

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116632.D
 Acq On : 28 Aug 2019 23:13
 Operator : HP/JU
 Sample : K4573-11MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Jagrut
 8/29/2019 7:47:17 PM

Quant Time: Aug 29 04:03:48 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	93698	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	381547	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	167962	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	373148	20.00	ng	0.00
76) Chrysene-d12	14.01	240	97084	20.00	ng	0.00
87) Perylene-d12	15.47	264	118428	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	745776	137.48	ng	0.00
7) Phenol-d6	6.50	99	1004839	136.63	ng	0.00
23) Nitrobenzene-d5	7.43	82	627510	94.11	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	263630	164.94	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1106696	109.65	ng	0.00
79) Terphenyl-d14	12.96	244	1142609	191.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	89419	35.434	ng	98
3) Pyridine	3.42	79	218256	31.573	ng	98
4) n-Nitrosodimethylamine	3.34	42	114279	43.148	ng	98
6) Aniline	6.53	93	208268	21.021	ng	99
8) 2-Chlorophenol	6.65	128	255508	41.796	ng	98
9) Benzaldehyde	6.41	77	179257	41.191	ng	97
10) Phenol	6.51	94	371978	46.110	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	236667m	39.474	ng	
12) 1,3-Dichlorobenzene	6.81	146	263242	36.351	ng	99
13) 1,4-Dichlorobenzene	6.88	146	268782	37.146	ng	98
14) 1,2-Dichlorobenzene	7.04	146	245860	35.954	ng	99
15) Benzyl Alcohol	7.00	79	245688	42.942	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	296033	36.404	ng	99
17) 2-Methylphenol	7.12	107	218244	39.869	ng	99
18) Hexachloroethane	7.38	117	99429	37.215	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	186745	39.928	ng	95
20) 3+4-Methylphenols	7.27	107	277327	41.704	ng	# 86
22) Acetophenone	7.27	105	367539	41.014	ng	# 92
24) Nitrobenzene	7.45	77	282732	41.814	ng	99
25) Isophorone	7.68	82	509262	41.953	ng	98
26) 2-Nitrophenol	7.76	139	139045	42.789	ng	90
27) 2,4-Dimethylphenol	7.80	122	231126	45.422	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	306999	38.936	ng	98
29) 2,4-Dichlorophenol	8.00	162	219521	41.277	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	229967	37.642	ng	98
31) Naphthalene	8.17	128	785754	42.992	ng	99
32) Benzoic acid	7.90	122	152905	35.163	ng	97
33) 4-Chloroaniline	8.21	127	155532	19.308	ng	98
34) Hexachlorobutadiene	8.29	225	130826	38.435	ng	100
35) Caprolactam	8.57	113	70499m	44.395	ng	
36) 4-Chloro-3-methylphenol	8.69	107	236824	44.207	ng	97
37) 2-Methylnaphthalene	8.86	142	486528	42.625	ng	96
38) 1-Methylnaphthalene	8.96	142	456463	40.949	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	213073	46.238	ng	99

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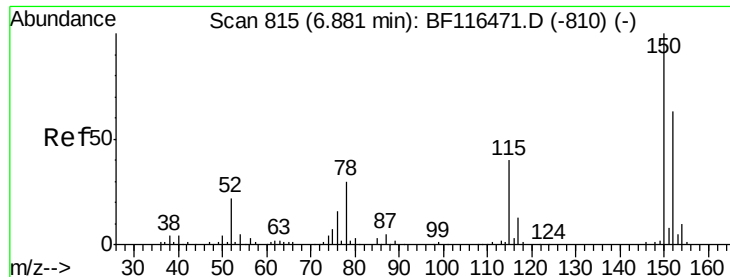
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	156726	58.732	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	150107	46.381	ng	96
44) 2,4,5-Trichlorophenol	9.17	196	158474	48.685	ng	98
46) 1,1'-Biphenyl	9.32	154	627527	49.218	ng	99
47) 2-Chloronaphthalene	9.35	162	481122	48.405	ng	98
48) 2-Nitroaniline	9.43	65	145730	46.358	ng	90
49) Acenaphthylene	9.76	152	643936	44.108	ng	100
50) Dimethylphthalate	9.62	163	601526	53.271	ng	100
51) 2,6-Dinitrotoluene	9.67	165	115664	46.452	ng #	84
52) Acenaphthene	9.93	154	517166	52.318	ng	97
53) 3-Nitroaniline	9.84	138	96731	32.535	ng	96
54) 2,4-Dinitrophenol	9.95	184	110648	89.680	ng #	47
55) Dibenzofuran	10.10	168	742599	55.786	ng	99
56) 4-Nitrophenol	10.00	139	248589	109.985	ng	92
57) 2,4-Dinitrotoluene	10.08	165	188121	57.257	ng	99
58) Fluorene	10.45	166	547864	54.230	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	146358	54.624	ng	98
60) Diethylphthalate	10.32	149	495101	44.919	ng	98
61) 4-Chlorophenyl-phenylether	10.44	204	239744	47.337	ng	99
62) 4-Nitroaniline	10.46	138	142630	49.307	ng	97
63) Azobenzene	10.60	77	521879	46.904	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	80757	40.569	ng	99
66) n-Nitrosodiphenylamine	10.55	169	455789	38.587	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	170650	43.115	ng	96
68) Hexachlorobenzene	11.00	284	178506	40.509	ng	97
69) Atrazine	11.08	200	151878	43.424	ng	98
70) Pentachlorophenol	11.19	266	212134	78.349	ng	96
71) Phenanthrene	11.40	178	935355	46.668	ng	100
72) Anthracene	11.46	178	897506	44.785	ng	99
73) Carbazole	11.60	167	751709	44.072	ng	98
74) Di-n-butylphthalate	11.94	149	956591	48.396	ng	99
75) Fluoranthene	12.59	202	896202	49.858	ng	98
77) Benzidine	12.70	184	12200	3.474	ng #	76
78) Pyrene	12.82	202	863405	96.716	ng	100
80) Butylbenzylphthalate	13.43	149	162672	47.031	ng	98
81) Benzo(a)anthracene	14.00	228	298956	46.188	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	51708	24.550	ng	97
83) Chrysene	14.04	228	305438	48.203	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	220193	54.286	ng	100
85) Di-n-octyl phthalate	14.60	149	336212	56.829	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	305567	53.377	ng	97
88) Benzo(b)fluoranthene	15.04	252	330445	45.437	ng	99
89) Benzo(k)fluoranthene	15.07	252	299581	43.336	ng	99
90) Benzo(a)pyrene	15.41	252	311072	47.925	ng	97
91) Dibenzo(a,h)anthracene	16.94	278	242982	40.120	ng	98
92) Benzo(g,h,i)perylene	17.36	276	226080	35.900	ng	97

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



#1

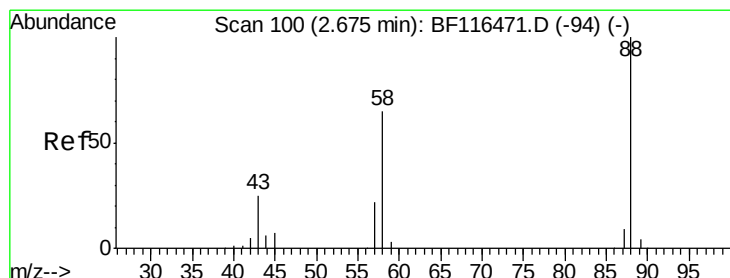
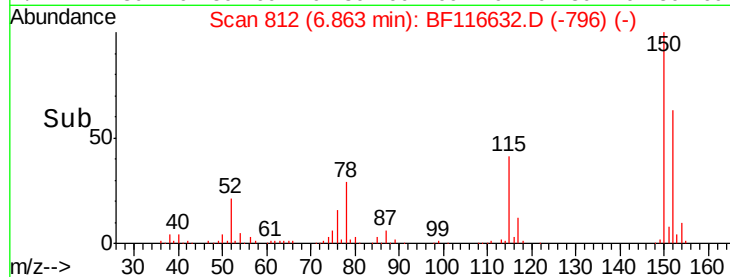
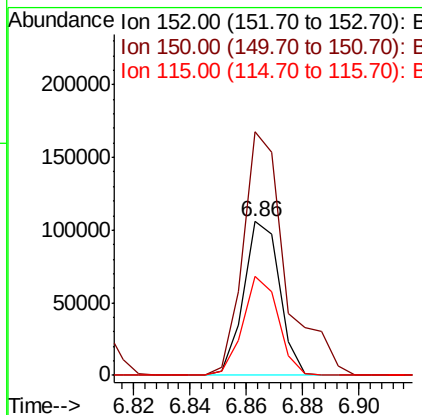
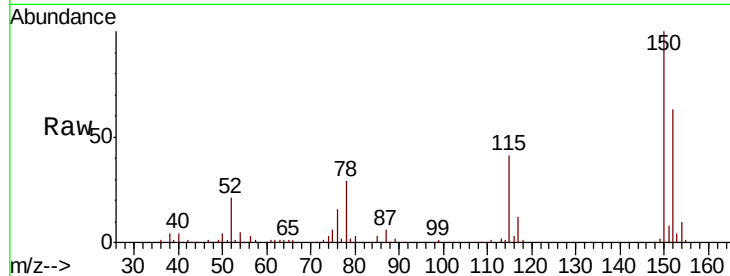
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.4	185.2
115	64.3	48.2	72.2

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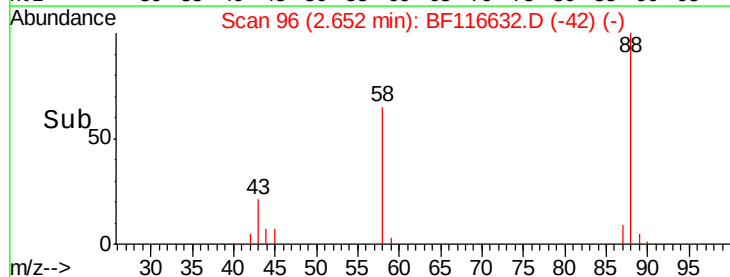
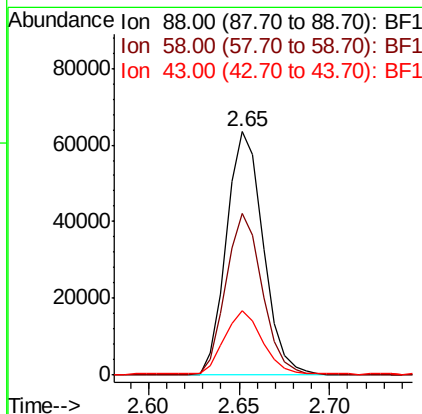
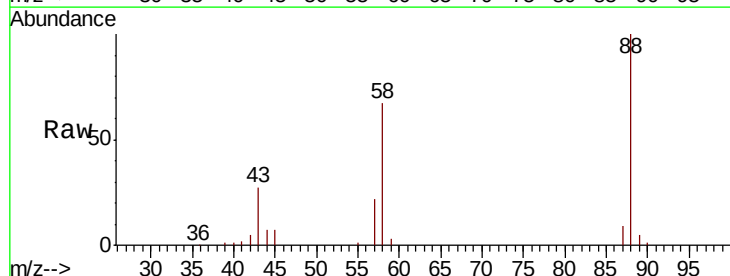
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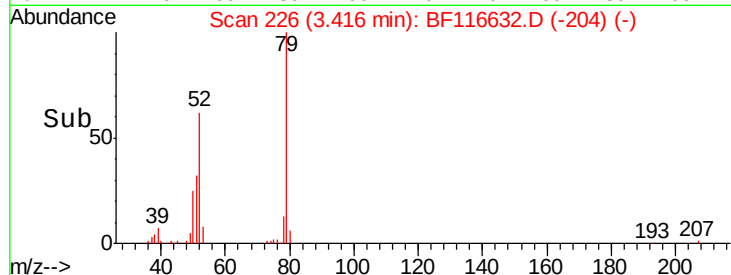
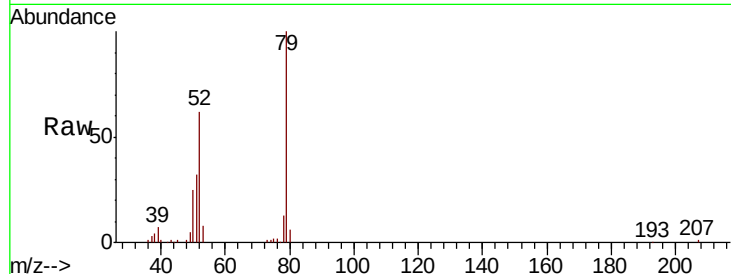
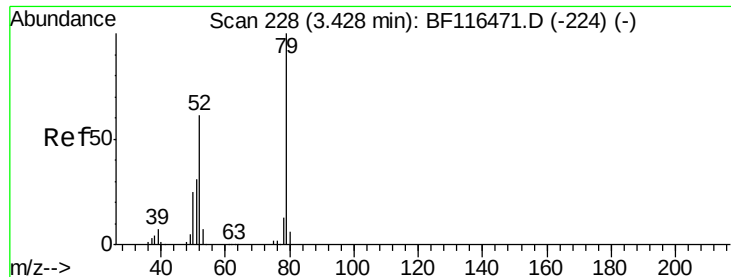


#2

1,4-Dioxane
Concen: 35.434 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	51.8	77.8
43	27.3	20.2	30.2





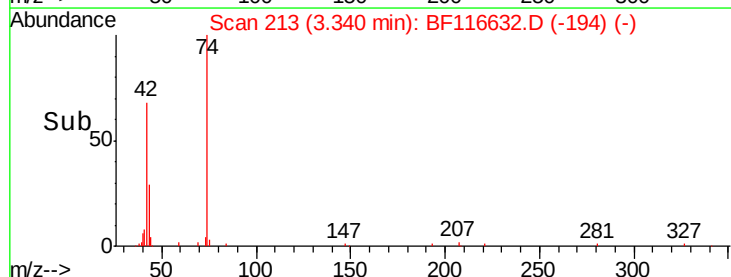
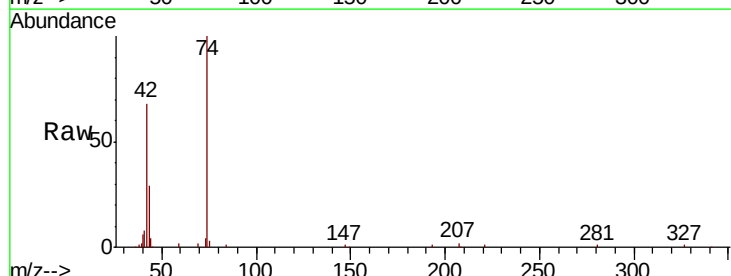
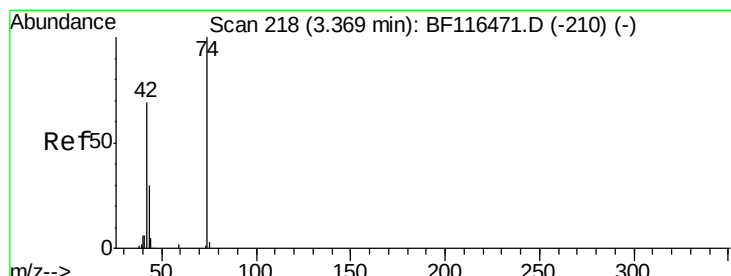
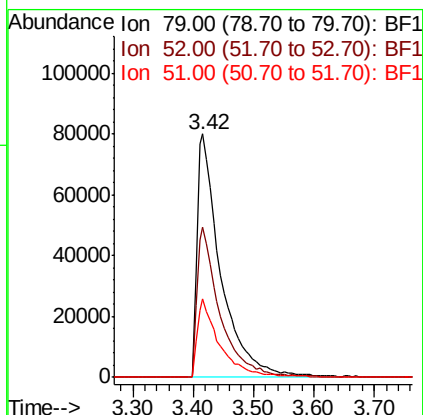
#3
Pvridine
Concen: 31.573 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.03 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.5	47.9	71.9
51	32.1	24.4	36.6

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

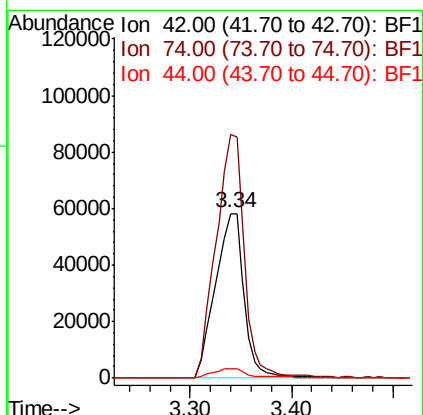
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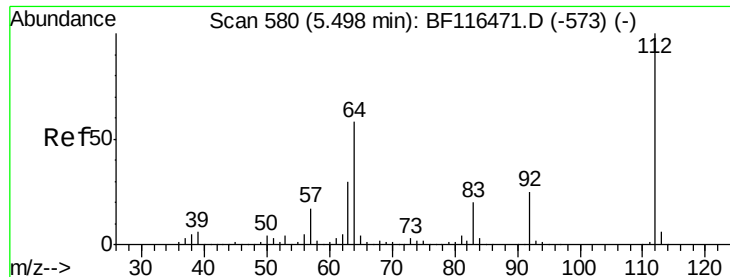
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#4
n-Nitrosodimethylamine
Concen: 43.148 ng
RT: 3.34 min Scan# 213
Delta R.T. 0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.1	120.0	180.0
44	5.7	5.4	8.2





#5

2-Fluorophenol

Concen: 137.476 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

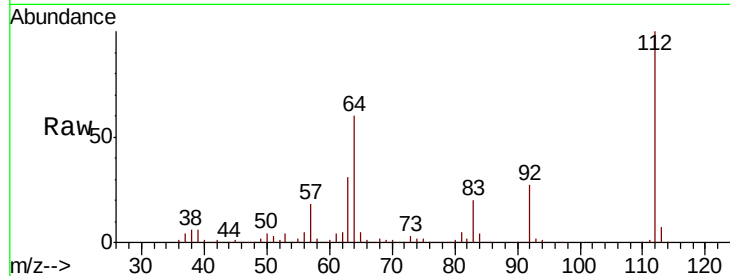
ClientSampleId :

S702A-N-0.0-0.5-082719MS

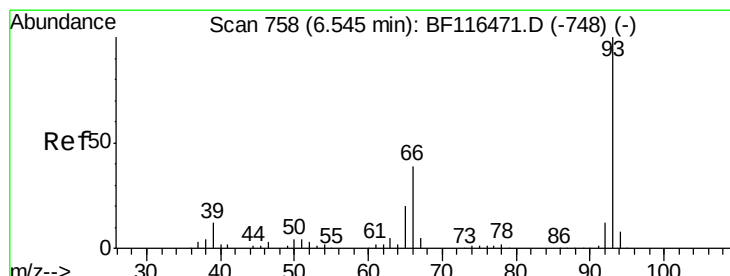
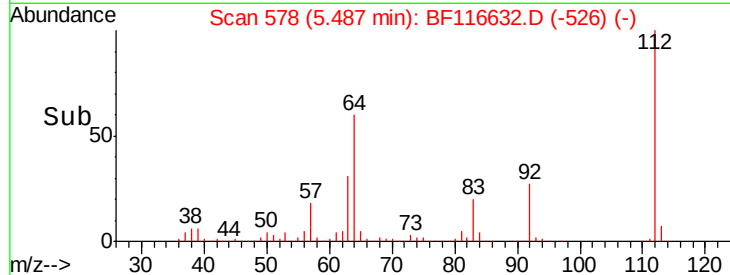
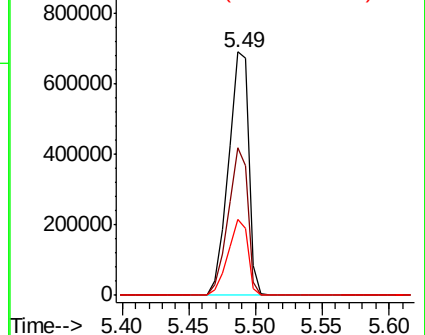
Tot Ion:	112	Resp:	745776
Ion Ratio	Lower	Upper	
112	100		
64	60.4	48.0	72.0
63	31.2	24.6	36.8

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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: 21.021 ng

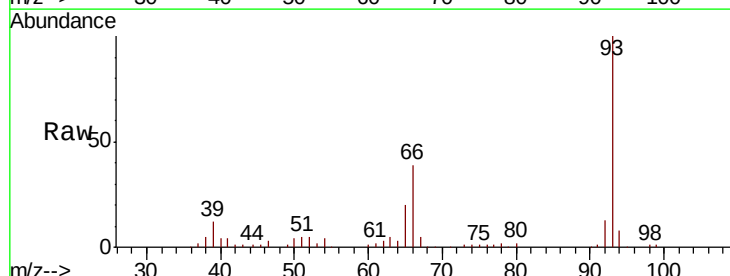
RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

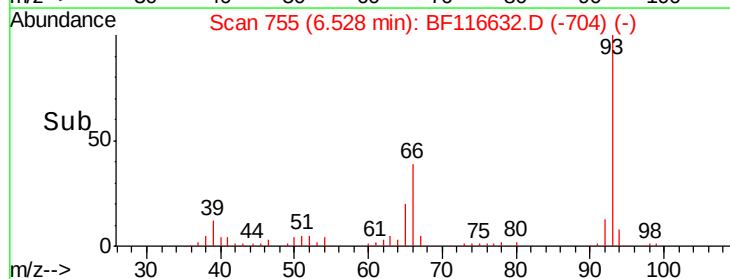
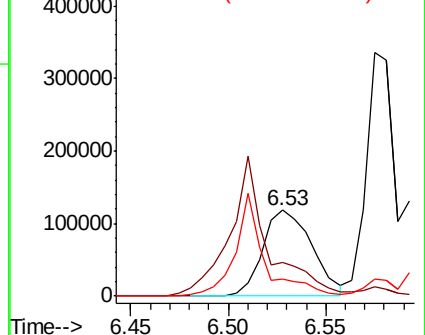
Lab File: BF116632.D

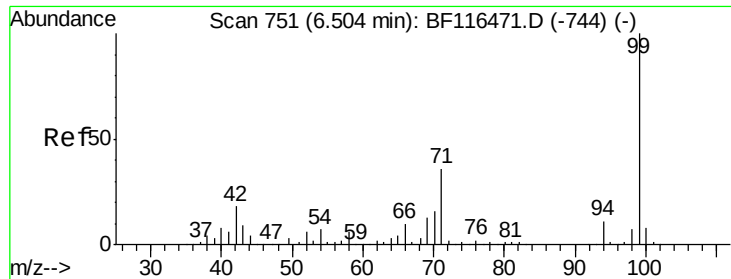
Acq: 28 Aug 2019 23:13

Tgt Ion:	93	Resp:	208268
Ion Ratio	Lower	Upper	
93	100		
66	38.9	32.1	48.1
65	20.1	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: 136.628 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion: 99 Resp: 1004839

