

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116633.D
 Acq On : 28 Aug 2019 23:40
 Operator : HP/JU
 Sample : K4573-12MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Manual Integrations
 APPROVED

Jagrut
 8/29/2019 7:47:20 PM

Quant Time: Aug 29 04:05:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	84641	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	406976	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	107004	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	187872	20.00	ng	0.00
76) Chrysene-d12	14.02	240	106832	20.00	ng	0.00
87) Perylene-d12	15.47	264	121549	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	836684	170.74	ng	0.00
7) Phenol-d6	6.50	99	985761	148.38	ng	0.01
23) Nitrobenzene-d5	7.43	82	552538	77.69	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	164193	161.25	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	706356	109.86	ng	0.00
79) Terphenyl-d14	12.96	244	671960	102.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	98276	43.111	ng	98
3) Pyridine	3.41	79	240191	37.778	ng	99
4) n-Nitrosodimethylamine	3.33	42	131249	53.781	ng	99
6) Aniline	6.53	93	208316	23.276	ng	98
8) 2-Chlorophenol	6.66	128	253479	45.901	ng	95
9) Benzaldehyde	6.41	77	194141	53.044	ng	94
10) Phenol	6.52	94	378488	51.937	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	214901	39.679	ng	99
12) 1,3-Dichlorobenzene	6.81	146	263482	40.278	ng	98
13) 1,4-Dichlorobenzene	6.89	146	271423	41.525	ng	98
14) 1,2-Dichlorobenzene	7.04	146	262301	42.463	ng	100
15) Benzyl Alcohol	7.00	79	269516	52.147	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	295142	40.178	ng	100
17) 2-Methylphenol	7.12	107	221596	44.813	ng	97
18) Hexachloroethane	7.38	117	81700	33.852	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	171787	40.660	ng	99
20) 3+4-Methylphenols	7.27	107	264482	44.028	ng	95
22) Acetophenone	7.27	105	351922	36.817	ng	99
24) Nitrobenzene	7.45	77	295802	41.014	ng	97
25) Isophorone	7.69	82	643979	49.736	ng	100
26) 2-Nitrophenol	7.76	139	177051	51.080	ng	99
27) 2,4-Dimethylphenol	7.80	122	292578	53.906	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	382180	45.442	ng	99
29) 2,4-Dichlorophenol	8.00	162	274048	48.311	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	287369	44.098	ng	99
31) Naphthalene	8.17	128	929281	47.668	ng	99
32) Benzoic acid	7.91	122	210666	45.419	ng	98
33) 4-Chloroaniline	8.22	127	241056	28.055	ng	97
34) Hexachlorobutadiene	8.29	225	154639	42.592	ng	98
35) Caprolactam	8.58	113	71239m	42.058	ng	
36) 4-Chloro-3-methylphenol	8.69	107	255224	44.665	ng	97
37) 2-Methylnaphthalene	8.86	142	438126	35.986	ng	95
38) 1-Methylnaphthalene	8.96	142	297256m	25.000	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	137598	46.869	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	95683	56.283	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	97657	47.364	nq	96
44) 2,4,5-Trichlorophenol	9.17	196	105344	50.799	nq	95
46) 1,1'-Biphenyl	9.32	154	398429	49.051	nq	100
47) 2-Chloronaphthalene	9.35	162	304154	48.033	nq	96
48) 2-Nitroaniline	9.43	65	101755	50.809	nq	86
49) Acenaphthylene	9.76	152	481074	51.725	nq	99
50) Dimethylphthalate	9.62	163	407668	56.670	nq	100
51) 2,6-Dinitrotoluene	9.68	165	81042	51.088	nq	95
52) Acenaphthene	9.93	154	333166	52.905	nq	96
53) 3-Nitroaniline	9.85	138	68446	36.136	nq	98
54) 2,4-Dinitrophenol	9.95	184	69552	88.486	nq	# 41
55) Dibenzofuran	10.10	168	431243	50.852	nq	96
56) 4-Nitrophenol	10.01	139	144832	100.583	nq	88
57) 2,4-Dinitrotoluene	10.08	165	110189	52.643	nq	90
58) Fluorene	10.45	166	341950	53.130	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	86252m	50.530	nq	
60) Diethylphthalate	10.32	149	357925	50.973	nq	98
61) 4-Chlorophenyl-phenylether	10.44	204	159702	49.497	nq	95
62) 4-Nitroaniline	10.46	138	86296	46.827	nq	89
63) Azobenzene	10.60	77	358166	50.528	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	49232	49.122	nq	86
66) n-Nitrosodiphenylamine	10.56	169	295753	49.731	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	94516	47.429	nq	95
68) Hexachlorobenzene	11.00	284	101435	45.720	nq	96
69) Atrazine	11.08	200	85161	48.361	nq	97
70) Pentachlorophenol	11.19	266	128045	93.930	nq	99
71) Phenanthrene	11.41	178	547757	54.282	nq	100
72) Anthracene	11.46	178	522205	51.755	nq	99
73) Carbazole	11.61	167	438134	51.020	nq	99
74) Di-n-butylphthalate	11.94	149	561392	56.412	nq	99
75) Fluoranthene	12.59	202	543065	60.006	nq	99
77) Benzidine	12.71	184	1466	0.379	nq	# 37
78) Pyrene	12.82	202	525504	53.494	nq	98
80) Butylbenzylphthalate	13.43	149	202840	53.293	nq	99
81) Benzo(a)anthracene	14.00	228	374034	52.514	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	62579	27.000	nq	98
83) Chrysene	14.04	228	368683	52.875	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	269979	60.487	nq	99
85) Di-n-octyl phthalate	14.60	149	411663	63.234	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	317112	50.934	nq	97
88) Benzo(b)fluoranthene	15.05	252	403481	54.055	nq	97
89) Benzo(k)fluoranthene	15.08	252	364293	51.344	nq	99
90) Benzo(a)pyrene	15.41	252	364493	54.714	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	260686	41.938	nq	96
92) Benzo(g,h,i)perylene	17.37	276	322665	49.921	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

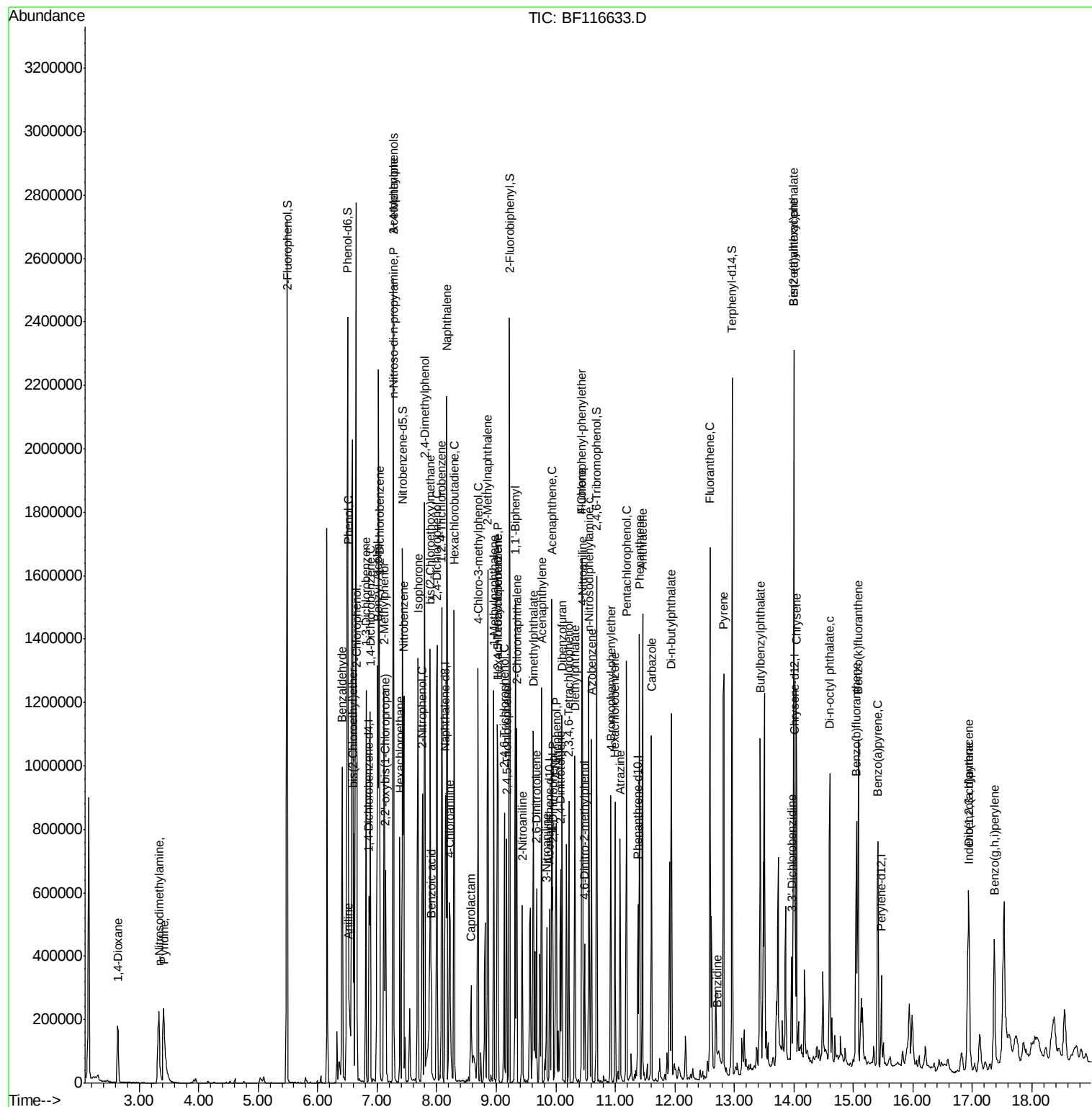
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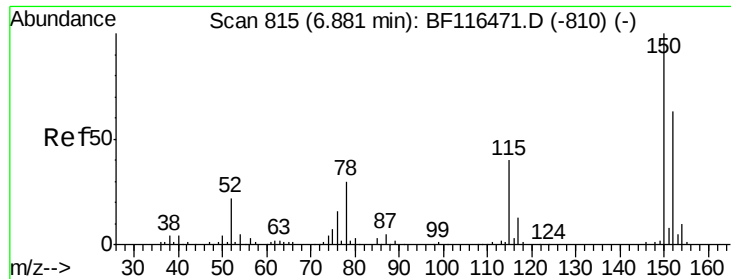
Instrument :
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#1

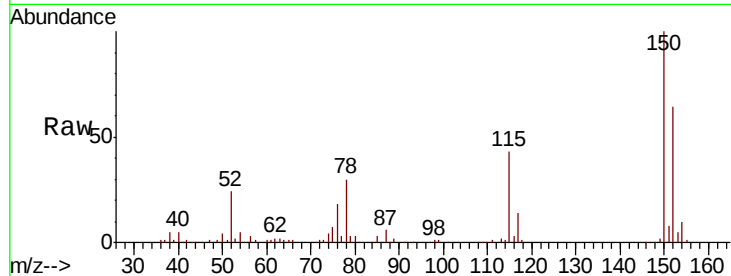
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.4	185.2
115	67.5	48.2	72.2

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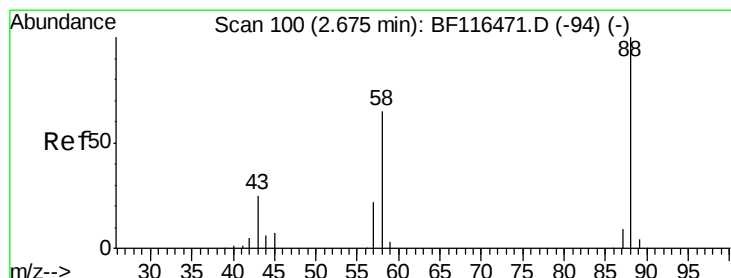
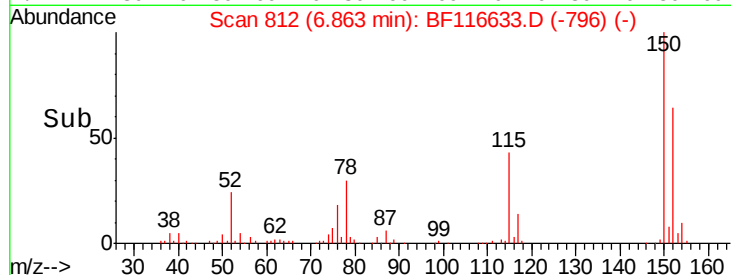
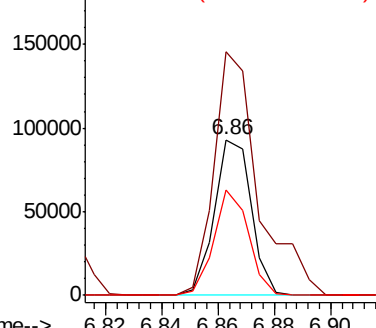


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 43.111 ng
 RT: 2.64 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

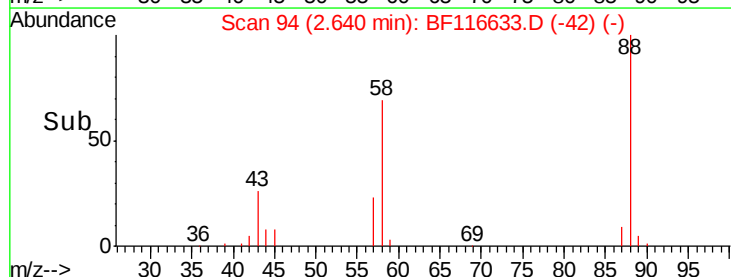
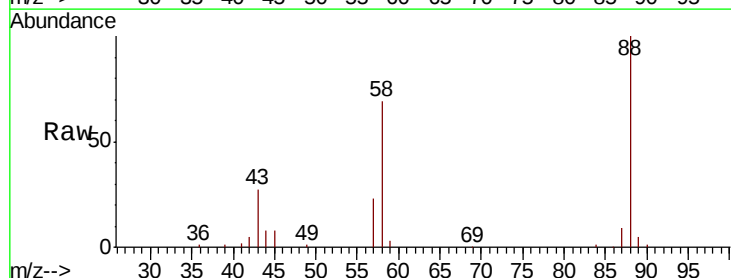
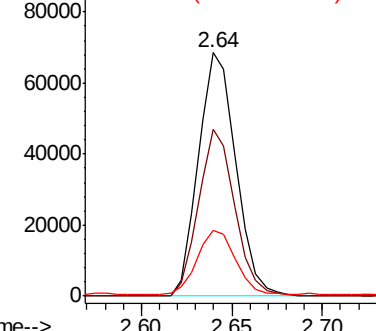
Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	51.8	77.8
43	26.7	20.2	30.2

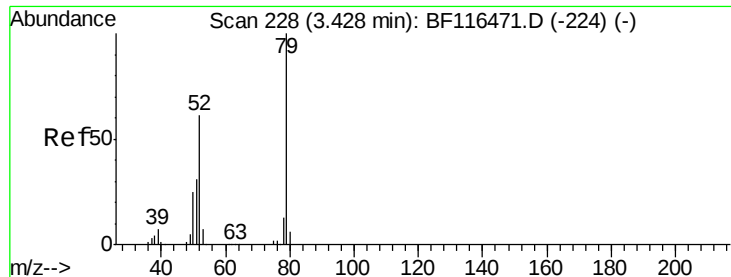
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvrindine

Concen: 37.778 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.02 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

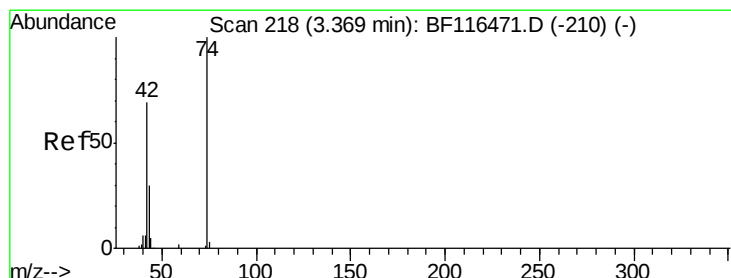
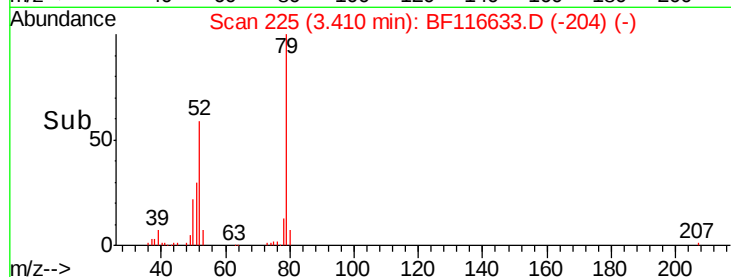
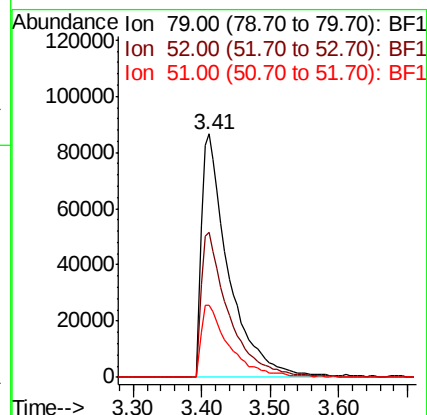
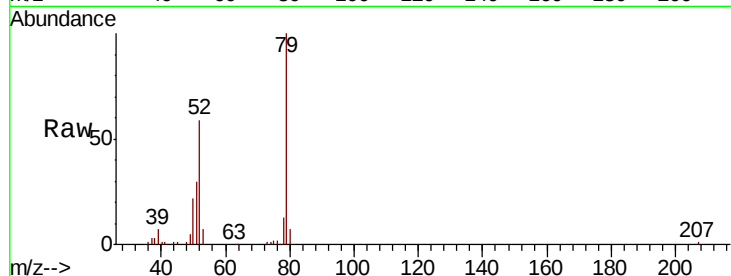
ClientSampleId :

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Tot Ion:	79	Resp:	240191
Ion Ratio	Lower	Upper	
79	100		
52	59.3	47.9	71.9
51	29.7	24.4	36.6

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#4

n-Nitrosodimethylamine

Concen: 53.781 ng

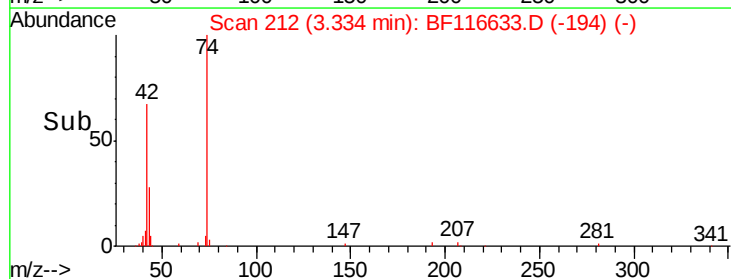
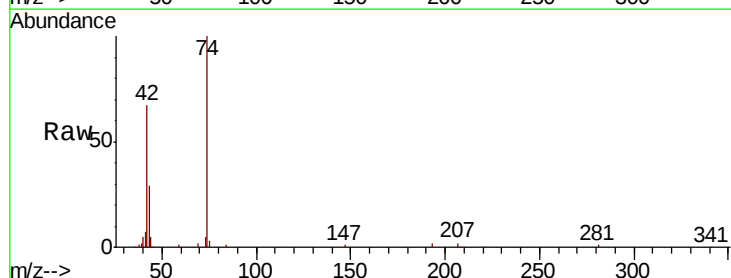
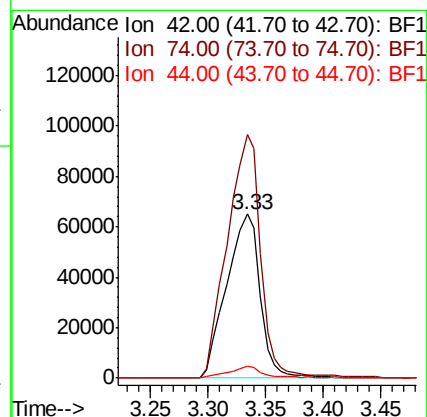
RT: 3.33 min Scan# 212

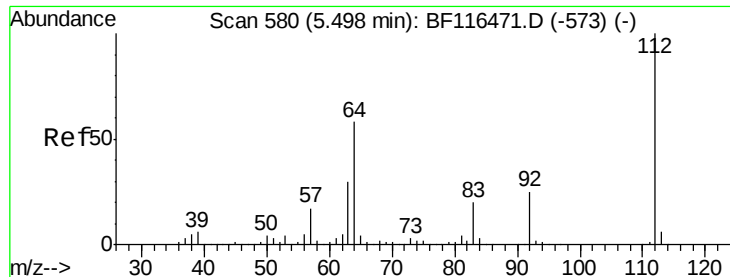
Delta R.T. 0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	42	Resp:	131249
Ion Ratio	Lower	Upper	
42	100		
74	148.5	120.0	180.0
44	7.2	5.4	8.2





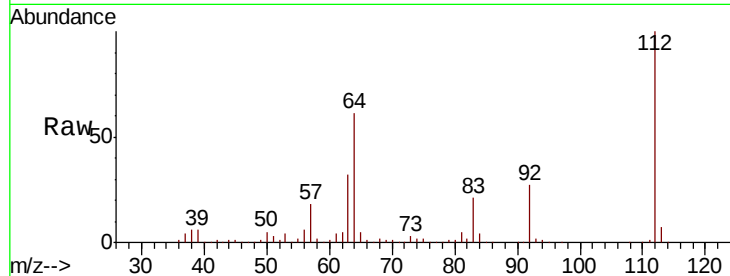
#5
2-Fluorophenol
Concen: 170.738 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
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ClientSampleId :
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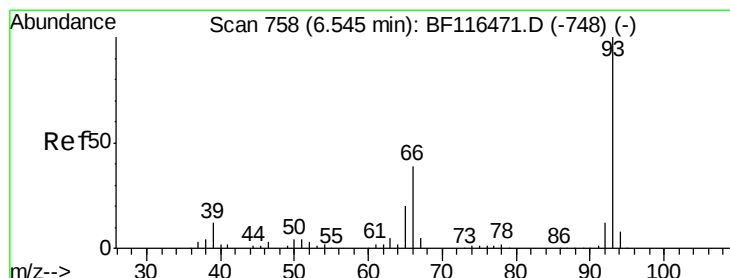
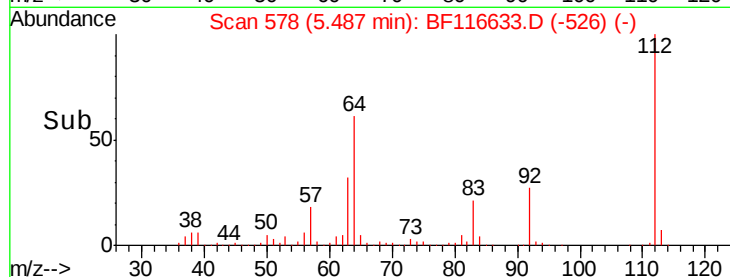
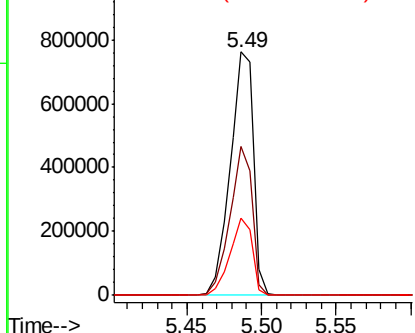
Tot Ion:	112	Resp:	836684
Ion Ratio	Lower	Upper	
112	100		
64	60.9	48.0	72.0
63	31.9	24.6	36.8

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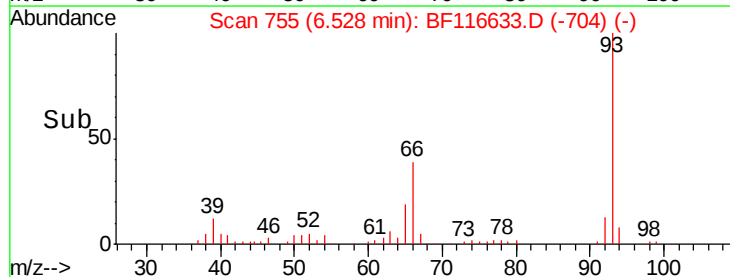
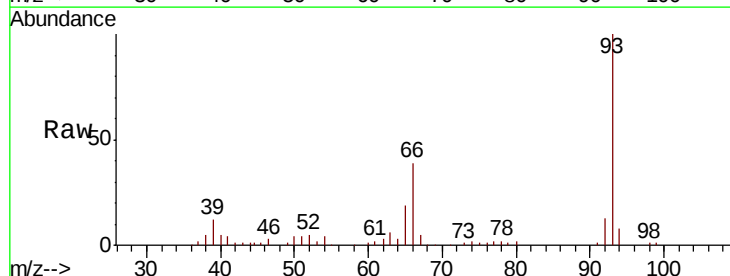
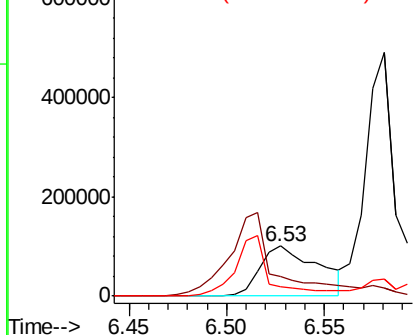
Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

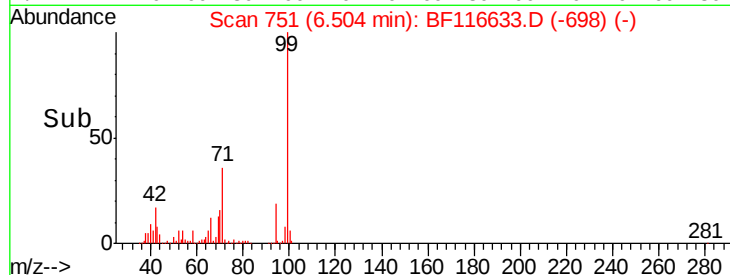
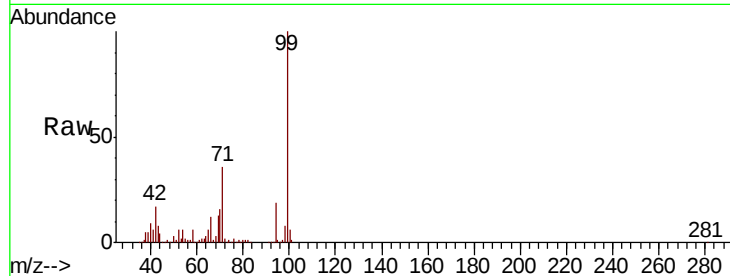
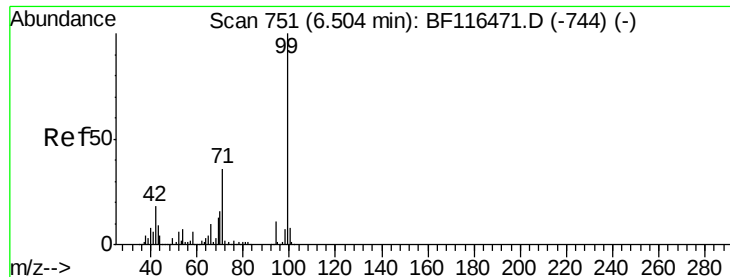


#6
Aniline
Concen: 23.276 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion:	93	Resp:	208316
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.1	48.1
65	19.2	16.2	24.4

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 148.376 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		985761		
42	16.9	13.2	19.8		
71	36.1	27.4	41.2		

Instrument :

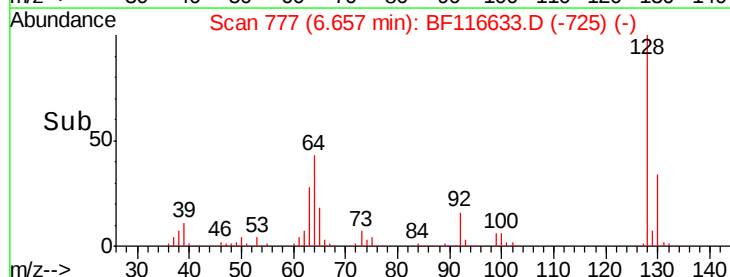
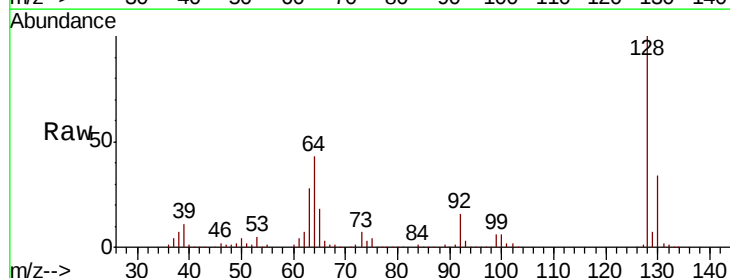
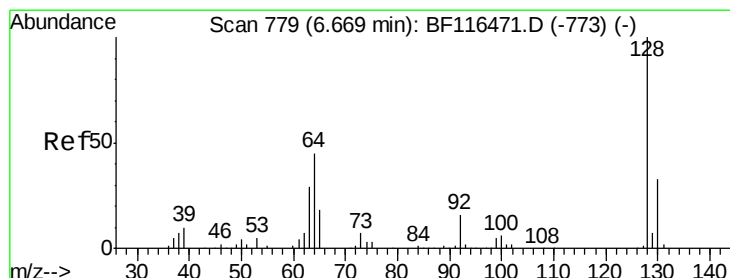
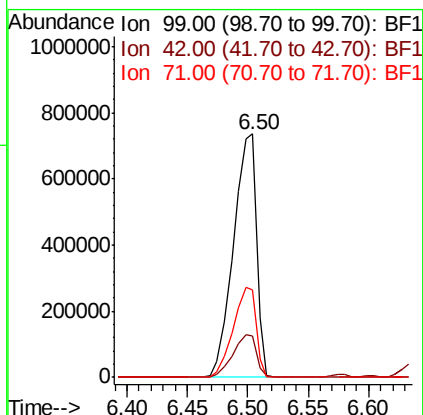
BNA_F

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#8

2-Chlorophenol

Concen: 45.901 ng

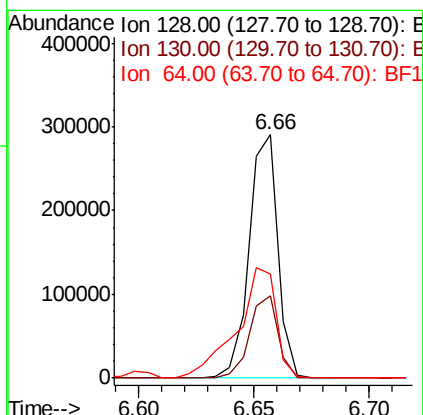
RT: 6.66 min Scan# 777

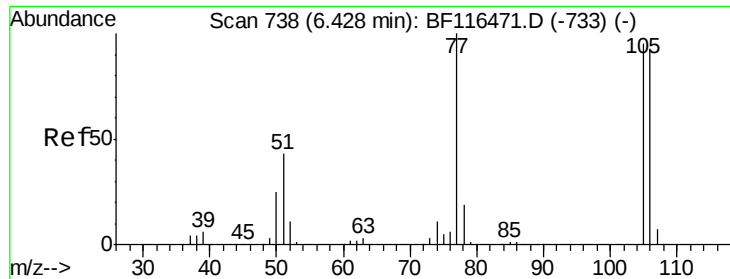
Delta R.T. 0.01 min

Lab File: BF116633.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		253479		
130	33.8	11.8	51.8		
64	42.8	26.9	66.9		