Ion Ratio Lower Upper

99 100

42 18.2 13.2 19.8

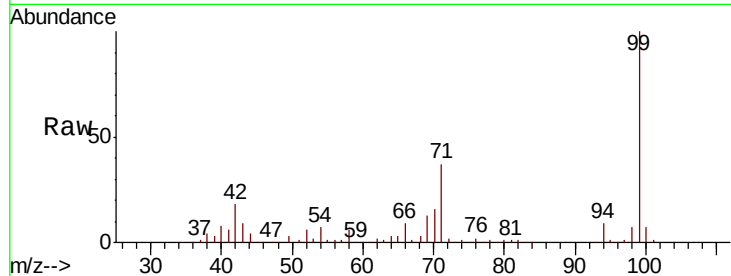
71 37.0 27.4 41.2

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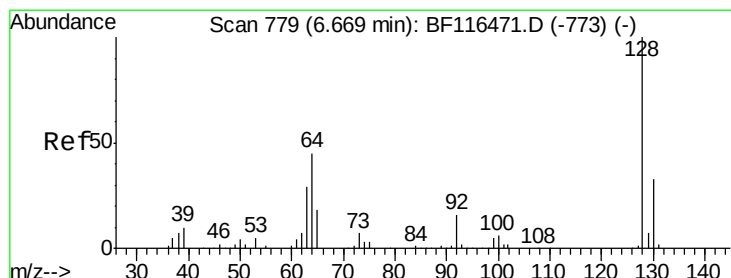
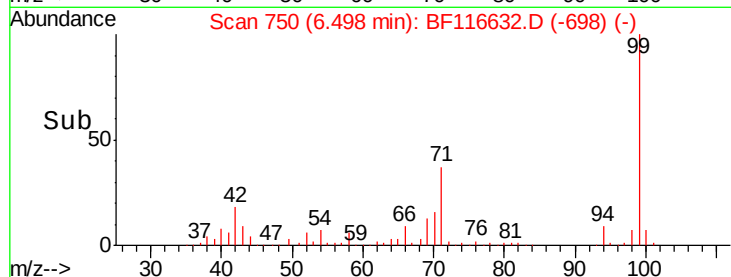
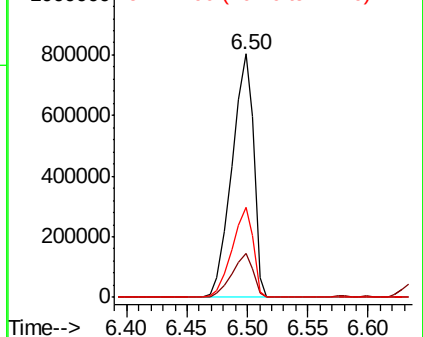
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.796 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

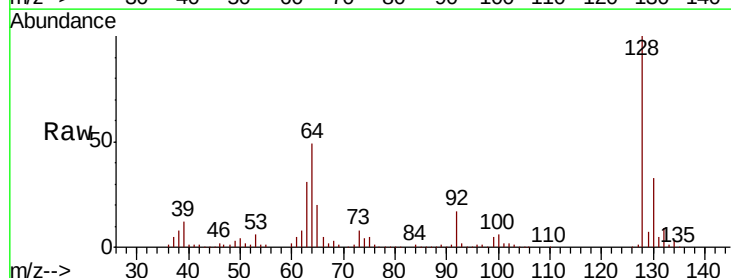
Tgt Ion: 128 Resp: 255508

Ion Ratio Lower Upper

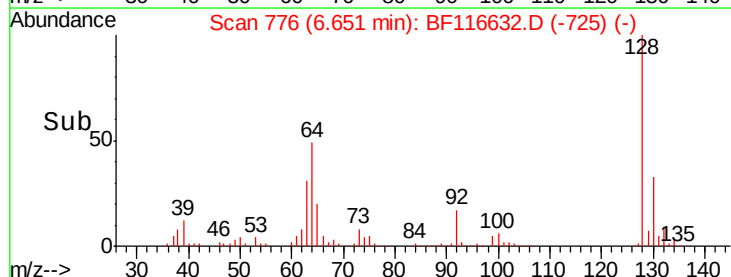
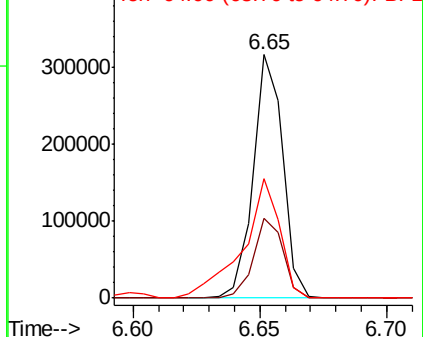
128 100

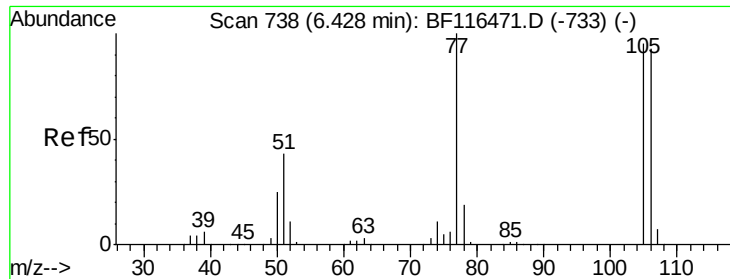
130 32.5 11.8 51.8

64 48.9 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.191 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

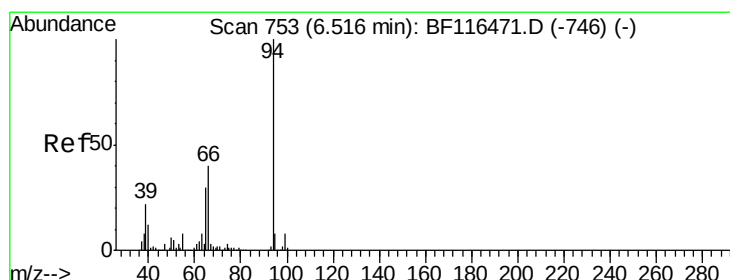
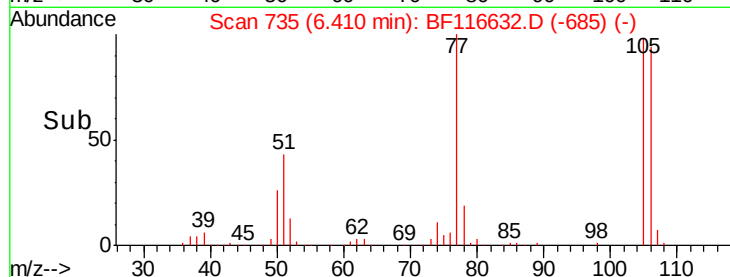
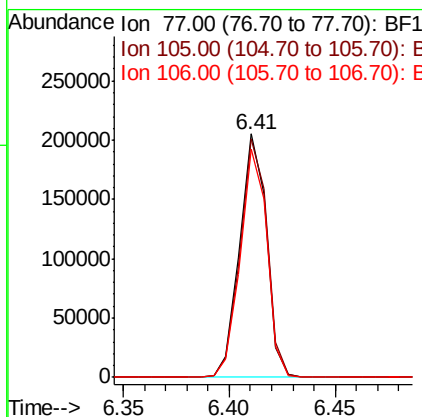
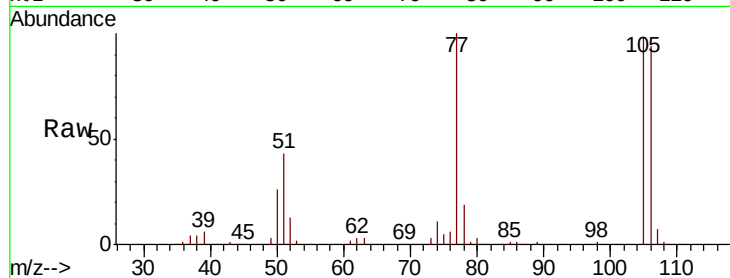
ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion:	77	Resp:	179257
Ion Ratio	Lower	Upper	
77	100		
105	98.1	81.6	121.6
106	93.7	77.1	117.1

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#10

Phenol

Concen: 46.110 ng

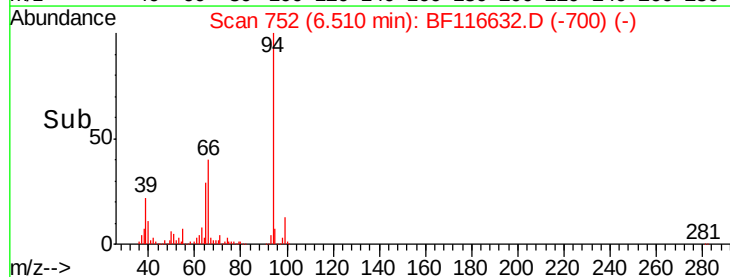
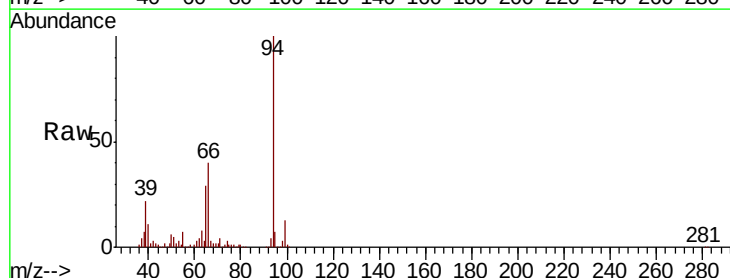
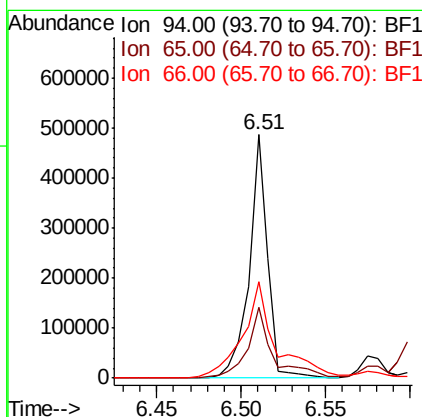
RT: 6.51 min Scan# 752

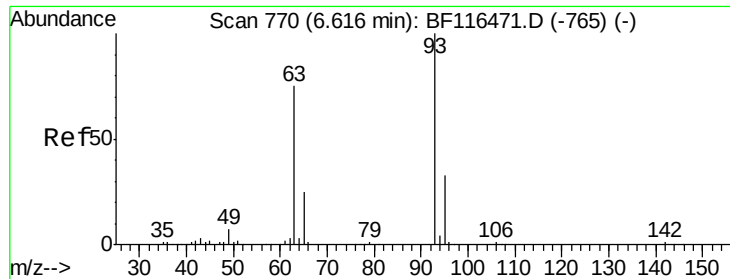
Delta R.T. 0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion:	94	Resp:	371978
Ion Ratio	Lower	Upper	
94	100		
65	29.1	8.6	48.6
66	39.7	18.0	58.0





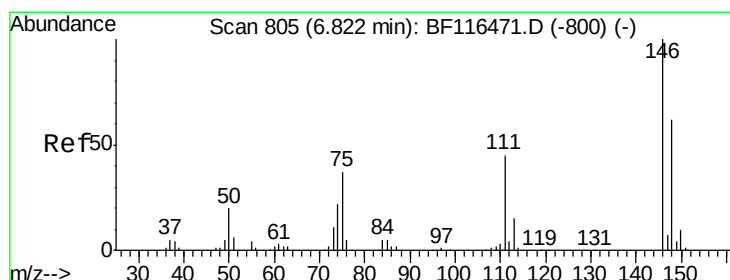
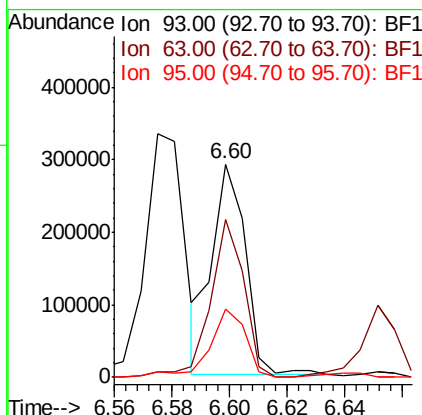
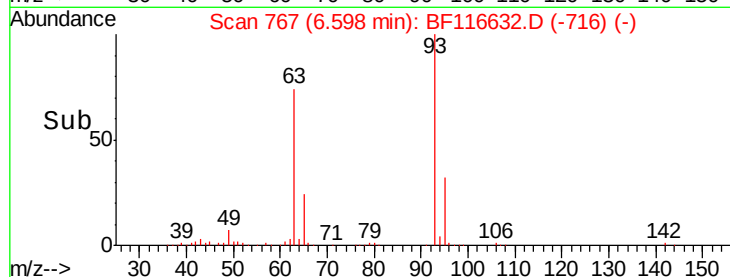
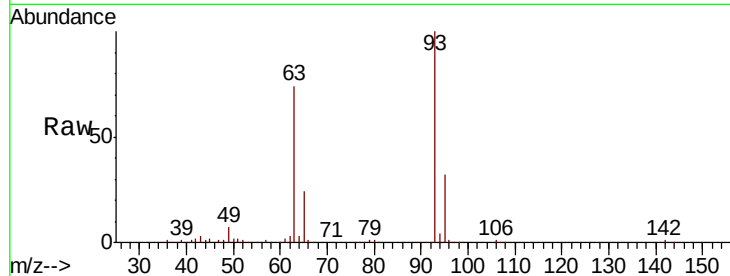
#11
bis(2-Chloroethyl)ether
Concen: 39.474 ng/mL
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion:	93	Resp:	236667
Ion	Ratio	Lower	Upper
93	100		
63	74.2	54.7	94.7
95	31.9	12.7	52.7

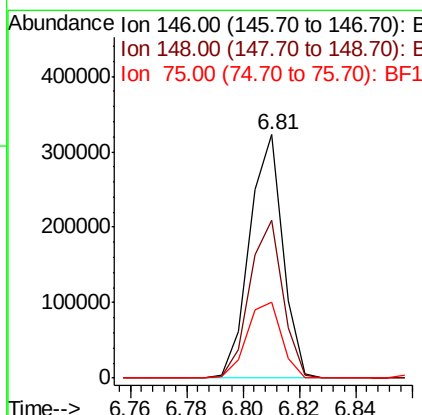
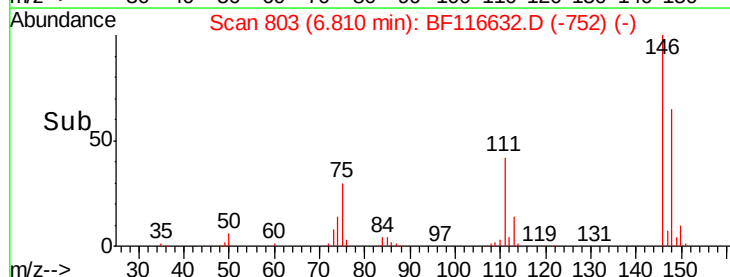
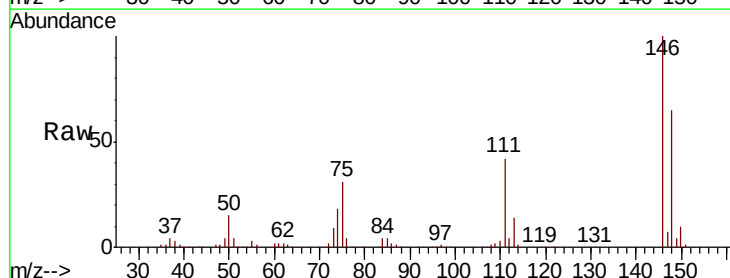
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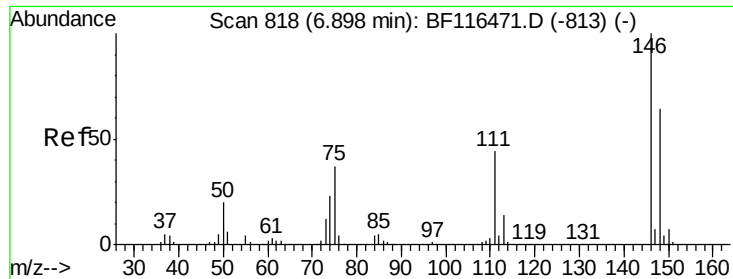
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#12
1,3-Dichlorobenzene
Concen: 36.351 ng/mL
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:	146	Resp:	263242
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.6
75	31.3	25.1	37.7





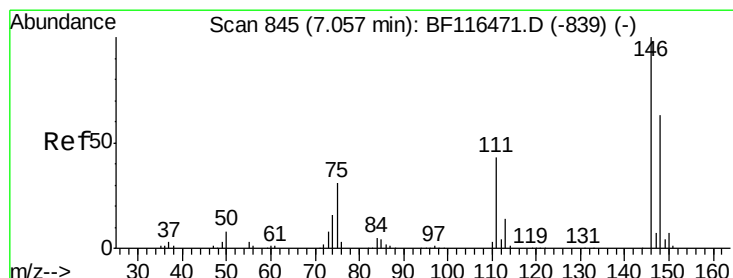
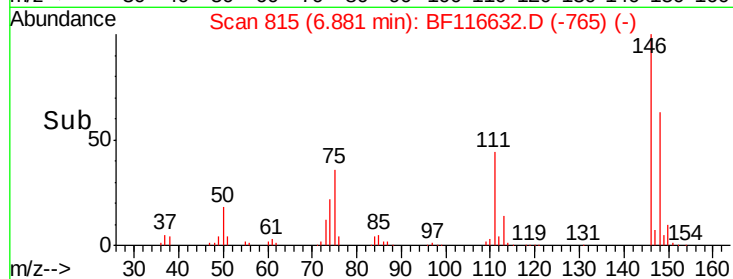
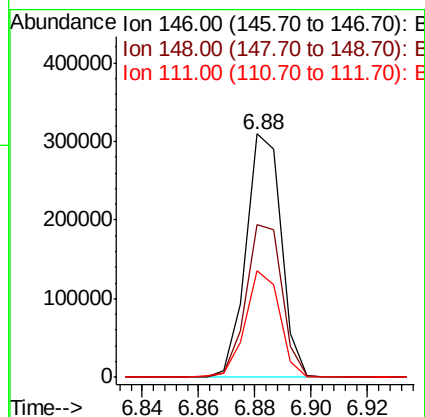
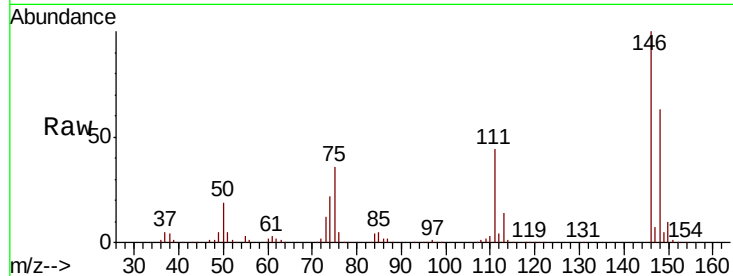
#13
 1,4-Dichlorobenzene
 Concen: 37.146 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	44.0	33.1	49.7

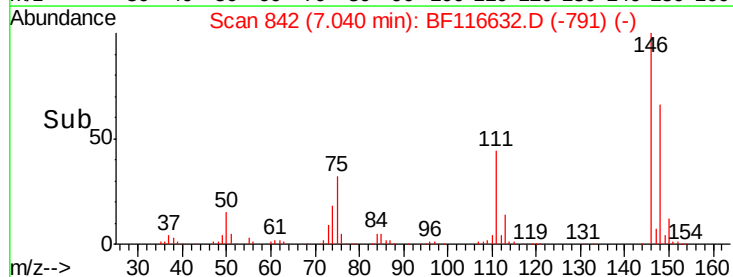
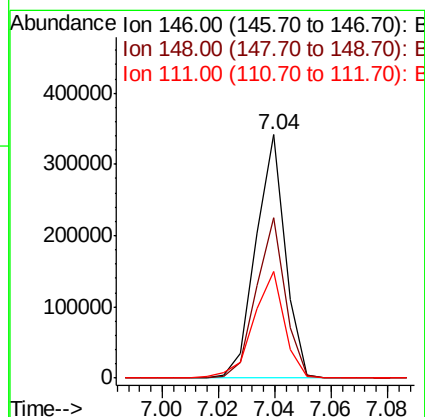
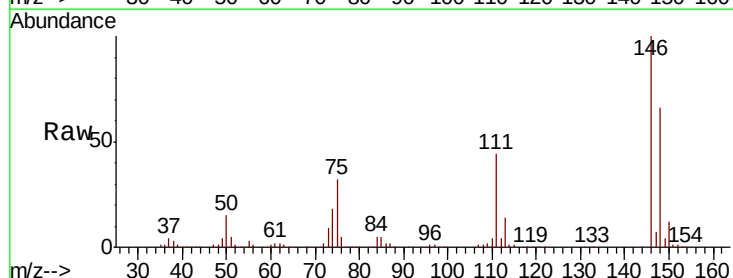
Manual Integrations
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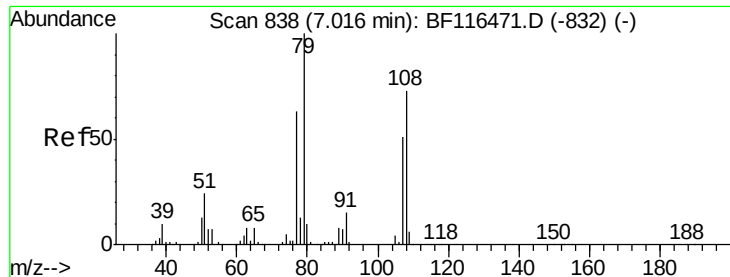
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#14
 1,2-Dichlorobenzene
 Concen: 35.954 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.6
111	43.8	34.9	52.3





#15

Benzyl Alcohol

Concen: 42.942 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

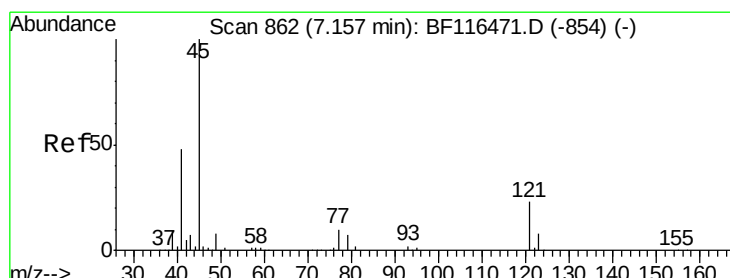
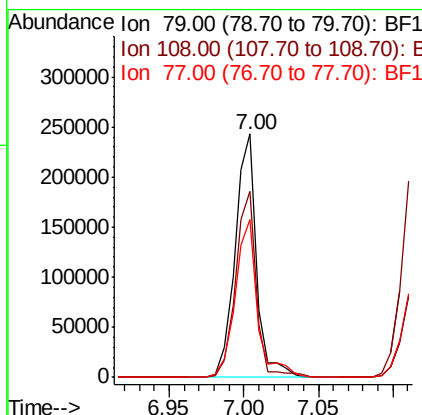
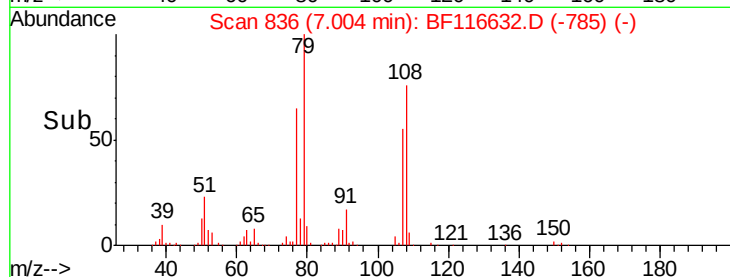
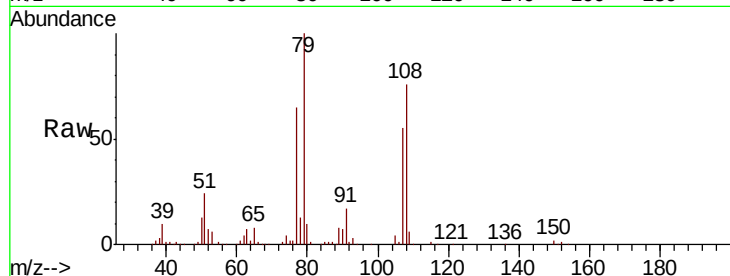
ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion:	79	Resp:	245688
Ion Ratio	Lower	Upper	
79	100		
108	76.4	62.2	93.4
77	64.6	49.8	74.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.404 ng

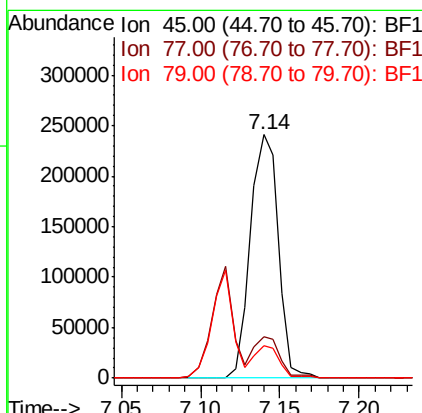
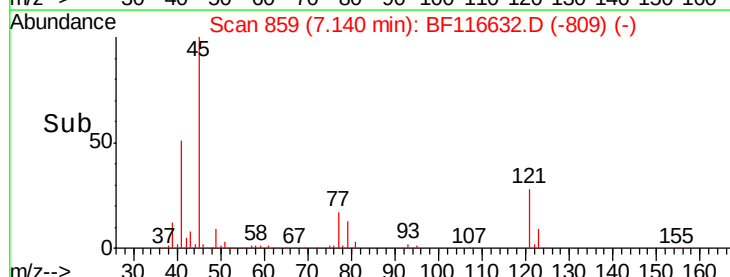
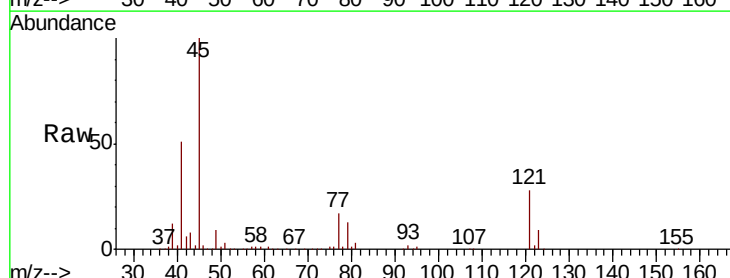
RT: 7.14 min Scan# 859

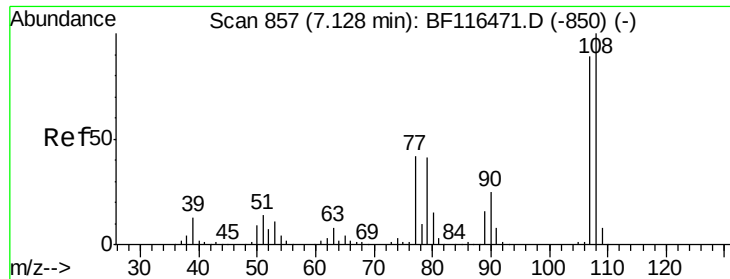
Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion:	45	Resp:	296033
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	36.4
79	13.1	0.0	32.9





#17

2-Methylphenol

Concen: 39.869 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

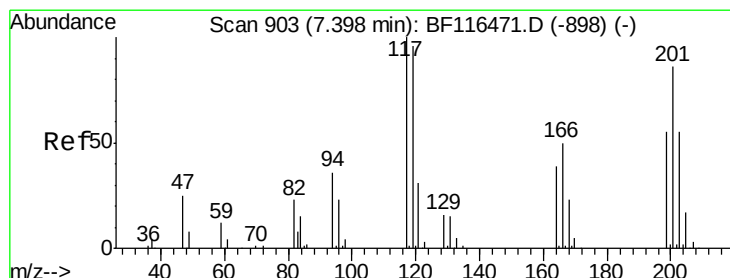
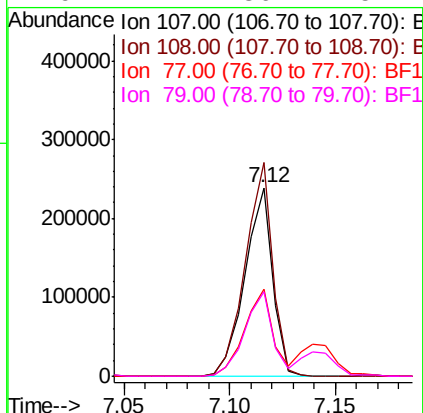
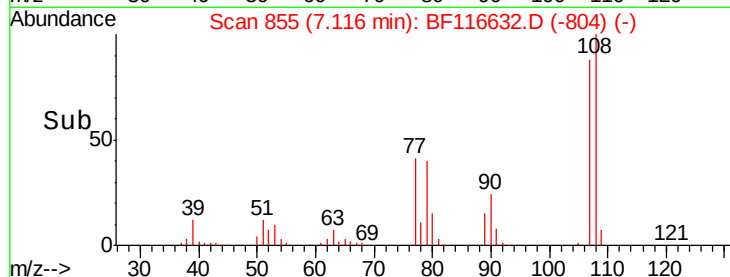
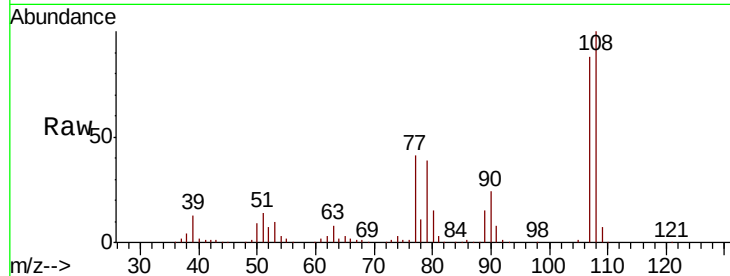
ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.9	136.3
77	46.5	36.8	55.2
79	44.7	36.2	54.4

Manual Integrations
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#18

Hexachloroethane

Concen: 37.215 ng

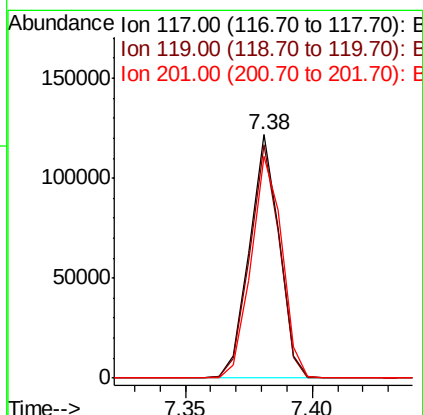
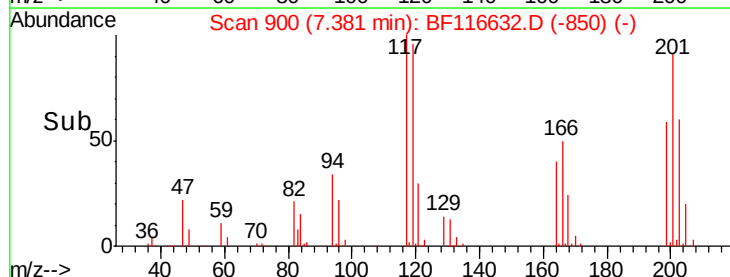
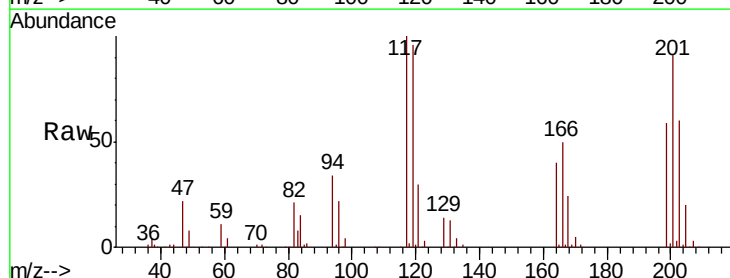
RT: 7.38 min Scan# 900

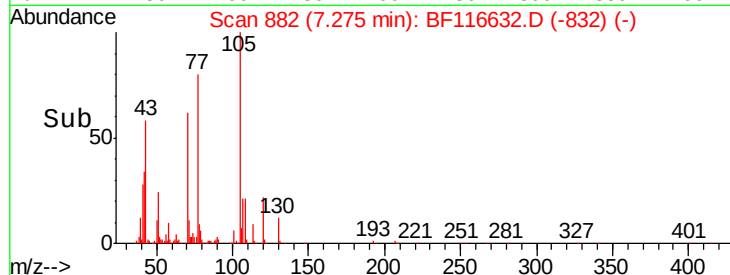
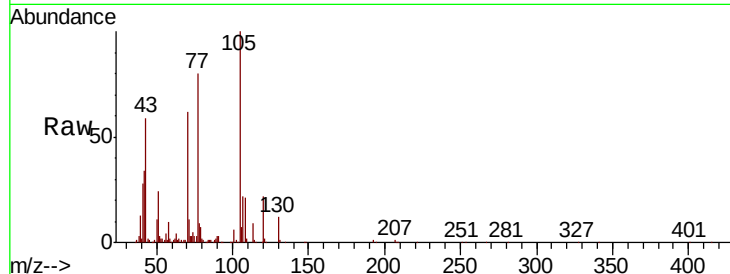
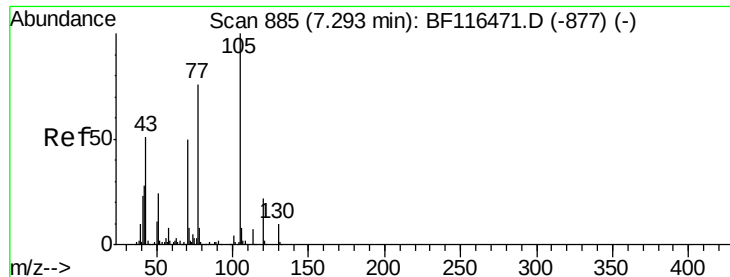
Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.6	118.0
201	91.4	86.2	129.2





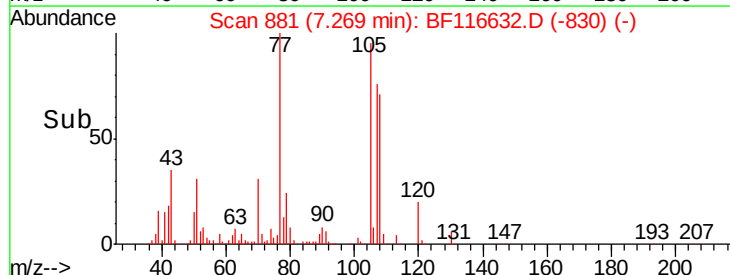
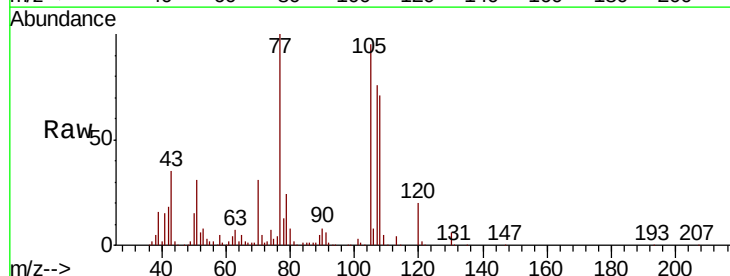
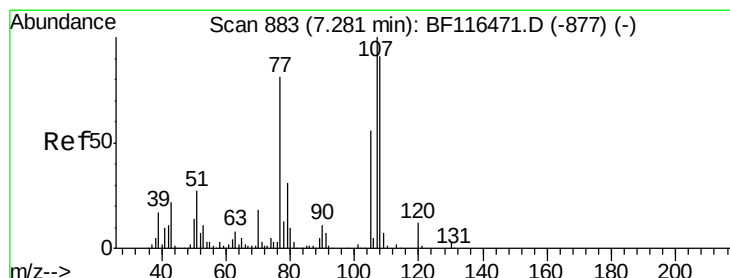
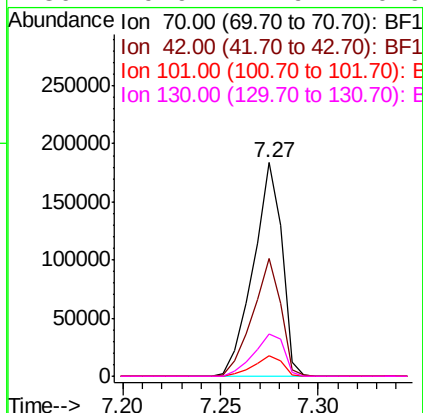
#19
n-Nitroso-di-n-propylamine
Concen: 39.928 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	41.2	61.8
101	9.8	7.7	11.5
130	19.9	17.9	26.9

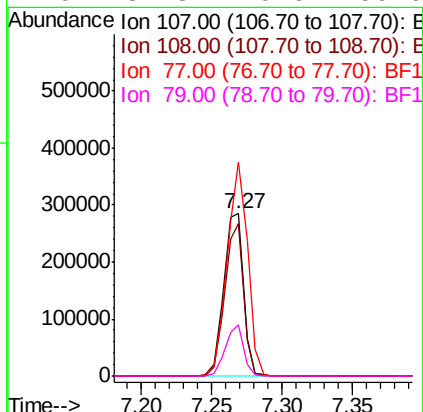
Manual Integrations
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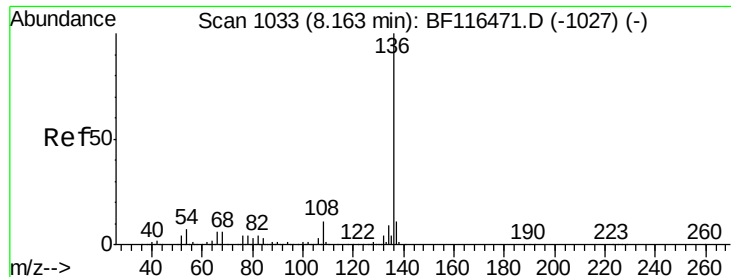
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#20
3+4-Methylphenols
Concen: 41.704 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	72.6	112.6
77	131.5	82.4	122.4#
79	31.3	10.6	50.6





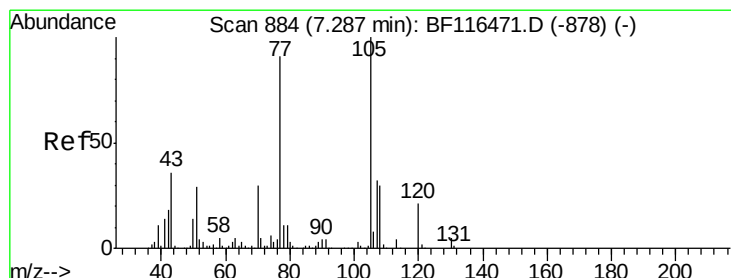
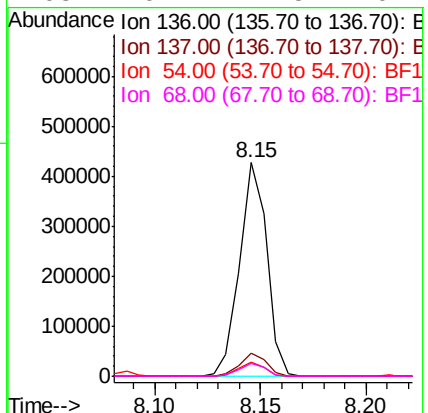
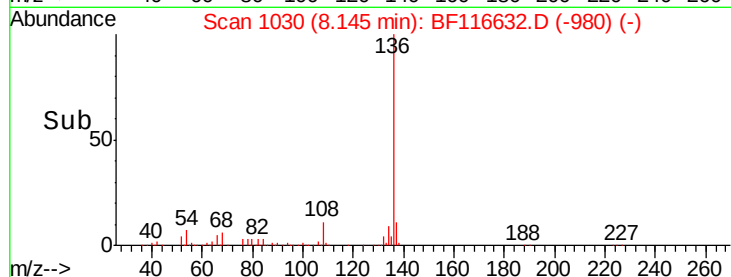
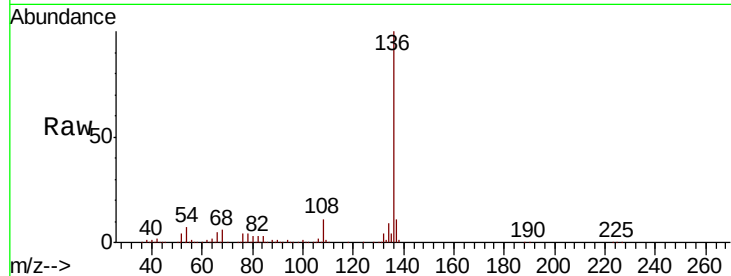
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	381547		
137	11.0	8.7	13.1	
54	6.9	5.0	7.4	
68	6.1	4.5	6.7	

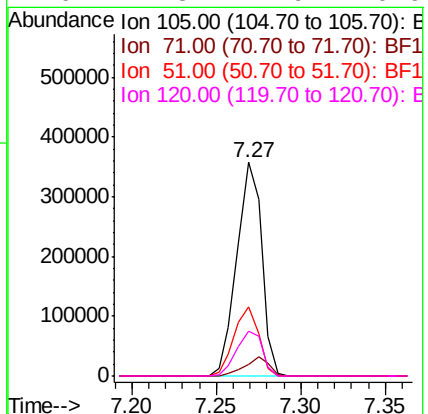
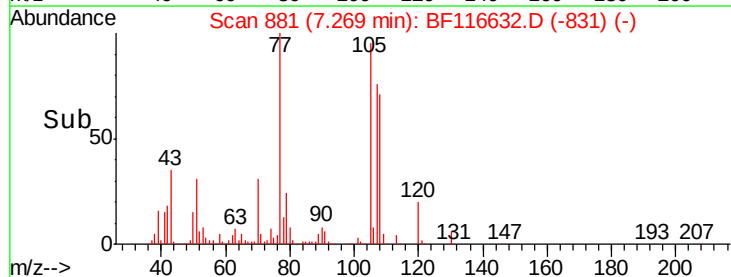
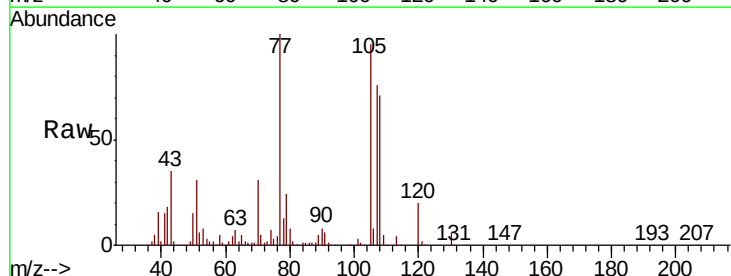
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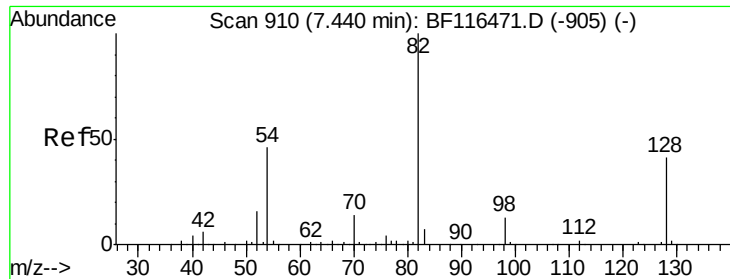
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#22
Acetophenone
Concen: 41.014 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	367539		
71	5.3	5.0	7.6	
51	32.6	20.7	31.1#	
120	21.3	17.9	26.9	