#9

Benzaldehyde

Concen: 53.044 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

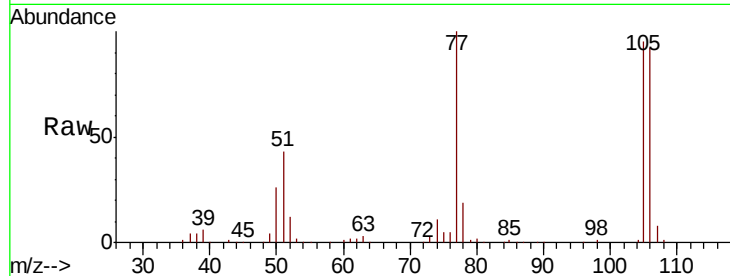
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

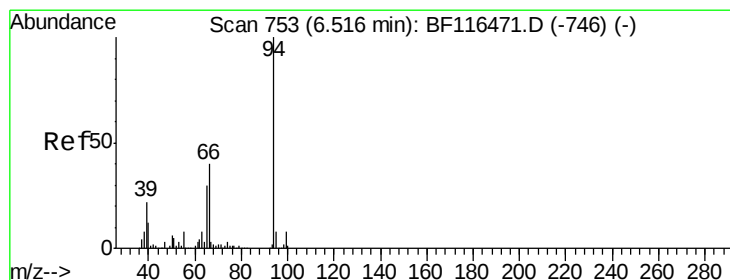
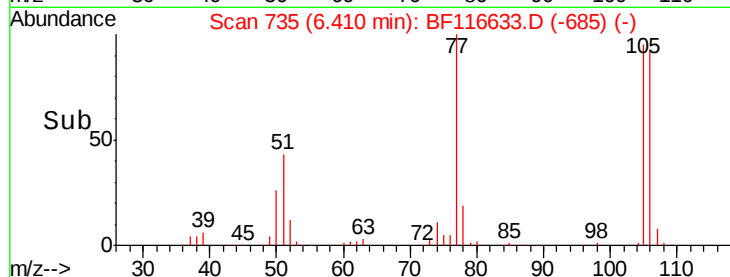
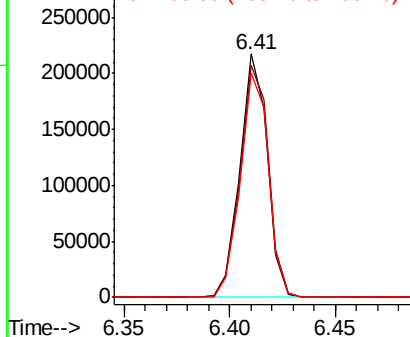
Tot Ion:	77	Resp:	194141
Ion Ratio	Lower	Upper	
77	100		
105	95.4	81.6	121.6
106	92.3	77.1	117.1

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 51.937 ng

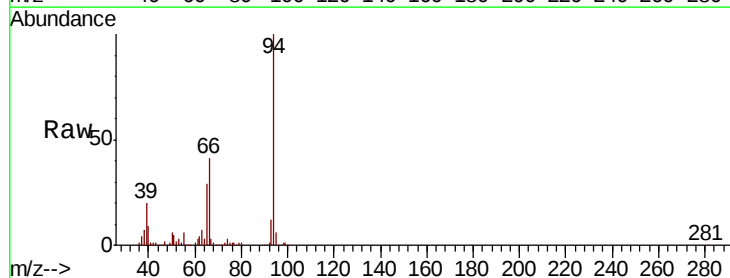
RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

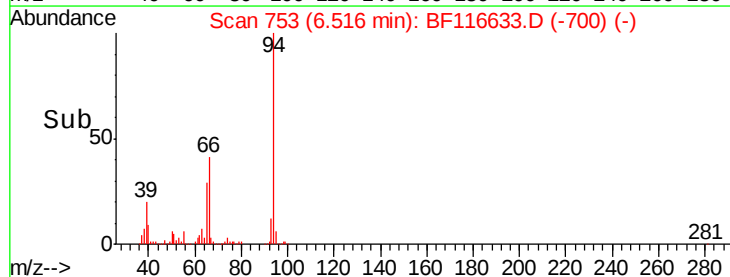
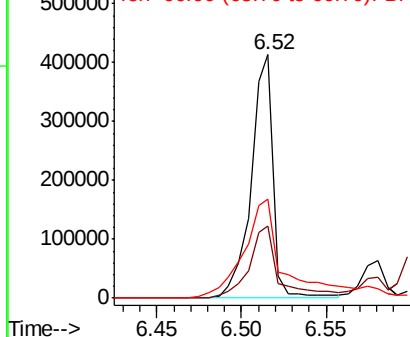
Lab File: BF116633.D

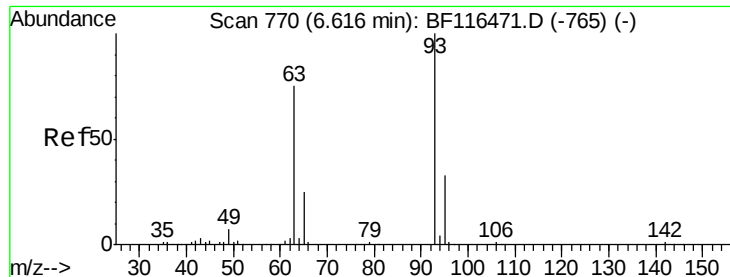
Acq: 28 Aug 2019 23:40

Tgt Ion:	94	Resp:	378488
Ion Ratio	Lower	Upper	
94	100		
65	29.4	8.6	48.6
66	40.8	18.0	58.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





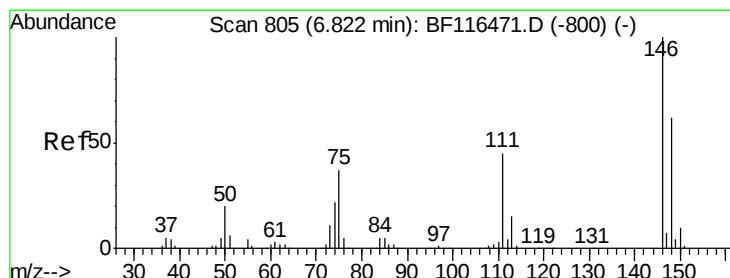
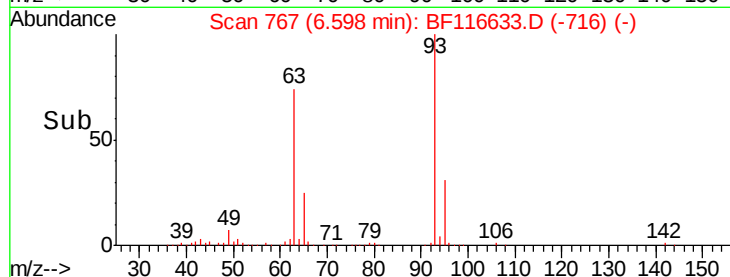
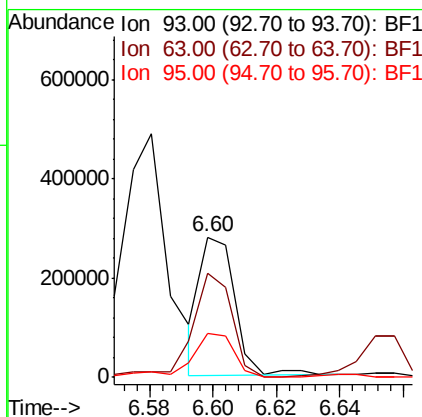
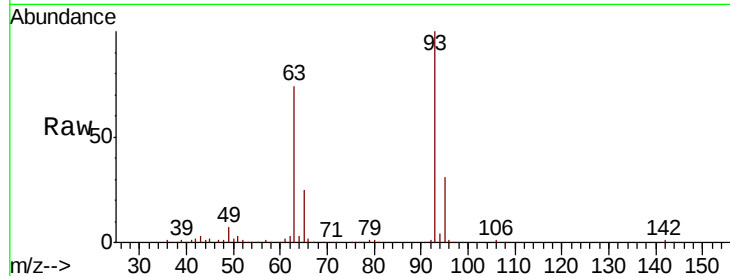
#11
bis(2-Chloroethyl)ether
Concen: 39.679 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion:	93	Resp:	214901
Ion	Ratio	Lower	Upper
93	100		
63	74.1	54.7	94.7
95	31.1	12.7	52.7

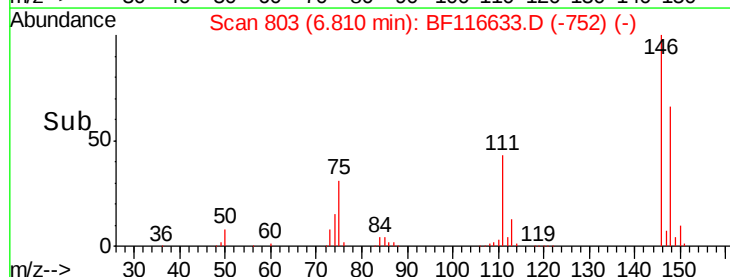
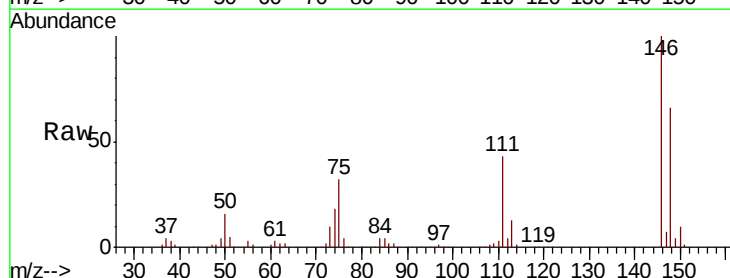
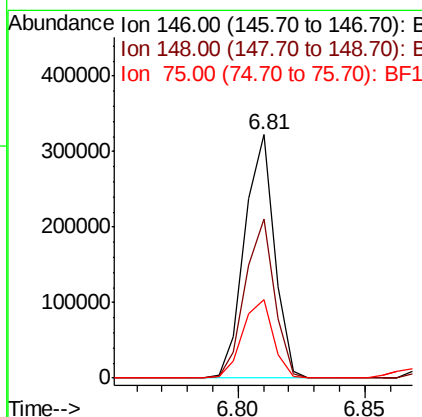
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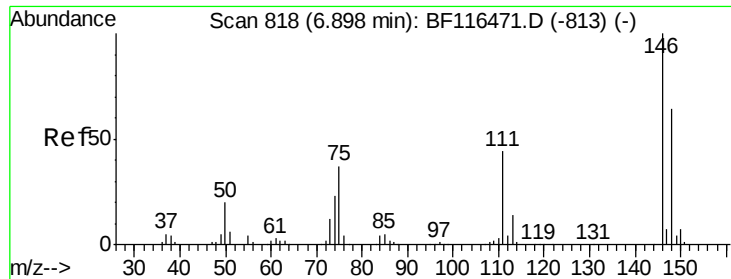
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#12
1,3-Dichlorobenzene
Concen: 40.278 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion:	146	Resp:	263482
Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.6
75	32.2	25.1	37.7





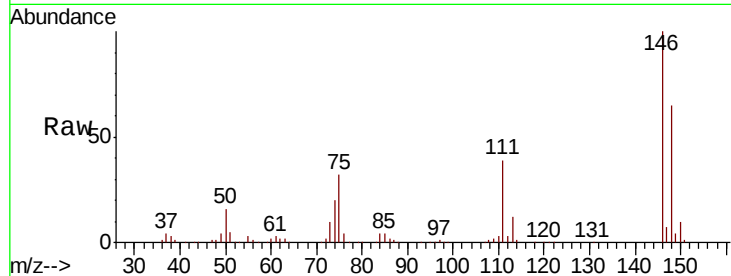
#13
 1,4-Dichlorobenzene
 Concen: 41.525 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

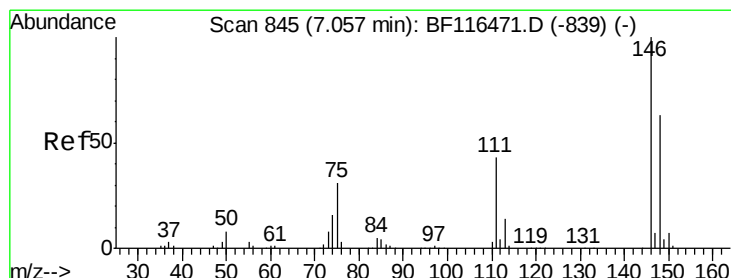
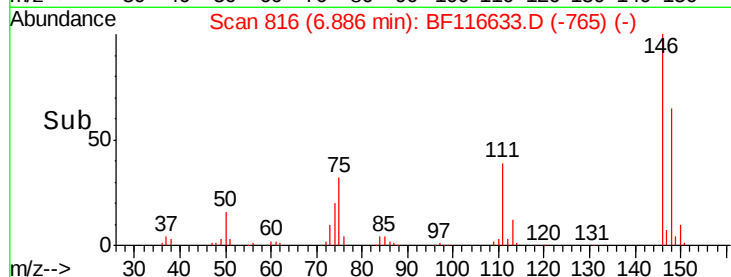
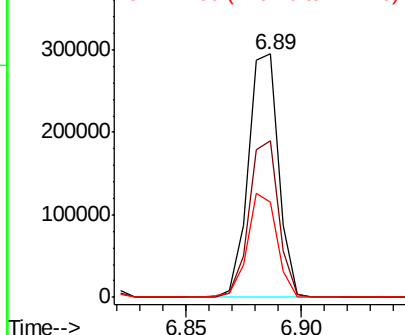
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	39.3	33.1	49.7

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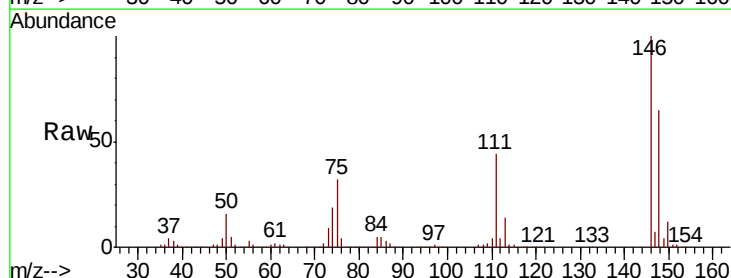


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

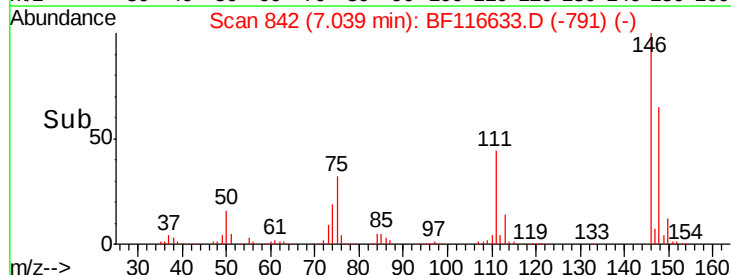
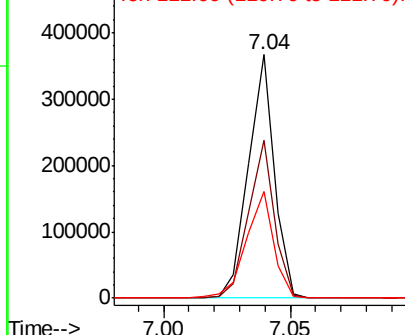


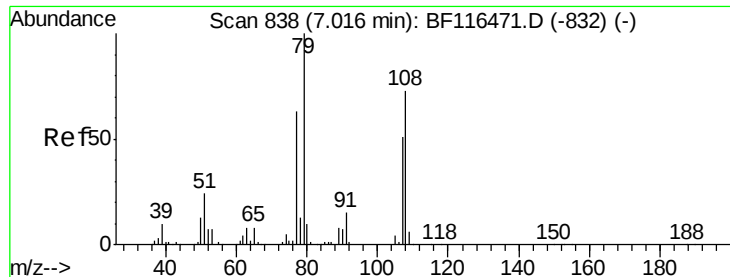
#14
 1,2-Dichlorobenzene
 Concen: 42.463 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
111	43.9	34.9	52.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.147 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

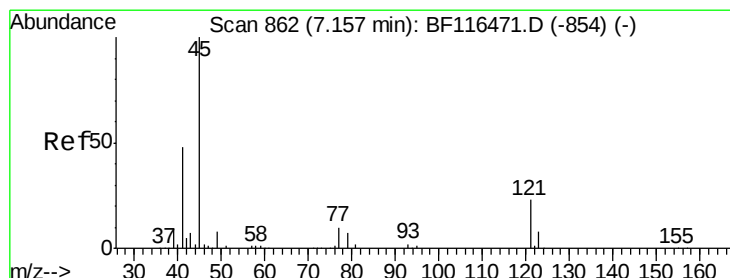
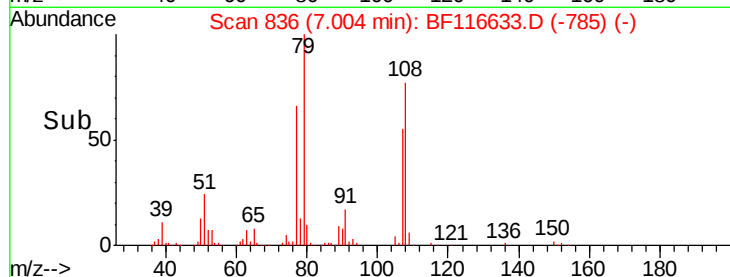
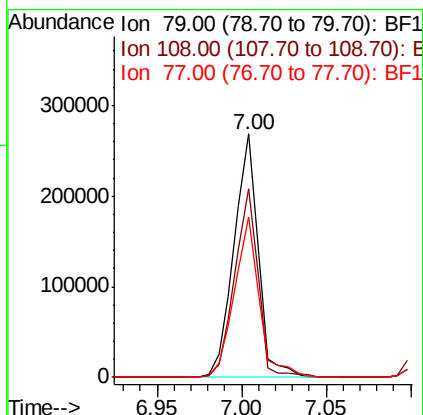
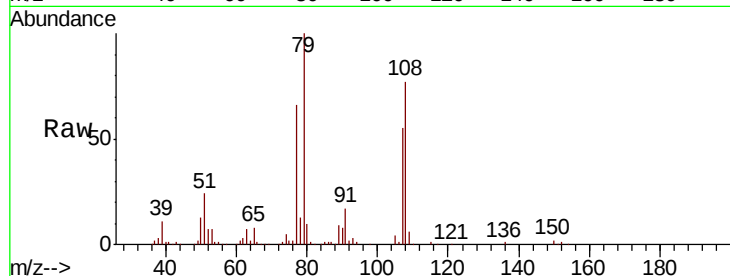
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

Tot Ion:	79	Resp:	269516
Ion Ratio	Lower	Upper	
79	100		
108	77.3	62.2	93.4
77	66.1	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.178 ng

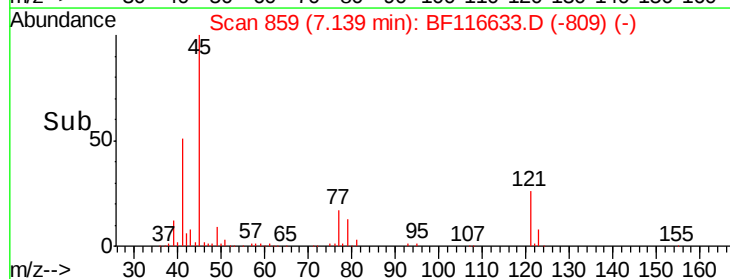
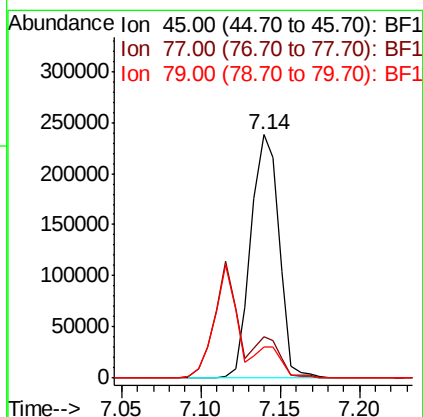
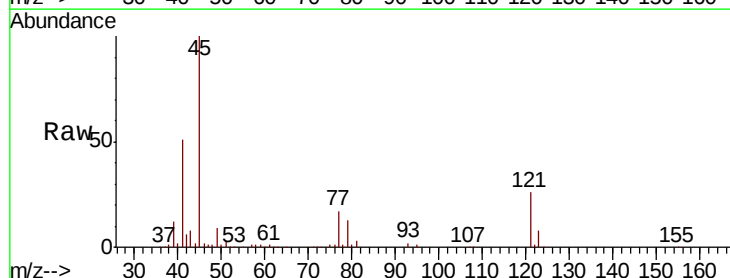
RT: 7.14 min Scan# 859

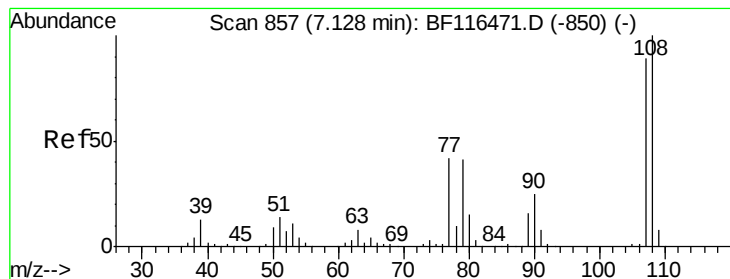
Delta R.T. -0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	45	Resp:	295142
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	36.4
79	12.9	0.0	32.9





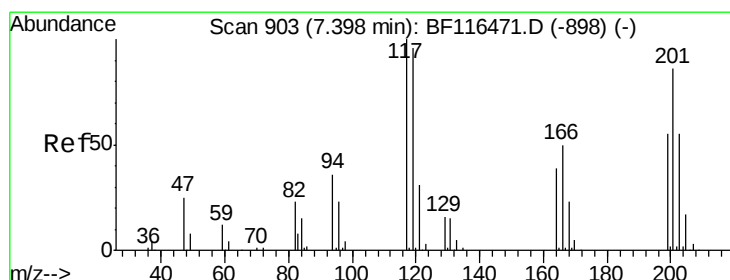
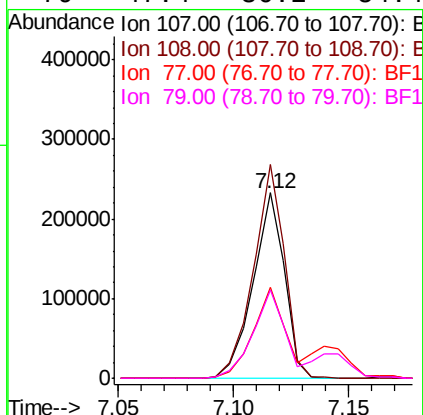
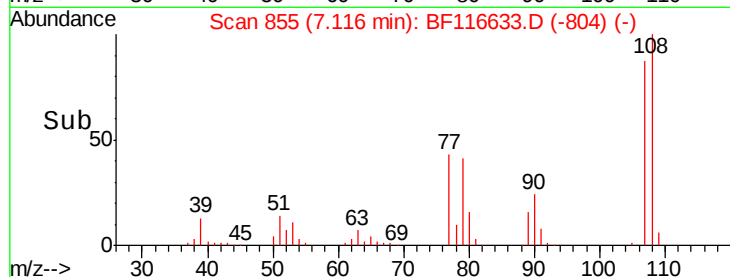
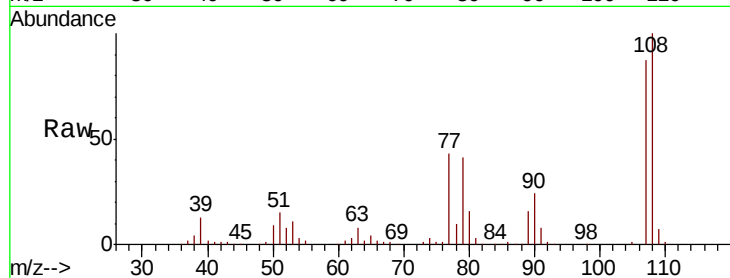
#17
2-Methylphenol
Concen: 44.813 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	90.9	136.3	
77	49.4	36.8	55.2	
79	47.4	36.2	54.4	

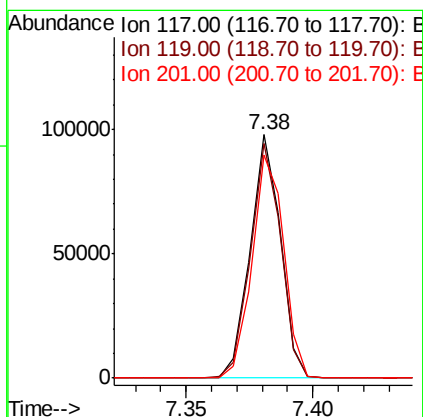
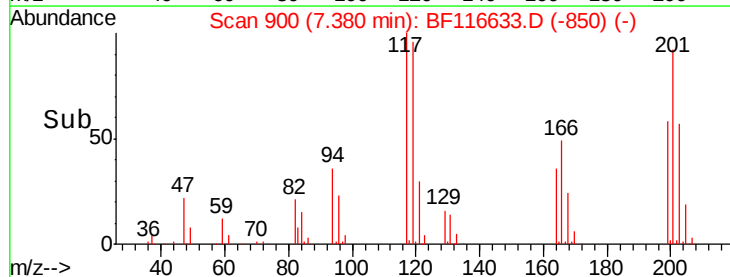
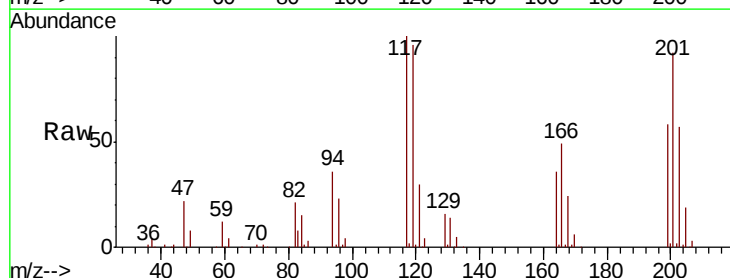
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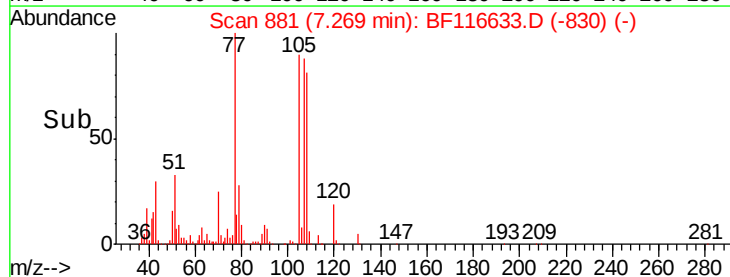
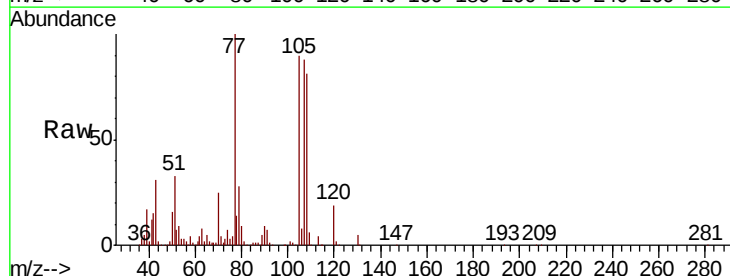
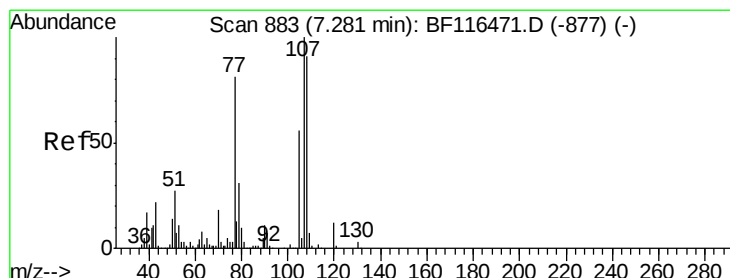
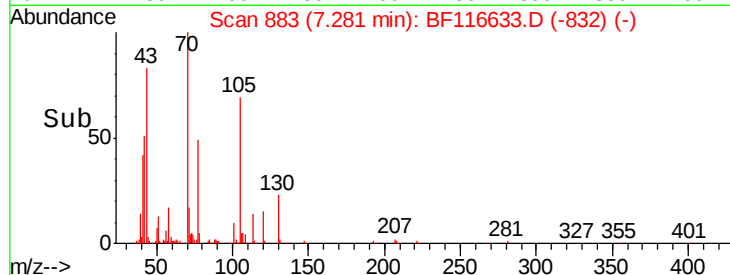
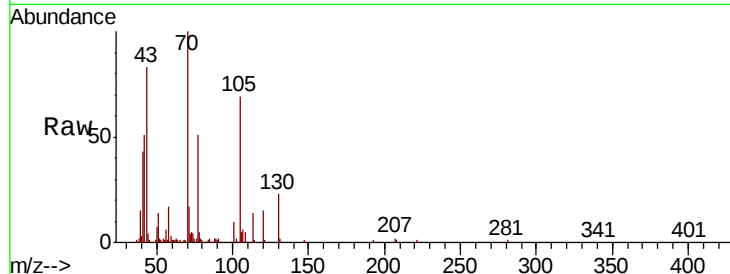
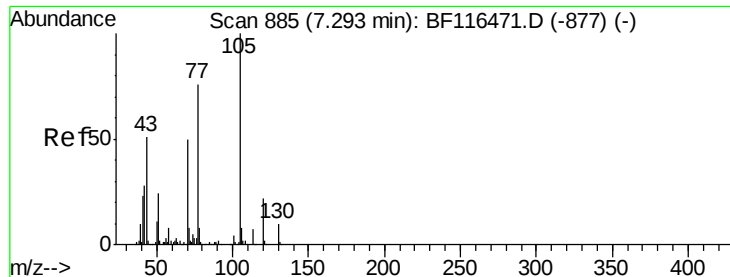
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#18
Hexachloroethane
Concen: 33.852 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

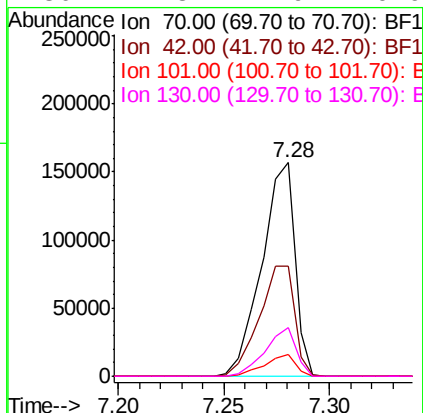
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	78.6	118.0	
201	91.9	86.2	129.2	





#19
n-Nitroso-di-n-propylamine
Concen: 40.660 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.2	61.8
101	10.1	7.7	11.5
130	22.8	17.9	26.9



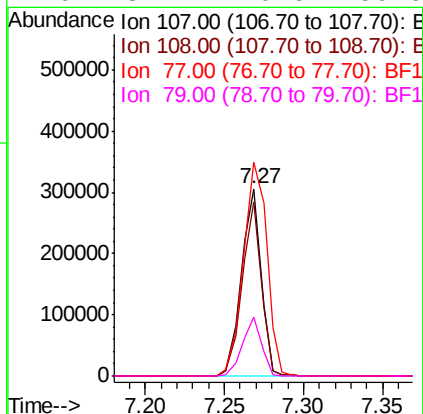
Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

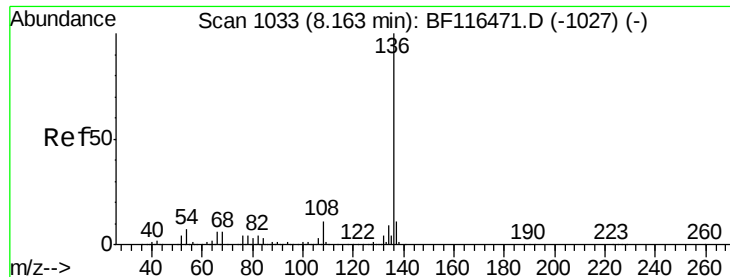
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#20
3+4-Methylphenols
Concen: 44.028 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	72.6	112.6
77	113.9	82.4	122.4
79	31.4	10.6	50.6





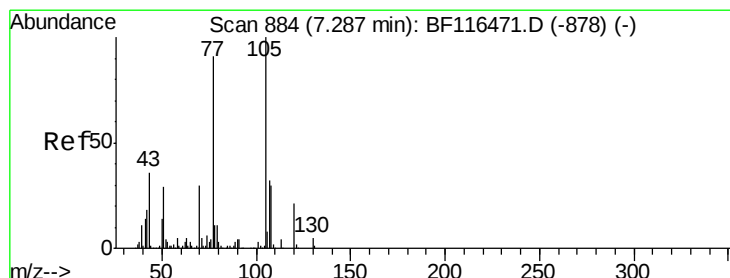
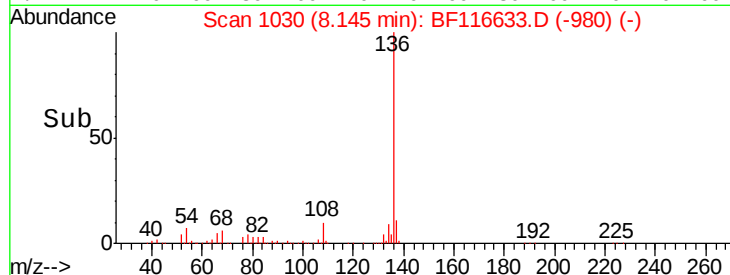
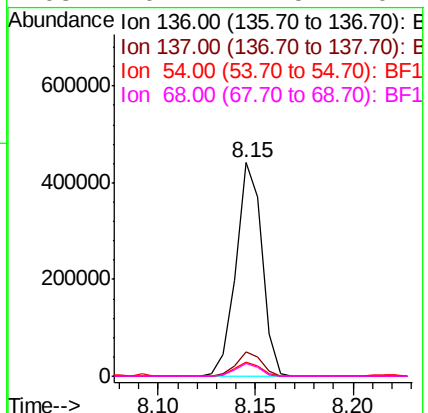
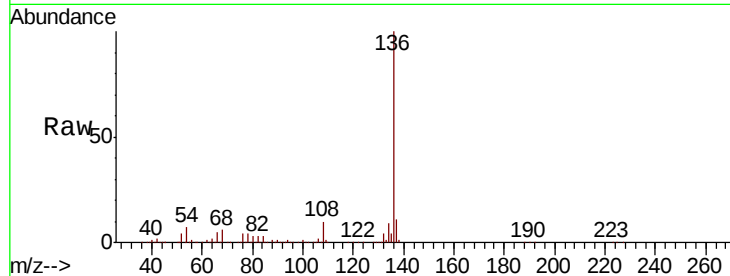
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		406976		
137	11.4	8.7	13.1		
54	6.8	5.0	7.4		
68	6.1	4.5	6.7		

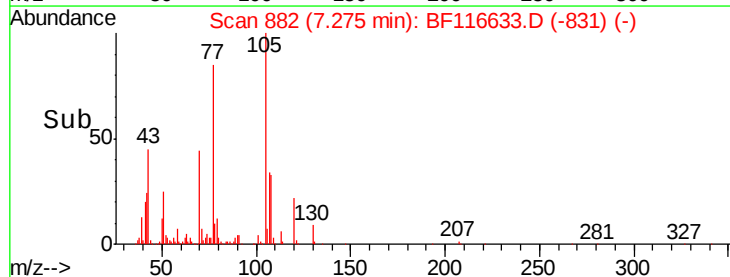
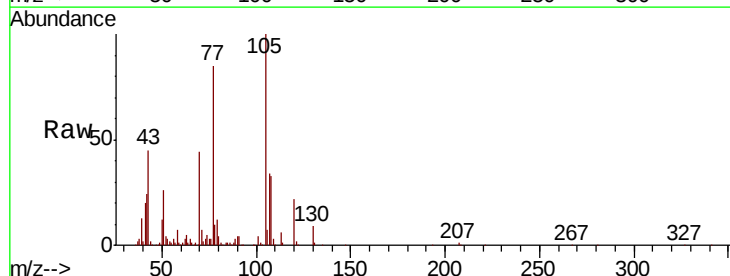
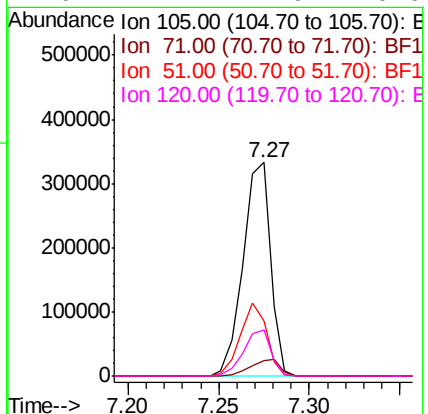
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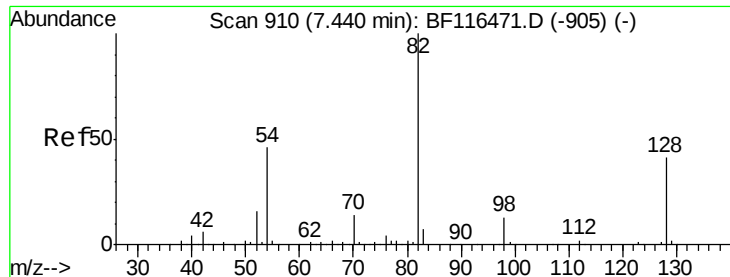
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#22
Acetophenone
Concen: 36.817 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		351922		
71	7.2	5.0	7.6		
51	25.5	20.7	31.1		
120	21.7	17.9	26.9		





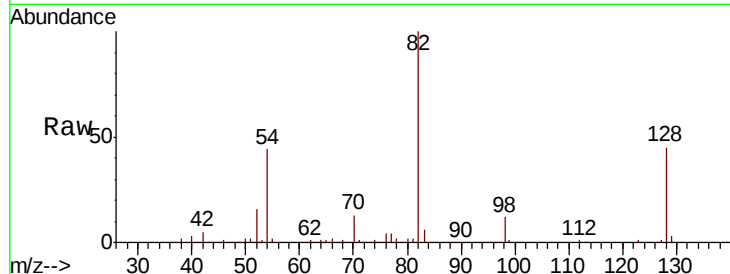
#23
 Nitrobenzene-d5
 Concen: 77.686 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

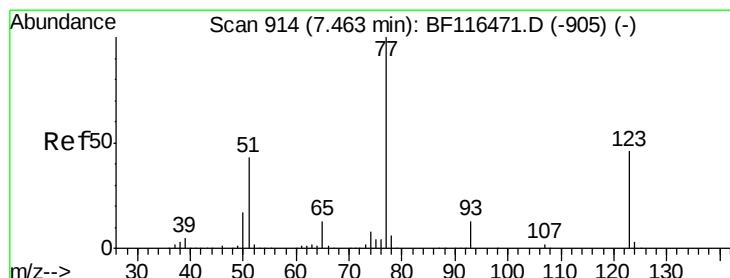
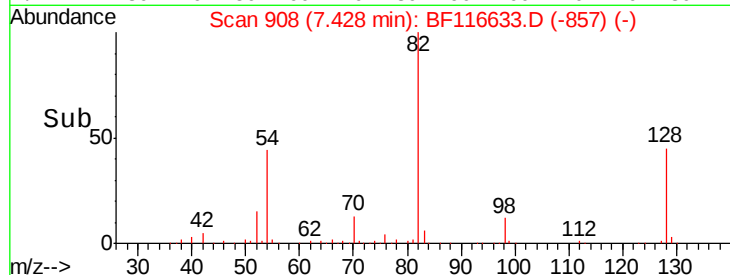
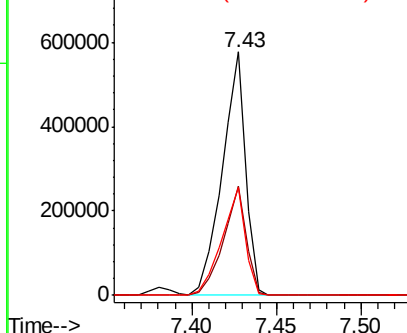
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.7	35.0	52.6	
54	44.1	34.4	51.6	

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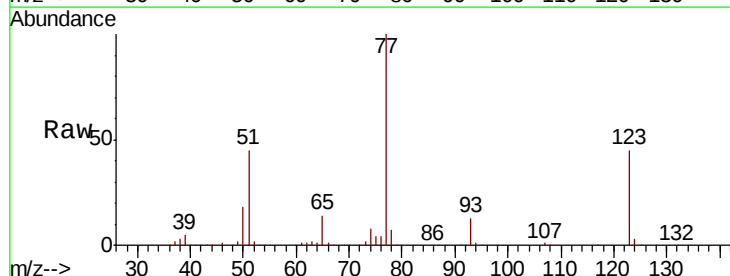


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

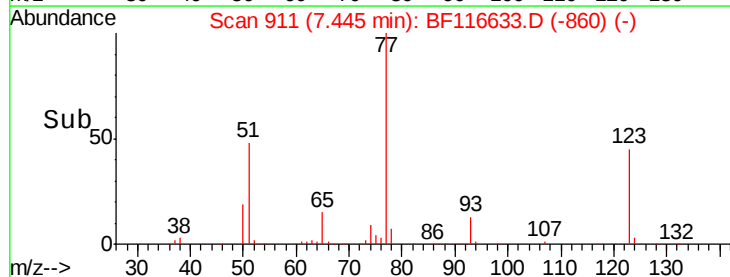
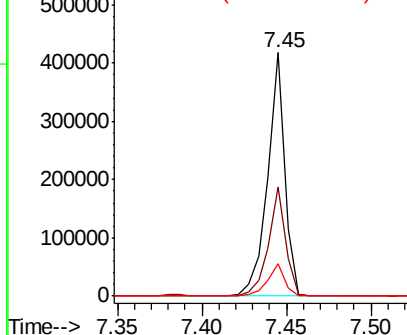


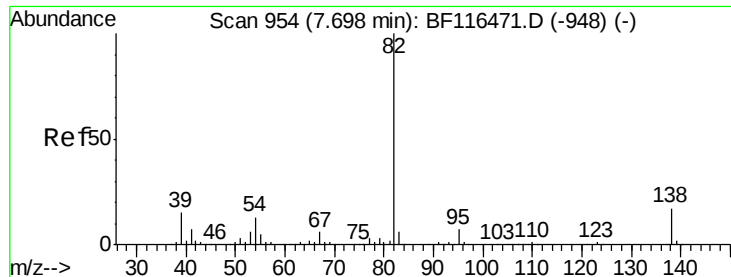
#24
 Nitrobenzene
 Concen: 41.014 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.0	38.2	57.4	
65	13.5	11.0	16.6	



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.736 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

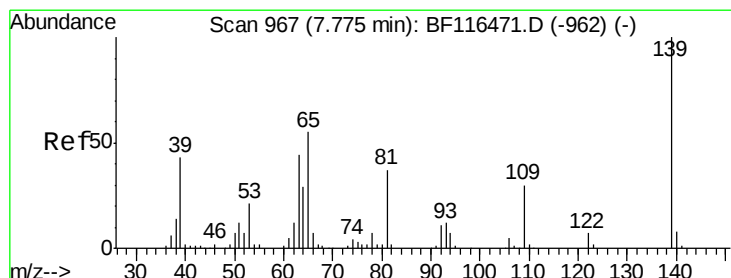
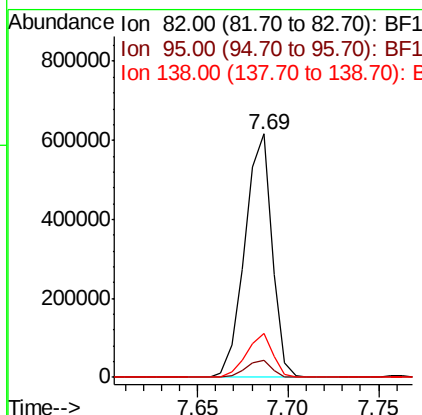
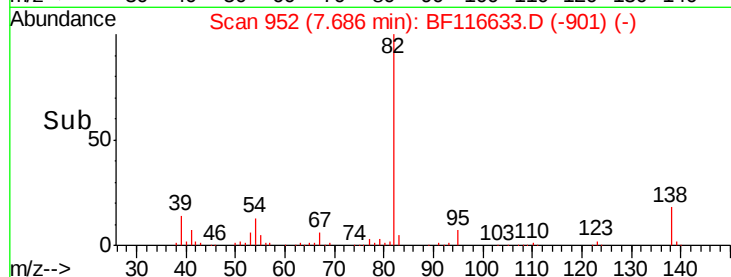
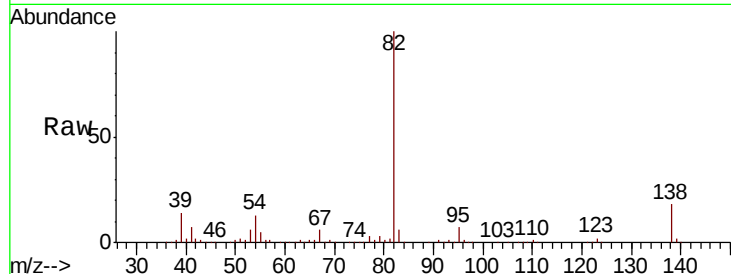
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

Tot Ion:	82	Resp:	643979
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.0	14.4	21.6

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#26

2-Nitrophenol

Concen: 51.080 ng

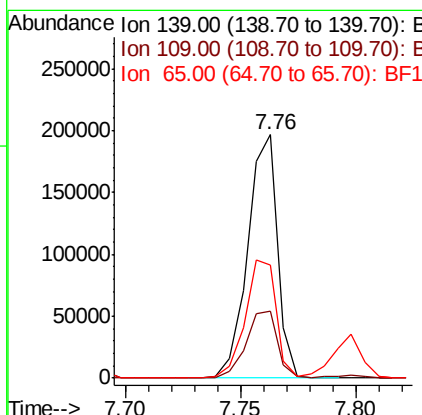
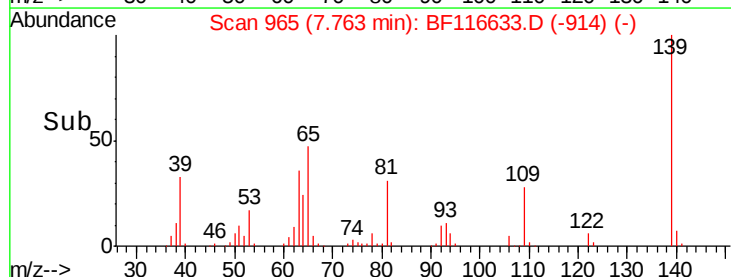
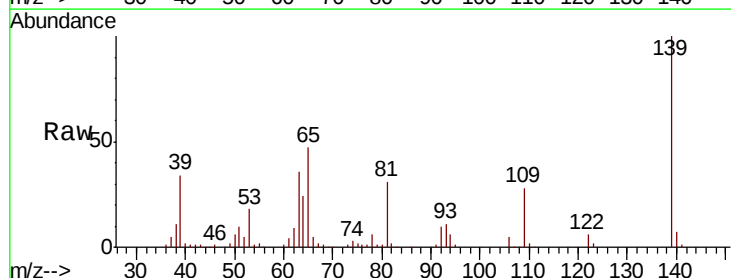
RT: 7.76 min Scan# 965

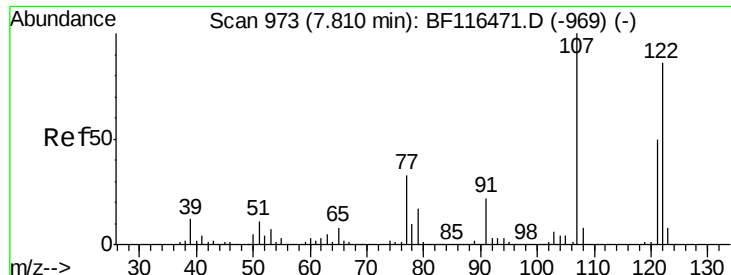
Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	139	Resp:	177051
Ion Ratio		Lower	Upper
139	100		
109	27.7	22.4	33.6
65	46.6	36.9	55.3





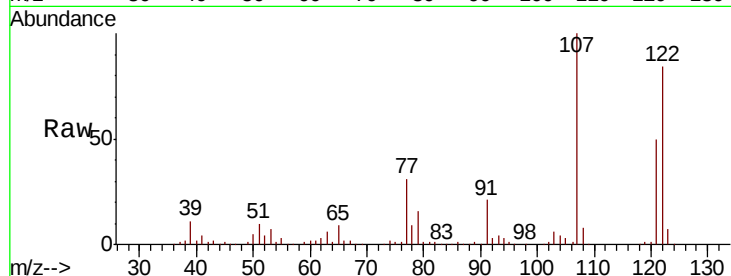
#27
 2,4-Dimethylphenol
 Concen: 53.906 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.1	95.4	143.0
121	59.2	47.8	71.8

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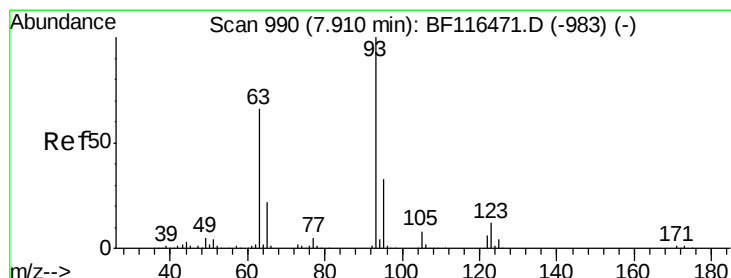
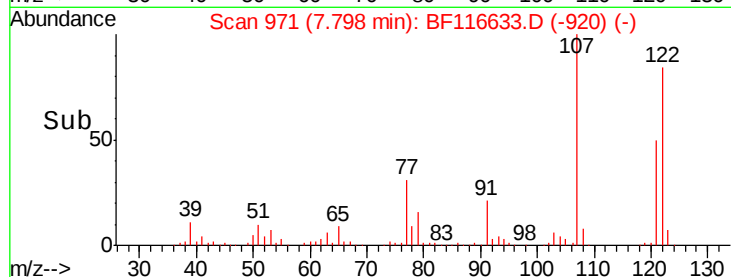
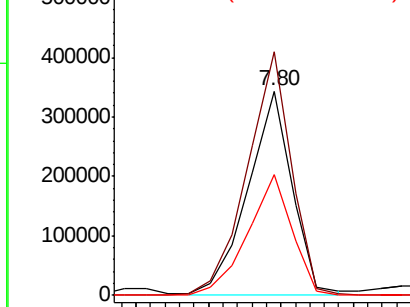


Abundance

Ion 122.00 (121.70 to 122.70): E

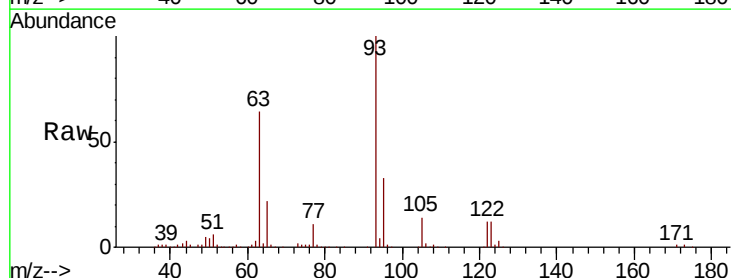
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.442 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.6	10.4	15.6

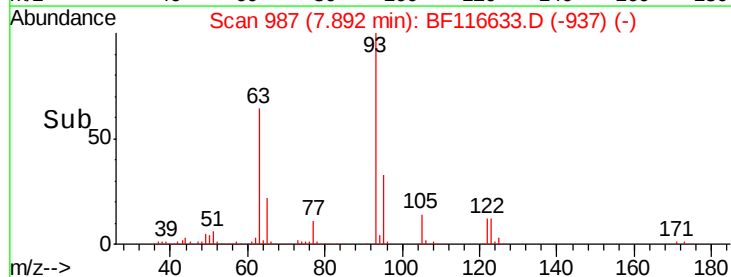
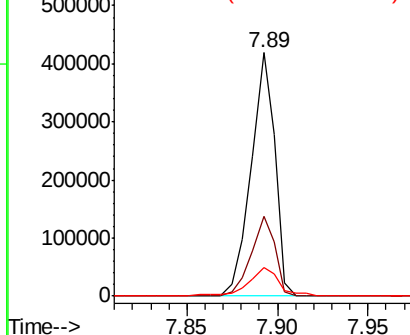


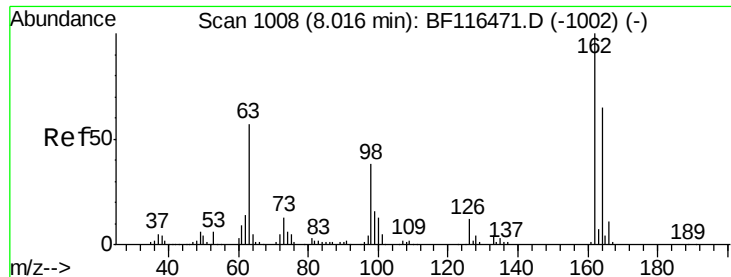
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





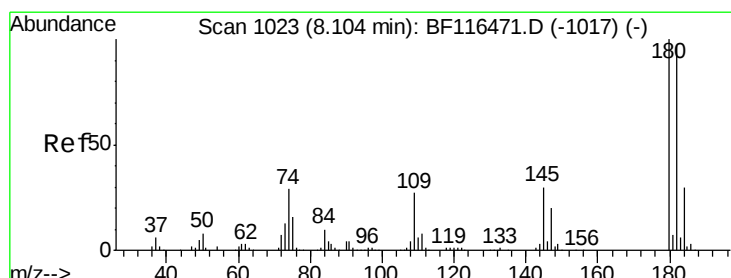
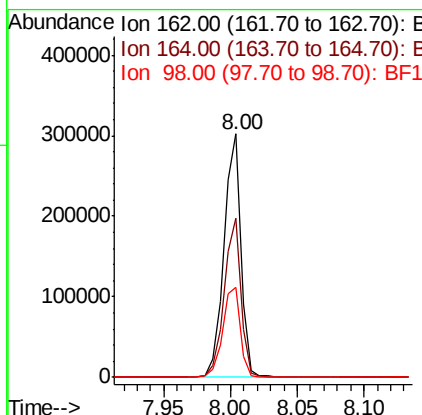
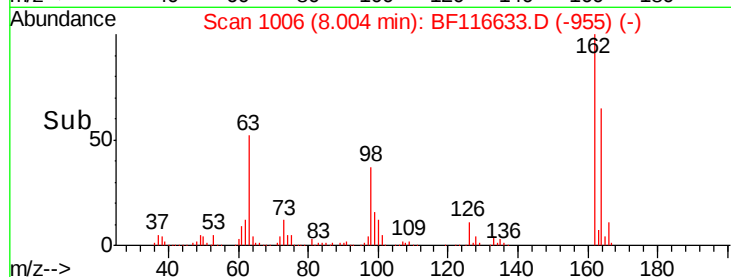
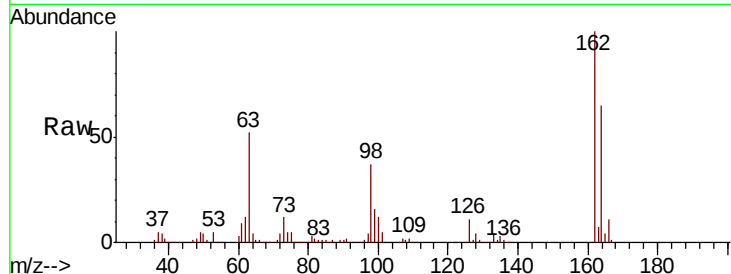
#29
2,4-Dichlorophenol
Concen: 48.311 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	274048		
164	65.5	45.9	85.9	
98	36.9	17.4	57.4	

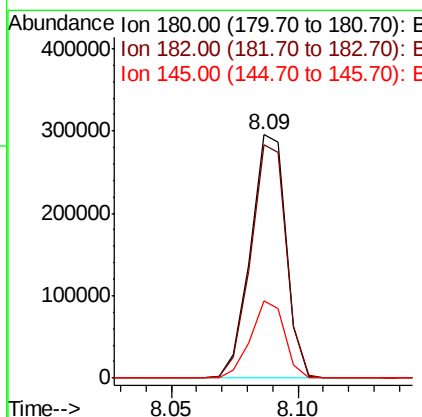
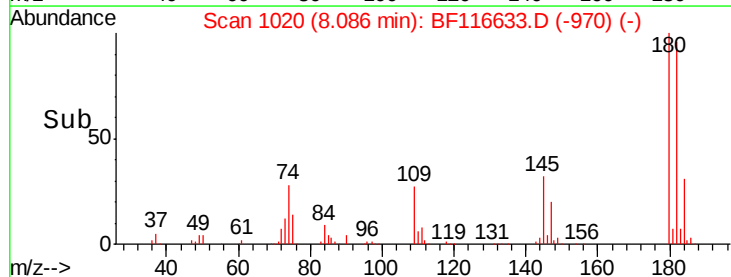
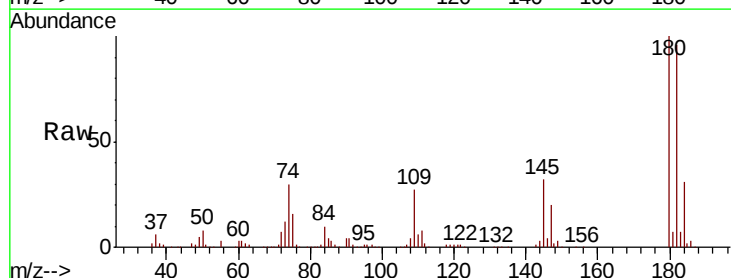
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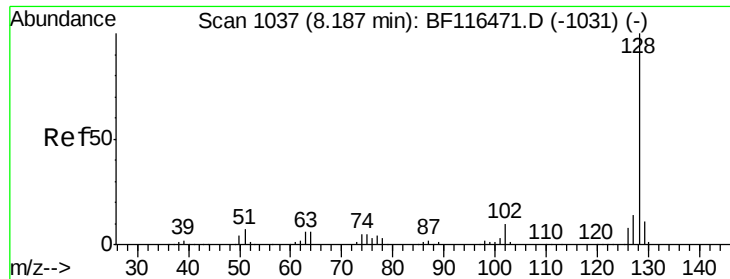
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#30
1,2,4-Trichlorobenzene
Concen: 44.098 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	287369		
182	96.1	76.7	115.1	
145	31.8	24.1	36.1	





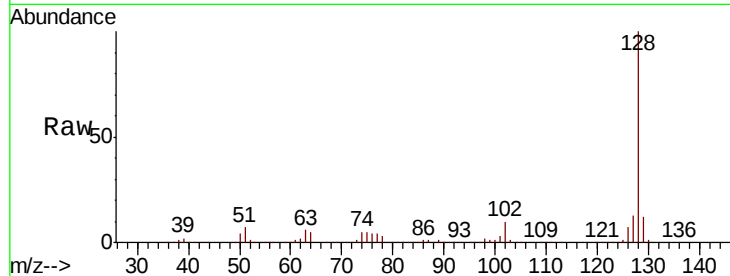
#31
Naphthalene
Concen: 47.668 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

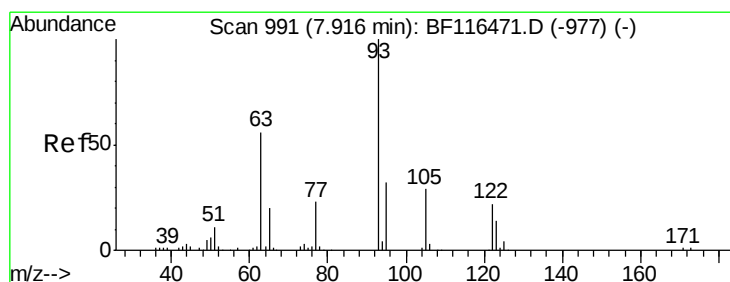
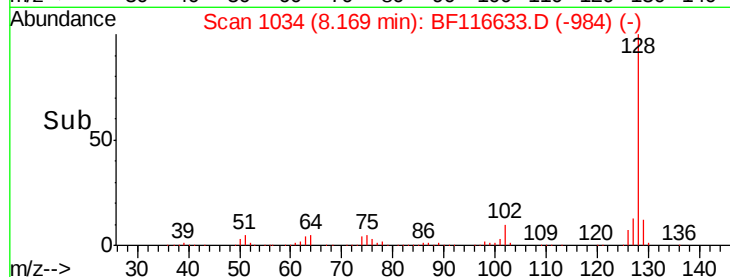
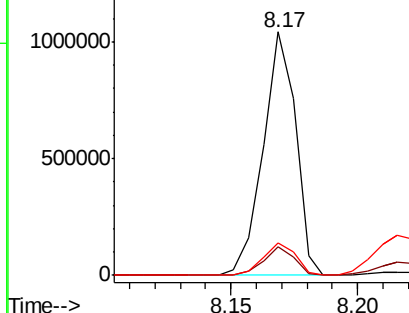
Tot Ion	Ratio	Resp	Lower	Upper
128	100	929281		
129	11.6		8.9	13.3
127	13.3		10.9	16.3

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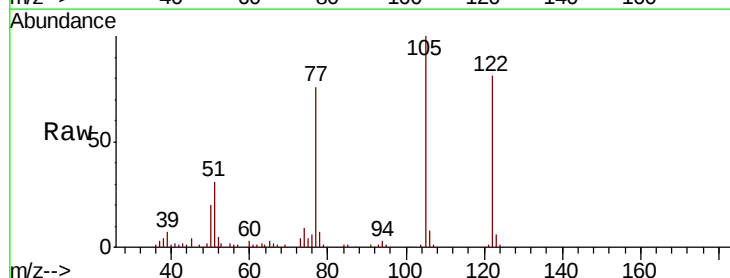