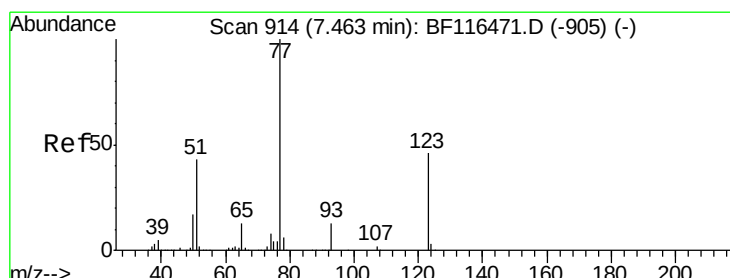
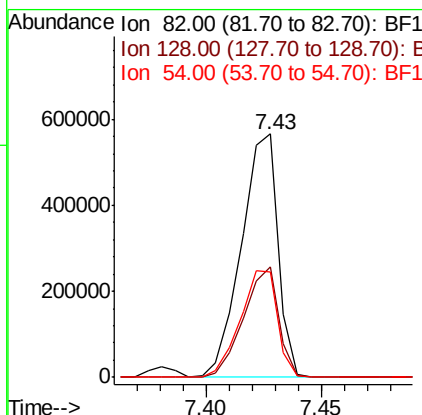
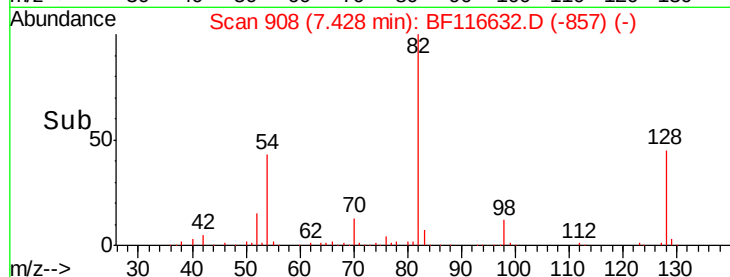
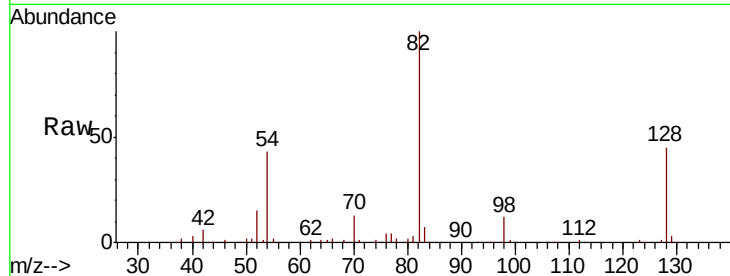
#23
 Nitrobenzene-d5
 Concen: 94.107 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.0	52.6
54	43.4	34.4	51.6

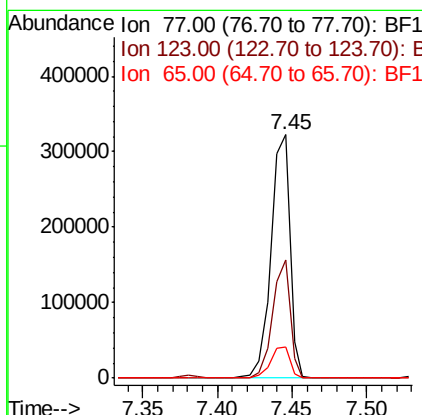
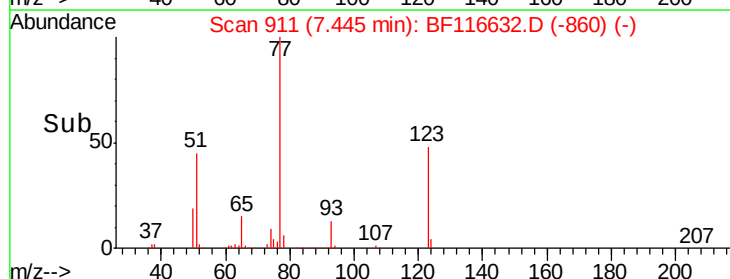
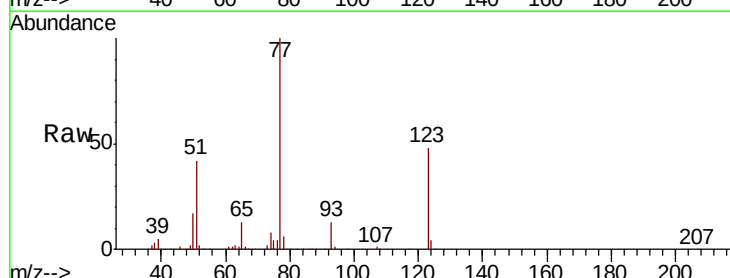
Manual Integrations
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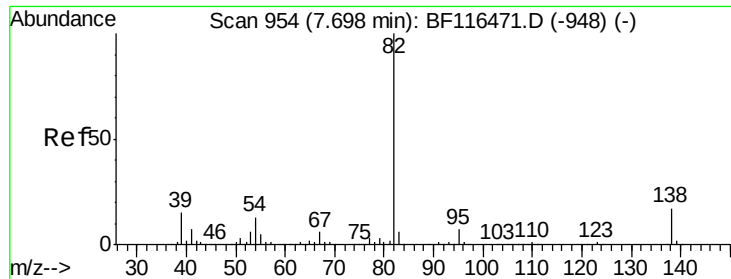
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#24
 Nitrobenzene
 Concen: 41.814 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.2	57.4
65	13.0	11.0	16.6





#25

Isophorone

Concen: 41.953 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

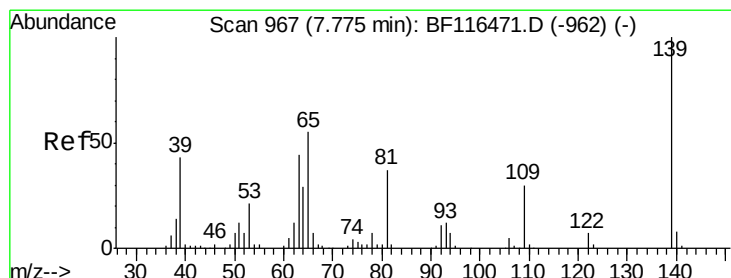
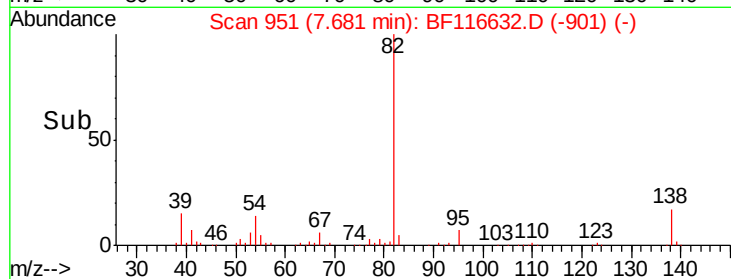
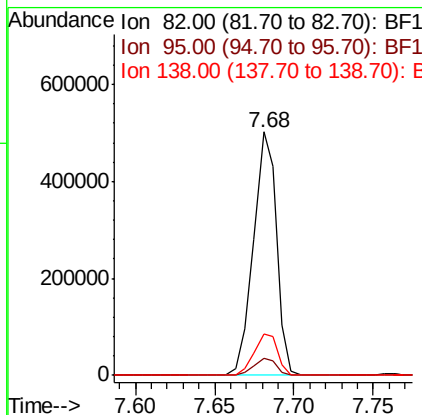
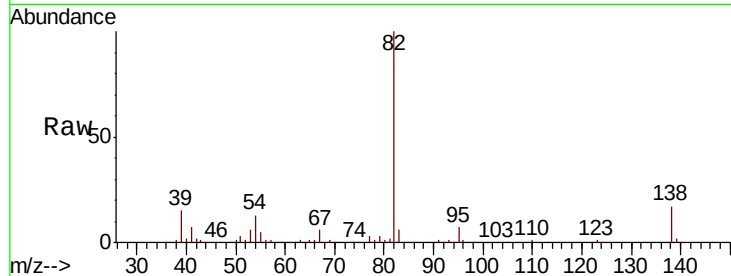
ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion:	82	Resp:	509262
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	16.8	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.789 ng

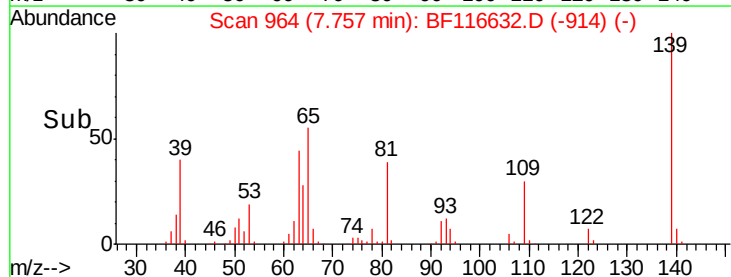
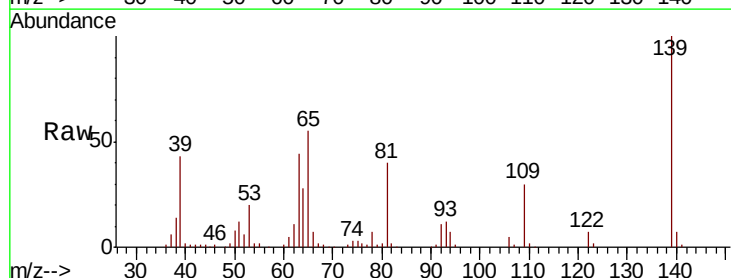
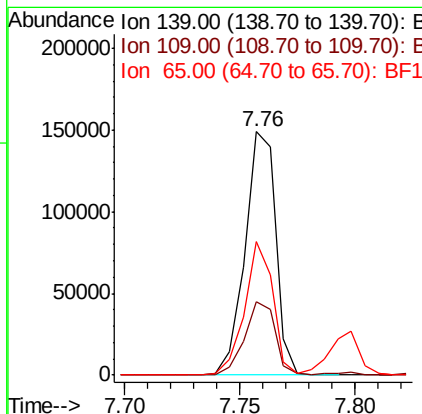
RT: 7.76 min Scan# 964

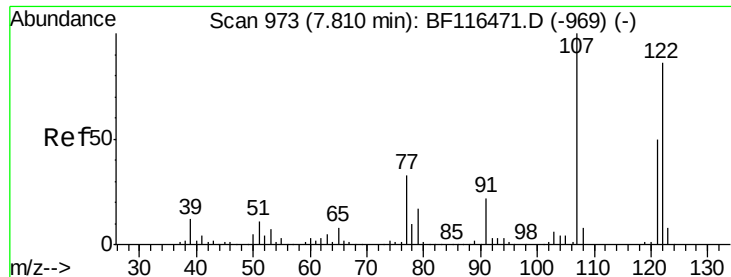
Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion:	139	Resp:	139045
Ion Ratio	Lower	Upper	
139	100		
109	29.9	22.4	33.6
65	55.0	36.9	55.3





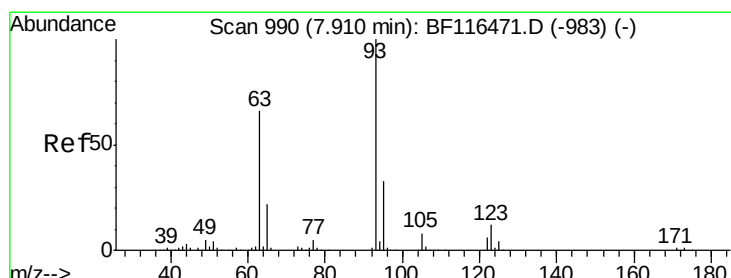
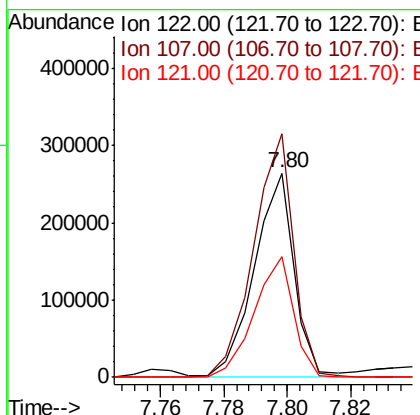
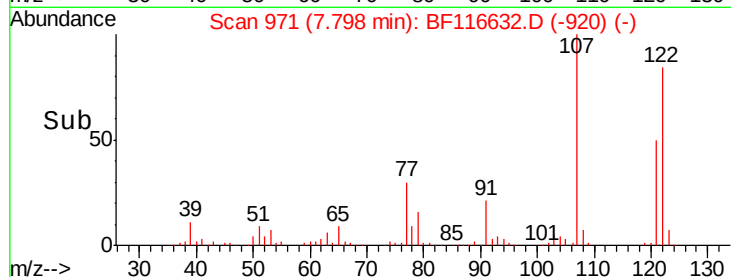
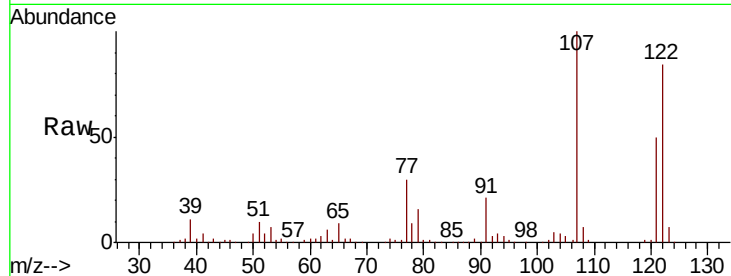
#27
 2,4-Dimethylphenol
 Concen: 45.422 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.1	95.4	143.0
121	59.1	47.8	71.8

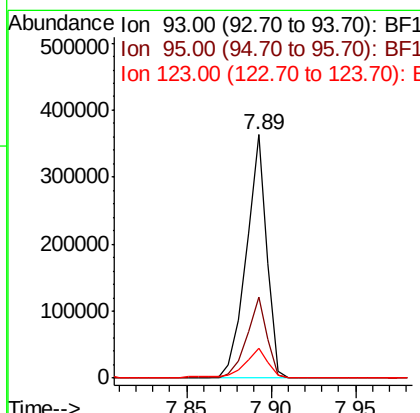
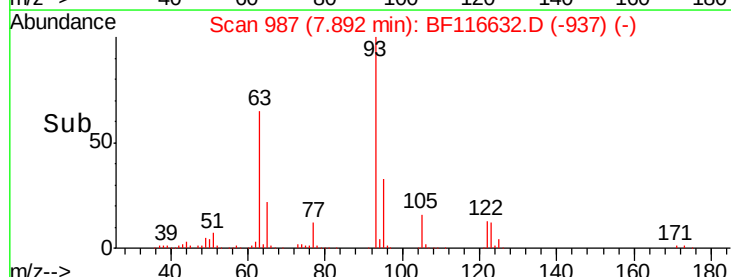
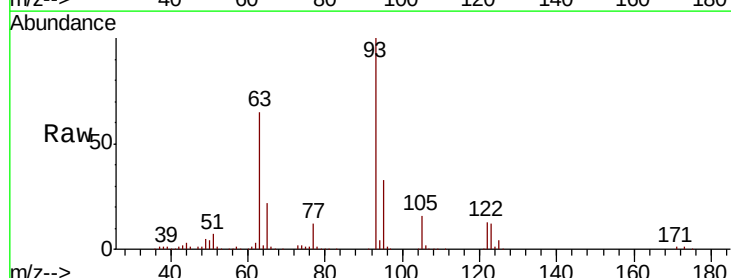
Manual Integrations
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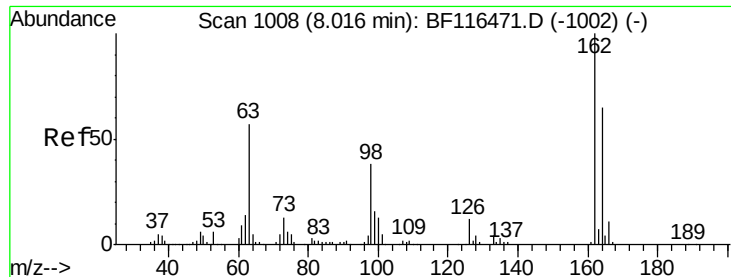
Jagrut
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.936 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.1	39.1
123	12.2	10.4	15.6





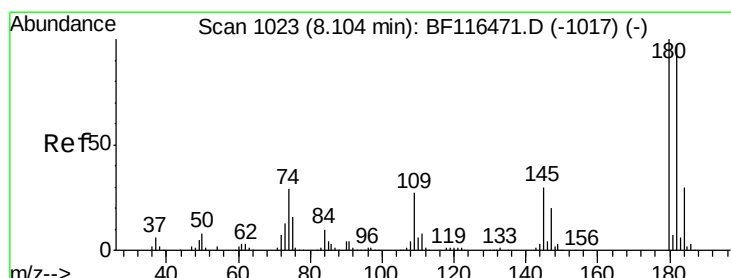
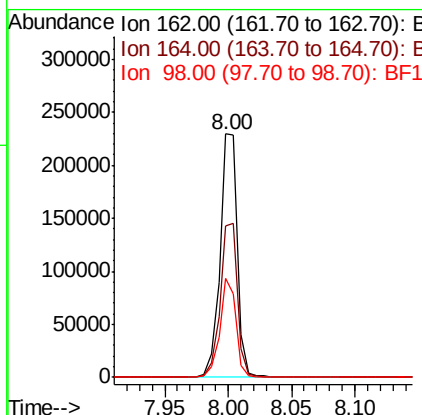
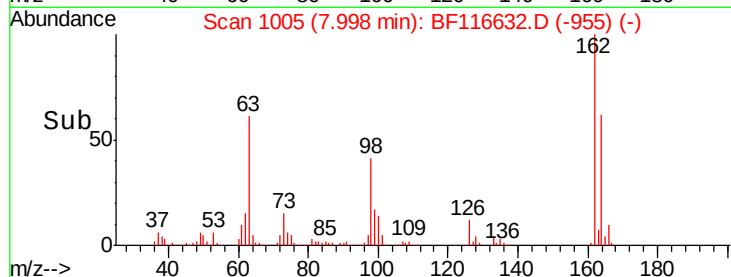
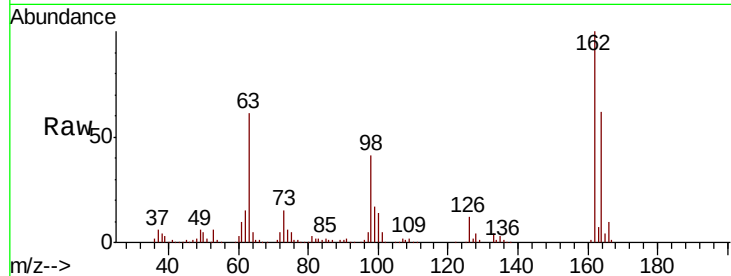
#29
2,4-Dichlorophenol
Concen: 41.277 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	219521		
164	62.3	45.9	85.9	
98	40.5	17.4	57.4	

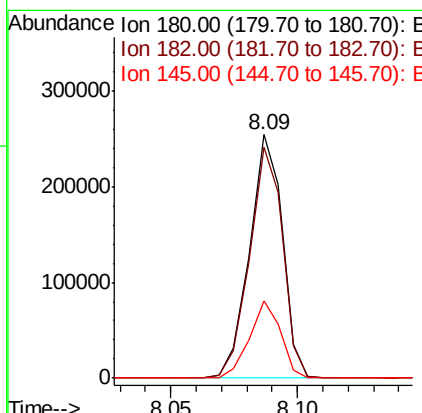
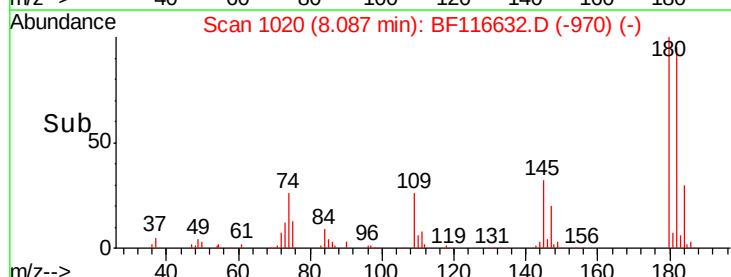
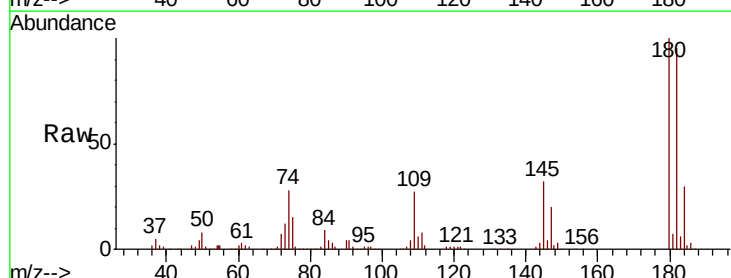
Manual Integrations
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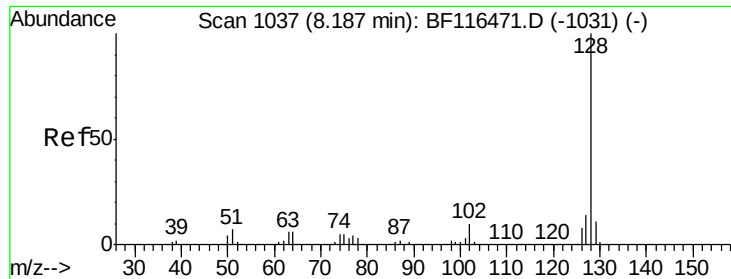
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#30
1,2,4-Trichlorobenzene
Concen: 37.642 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229967		
182	94.6	76.7	115.1	
145	31.8	24.1	36.1	





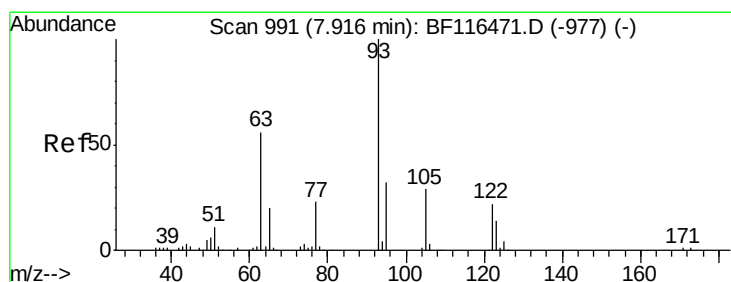
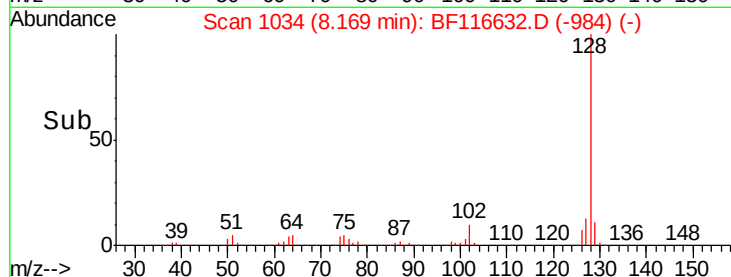
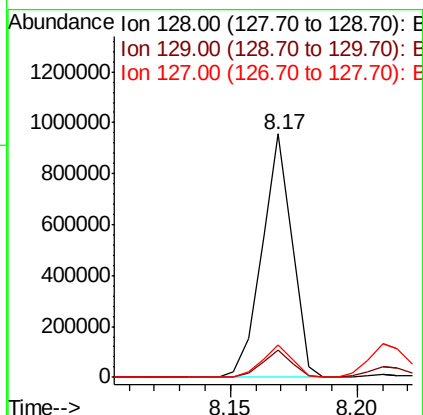
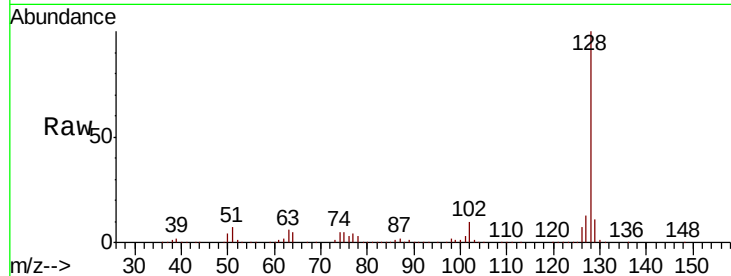
#31
Naphthalene
Concen: 42.992 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	128	Resp	785754
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.4	10.9	16.3