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

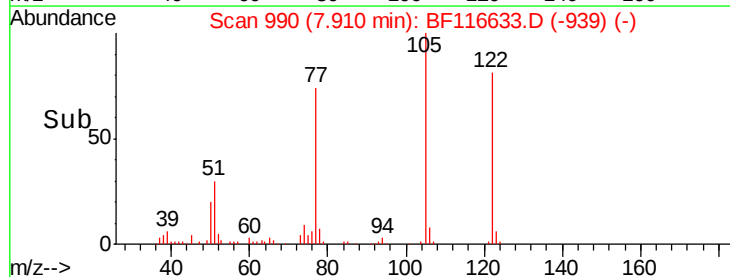
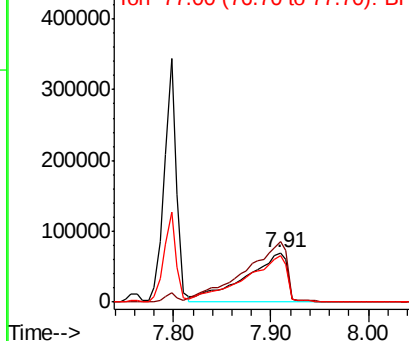


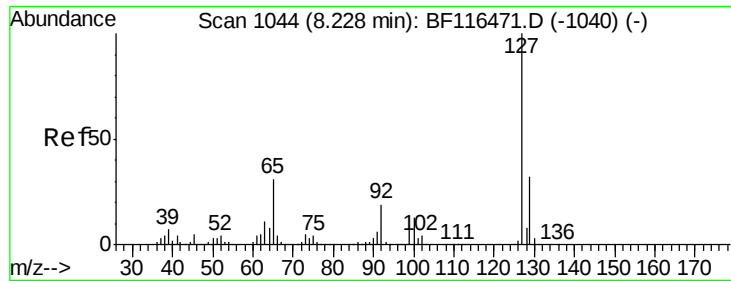
#32
Benzoic acid
Concen: 45.419 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	210666		
105	123.1		105.8	145.8
77	93.5		74.1	114.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





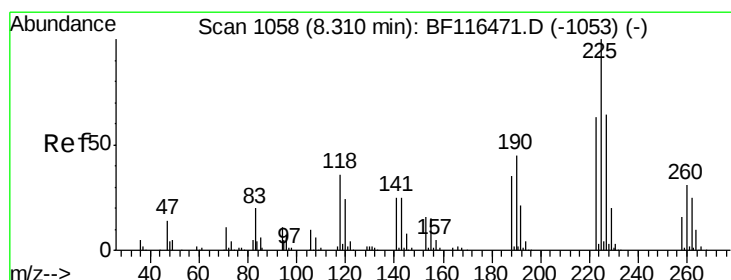
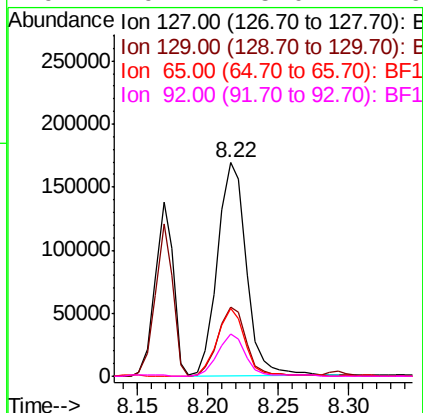
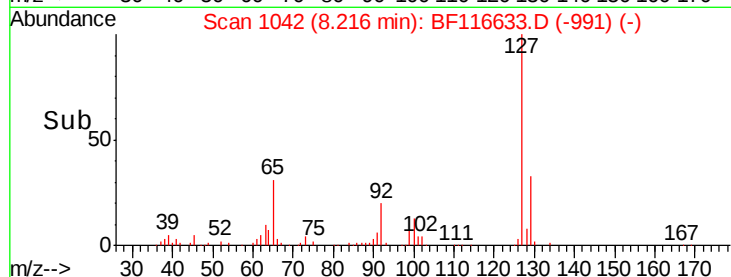
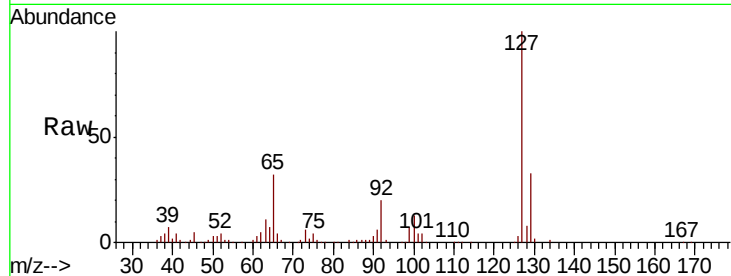
#33
4-Chloroaniline
Concen: 28.055 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	31.6	22.6	33.8		
92	19.7	15.0	22.6		

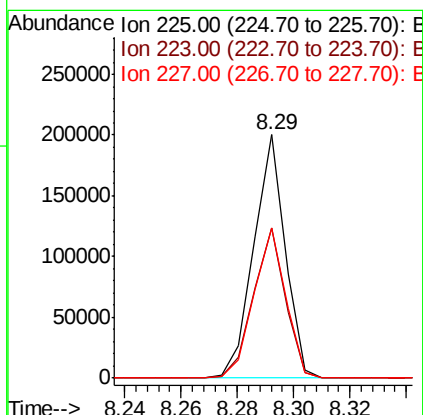
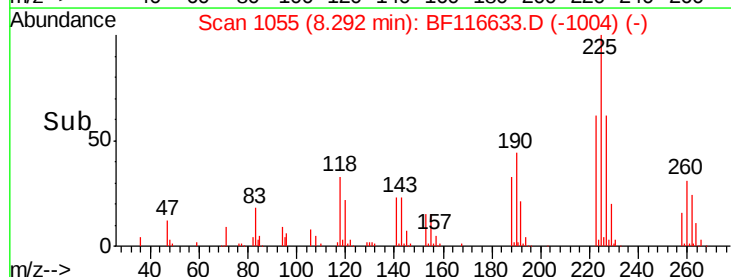
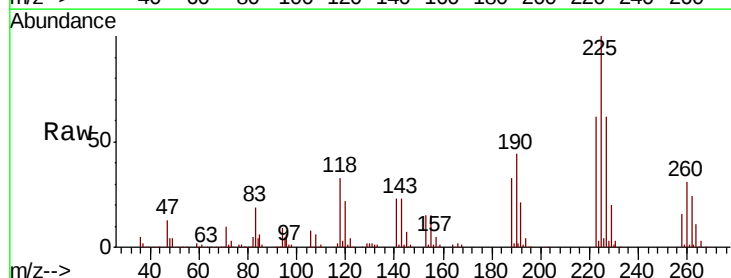
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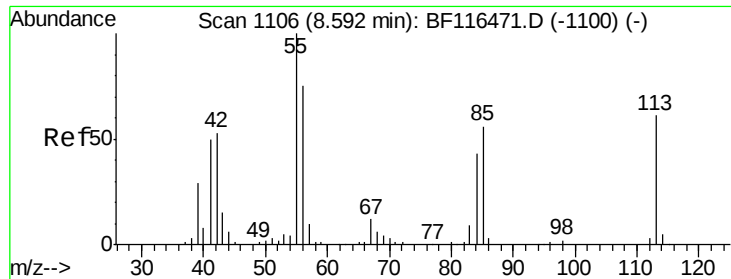
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#34
Hexachlorobutadiene
Concen: 42.592 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	50.7	76.1		
227	61.6	50.4	75.6		





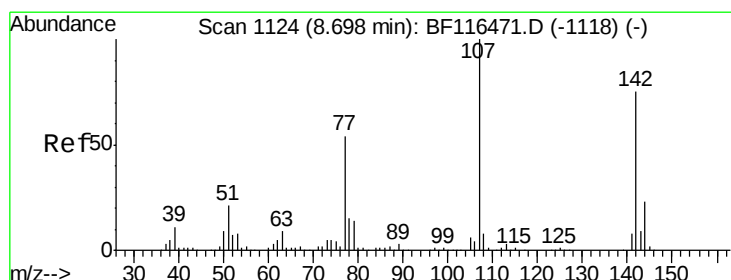
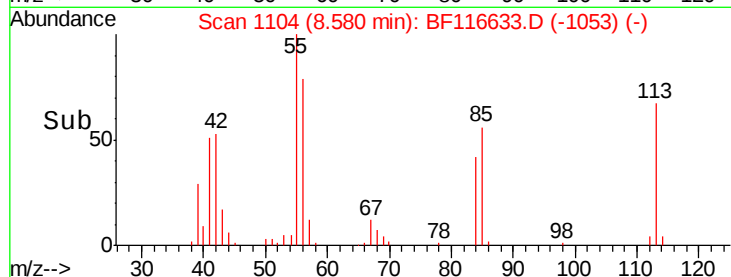
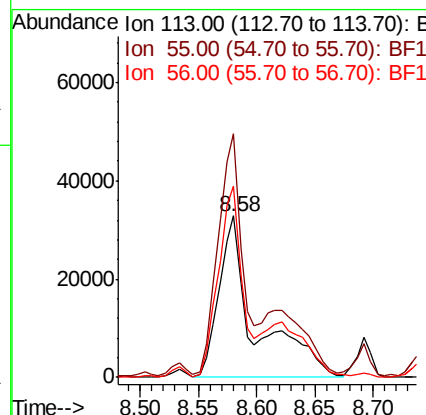
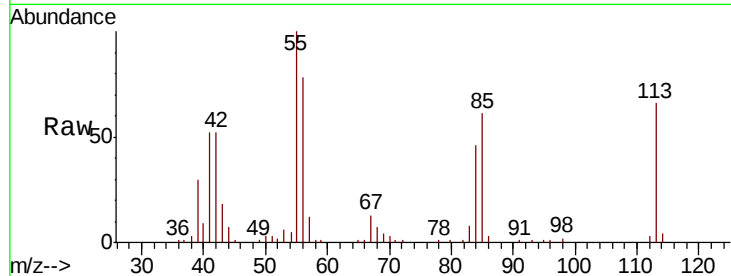
#35
 Caprolactam
 Concen: 42.058 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	150.6	128.3	168.3		
56	118.2	93.2	133.2		

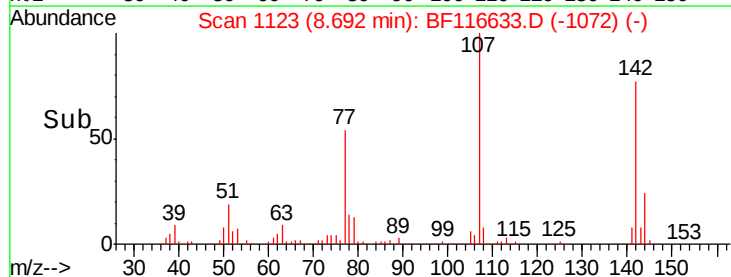
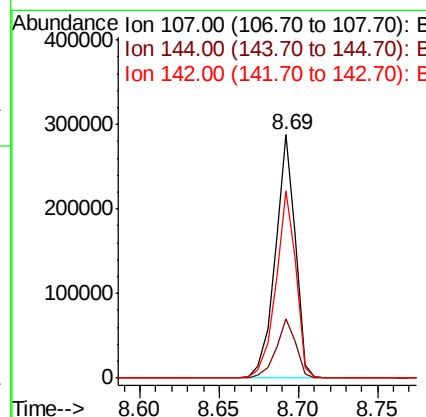
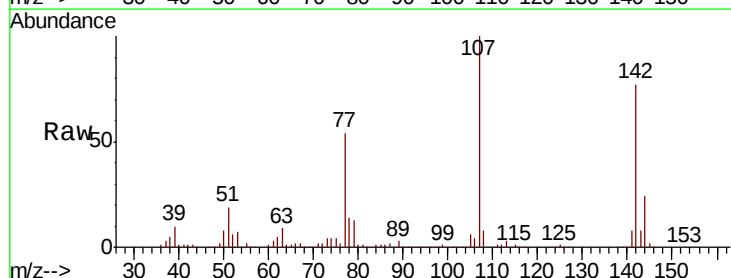
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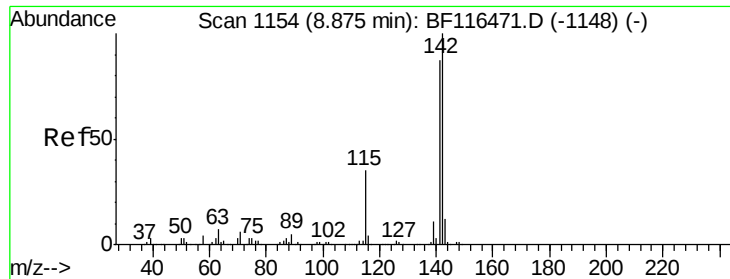
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#36
 4-Chloro-3-methylphenol
 Concen: 44.665 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.3	20.6	30.8		
142	76.8	63.8	95.6		





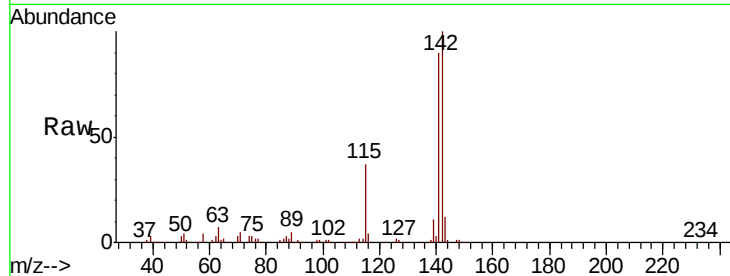
#37
2-Methylnaphthalene
Concen: 35.986 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.5	104.3
115	36.6	26.0	39.0

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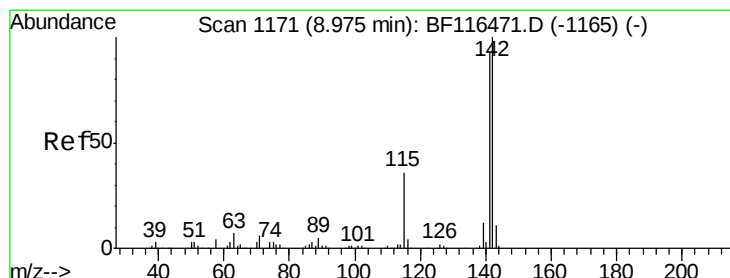
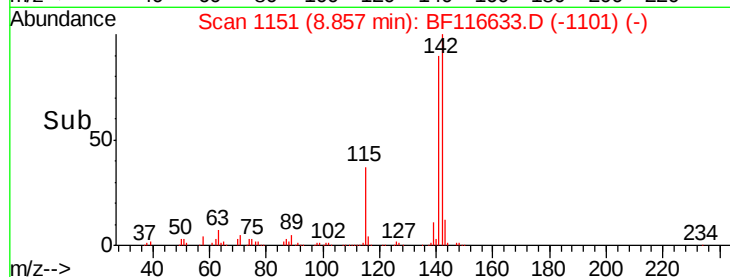
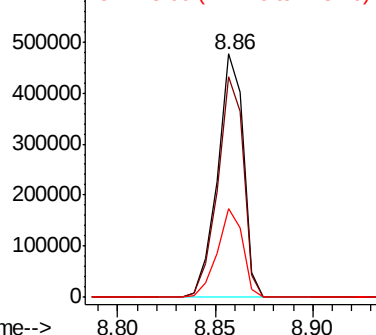


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 25.000 ng m
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

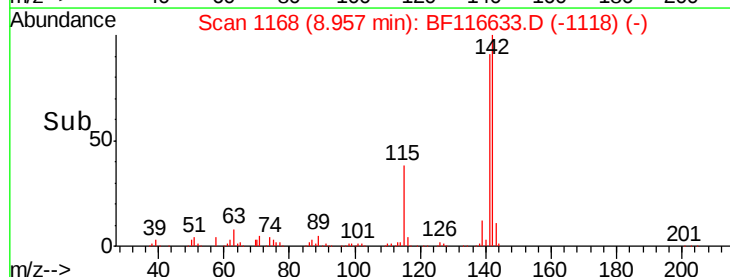
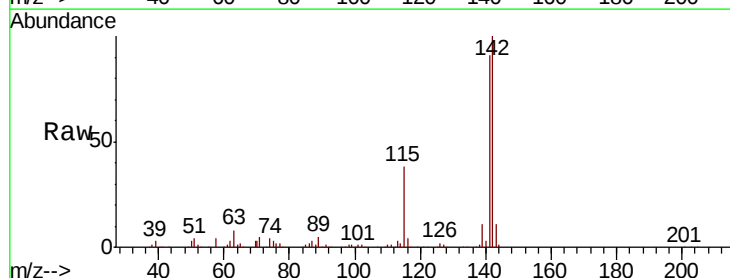
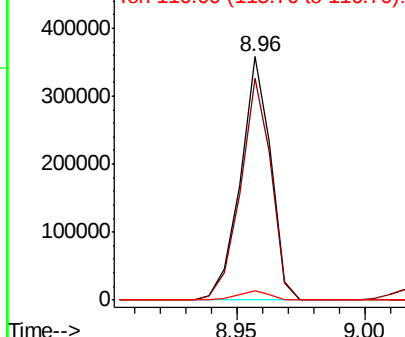
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.1	109.7
116	4.1	2.7	4.1#

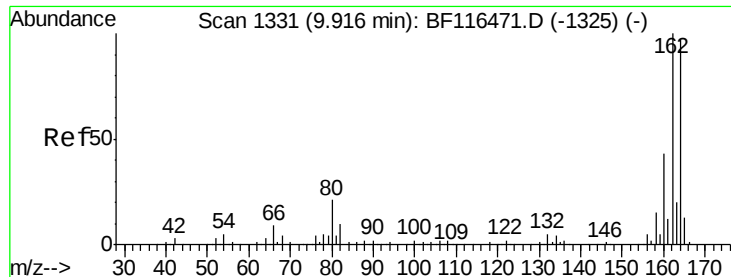
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





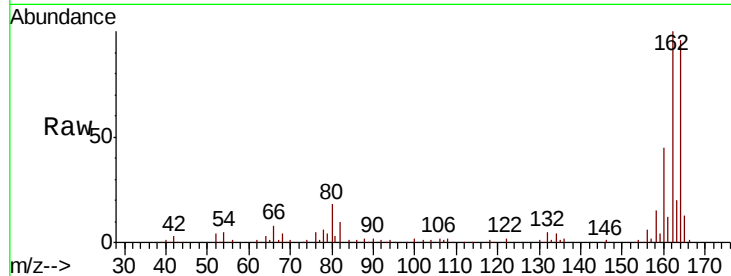
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

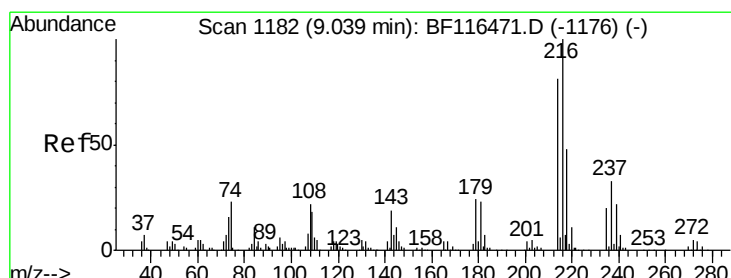
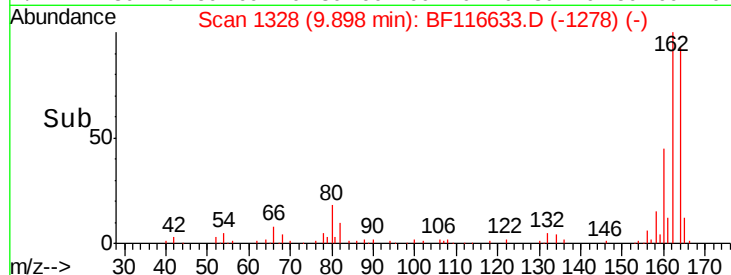
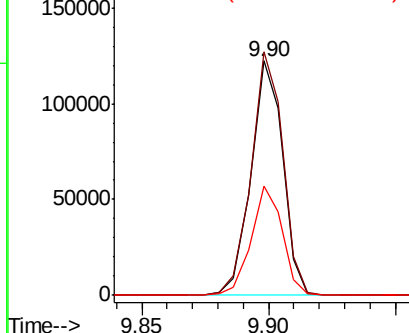
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.4	125.0
160	46.3	37.0	55.4

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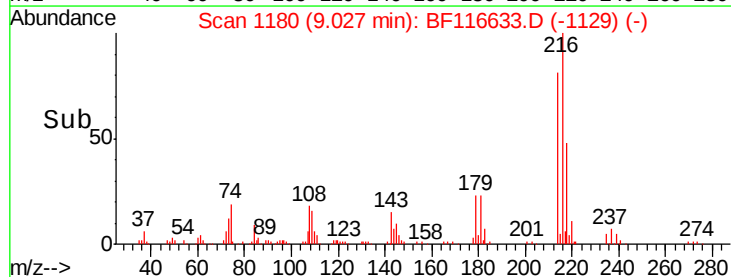
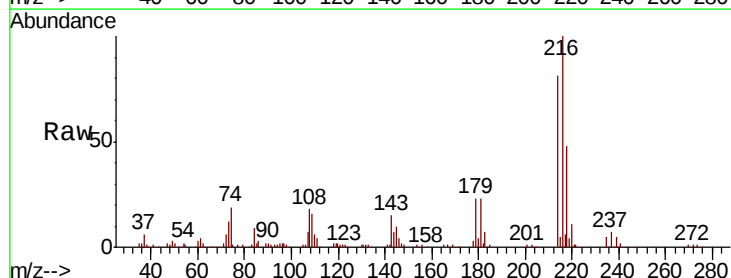
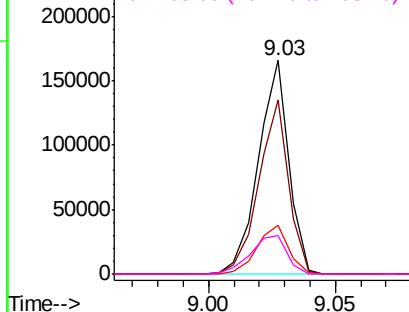
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

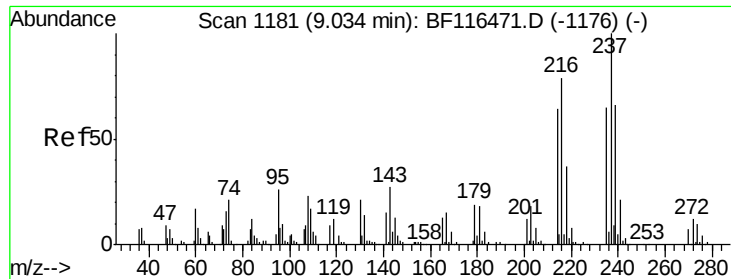


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.869 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.3	94.9
179	23.5	17.9	26.9
108	21.8	16.0	24.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 56.283 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

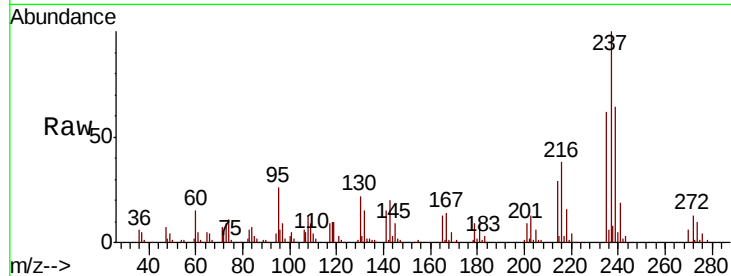
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

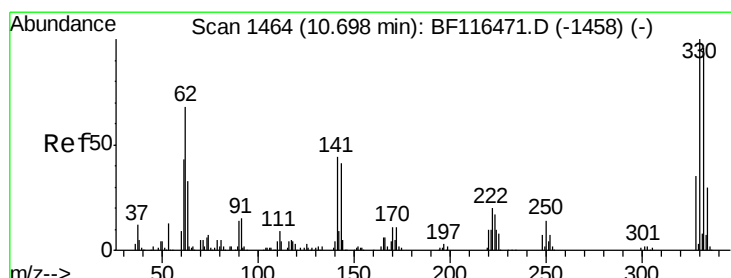
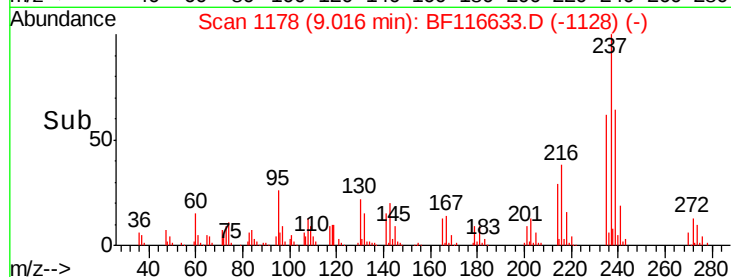
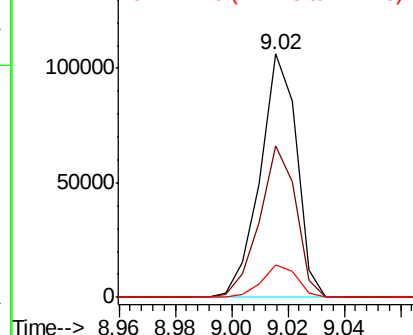
Tot Ion:	237	Resp:	95683
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.9	82.9
272	13.4	0.0	33.8

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 161.249 ng

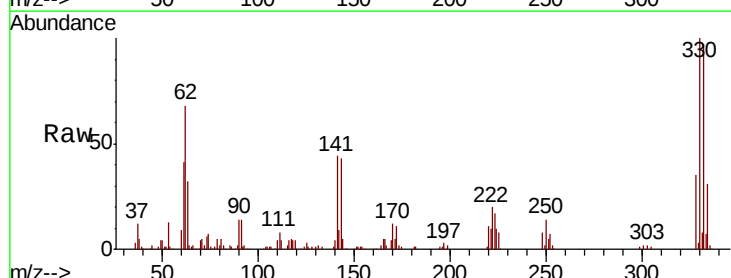
RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

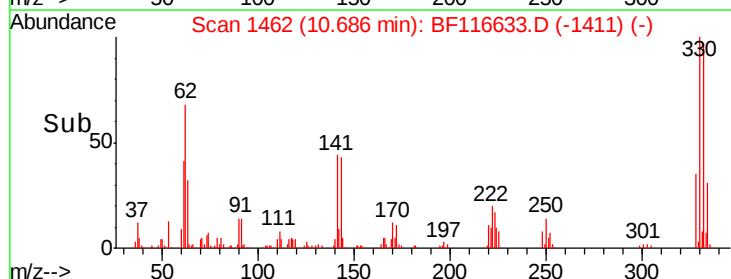
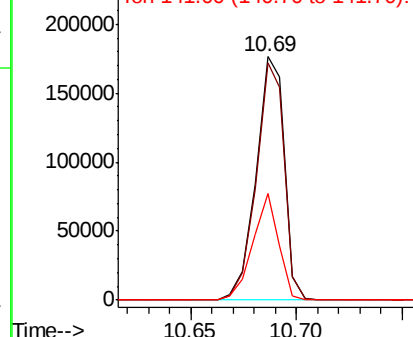
Lab File: BF116633.D

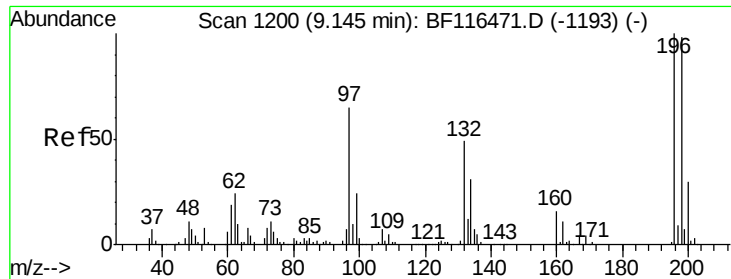
Acq: 28 Aug 2019 23:40

Tgt Ion:	330	Resp:	164193
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.5	116.3
141	39.9	28.2	42.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





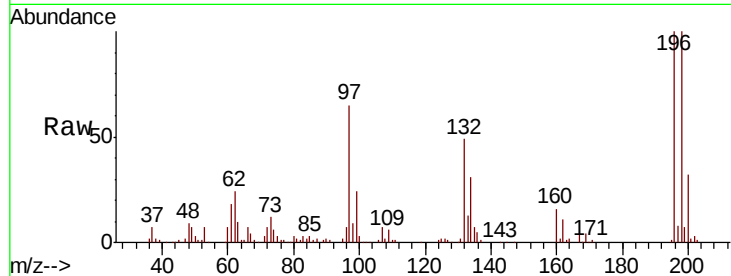
#43
 2,4,6-Trichlorophenol
 Concen: 47.364 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.4	76.8	115.2
200	32.4	25.0	37.6

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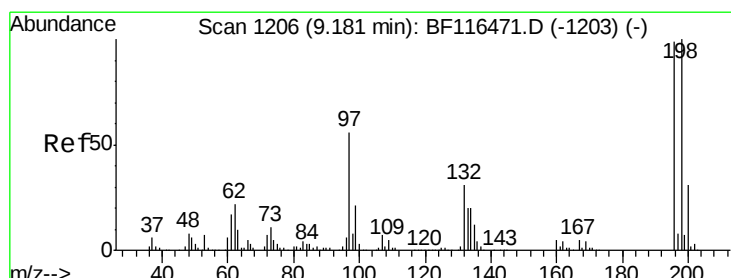
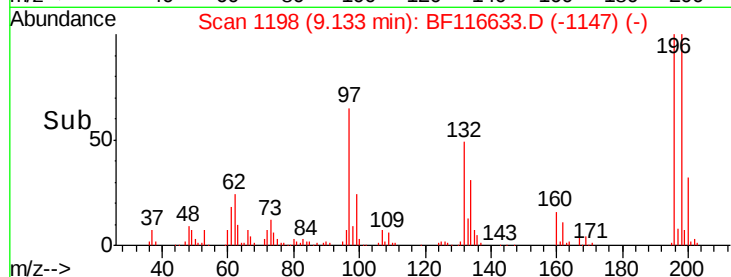
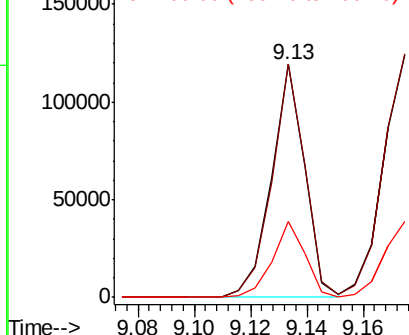


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 50.799 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	82.0	123.0
97	53.4	37.0	55.6
132	30.0	22.2	33.2