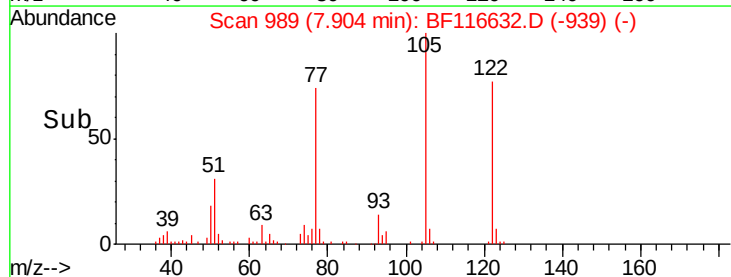
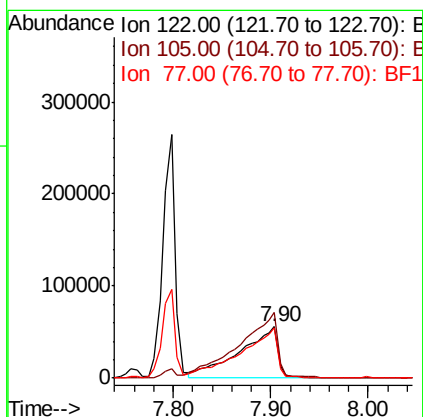
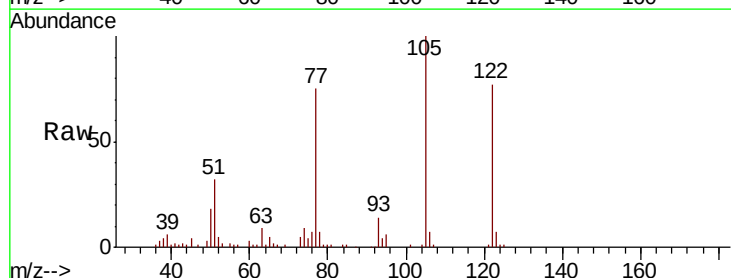
Manual Integrations
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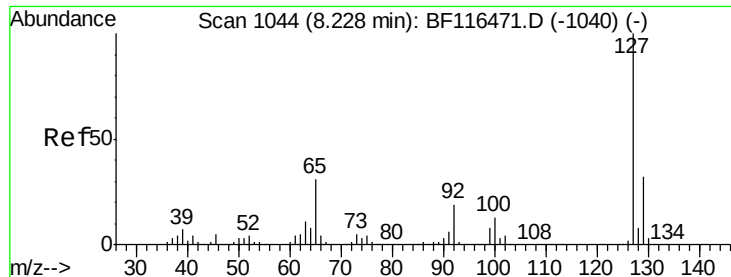
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#32
Benzoic acid
Concen: 35.163 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	122	Resp	152905
Ion	Ratio	Lower	Upper
122	100		
105	129.8	105.8	145.8
77	97.3	74.1	114.1





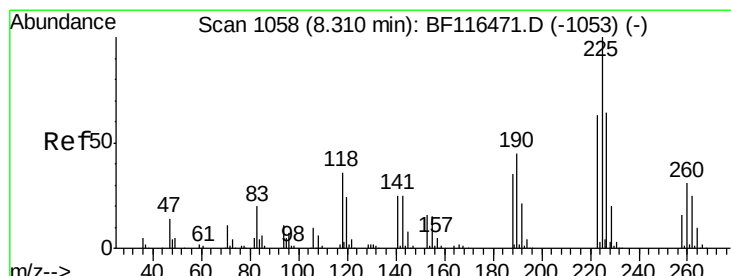
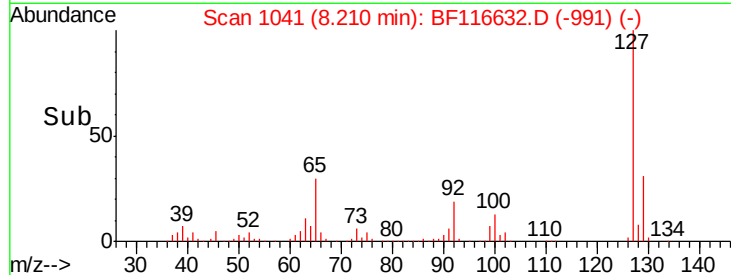
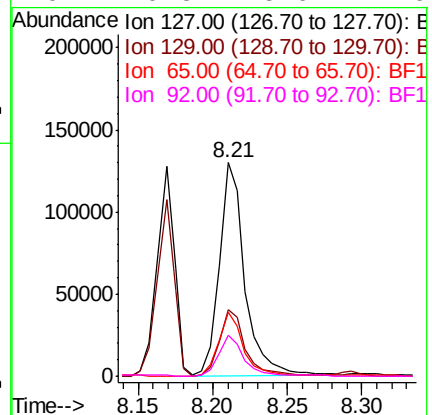
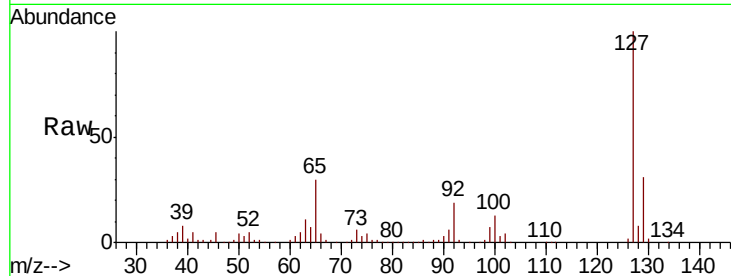
#33
4-Chloroaniline
Concen: 19.308 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	25.9	38.9	
65	30.0	22.6	33.8	
92	19.3	15.0	22.6	

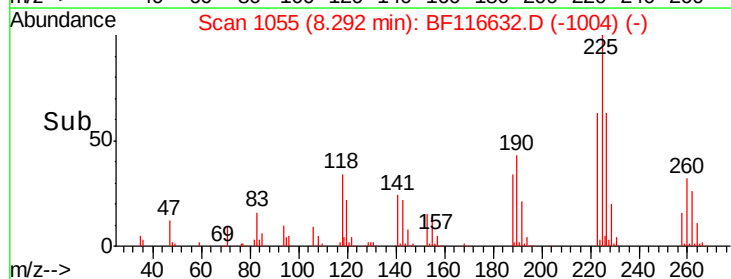
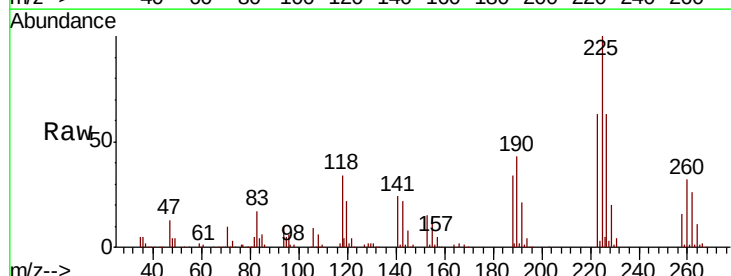
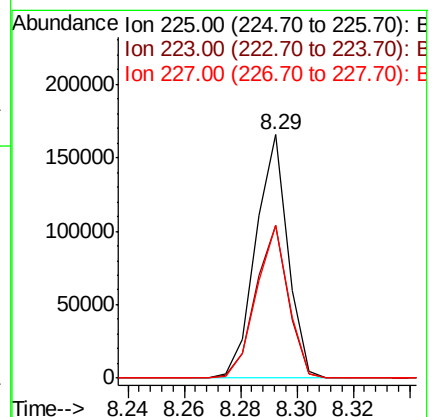
Manual Integrations
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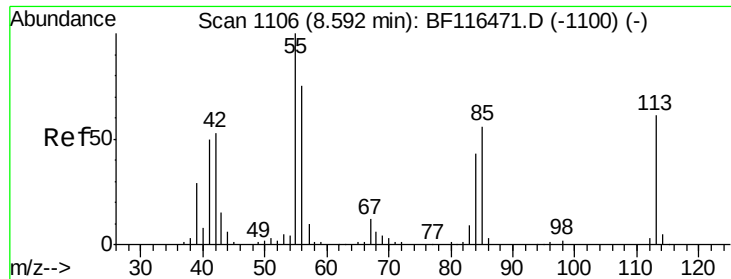
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#34
Hexachlorobutadiene
Concen: 38.435 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.7	76.1	
227	62.9	50.4	75.6	





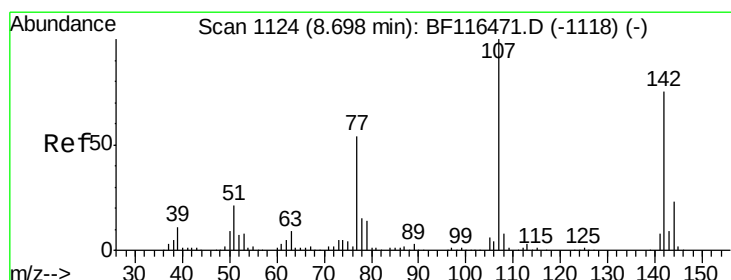
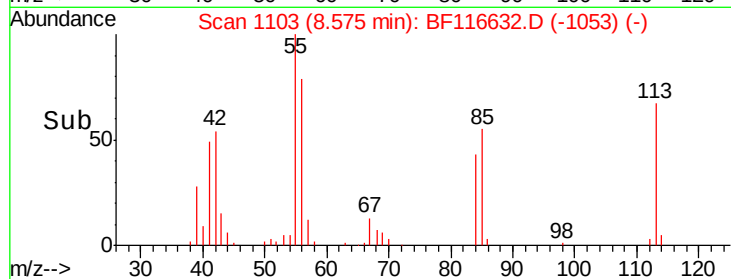
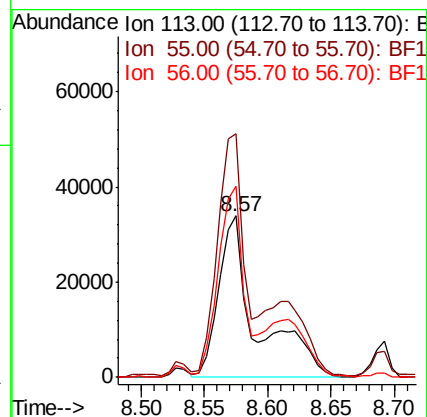
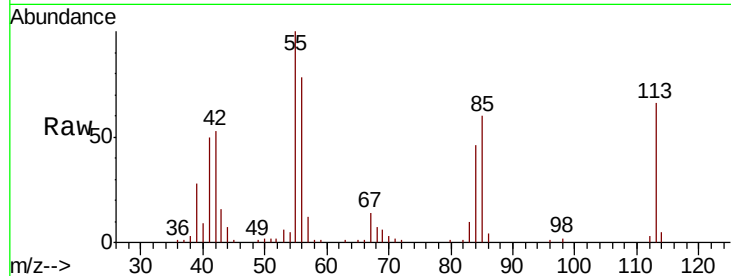
#35
Caprolactam
Concen: 44.395 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.0	128.3	168.3
56	118.2	93.2	133.2

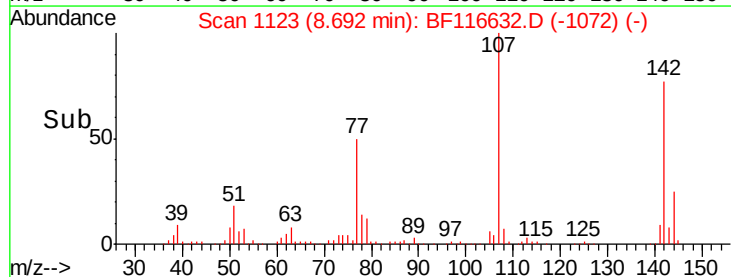
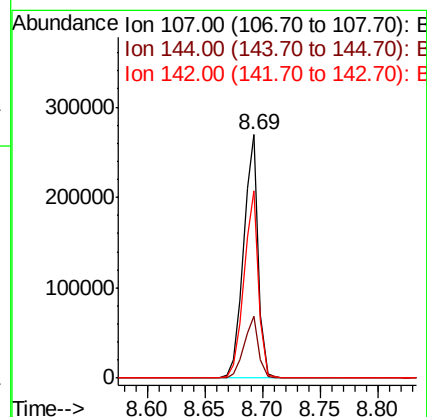
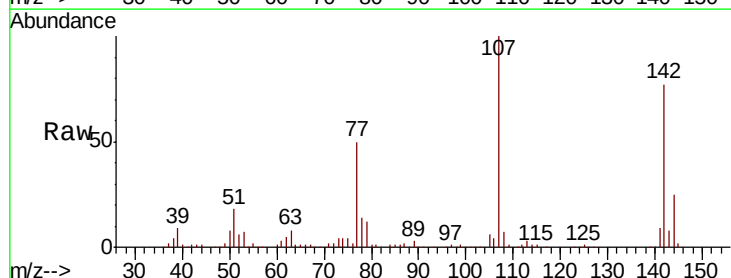
Manual Integrations
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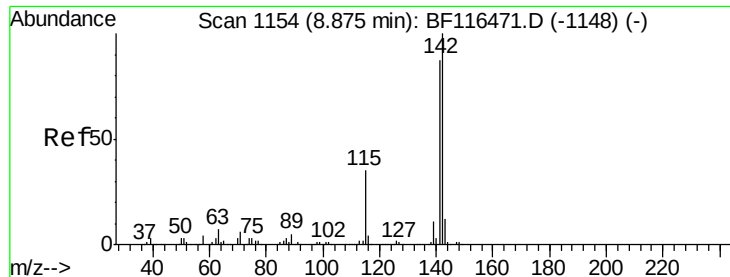
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#36
4-Chloro-3-methylphenol
Concen: 44.207 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.6	30.8
142	76.8	63.8	95.6





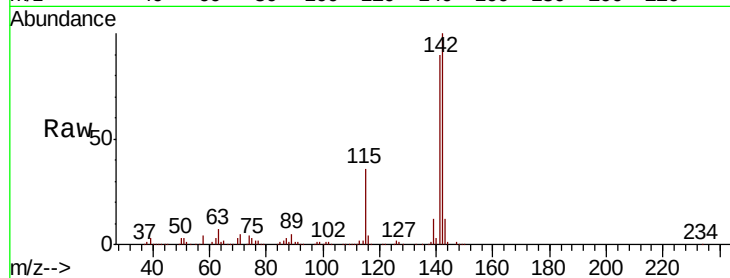
#37
2-Methylnaphthalene
Concen: 42.625 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	486528		
141	90.1	69.5	104.3	
115	35.5	26.0	39.0	

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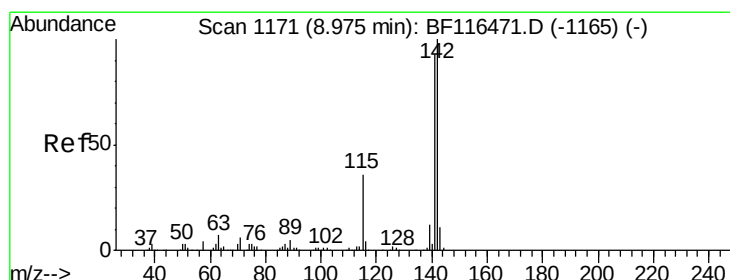
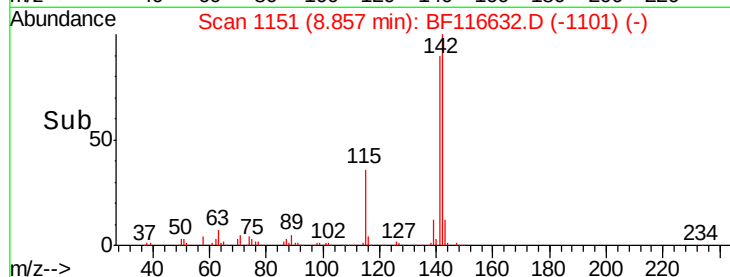
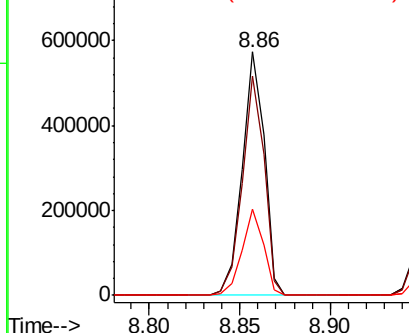


Abundance

Ion 142.00 (141.70 to 142.70): E

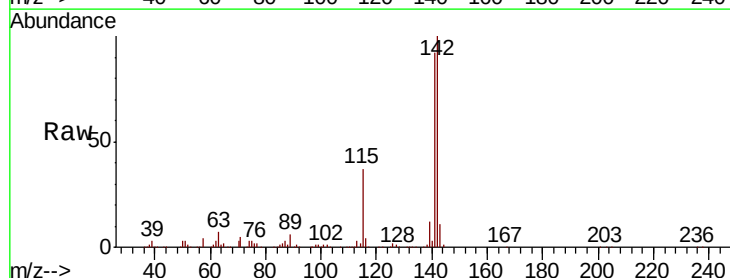
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.949 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	456463		
141	92.1	73.1	109.7	
116	3.7	2.7	4.1	

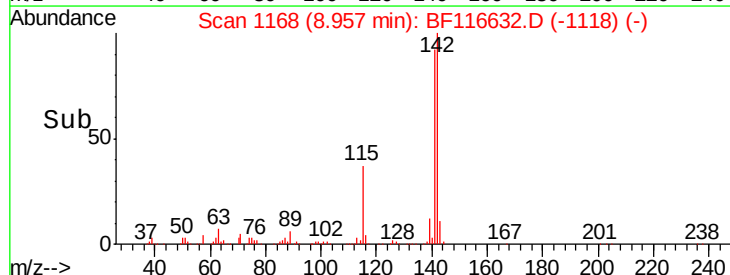
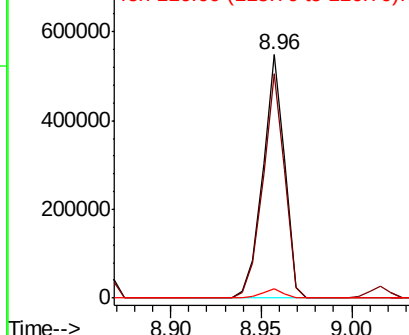


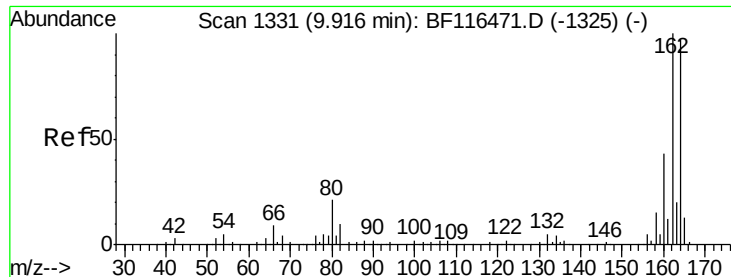
Abundance

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





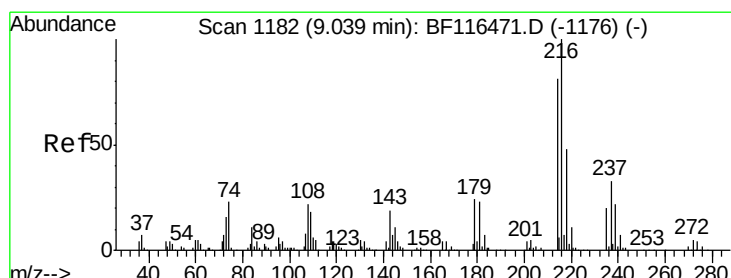
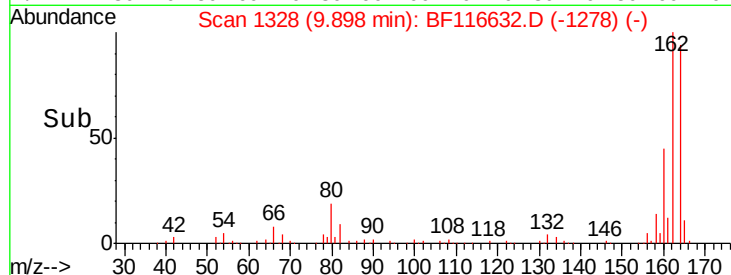
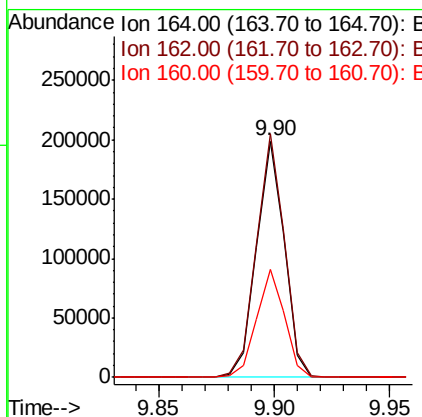
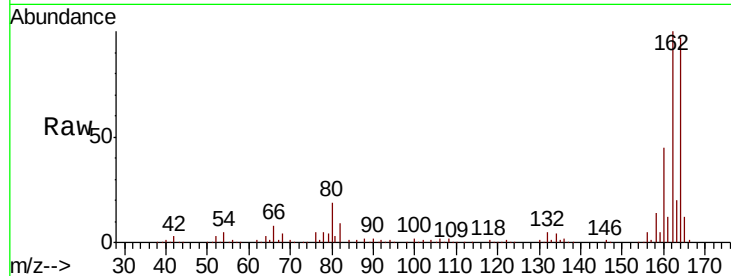
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.4	125.0
160	45.9	37.0	55.4

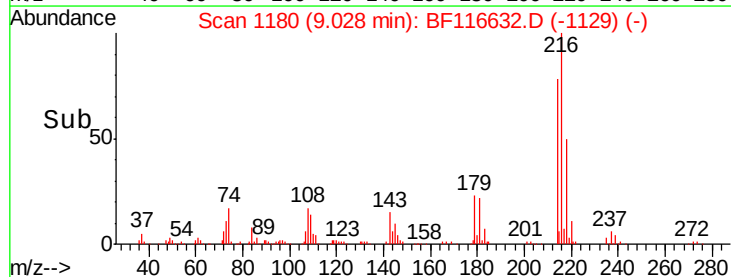
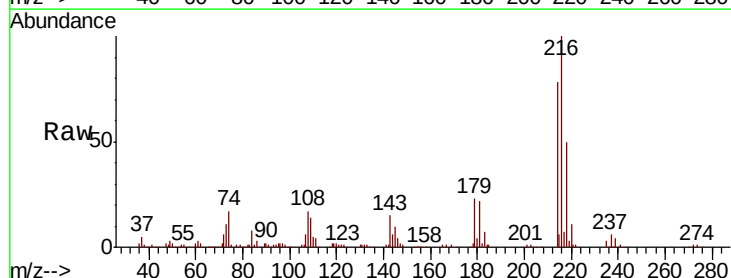
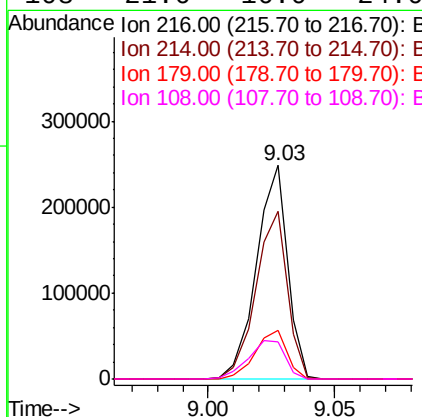
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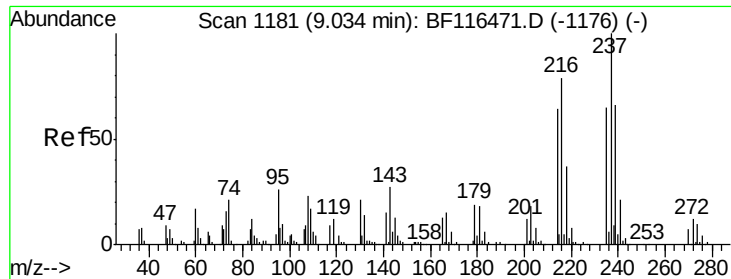
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.238 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.3	94.9
179	23.1	17.9	26.9
108	21.6	16.0	24.0





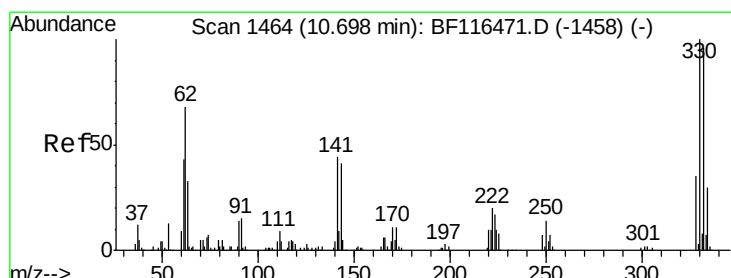
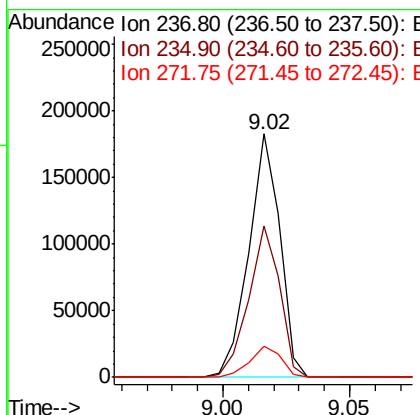
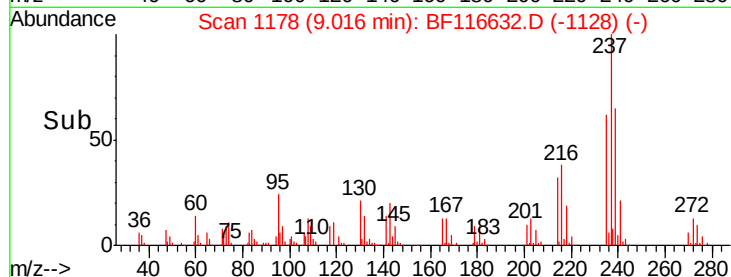
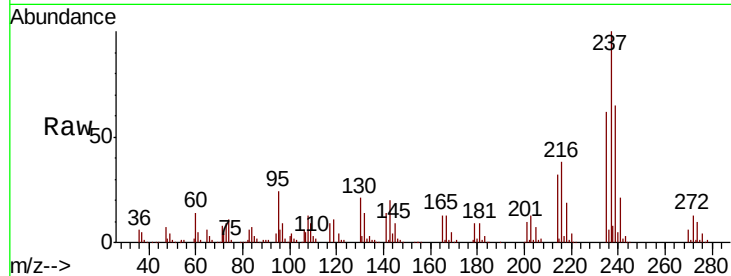
#41
Hexachlorocyclopentadiene
Concen: 58.732 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	42.9	82.9
272	12.6	0.0	33.8

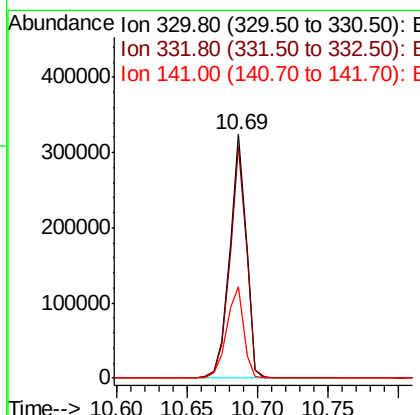
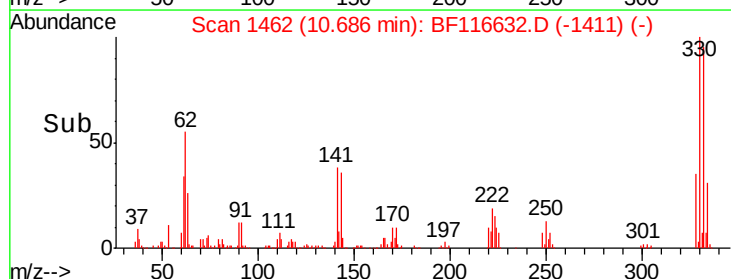
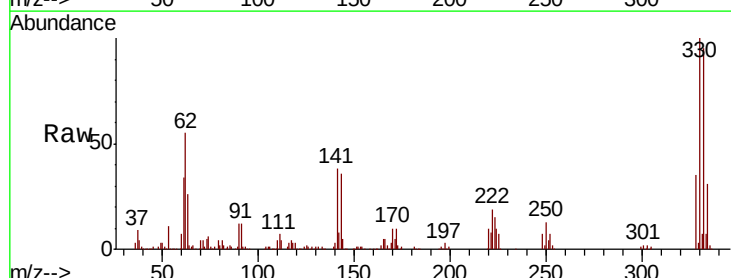
Manual Integrations
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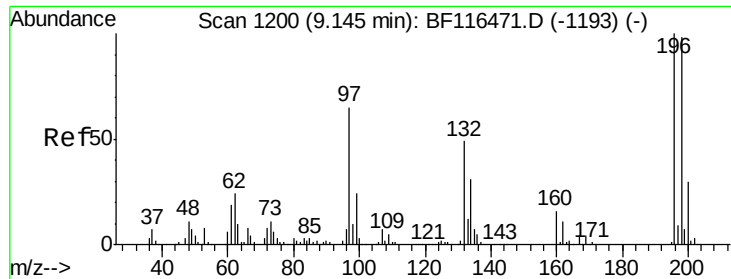
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#42
2,4,6-Tribromophenol
Concen: 164.940 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.2	77.5	116.3
141	38.7	28.2	42.2





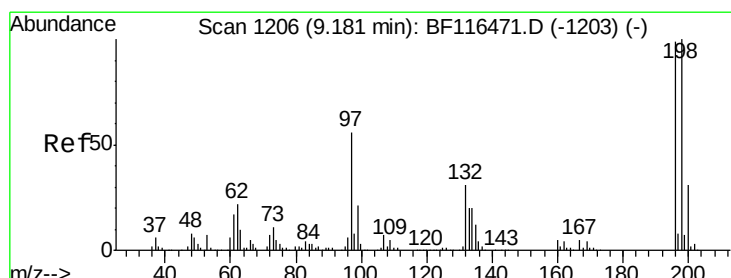
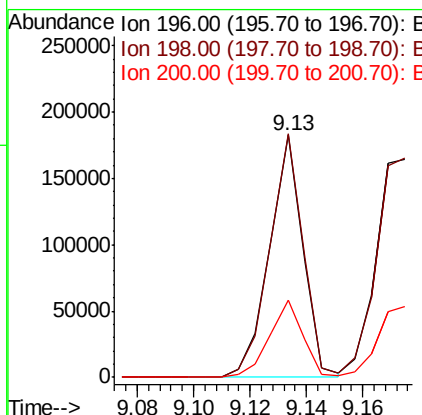
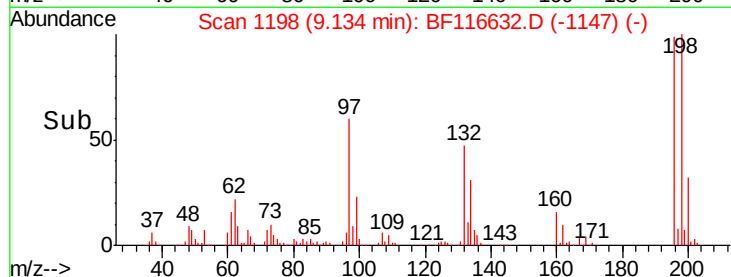
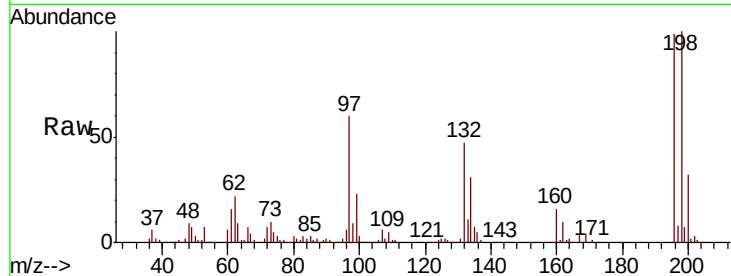
#43
 2,4,6-Trichlorophenol
 Concen: 46.381 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	150107		
198	100.6	76.8	115.2	
200	32.1	25.0	37.6	

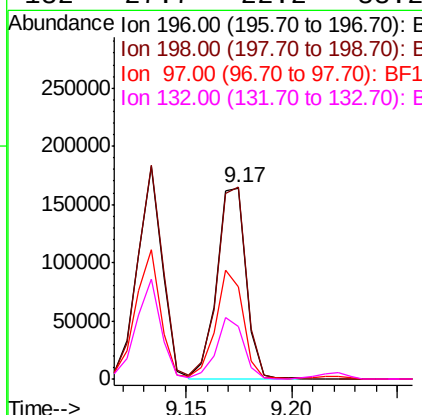
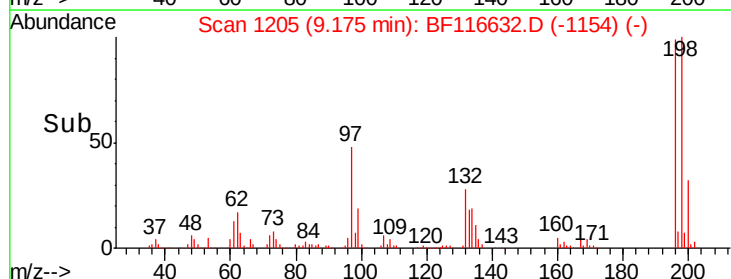
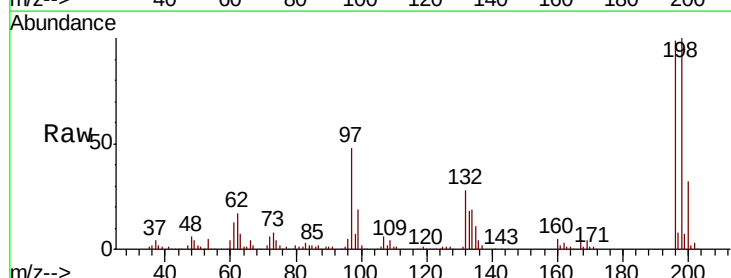
Manual Integrations
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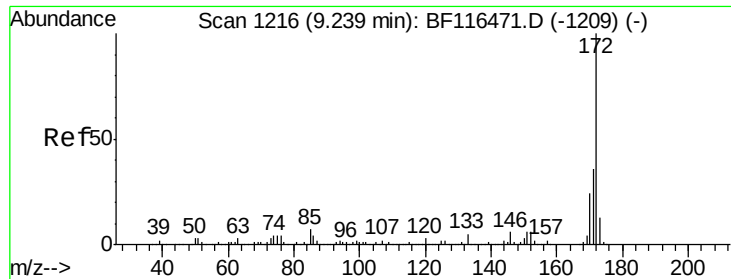
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#44
 2,4,5-Trichlorophenol
 Concen: 48.685 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158474		
198	100.6	82.0	123.0	
97	48.5	37.0	55.6	
132	27.7	22.2	33.2	





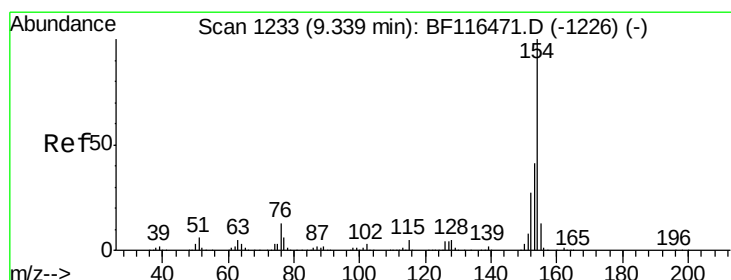
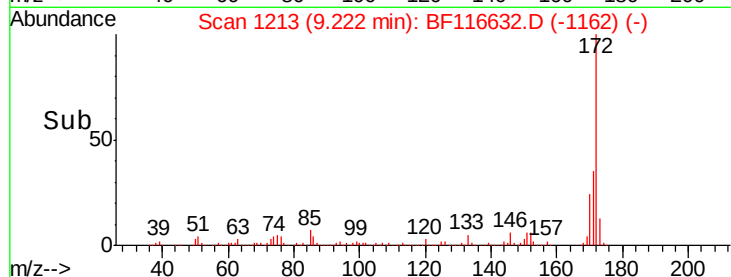
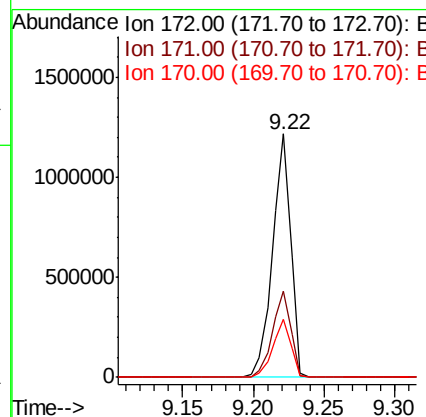
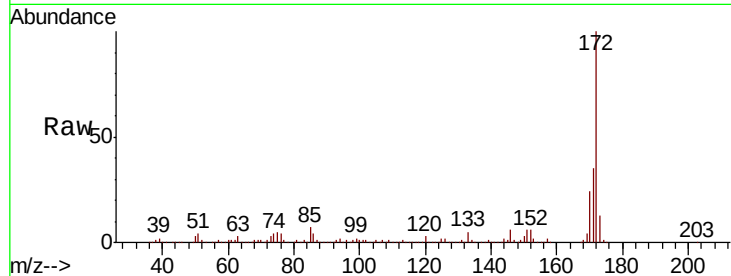
#45
2-Fluorobiphenyl
Concen: 109.654 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.9	19.3	28.9

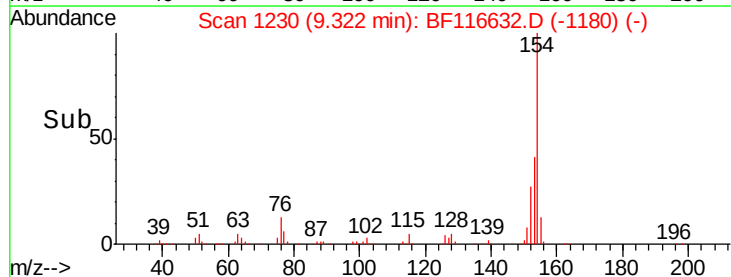
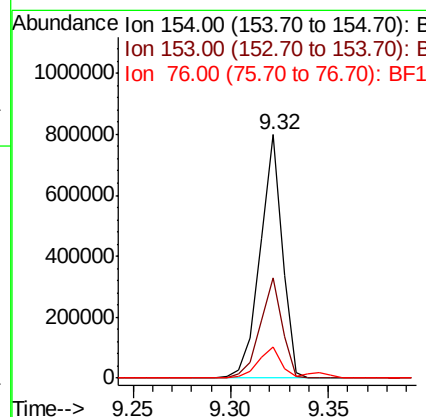
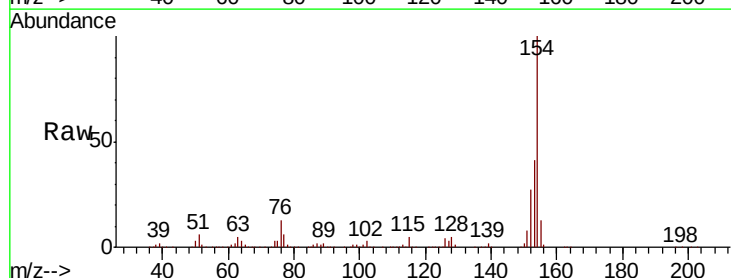
Manual Integrations
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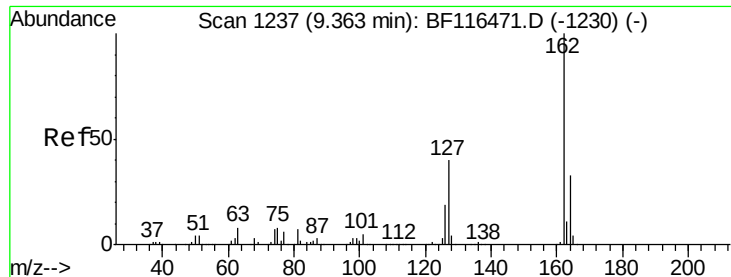
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#46
1,1'-Biphenyl
Concen: 49.218 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	12.7	0.0	31.8





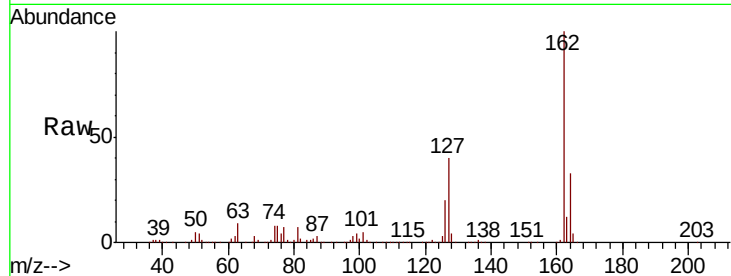
#47
 2-Chloronaphthalene
 Concen: 48.405 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

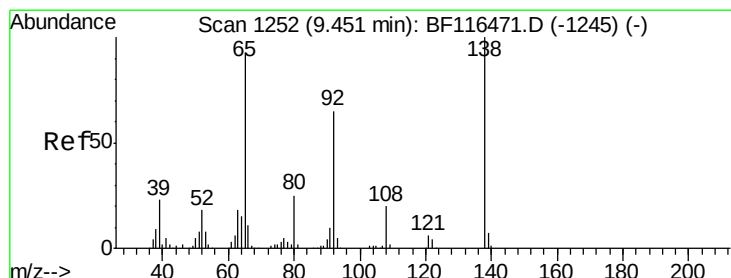
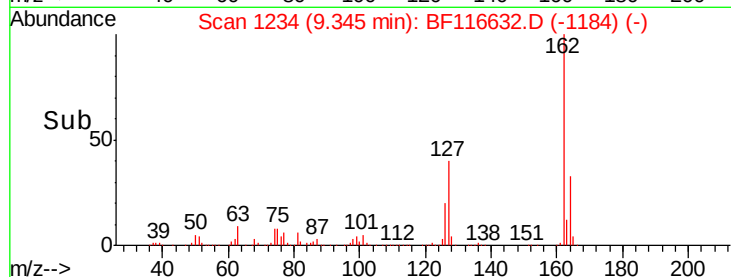
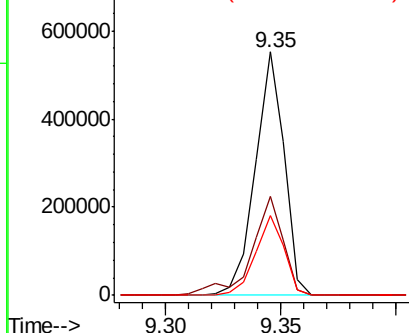
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.1	46.7
164	32.6	26.8	40.2

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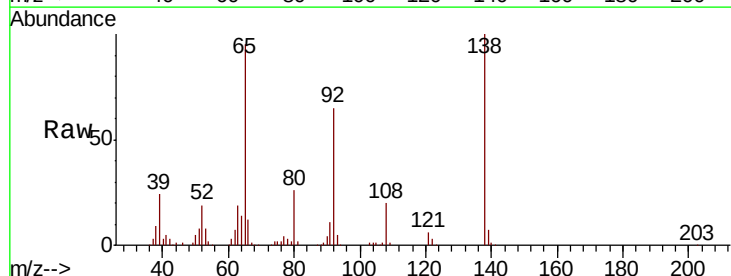


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

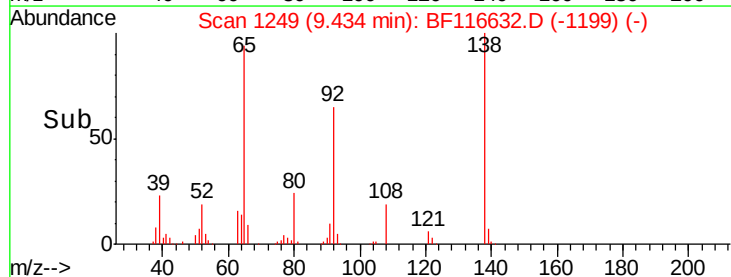
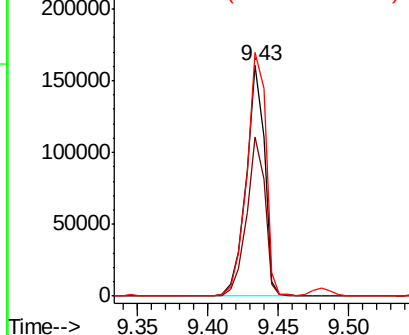