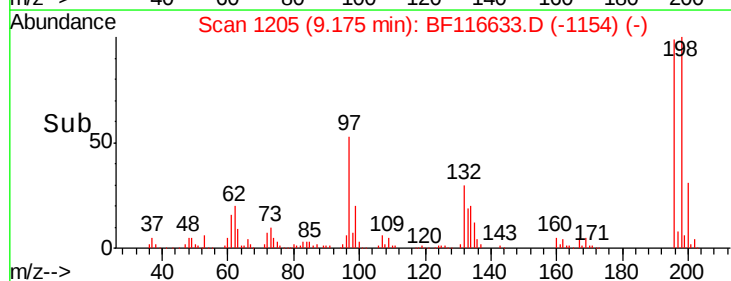
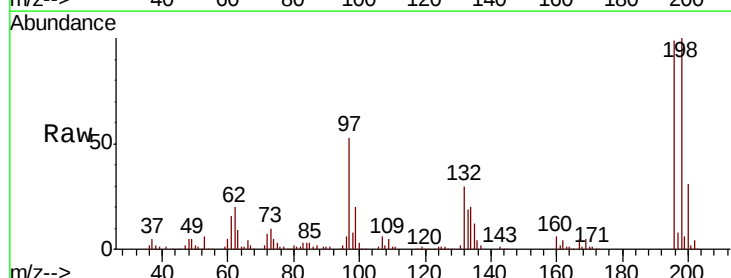
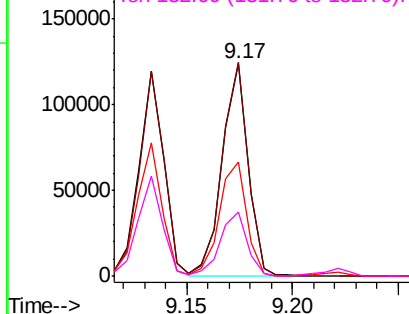
Abundance

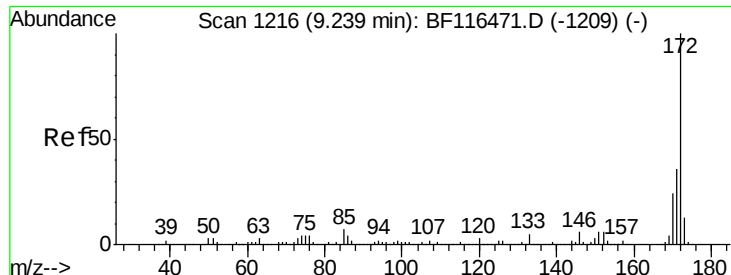
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 109.857 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

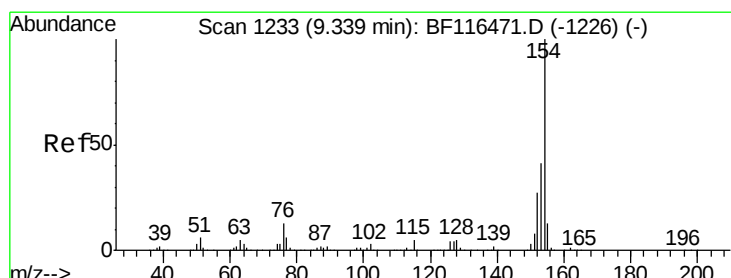
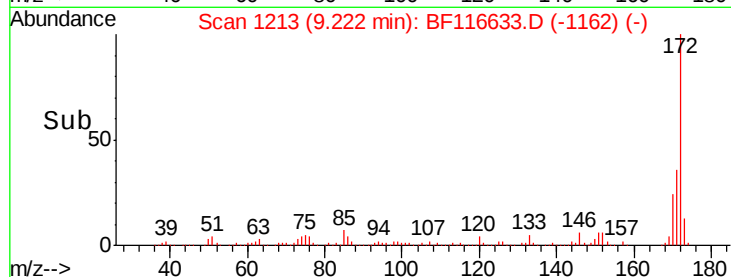
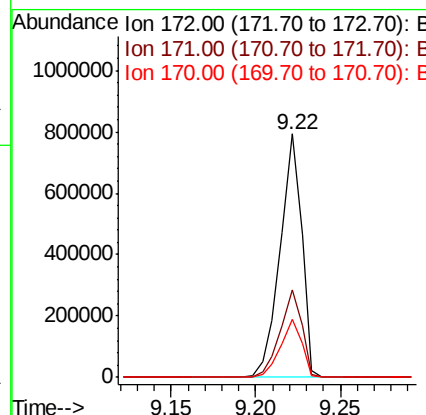
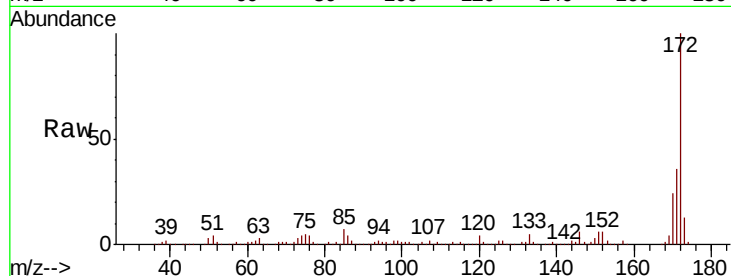
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

Tot Ion:	172	Resp:	706356
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.0	43.6
170	23.7	19.3	28.9

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#46

1,1'-Biphenyl

Concen: 49.051 ng

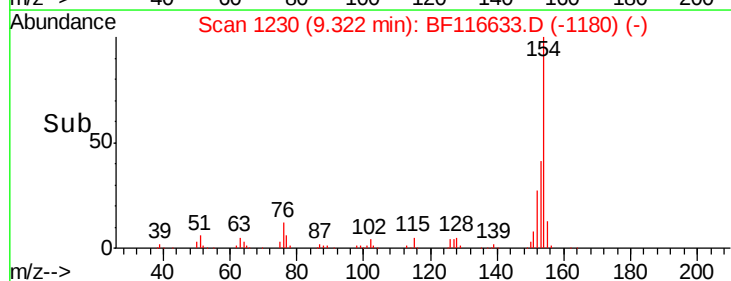
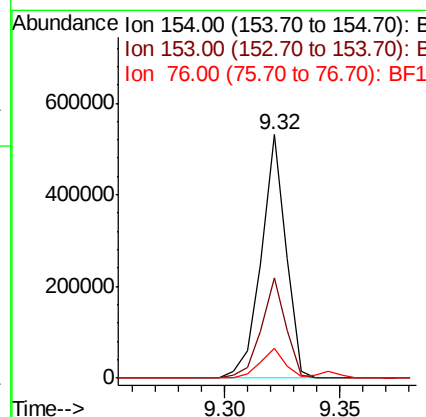
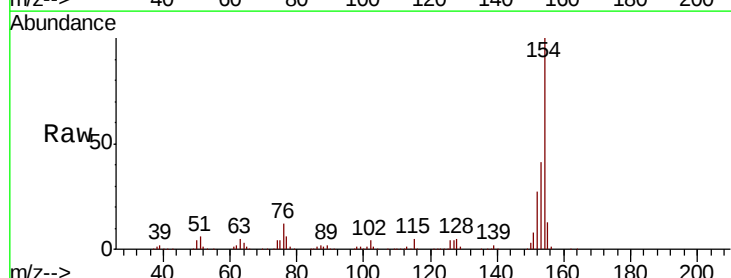
RT: 9.32 min Scan# 1230

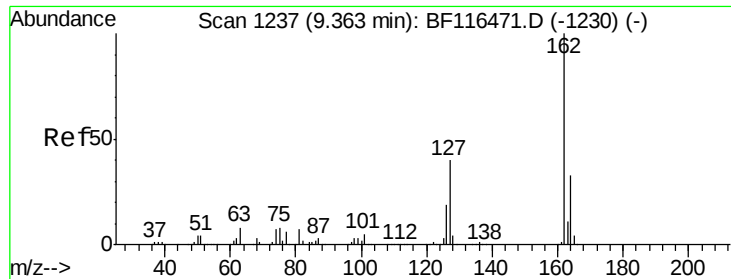
Delta R.T. -0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	154	Resp:	398429
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.4	61.4
76	12.4	0.0	31.8





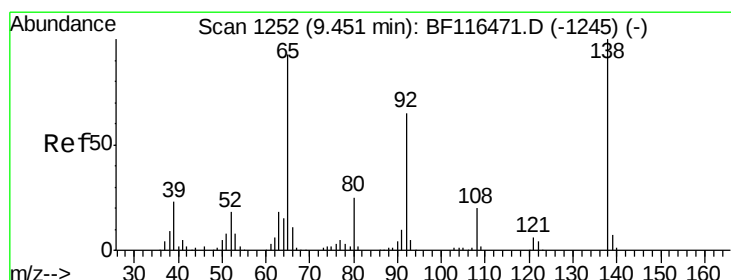
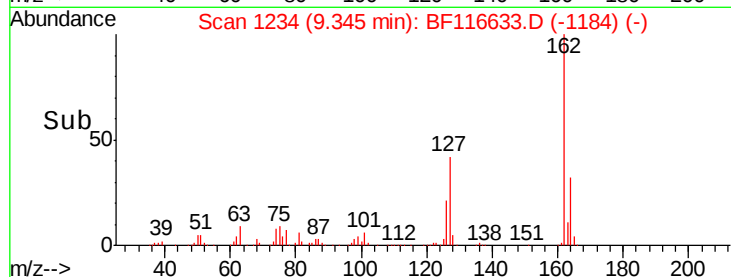
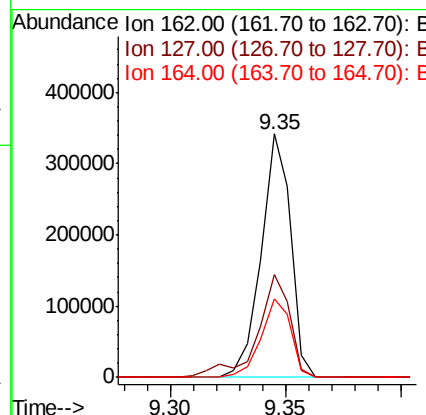
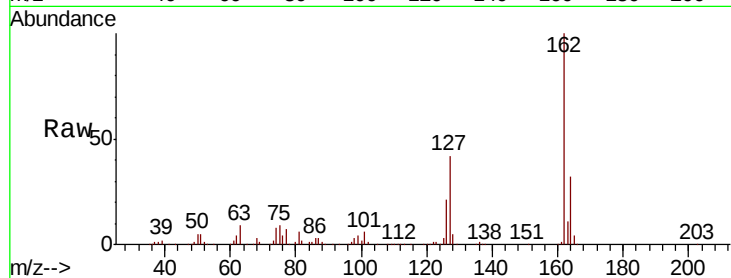
#47
 2-Chloronaphthalene
 Concen: 48.033 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		304154		
127	42.5	31.1	46.7		
164	32.2	26.8	40.2		

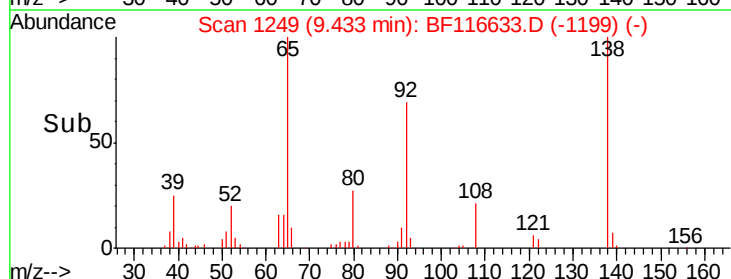
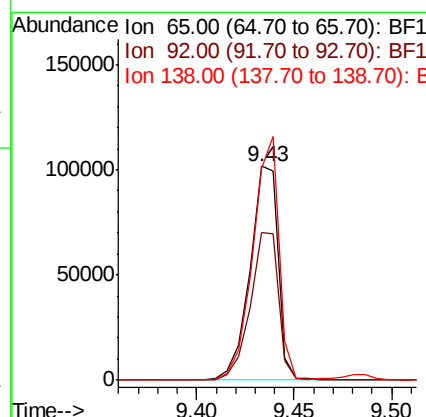
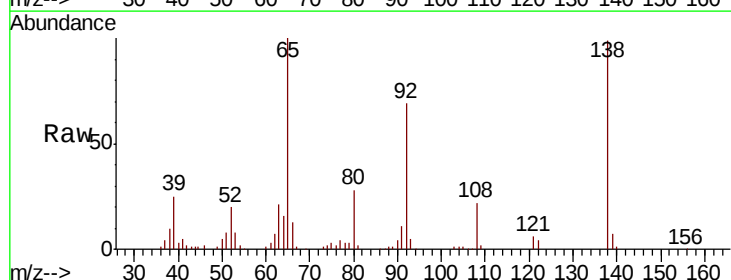
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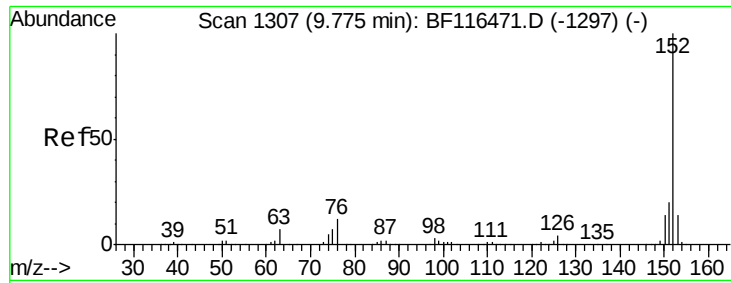
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#48
 2-Nitroaniline
 Concen: 50.809 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		101755		
92	68.7	58.2	87.2		
138	99.0	96.6	144.8		





#49

Acenaphthylene

Concen: 51.725 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

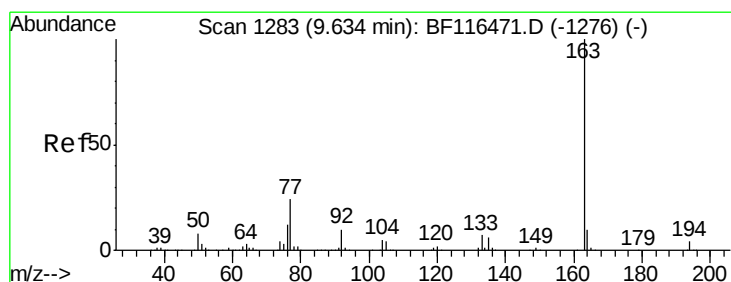
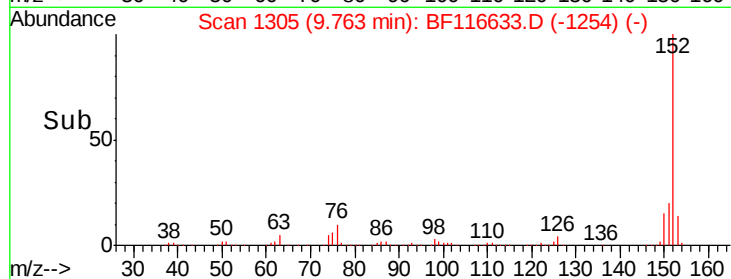
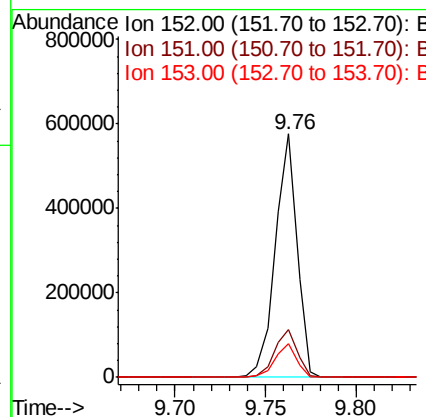
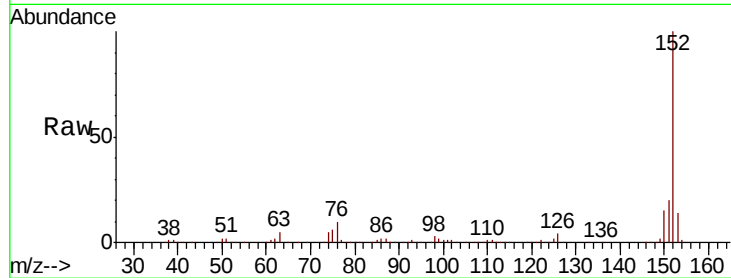
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

Tot Ion:	152	Resp:	481074
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.4	24.6
153	13.7	11.3	16.9

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#50

Dimethylphthalate

Concen: 56.670 ng

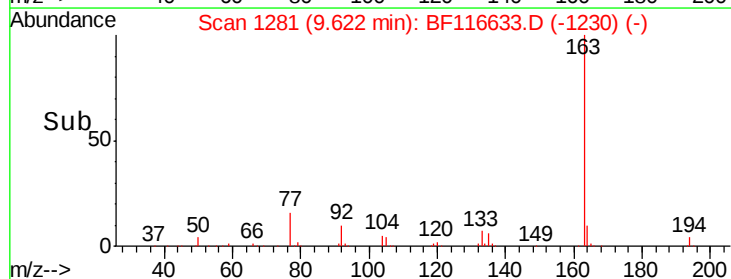
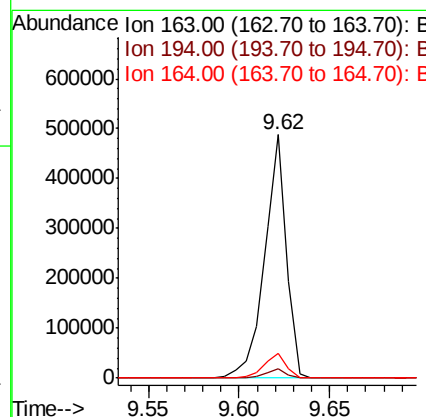
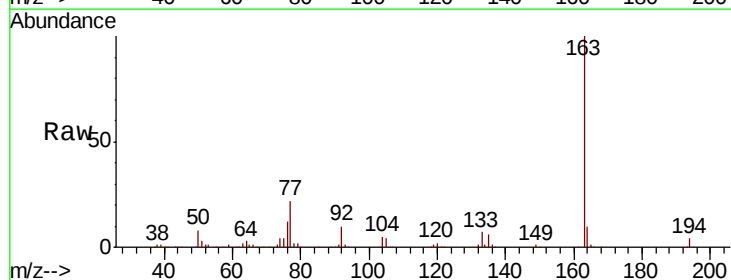
RT: 9.62 min Scan# 1281

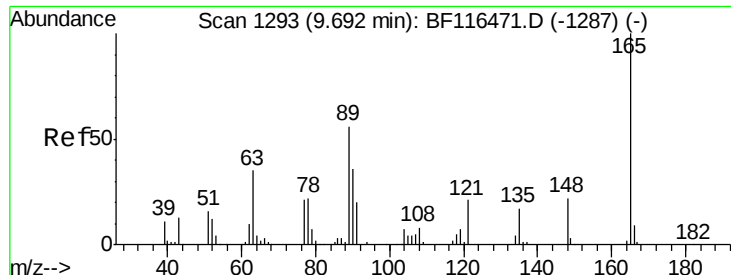
Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	163	Resp:	407668
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.3	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 51.088 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

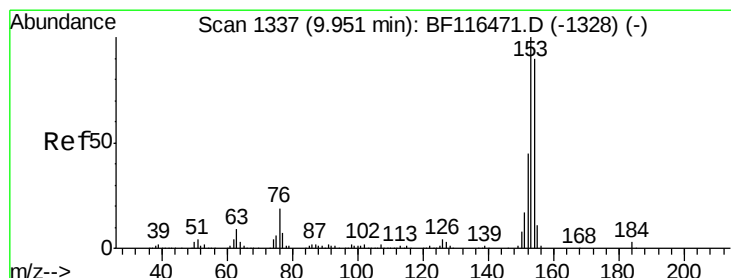
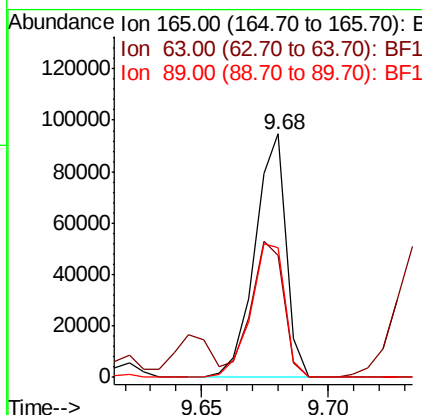
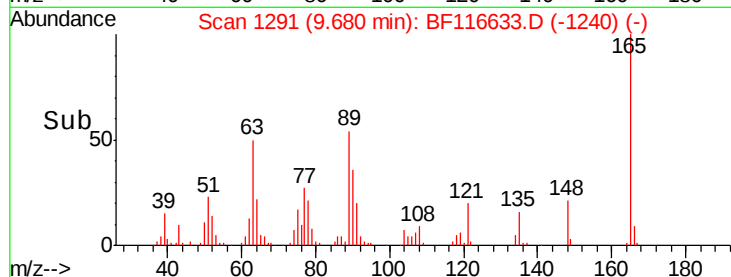
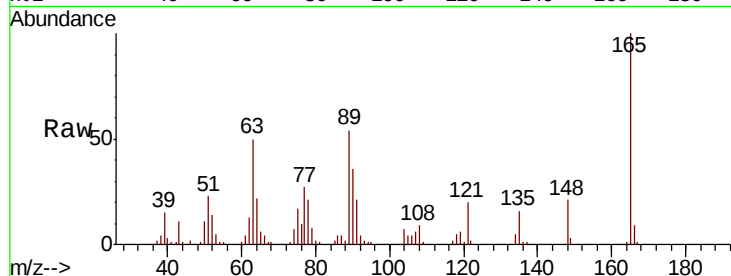
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

Tot Ion:	165	Resp:	81042
Ion Ratio	Lower	Upper	
165	100		
63	50.4	37.2	55.8
89	53.5	40.8	61.2

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#52

Acenaphthene

Concen: 52.905 ng

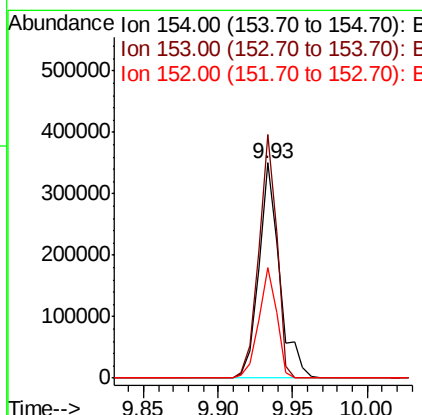
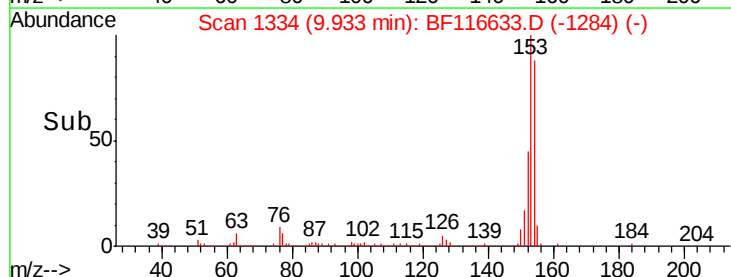
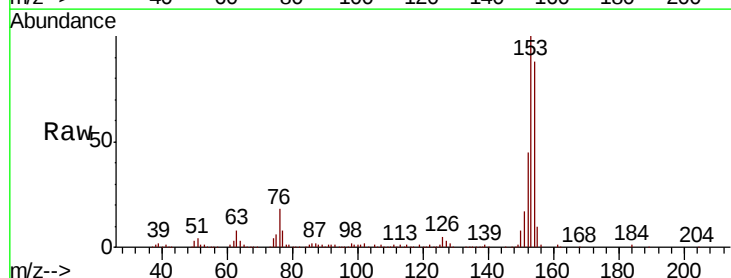
RT: 9.93 min Scan# 1334

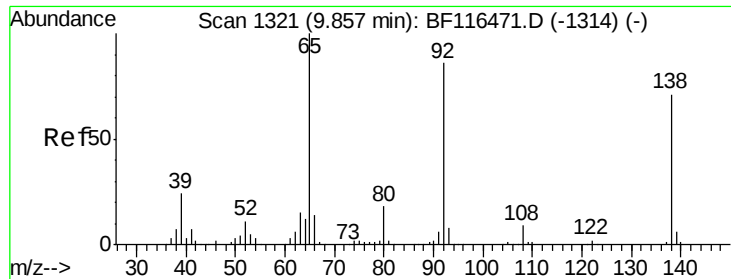
Delta R.T. -0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	154	Resp:	333166
Ion Ratio	Lower	Upper	
154	100		
153	113.2	86.6	129.8
152	51.4	39.4	59.0





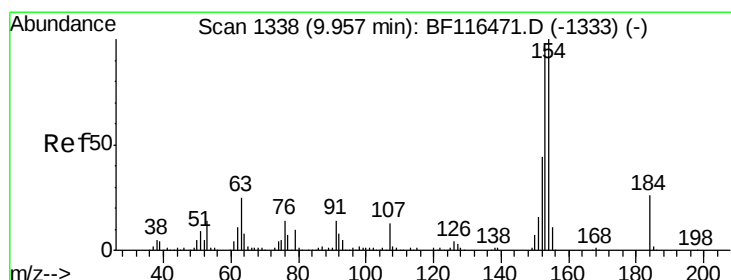
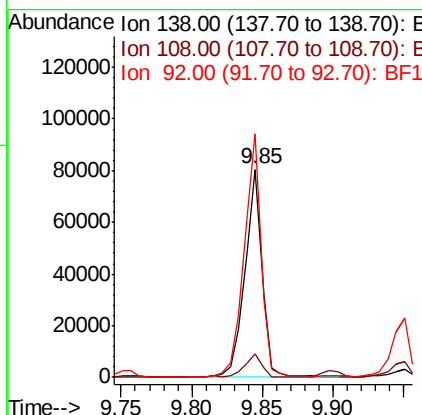
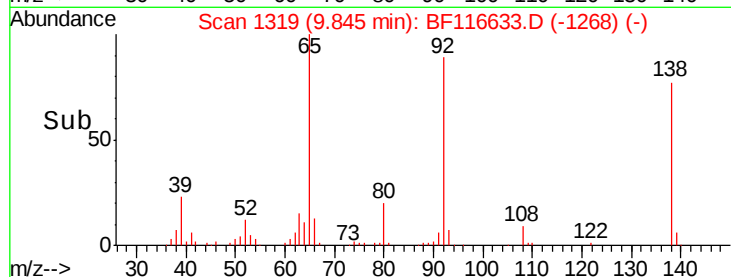
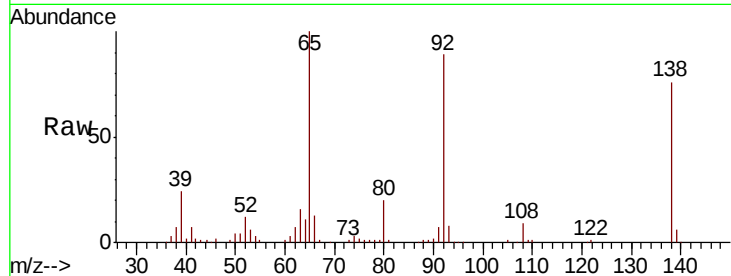
#53
 3-Nitroaniline
 Concen: 36.136 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	116.9	91.6	137.4

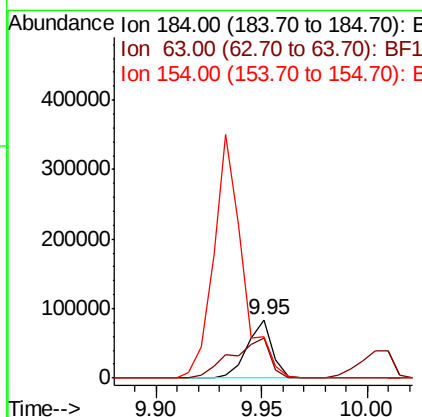
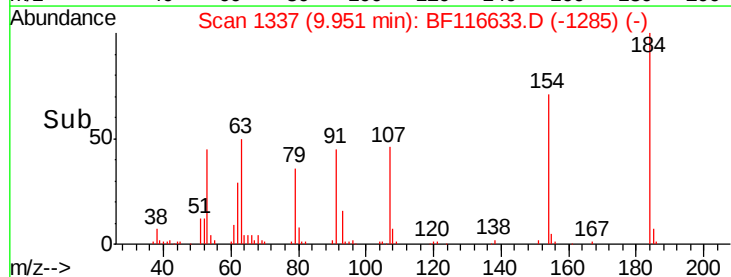
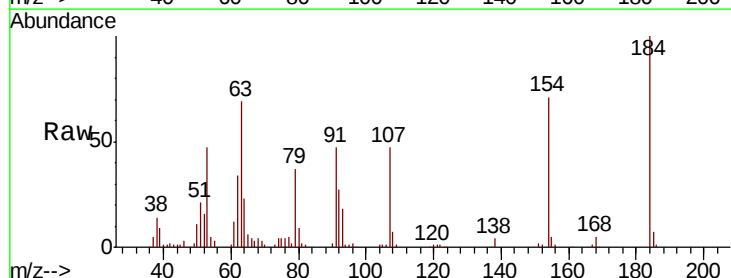
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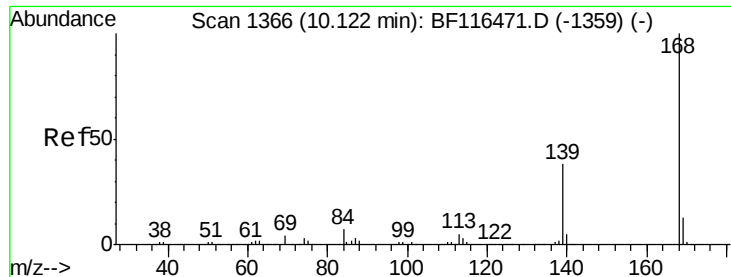
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#54
 2,4-Dinitrophenol
 Concen: 88.486 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	62.7	94.1
154	71.1	150.0	225.0#





#55

Dibenzenofuran

Concen: 50.852 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

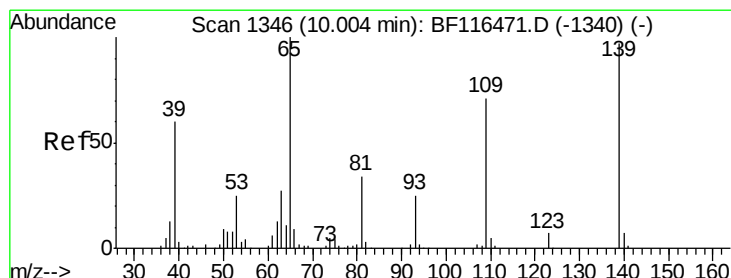
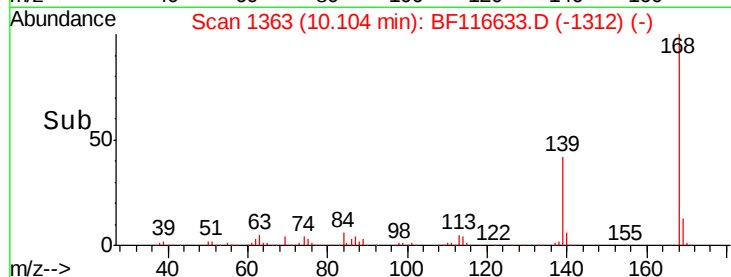
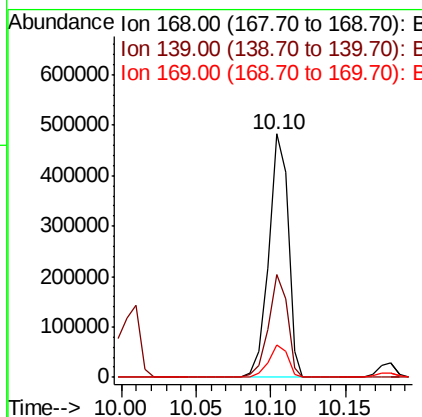
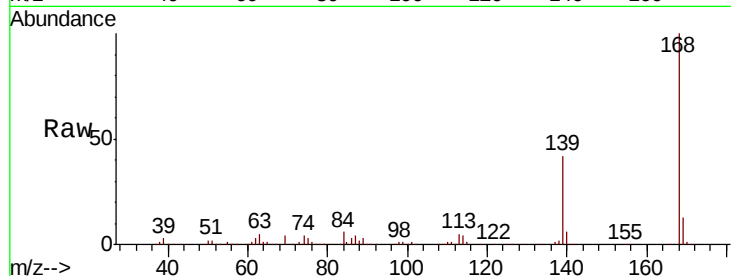
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

Tot Ion:	168	Resp:	431243
Ion Ratio	Lower	Upper	
168	100		
139	42.2	31.3	46.9
169	13.5	11.3	16.9

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#56

4-Nitrophenol

Concen: 100.583 ng

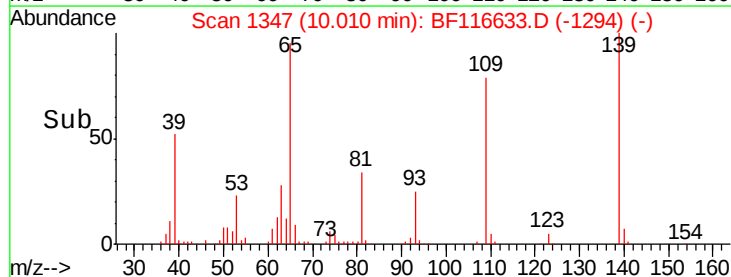
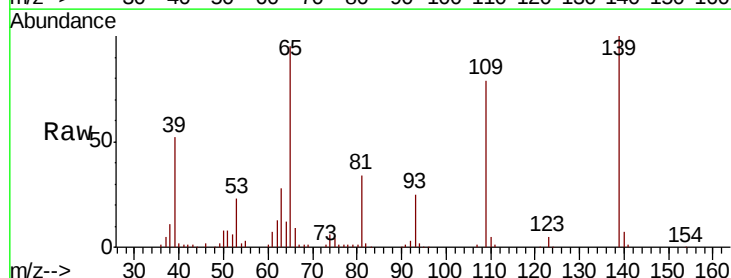
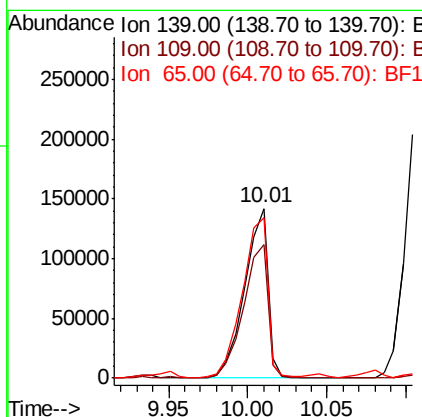
RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	139	Resp:	144832
Ion Ratio	Lower	Upper	
139	100		
109	78.5	45.5	85.5
65	94.8	66.8	106.8





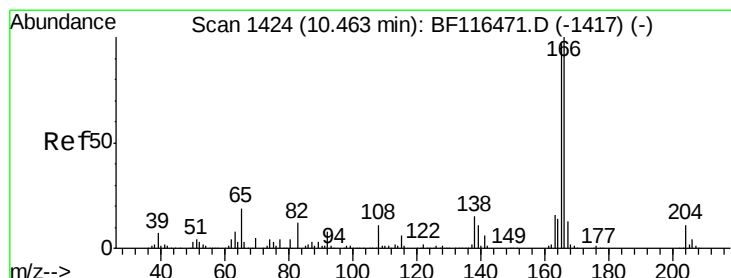
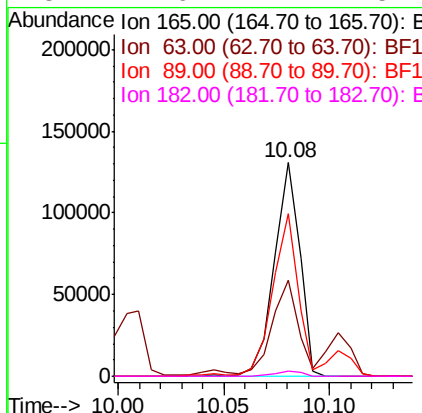
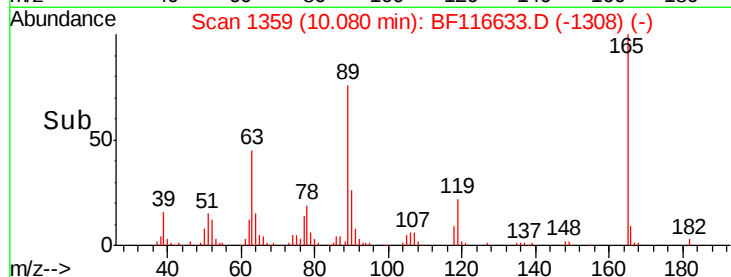
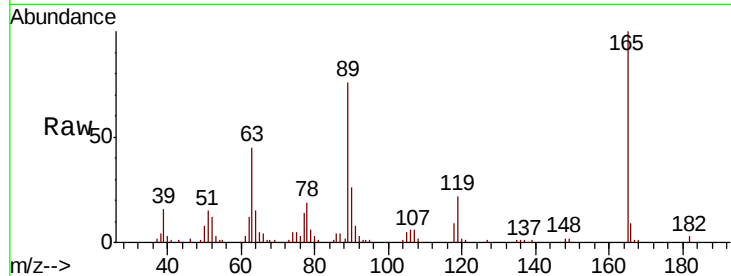
#57
 2,4-Dinitrotoluene
 Concen: 52.643 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	30.9	46.3
89	76.2	55.0	82.6
182	2.6	2.2	3.2

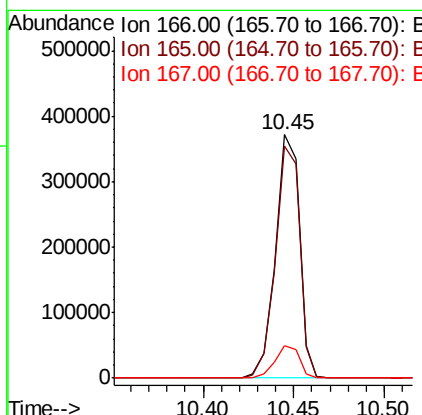
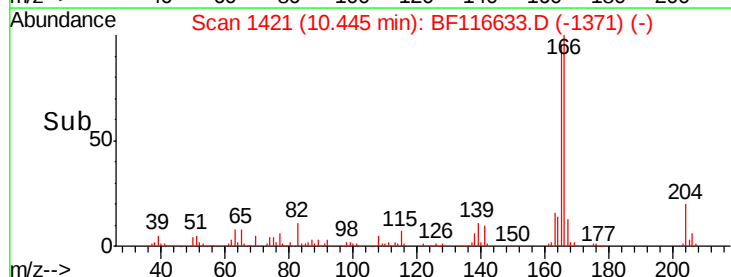
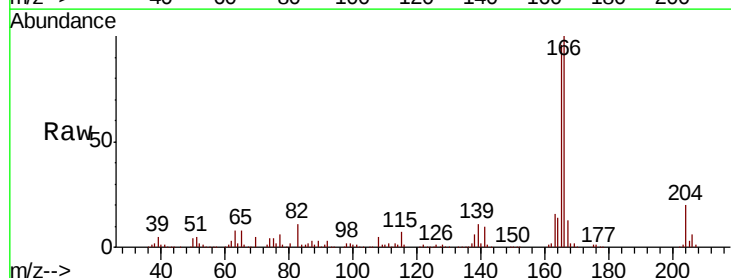
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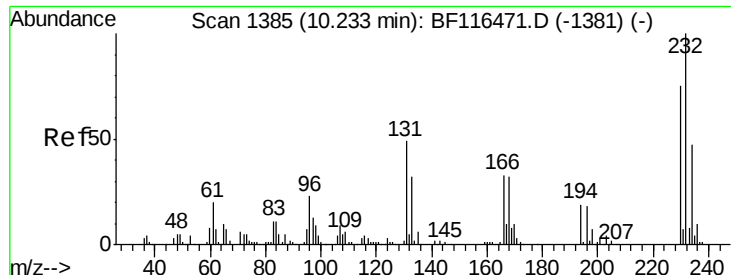
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#58
 Fluorene
 Concen: 53.130 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.8	116.6
167	13.2	10.6	16.0





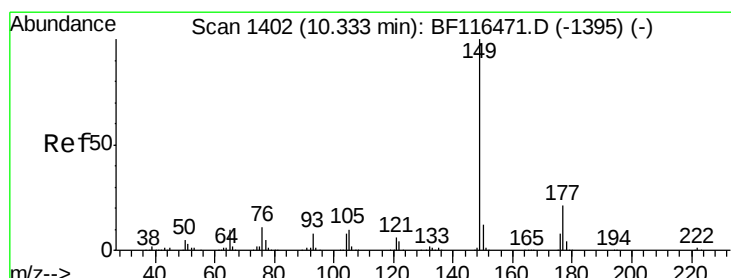
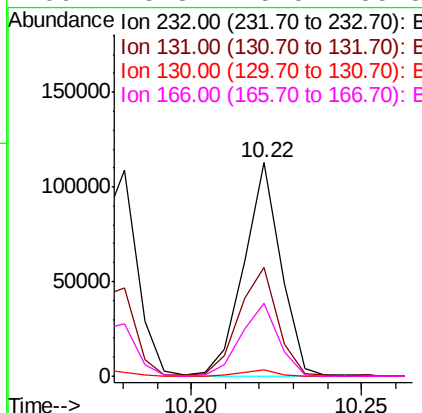
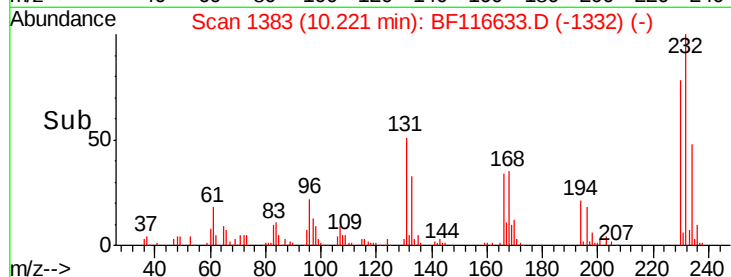
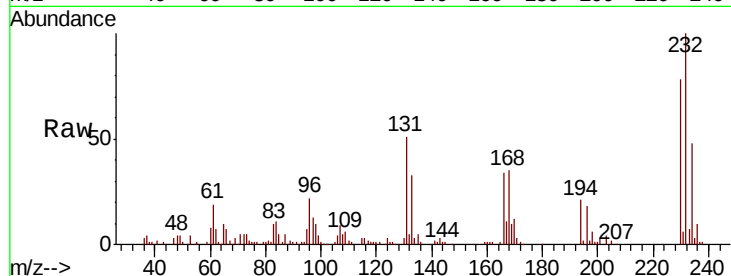
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.530 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	37.7	56.5
130	2.5	1.8	2.6
166	28.3	25.5	38.3

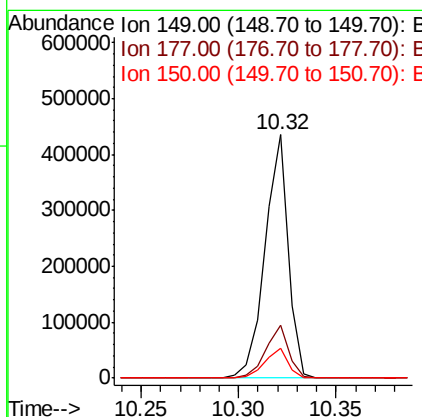
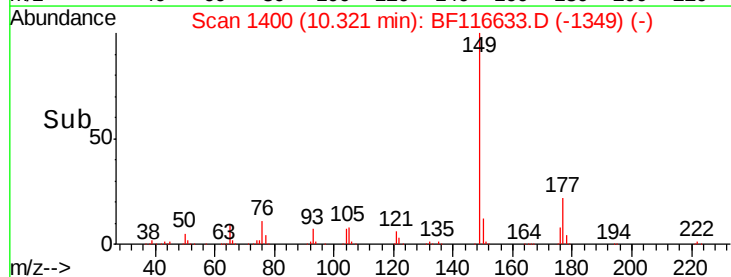
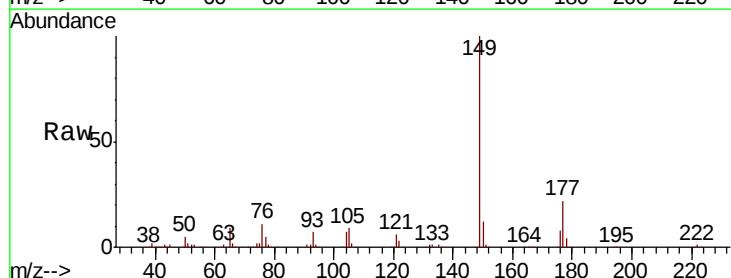
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#60
Diethylphthalate
Concen: 50.973 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.2	27.4
150	12.0	10.1	15.1





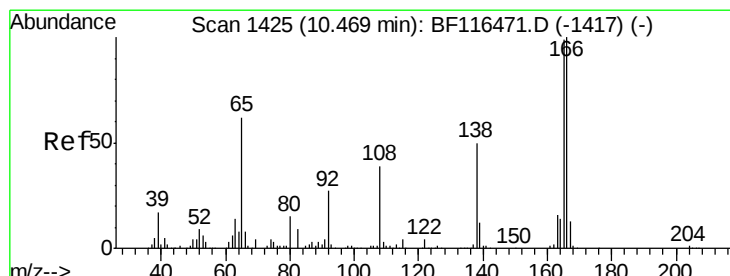
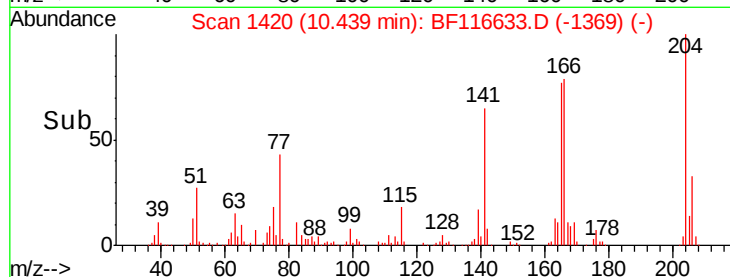
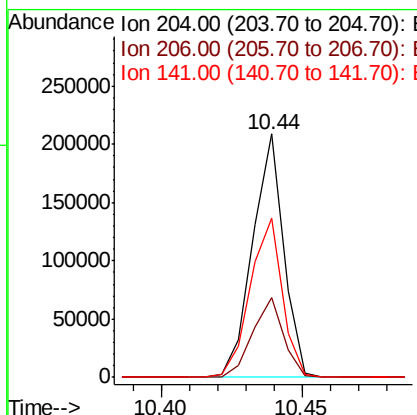
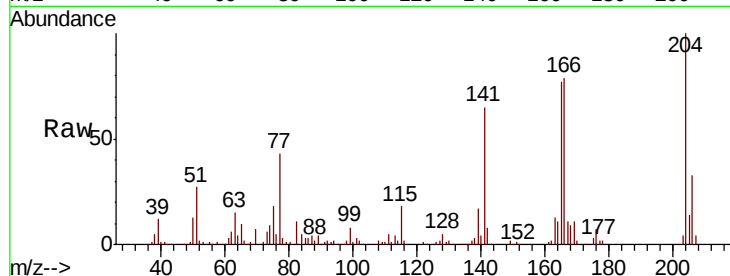
#61
 4-Chlorophenyl-phenylether
 Concen: 49.497 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion:	204	Resp:	159702
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.0	39.0
141	65.5	47.9	71.9

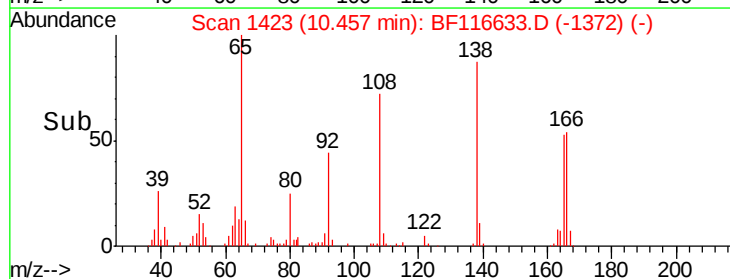
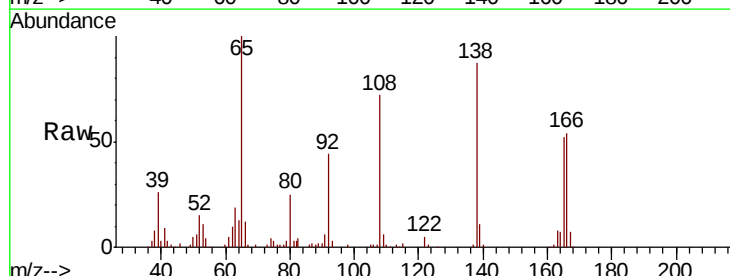
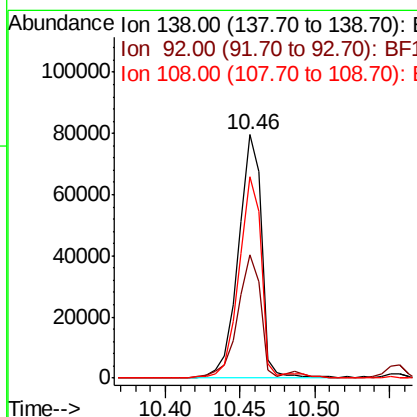
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#62
 4-Nitroaniline
 Concen: 46.827 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion:	138	Resp:	86296
Ion Ratio	Lower	Upper	
138	100		
92	50.8	28.9	68.9
108	82.9	49.3	89.3





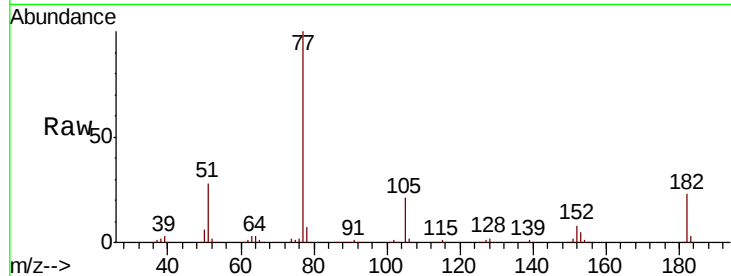
#63
Azobenzene
Concen: 50.528 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.1	3.8	43.8	
105	20.9	1.6	41.6	
51	28.1	6.1	46.1	

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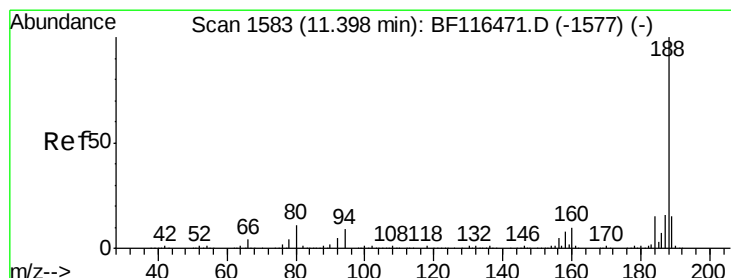
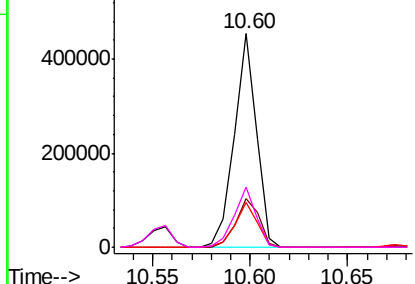
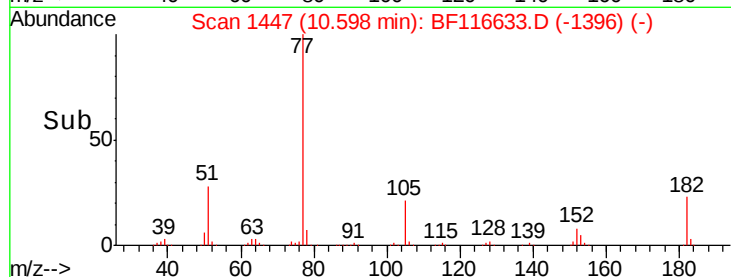
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

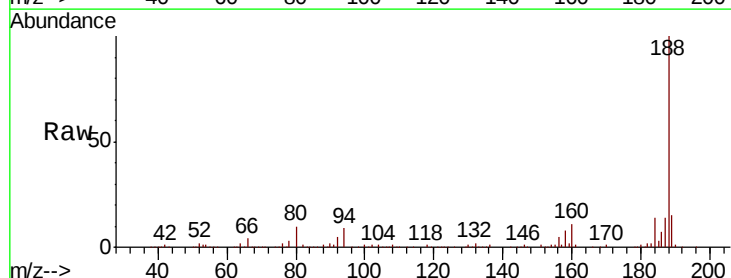
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.8	8.2	12.4	
80	10.3	8.9	13.3	

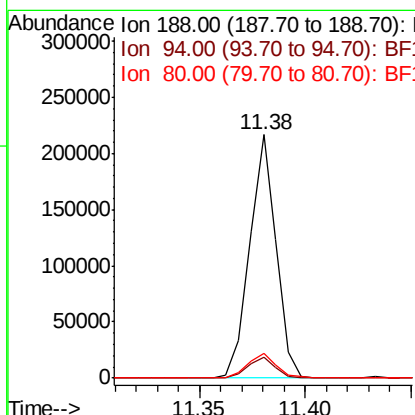
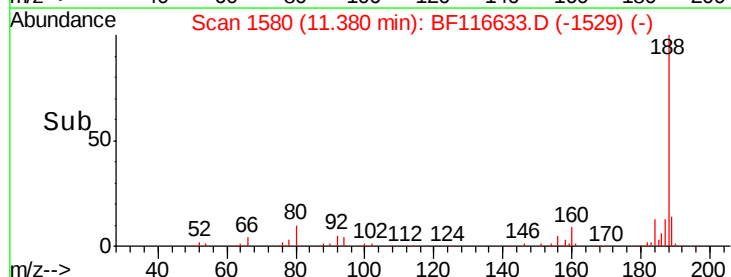


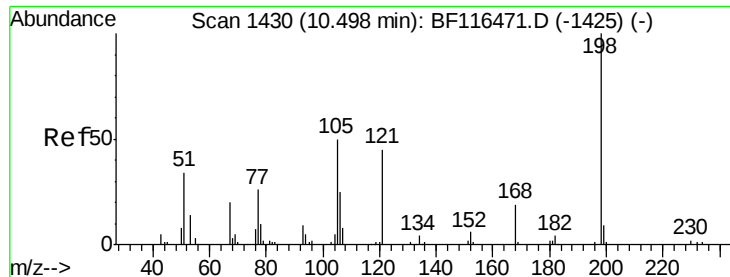
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





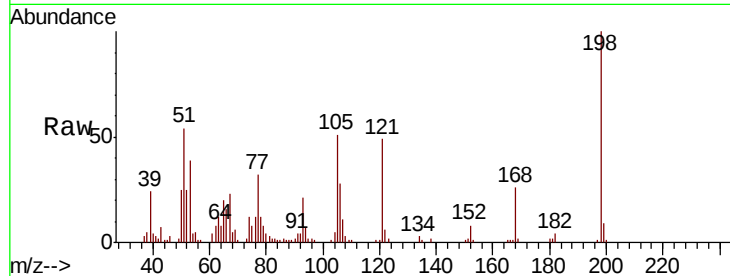
#65
4,6-Dinitro-2-methylphenol
Concen: 49.122 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

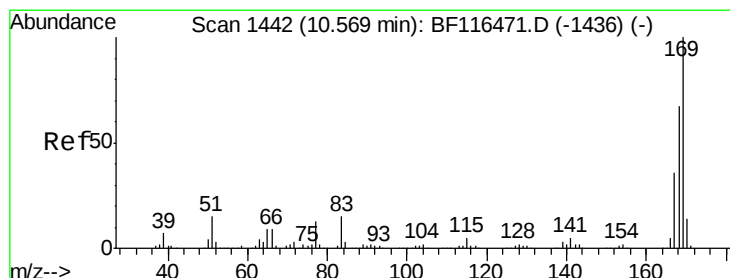
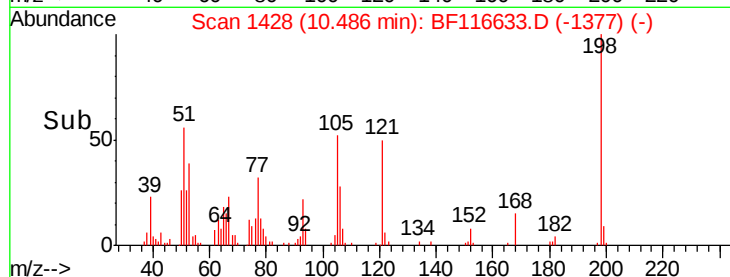
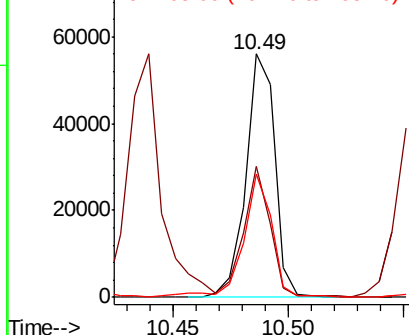
Tot Ion	Ratio	Lower	Upper
198	100		
51	54.0	21.9	61.9
105	50.9	25.2	65.2

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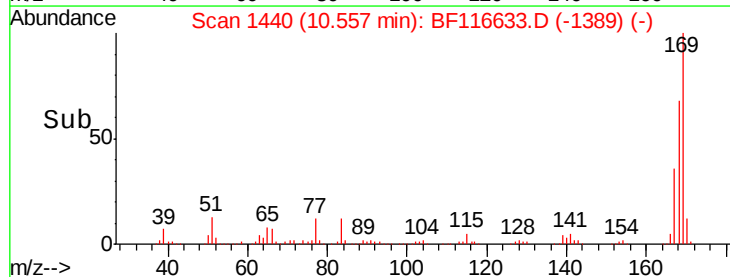
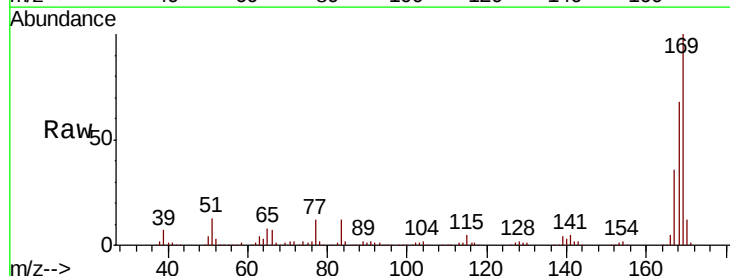
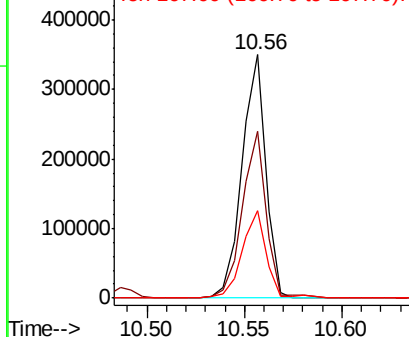
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

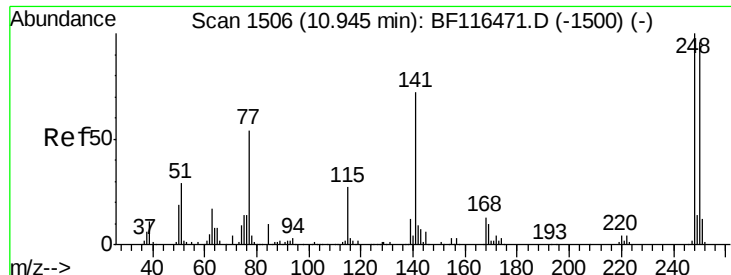


#66
n-Nitrosodiphenylamine
Concen: 49.731 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.8	80.8
167	35.9	29.3	43.9

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





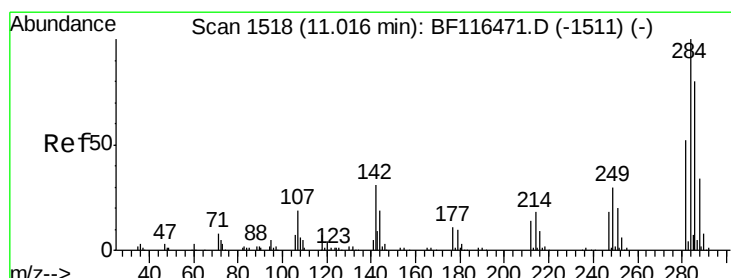
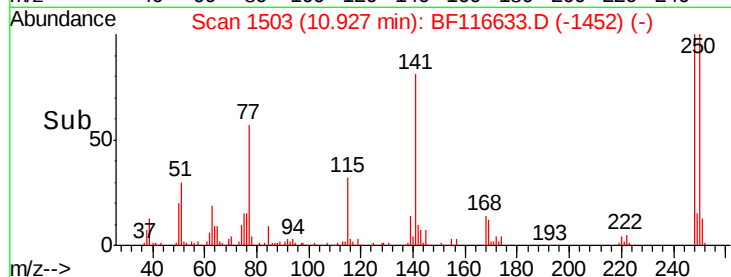
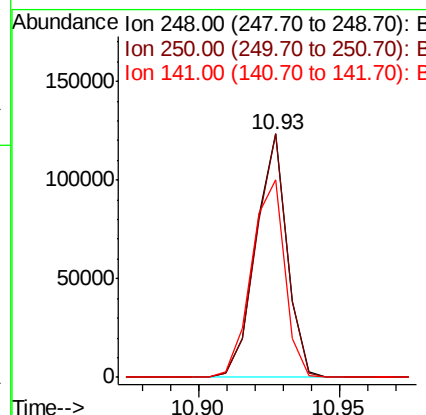
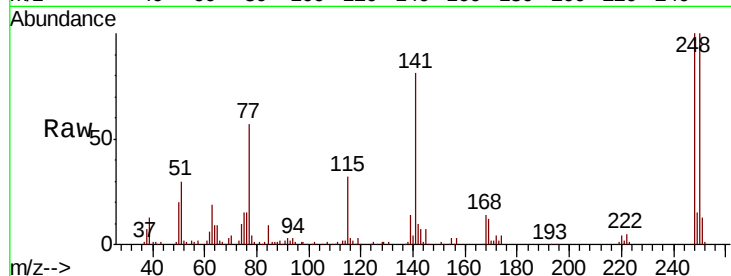
#67
4-Bromophenyl-phenylether
Concen: 47.429 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.6	115.0
141	81.2	60.8	91.2