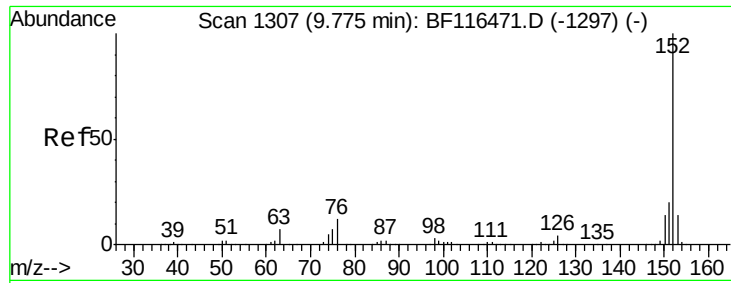
#48
 2-Nitroaniline
 Concen: 46.358 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	58.2	87.2
138	105.7	96.6	144.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.108 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

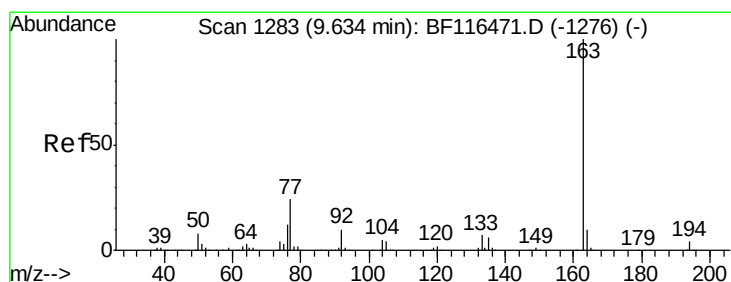
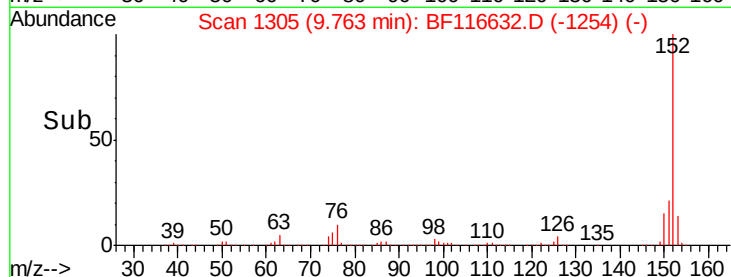
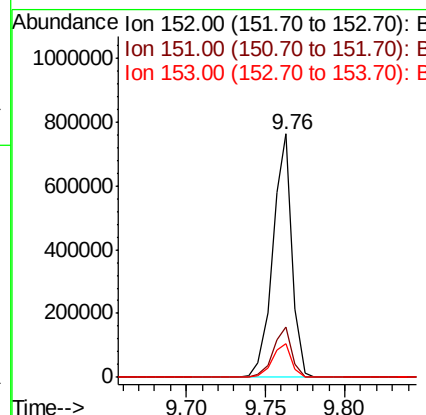
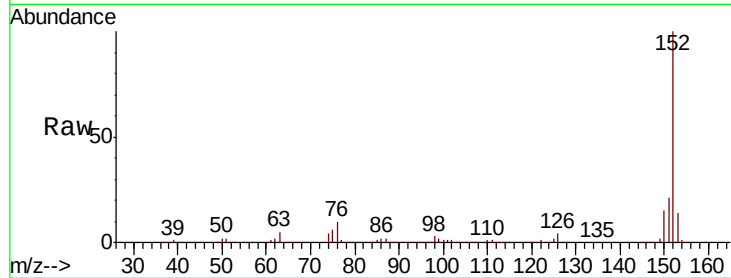
ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion:	152	Resp:	643936
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.4	24.6
153	13.8	11.3	16.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 53.271 ng

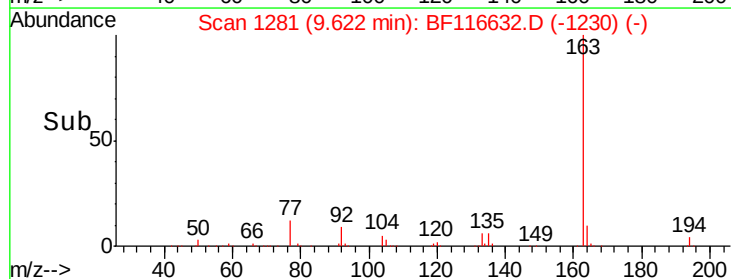
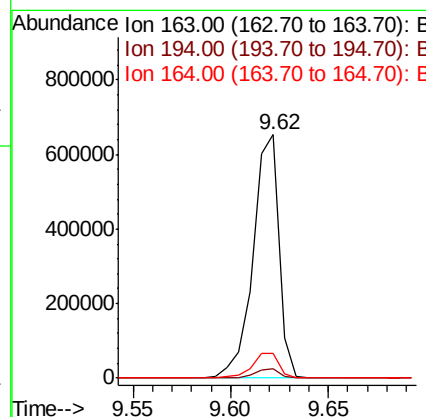
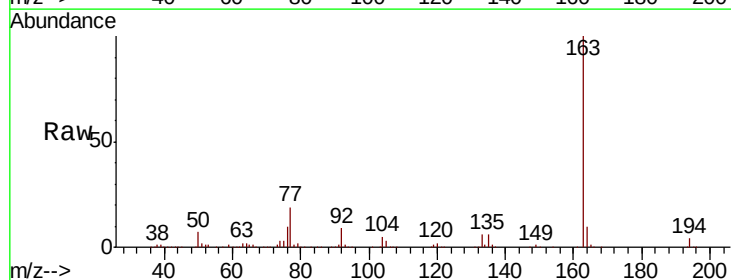
RT: 9.62 min Scan# 1281

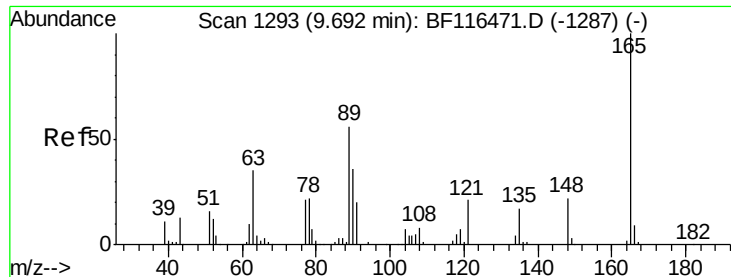
Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion:	163	Resp:	601526
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	10.2	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 46.452 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

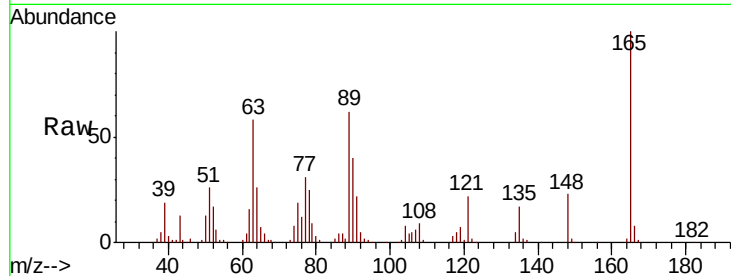
ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion:	165	Resp:	115664
Ion Ratio	Lower	Upper	
165	100		
63	58.2	37.2	55.8#
89	61.7	40.8	61.2#

Manual Integrations
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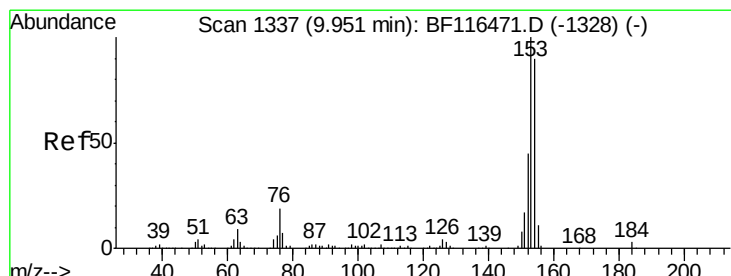
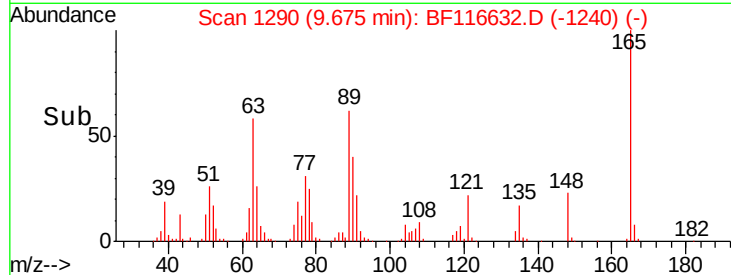
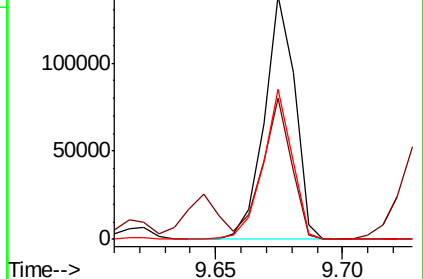
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 52.318 ng

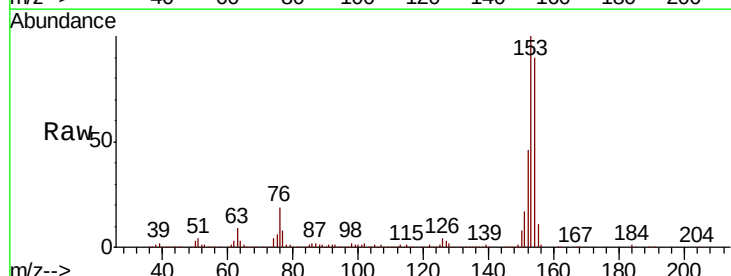
RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

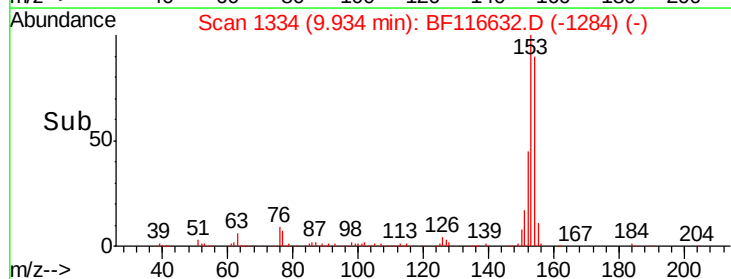
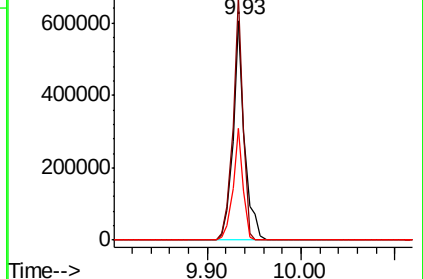
Tgt Ion:	154	Resp:	517166
Ion Ratio	Lower	Upper	
154	100		
153	111.0	86.6	129.8
152	50.9	39.4	59.0

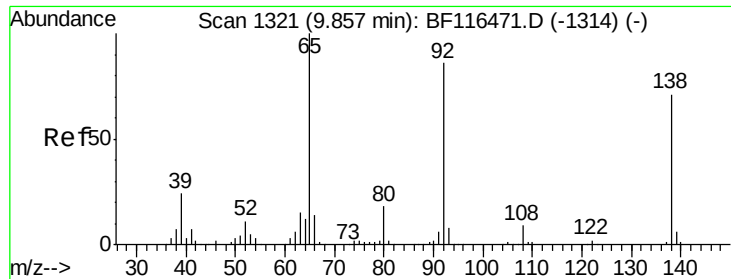


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





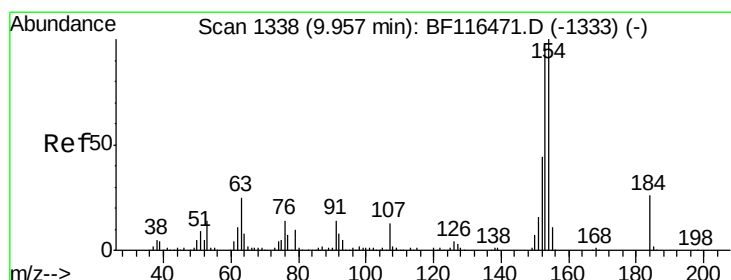
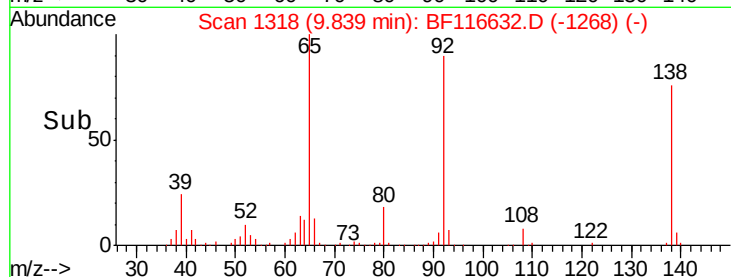
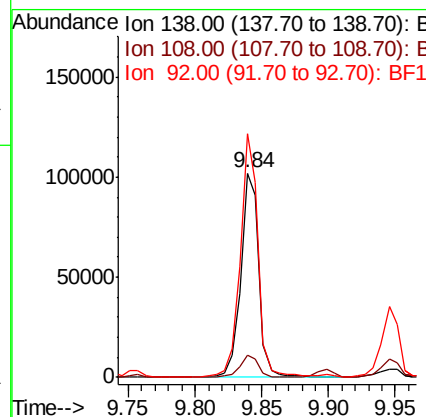
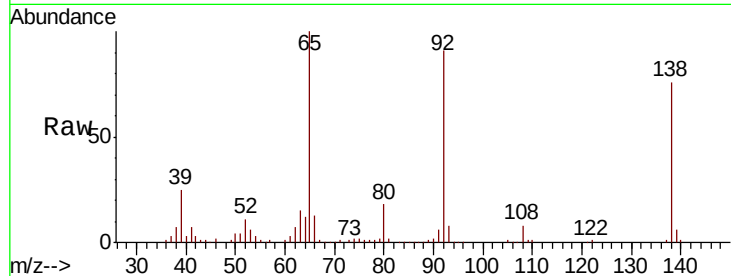
#53
3-Nitroaniline
Concen: 32.535 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	119.4	91.6	137.4

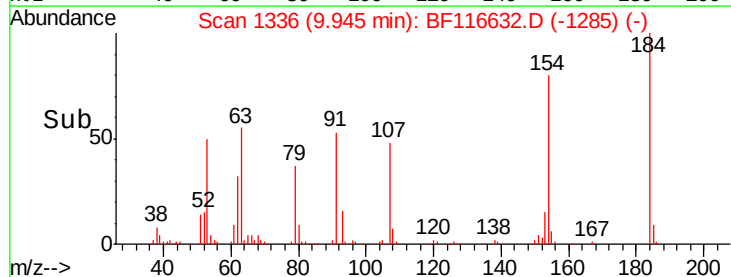
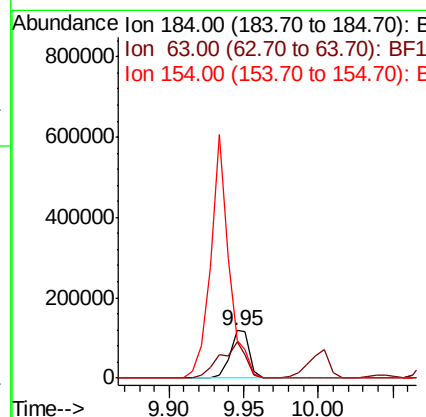
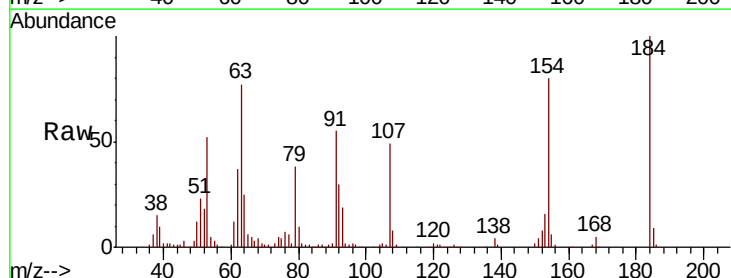
Manual Integrations
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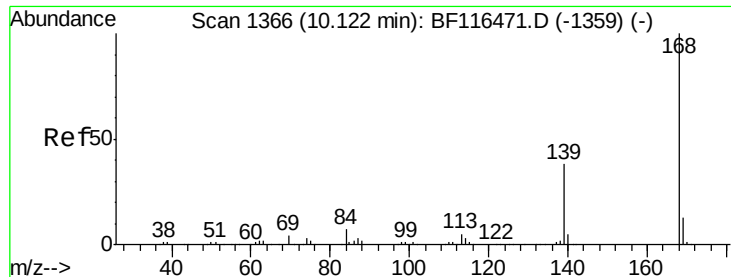
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#54
2,4-Dinitrophenol
Concen: 89.680 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.8	62.7	94.1
154	80.1	150.0	225.0#





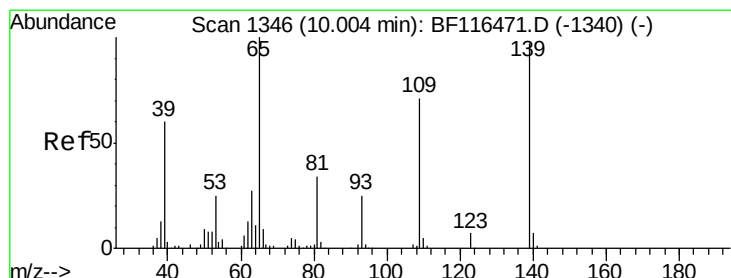
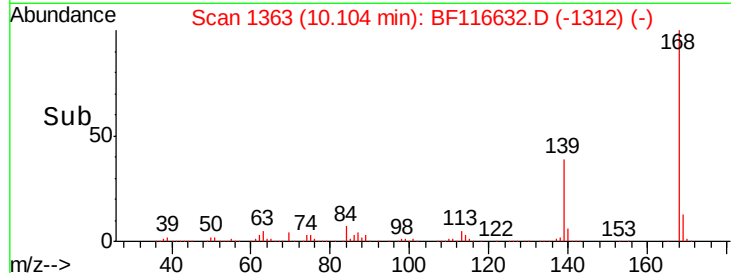
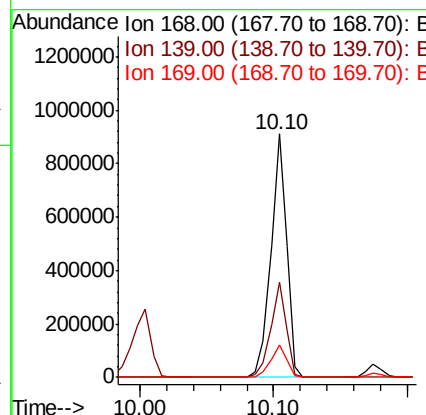
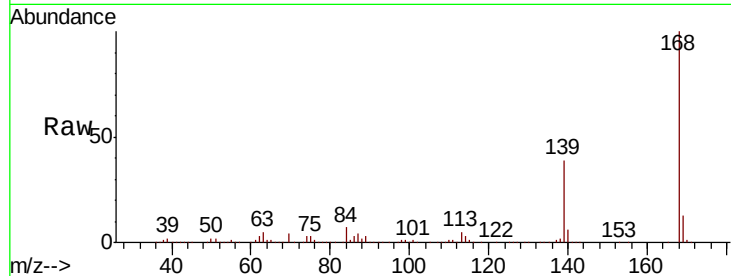
#55
Dibenzenofuran
Concen: 55.786 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100	742599		
139	39.0		31.3	46.9
169	13.4		11.3	16.9

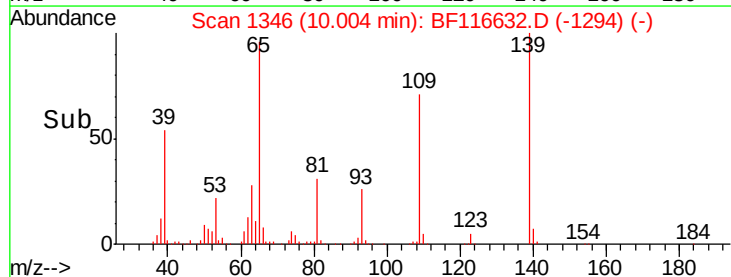
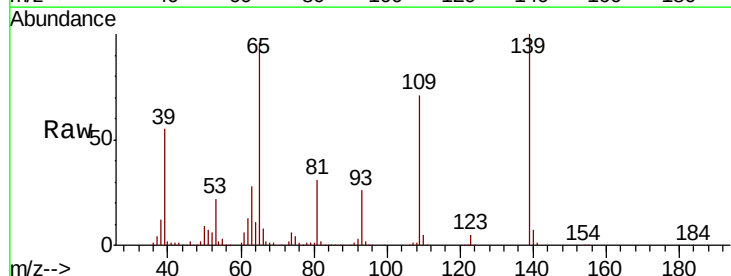
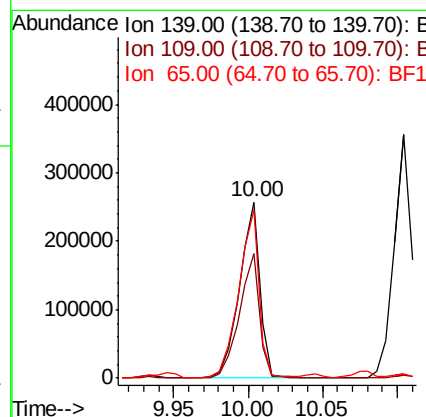
Manual Integrations
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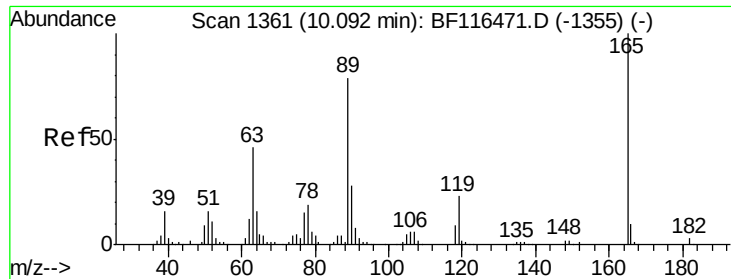
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#56
4-Nitrophenol
Concen: 109.985 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	248589		
109	70.9		45.5	85.5
65	95.6		66.8	106.8