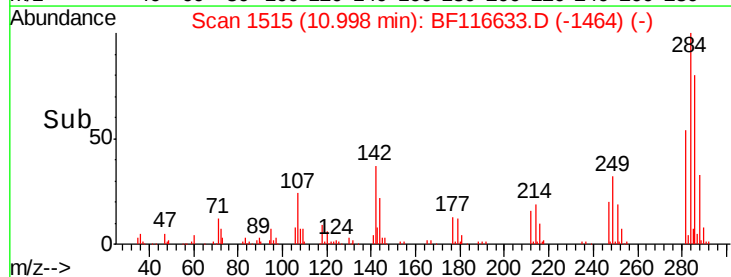
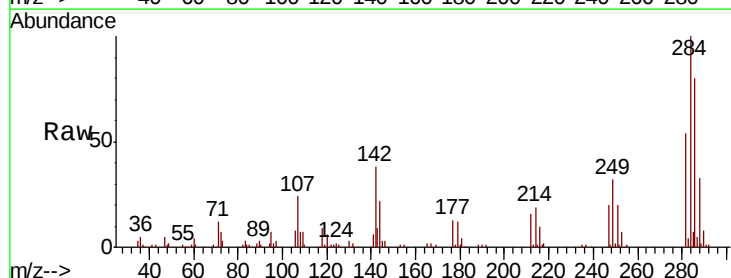
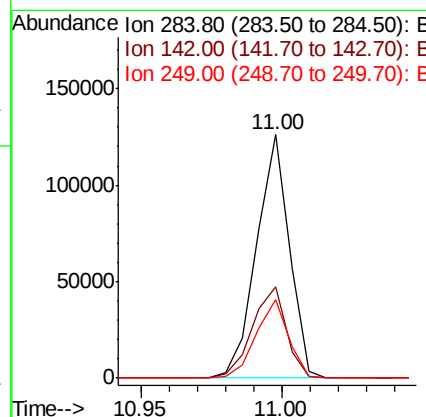
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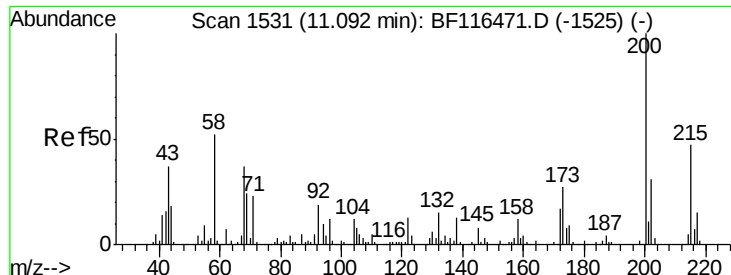
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#68
Hexachlorobenzene
Concen: 45.720 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	27.8	41.8
249	32.1	24.2	36.4





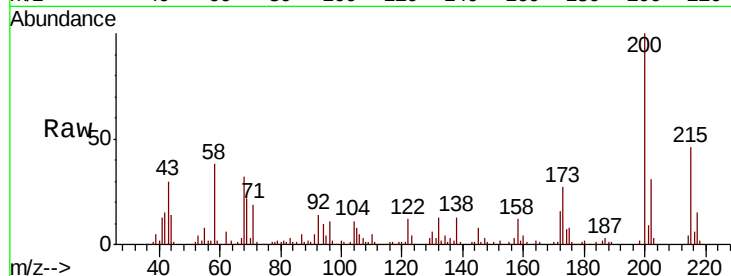
#69
Atrazine
Concen: 48.361 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.8	46.8
215	45.6	28.5	68.5

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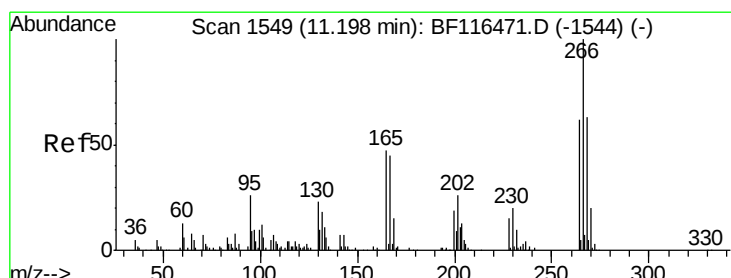
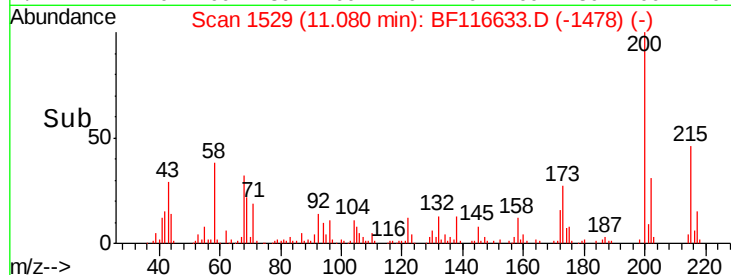
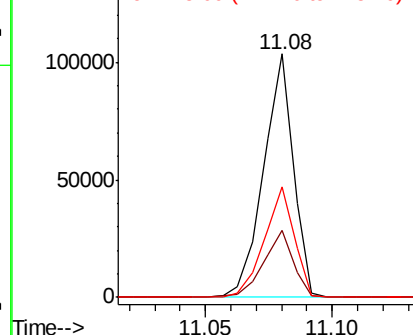


Abundance

Ion 200.00 (199.70 to 200.70): E

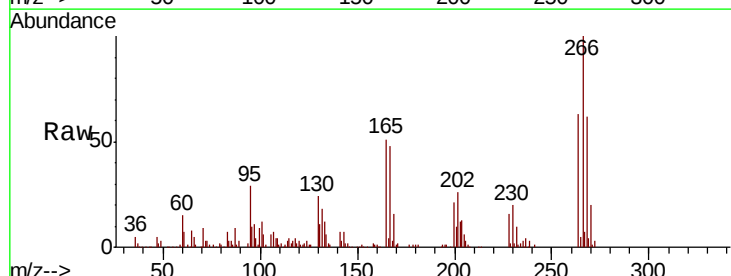
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 93.930 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	49.8	74.8
264	63.1	49.9	74.9

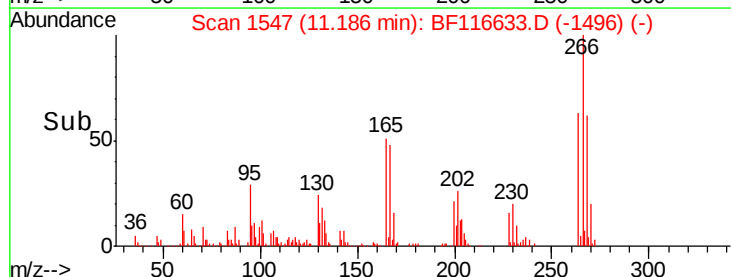
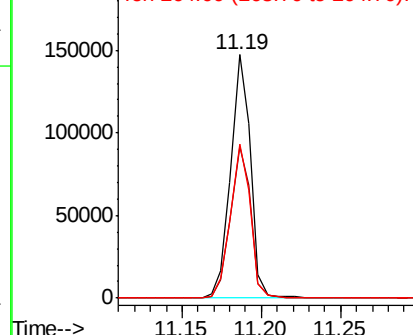


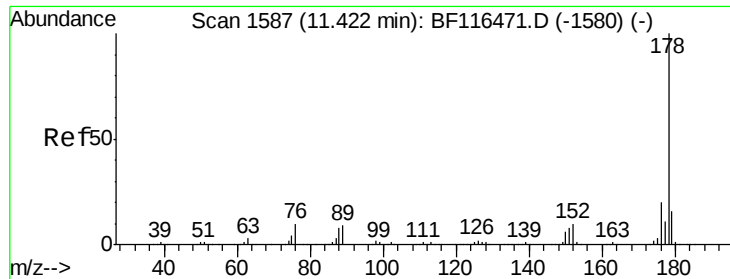
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





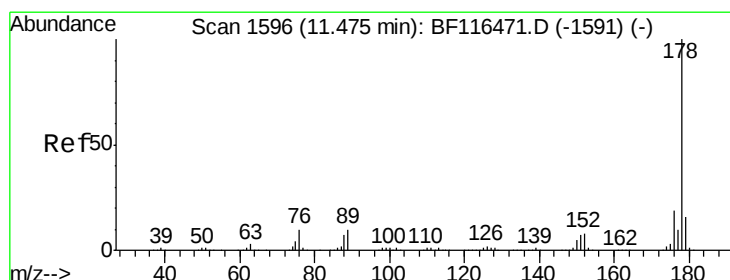
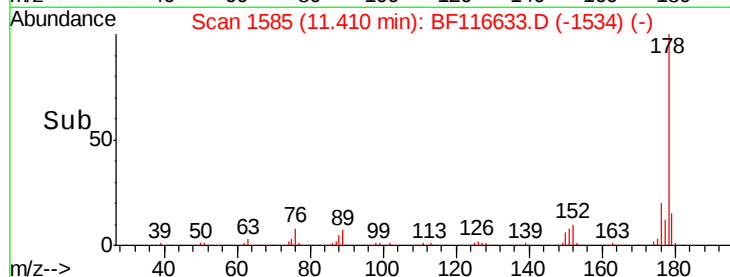
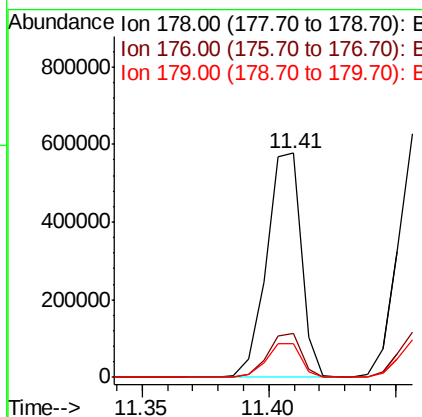
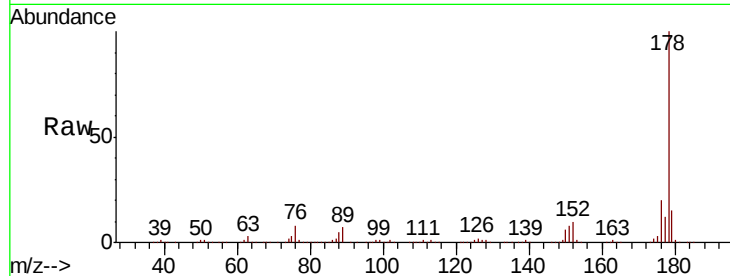
#71
Phenanthrene
Concen: 54.282 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.3	12.4	18.6

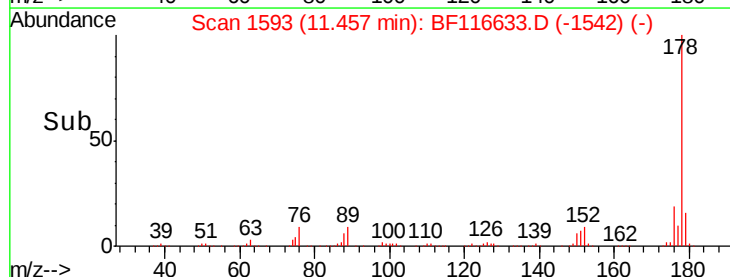
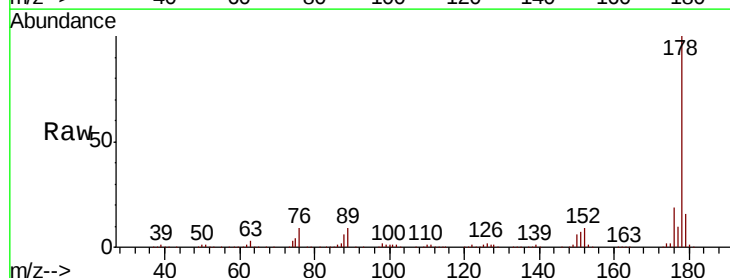
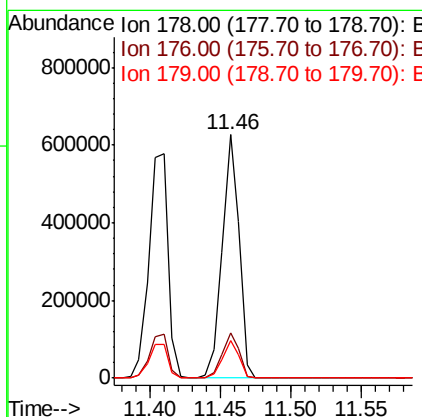
Manual Integrations
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#72
Anthracene
Concen: 51.755 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.6	12.7	19.1





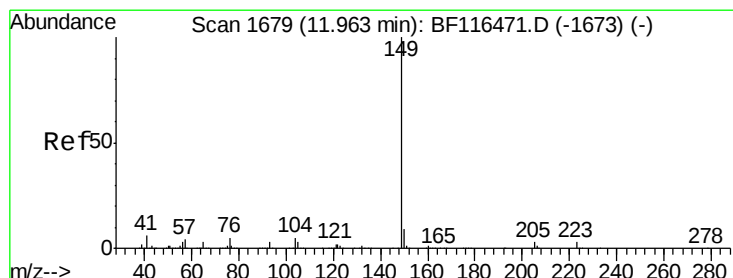
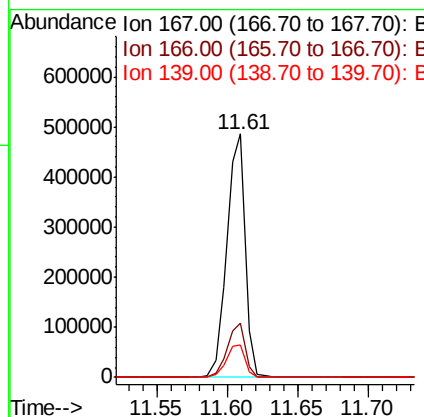
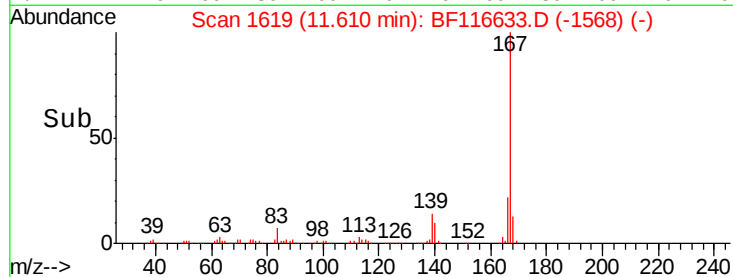
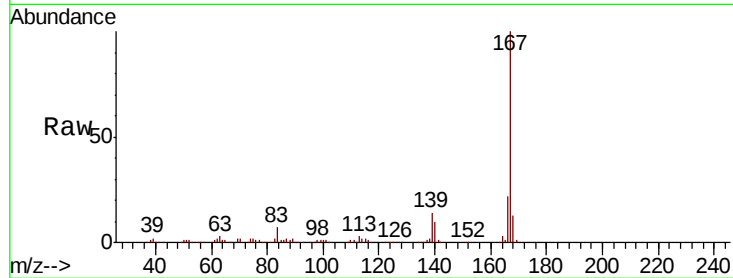
#73
 Carbazole
 Concen: 51.020 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.5	10.3	15.5

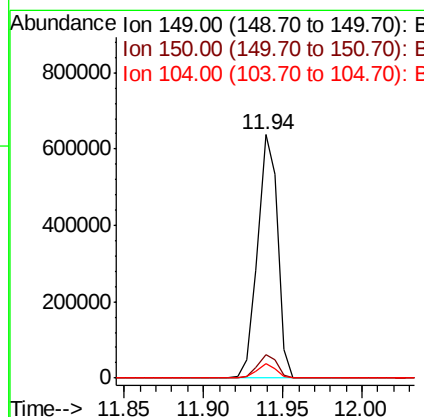
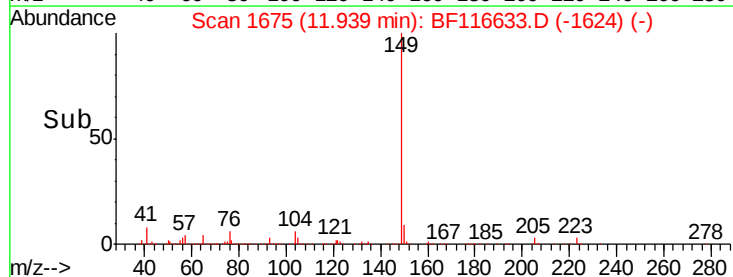
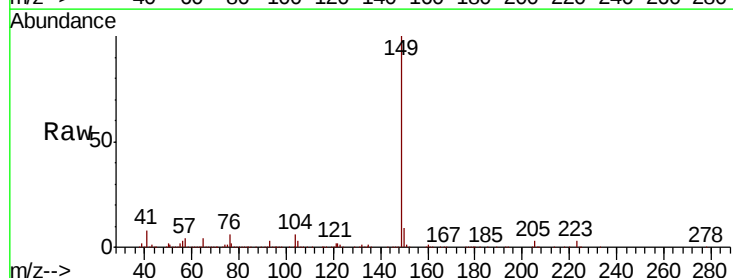
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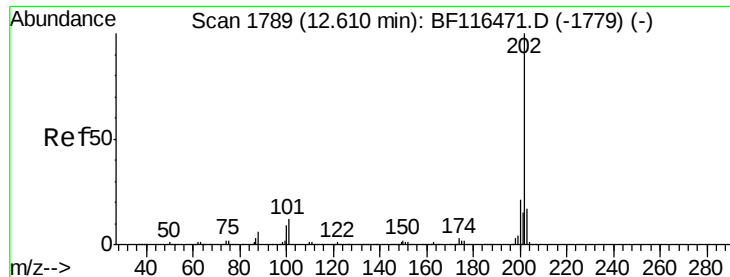
Jagrut
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#74
 Di-n-butylphthalate
 Concen: 56.412 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.8	4.2	6.4





#75

Fluoranthene

Concen: 60.006 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

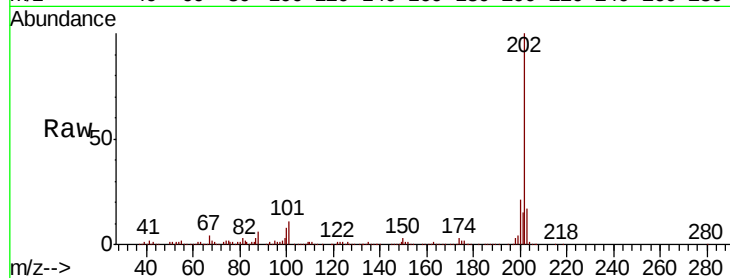
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	31.8
203	17.1	0.0	37.1

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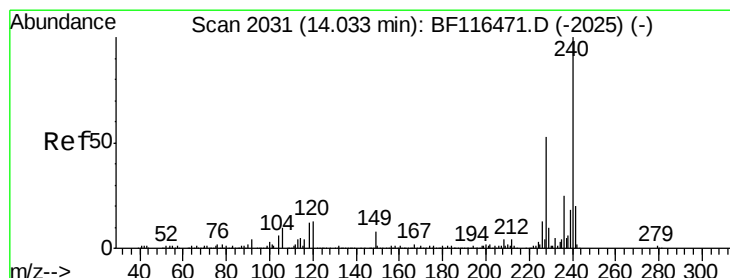
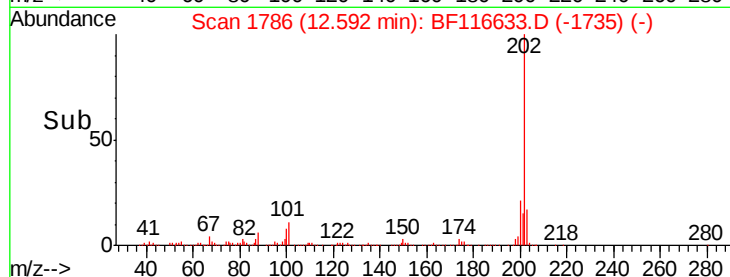
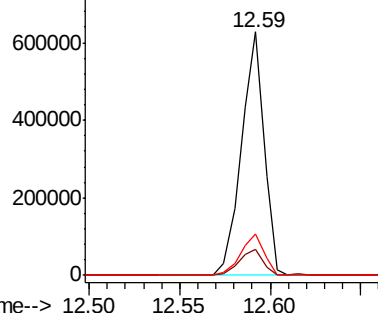


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

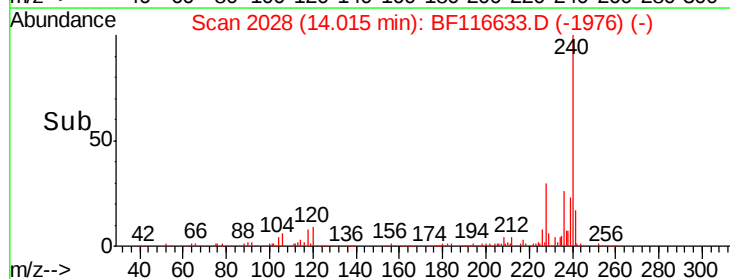
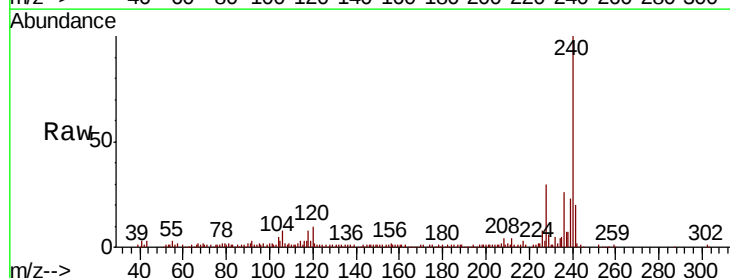
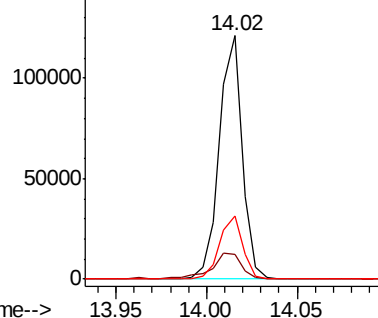
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	11.3	16.9#
236	26.1	21.4	32.2

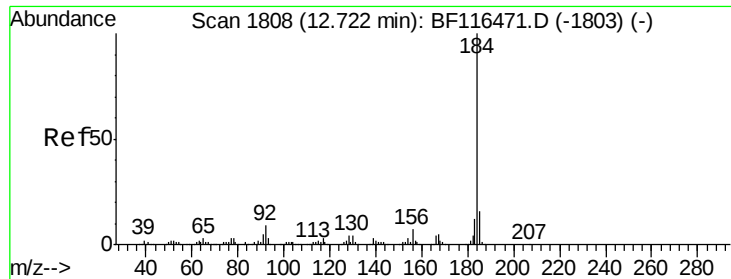
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.379 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

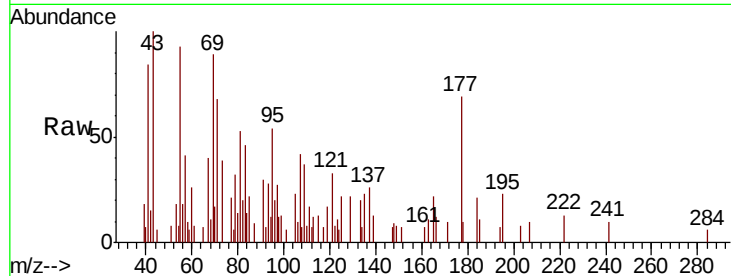
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

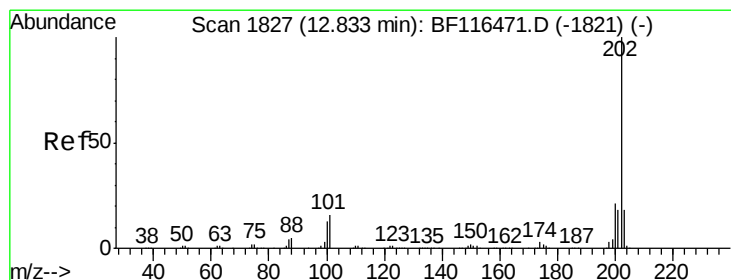
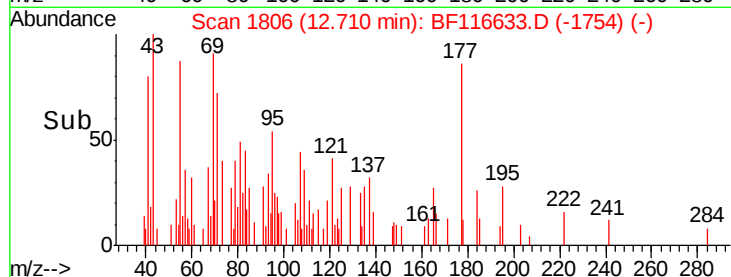
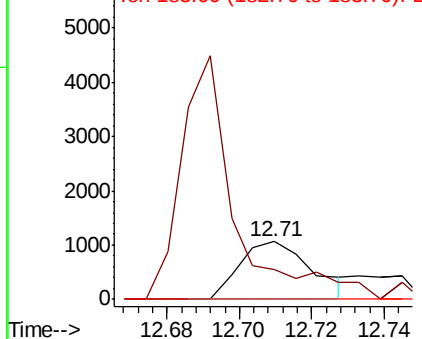
Tot Ion:	184	Resp:	1466
Ion Ratio	Lower	Upper	
184	100		
185	51.3	11.5	17.3#
183	0.0	9.3	13.9#

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.494 ng

RT: 12.82 min Scan# 1825

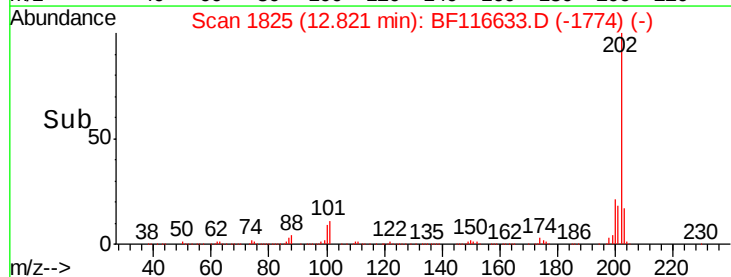
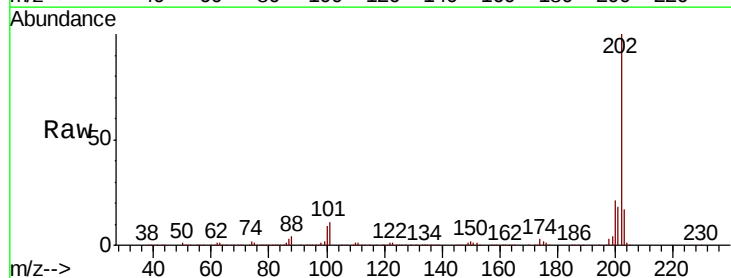
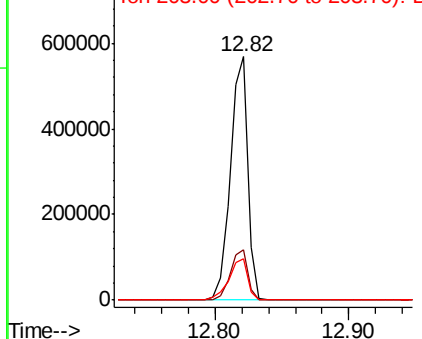
Delta R.T. -0.00 min

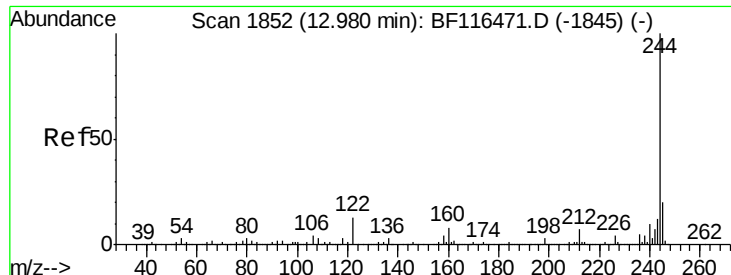
Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	202	Resp:	525504
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.0
203	17.1	14.2	21.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





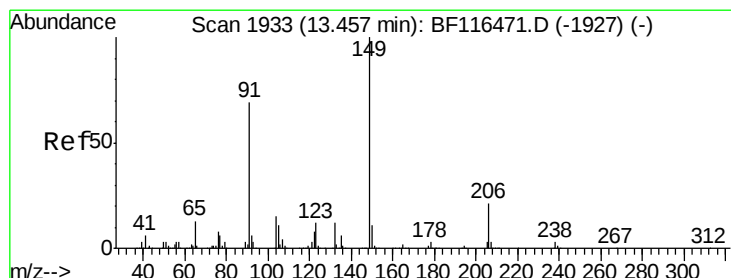
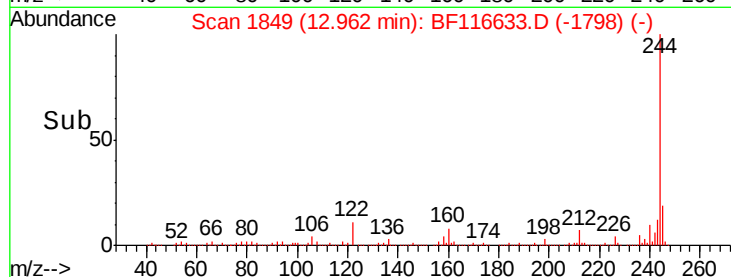
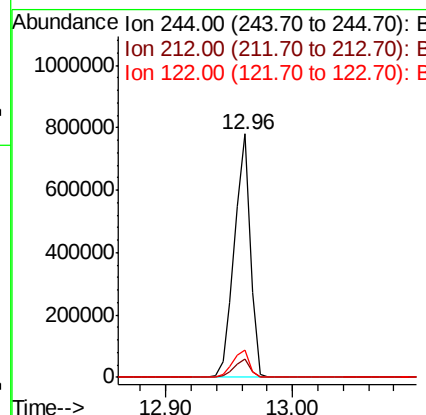
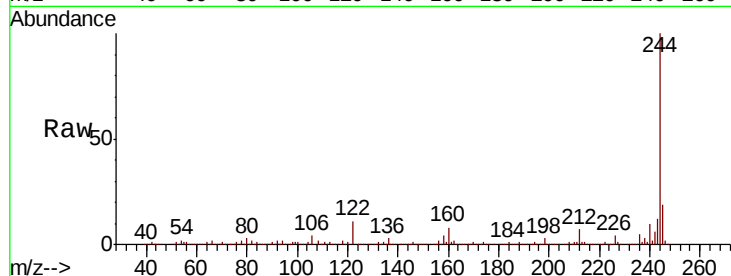
#79
 Terphenyl-d14
 Concen: 102.295 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.2	10.0	15.0

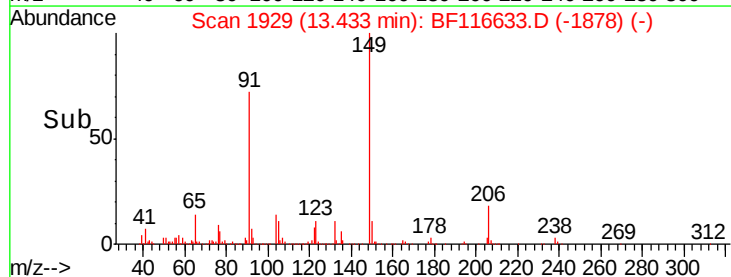
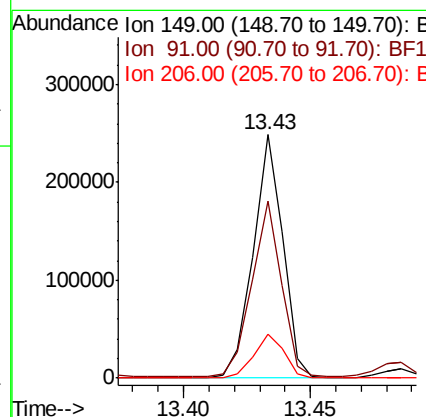
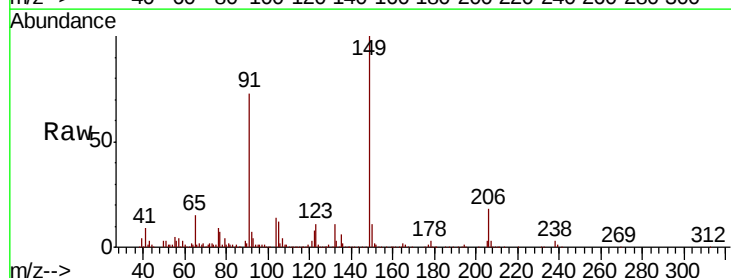
Manual Integrations
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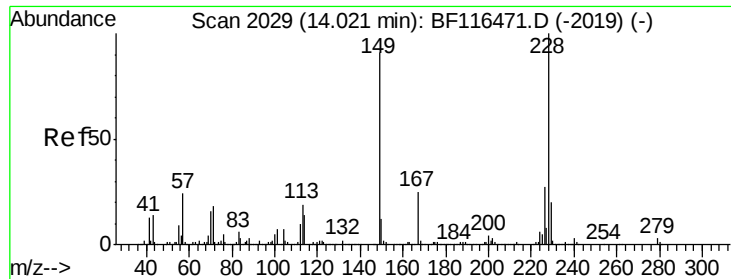
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#80
 Butylbenzylphthalate
 Concen: 53.293 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BF116633.D
 Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	57.9	86.9
206	17.9	16.2	24.4





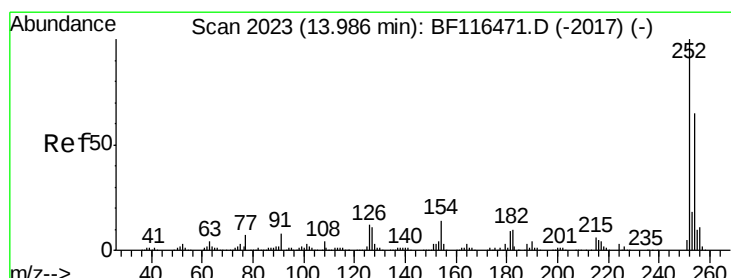
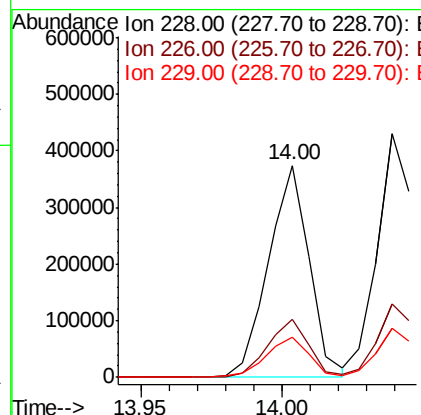
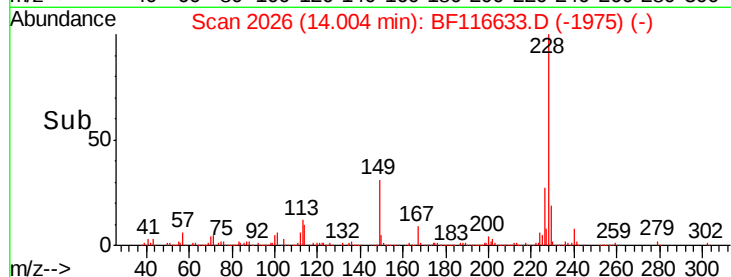
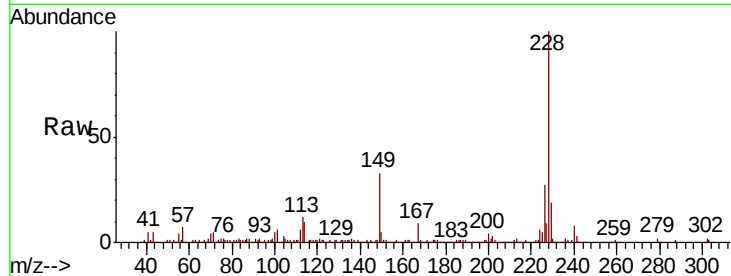
#81
Benzo(a)anthracene
Concen: 52.514 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.5	32.3
229	19.1	15.4	23.0

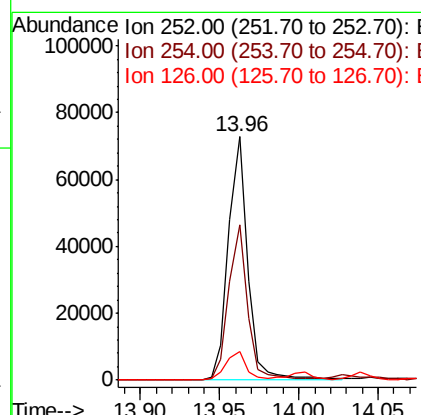
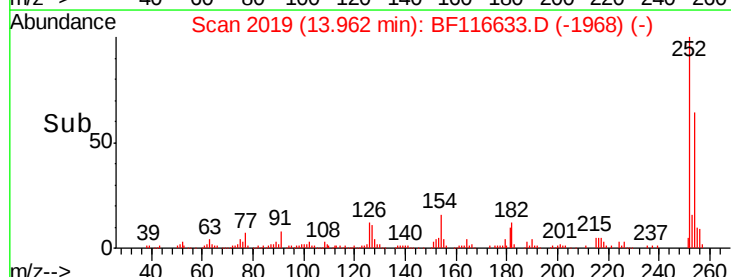
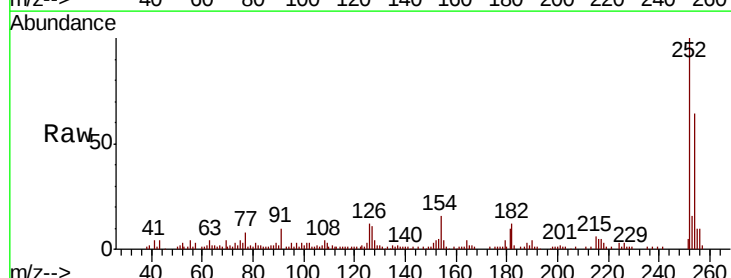
Manual Integrations
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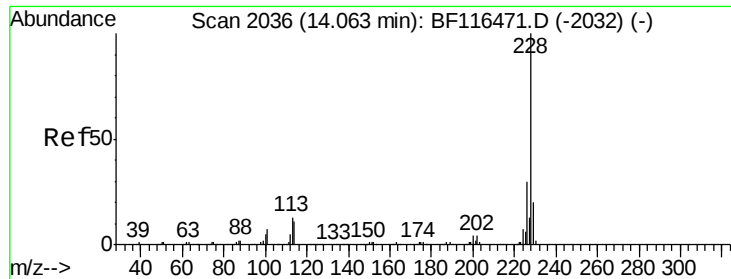
Jagrut
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#82
3,3'-Dichlorobenzidine
Concen: 27.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	11.9	8.7	13.1





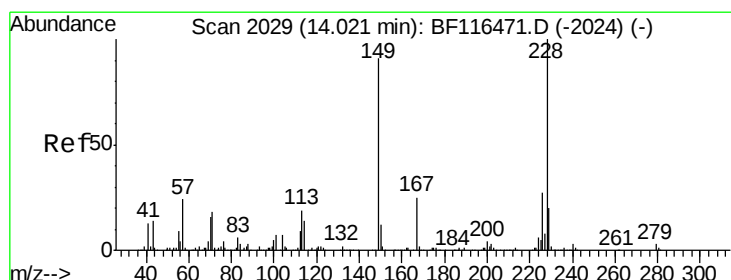
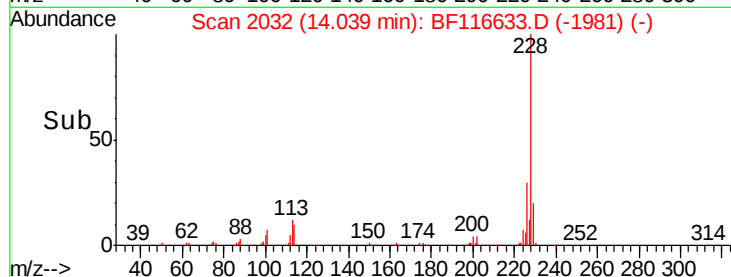
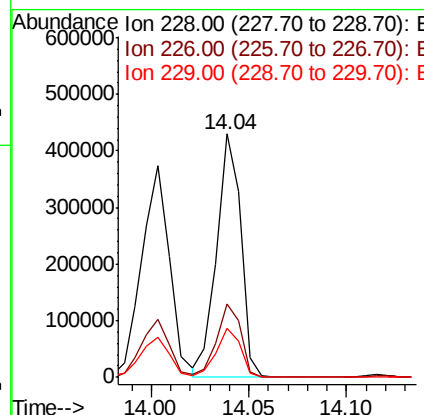
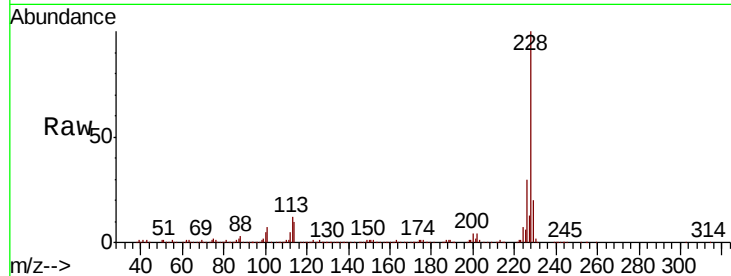
#83
Chrvsene
Concen: 52.875 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	368683		
226	30.2	24.0	36.0	
229	20.0	15.8	23.8	

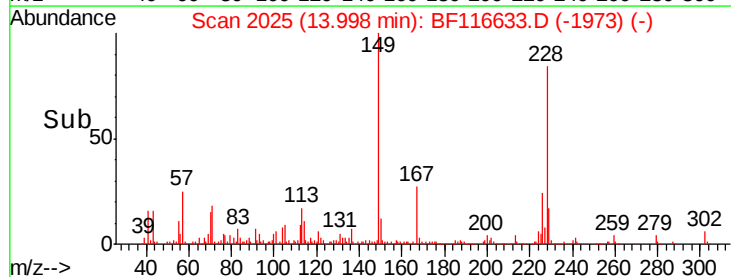
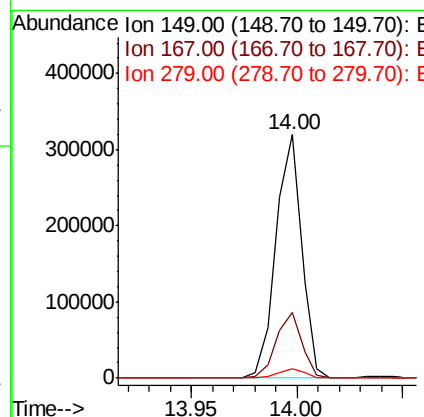
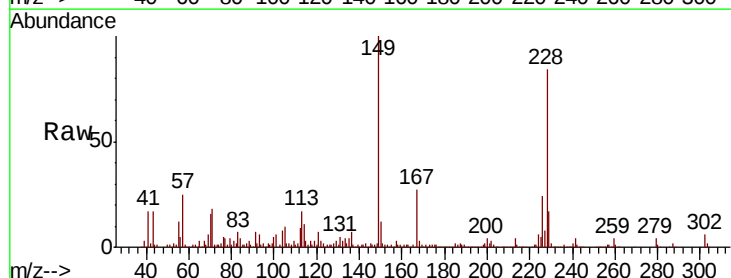
Manual Integrations
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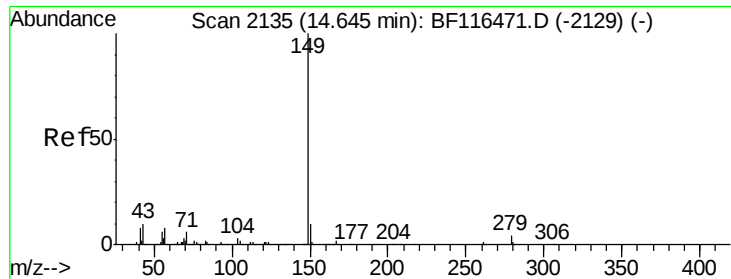
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#84
Bis(2-ethylhexyl)phthalate
Concen: 60.487 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	269979		
167	27.0	21.2	31.8	
279	3.9	2.7	4.1	





#85

Di-n-octyl phthalate

Concen: 63.234 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.00 min

Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Instrument :

BNA_F

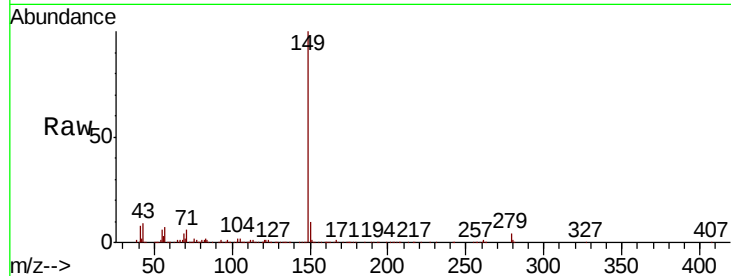
ClientSampleId :

S702A-N-0.0-0.5-082719MSD

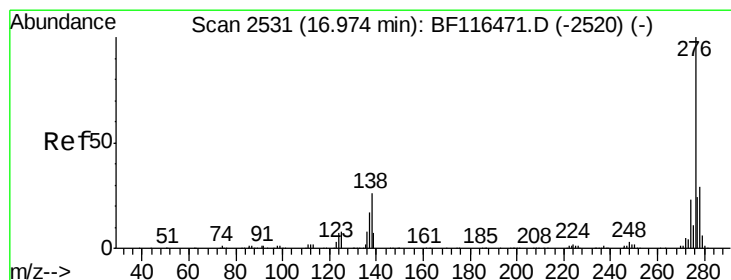
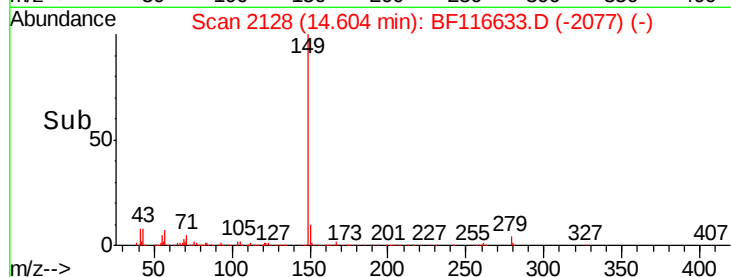
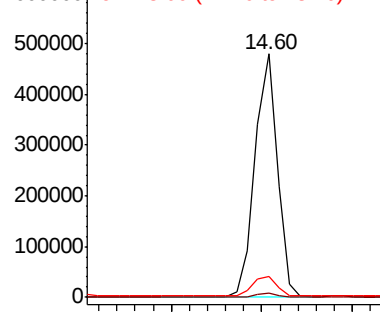
Tot Ion:	149	Resp:	411663
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.1	7.4	11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.934 ng

RT: 16.93 min Scan# 2523

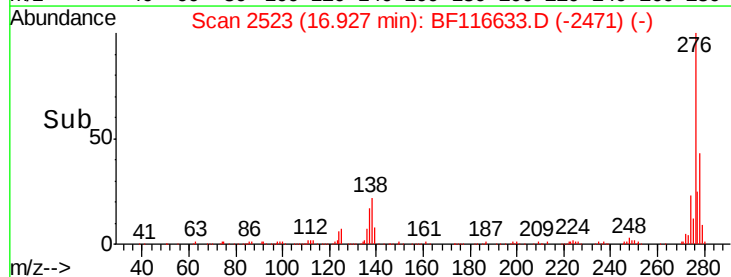
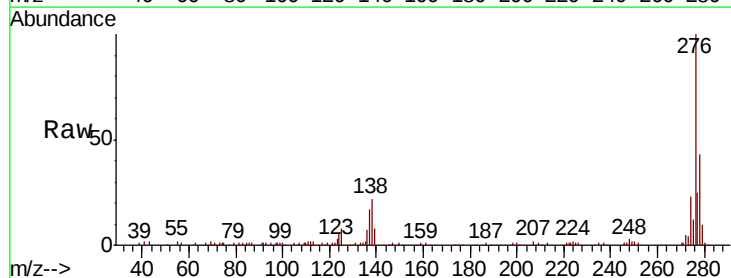
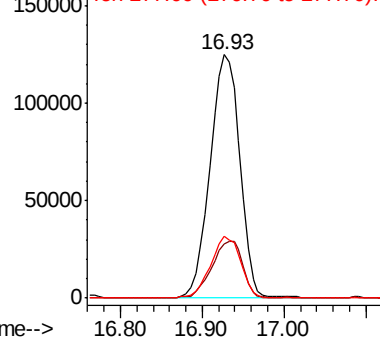
Delta R.T. 0.01 min

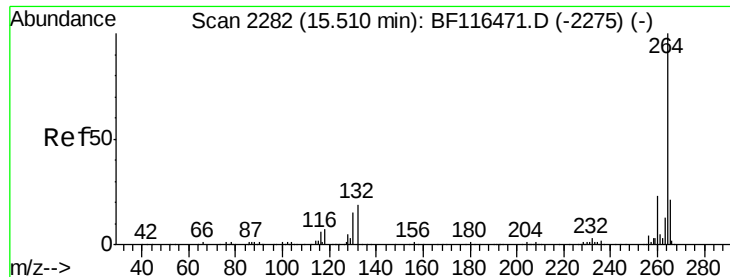
Lab File: BF116633.D

Acq: 28 Aug 2019 23:40

Tgt Ion:	276	Resp:	317112
Ion Ratio	Lower	Upper	
276	100		
138	24.4	21.5	32.3
277	25.7	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





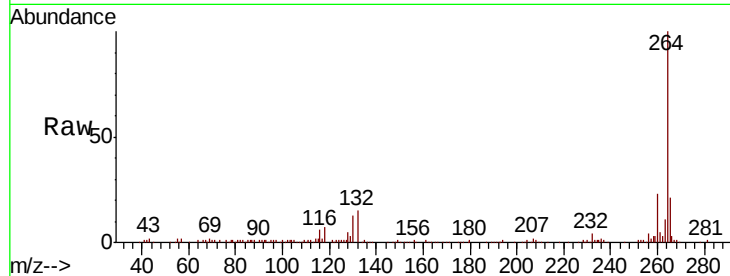
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

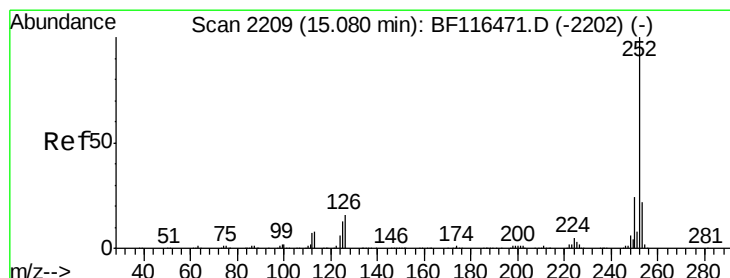
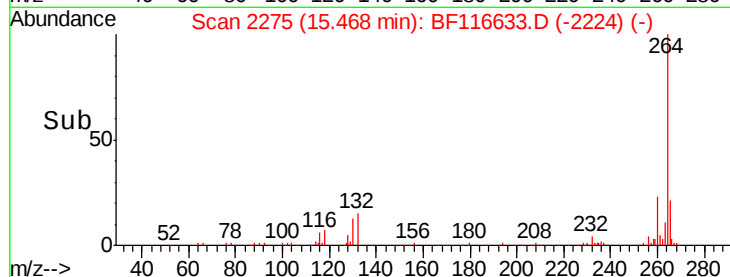
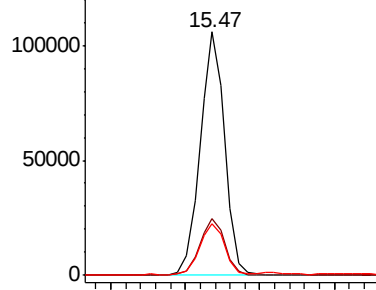
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.0	30.0
265	21.5	17.6	26.4

Manual Integrations
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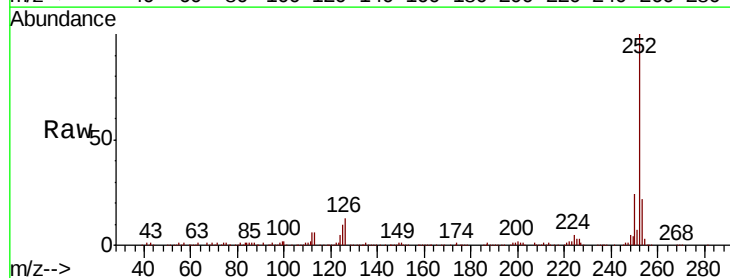


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

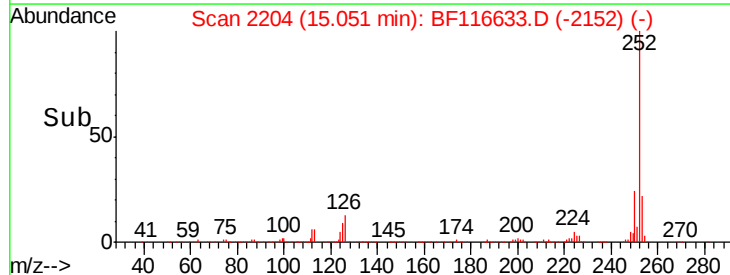
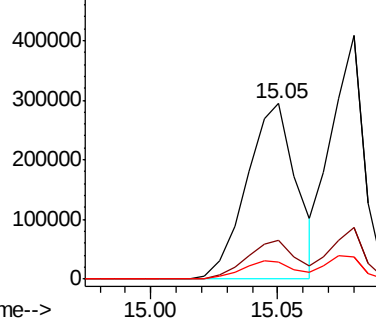


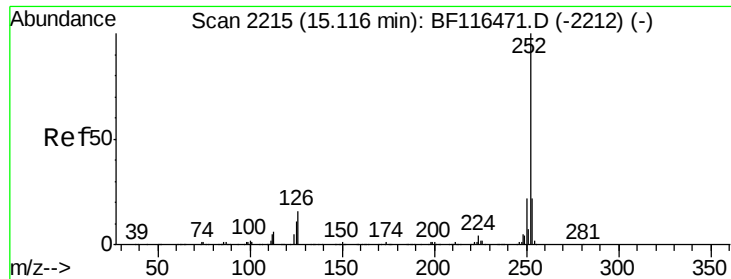
#88
Benzo(b)fluoranthene
Concen: 54.055 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	9.6	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





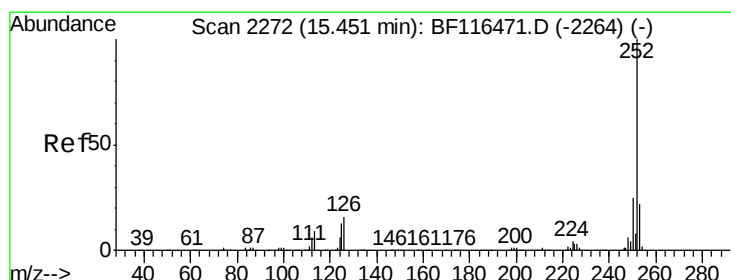
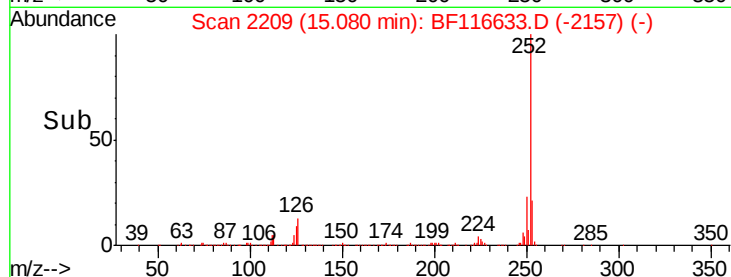
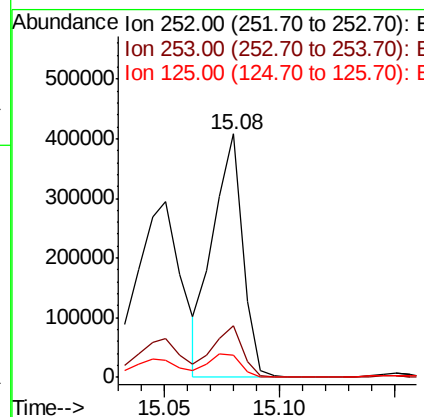
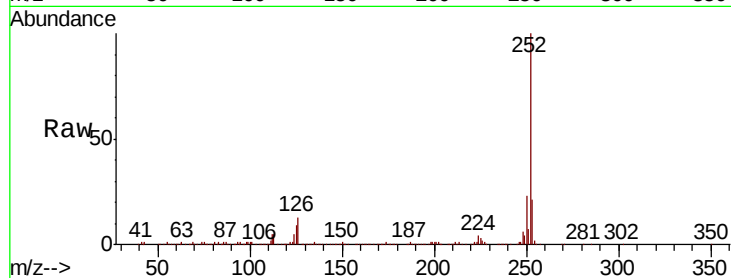
#89
Benzo(k)fluoranthene
Concen: 51.344 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.3	8.6	13.0

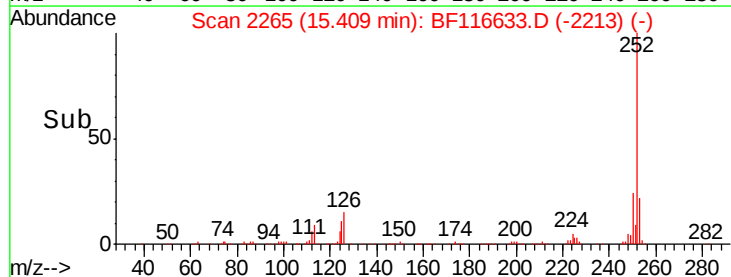
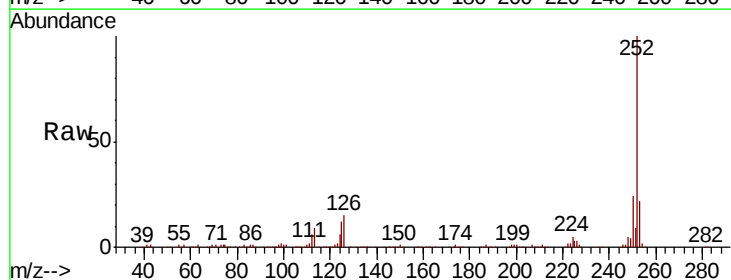
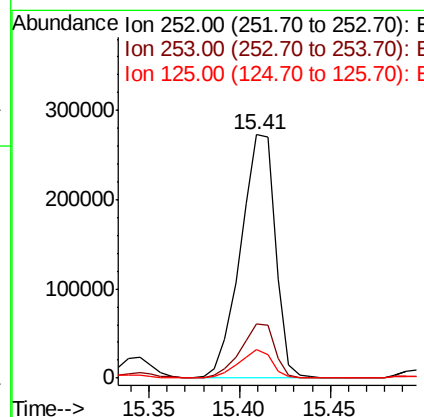
Manual Integrations
APPROVED

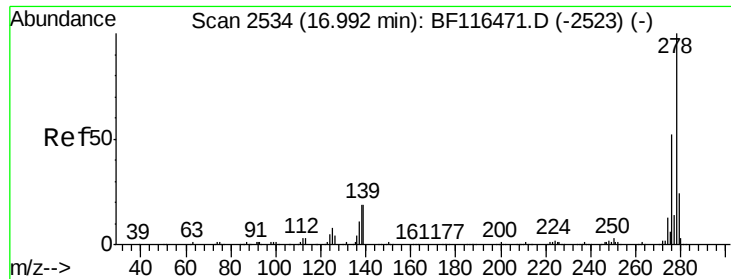
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#90
Benzo(a)pyrene
Concen: 54.714 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.6	10.6	16.0





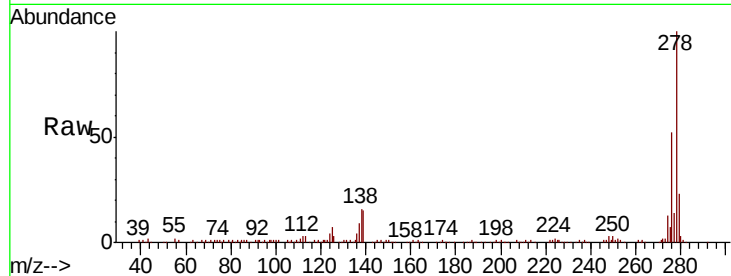
#91
Dibenzo(a,h)anthracene
Concen: 41.938 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

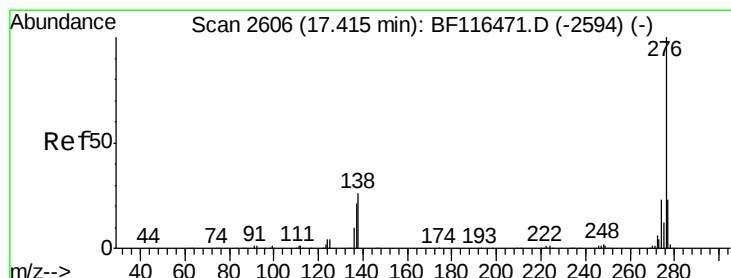
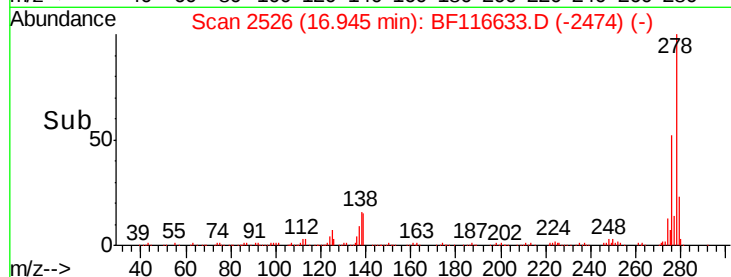
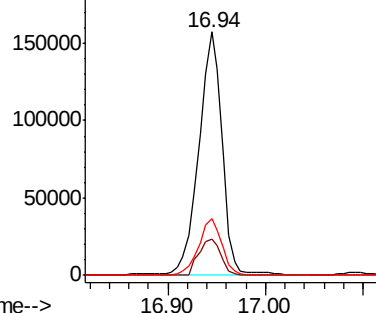
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.1	21.1
279	23.3	19.5	29.3

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.921 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF116633.D
Acq: 28 Aug 2019 23:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.0	28.4
138	20.2	18.2	27.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