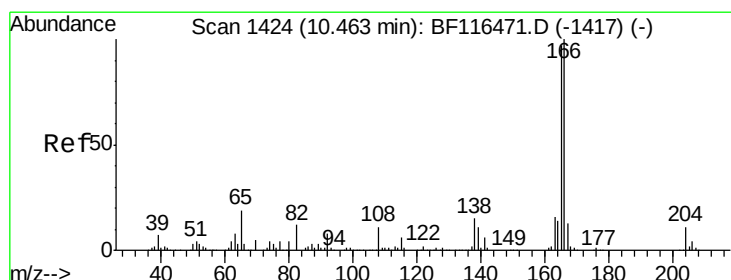
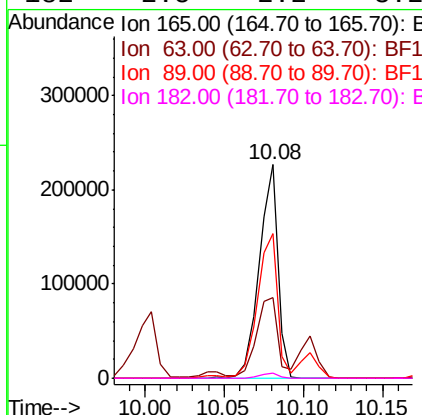
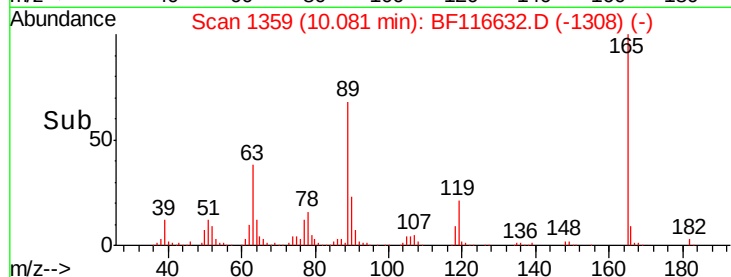
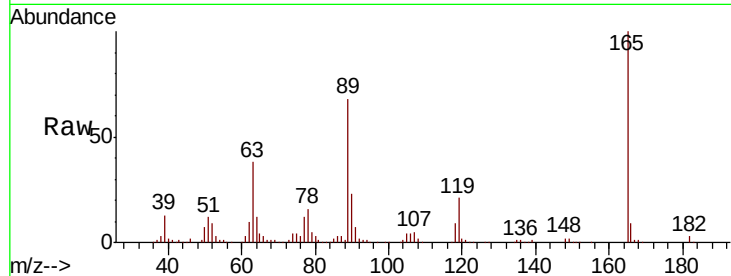
#57
2,4-Dinitrotoluene
Concen: 57.257 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.7	30.9	46.3
89	67.9	55.0	82.6
182	2.5	2.2	3.2

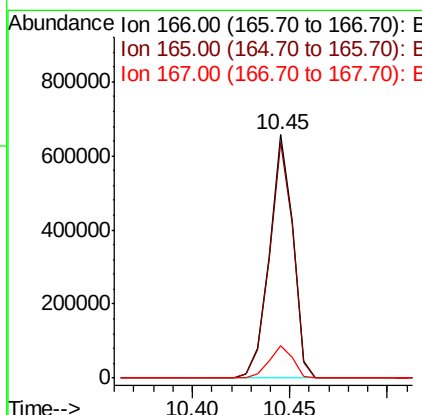
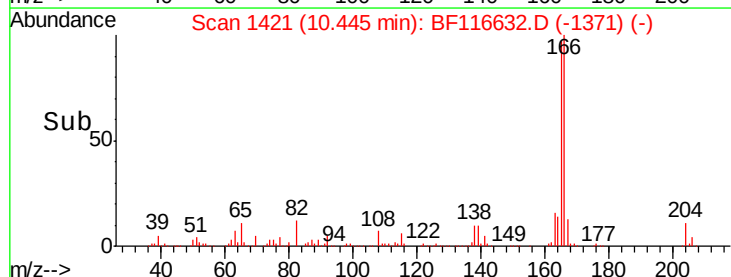
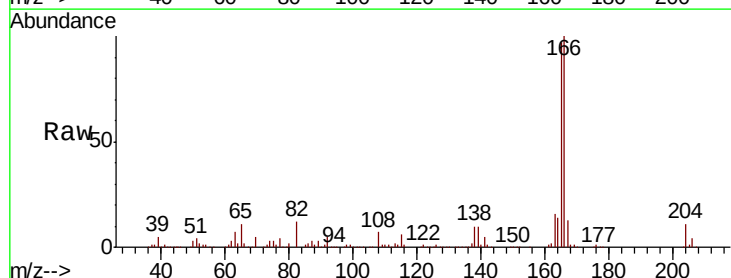
Manual Integrations
APPROVED

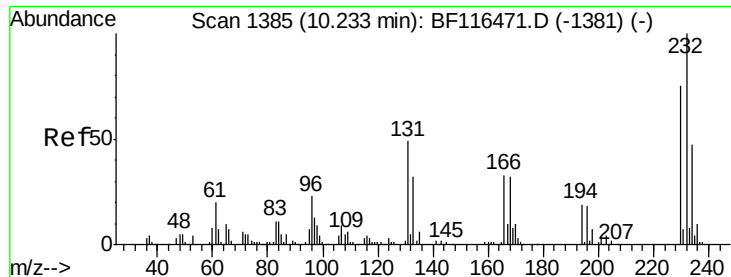
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#58
Fluorene
Concen: 54.230 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.8	116.6
167	13.3	10.6	16.0





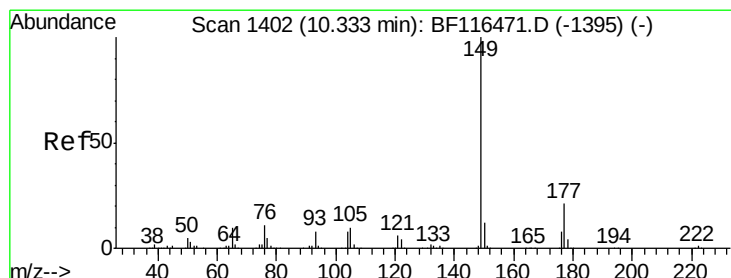
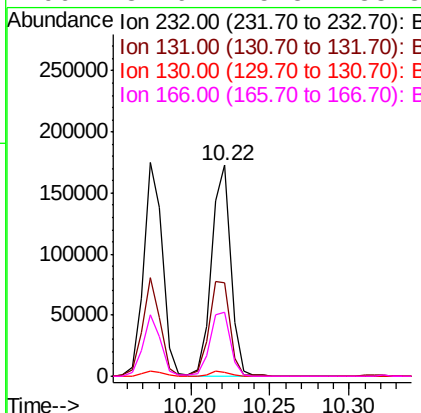
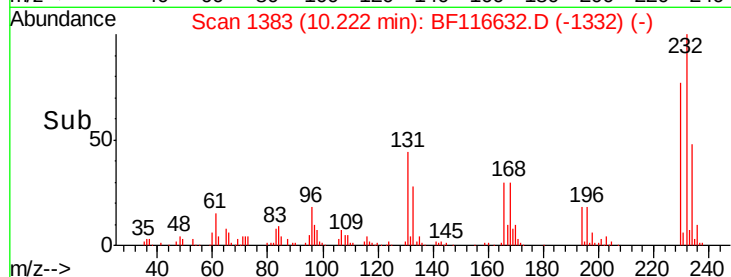
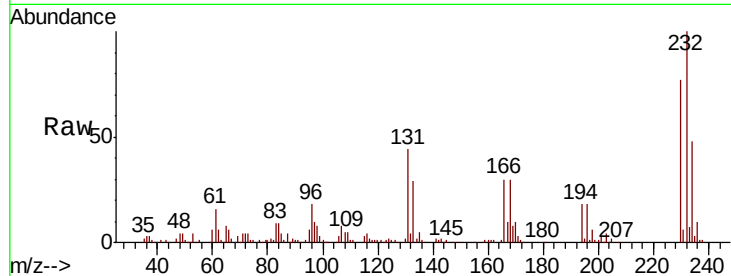
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.624 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		146358		
131	49.4	37.7	56.5		
130	2.5	1.8	2.6		
166	32.6	25.5	38.3		

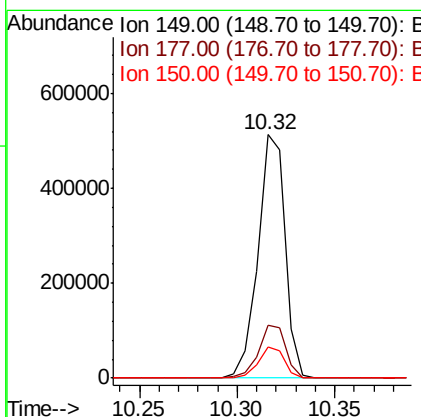
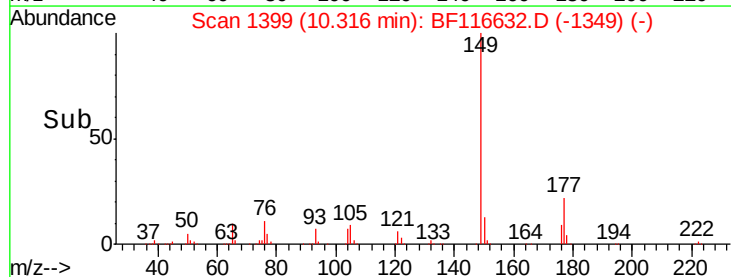
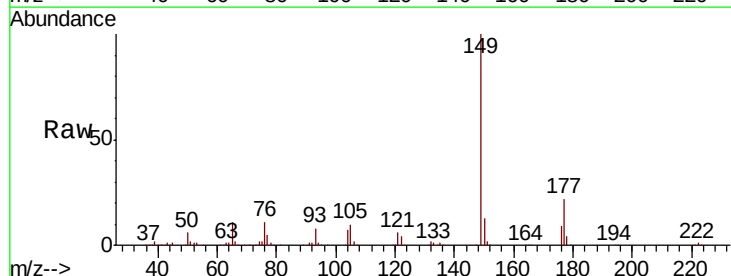
Manual Integrations
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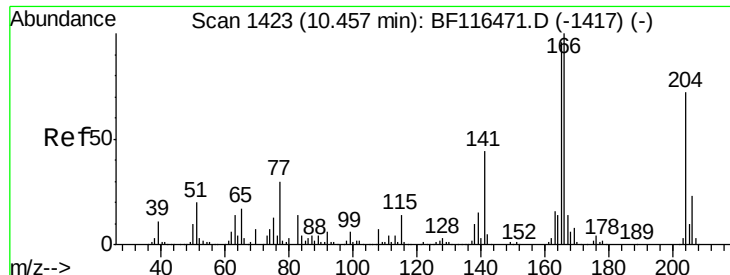
Jagrut
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#60
 Diethylphthalate
 Concen: 44.919 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		495101		
177	21.5	18.2	27.4		
150	12.8	10.1	15.1		





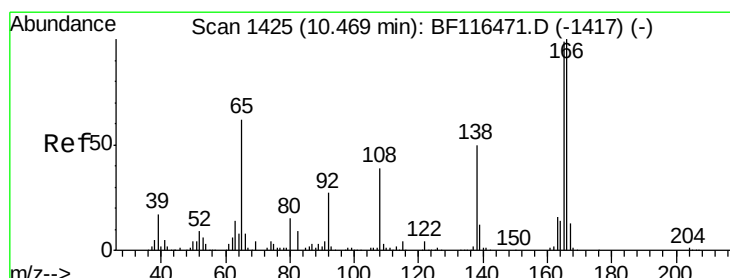
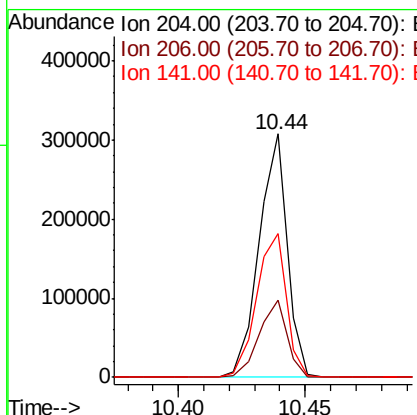
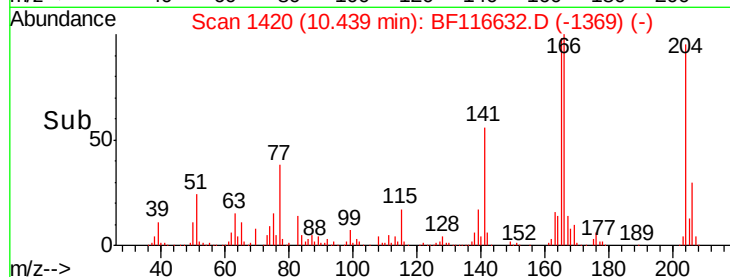
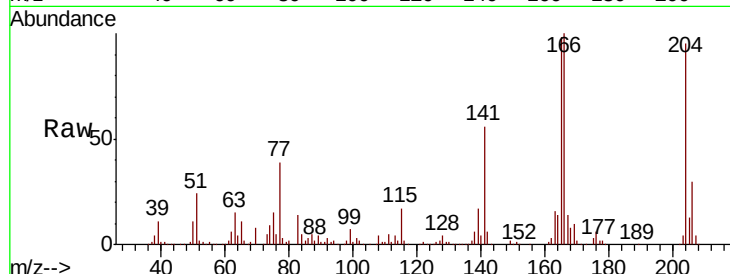
#61
 4-Chlorophenyl-phenylether
 Concen: 47.337 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion:	204	Resp:	239744
Ion Ratio	Lower	Upper	
204	100		
206	31.6	26.0	39.0
141	59.3	47.9	71.9

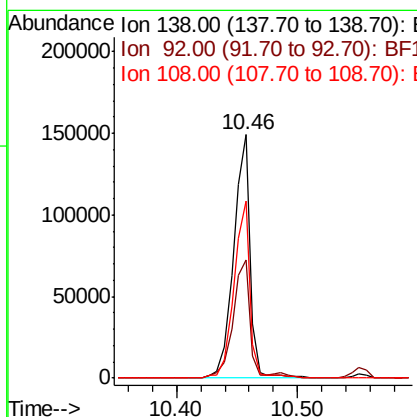
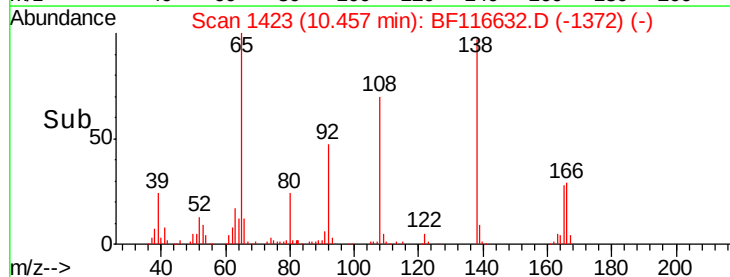
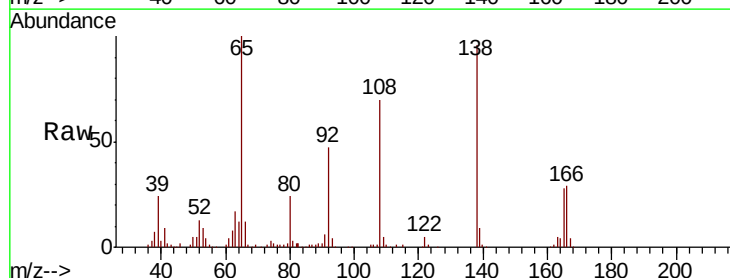
Manual Integrations
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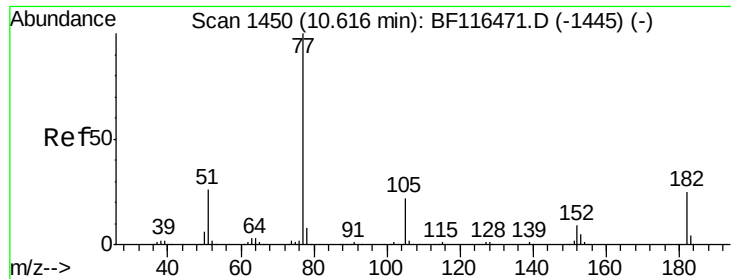
Jagrut
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#62
 4-Nitroaniline
 Concen: 49.307 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion:	138	Resp:	142630
Ion Ratio	Lower	Upper	
138	100		
92	48.6	28.9	68.9
108	72.8	49.3	89.3





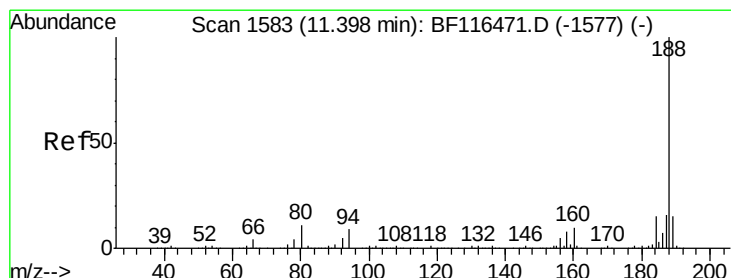
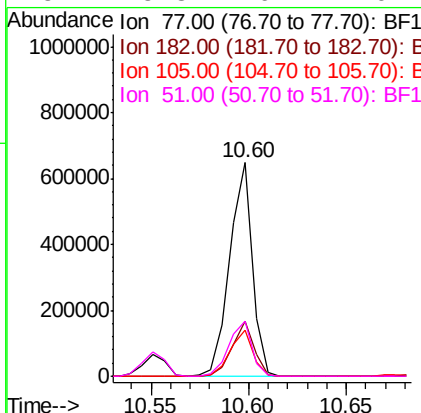
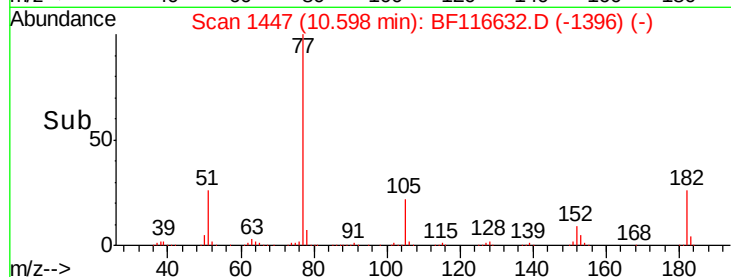
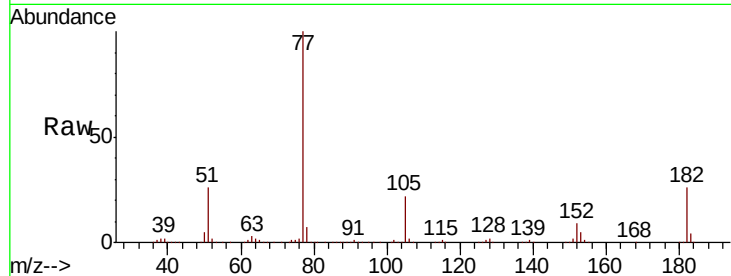
#63
Azobenzene
Concen: 46.904 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.0	3.8	43.8		
105	21.7	1.6	41.6		
51	25.8	6.1	46.1		

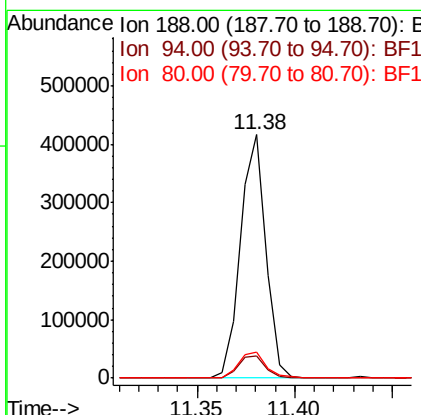
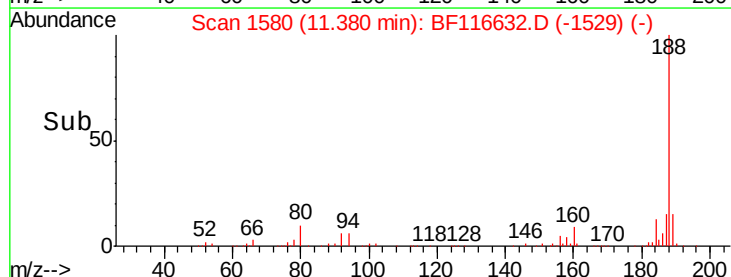
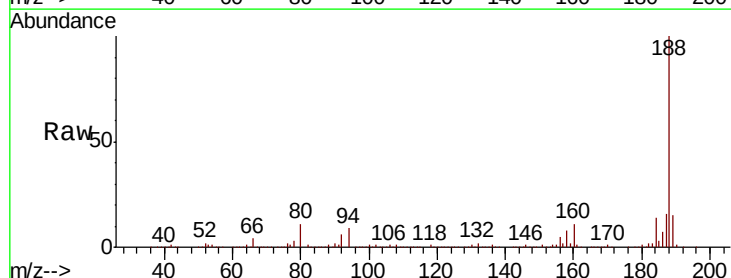
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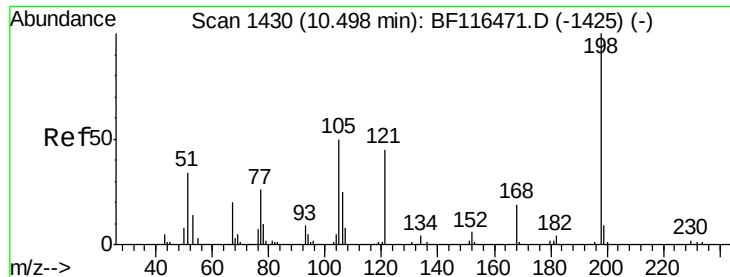
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.1	8.2	12.4		
80	10.5	8.9	13.3		





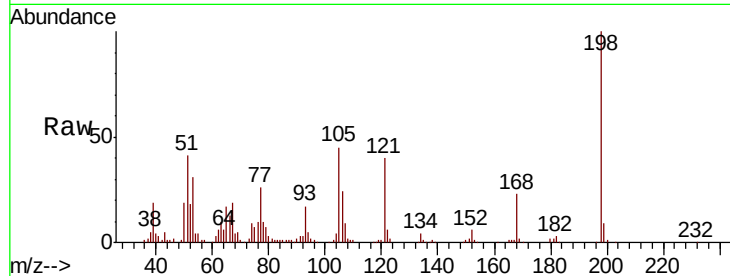
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.569 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

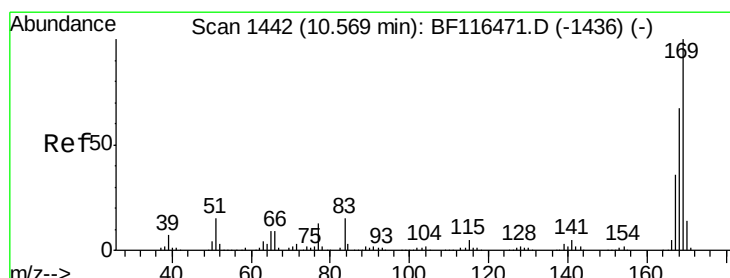
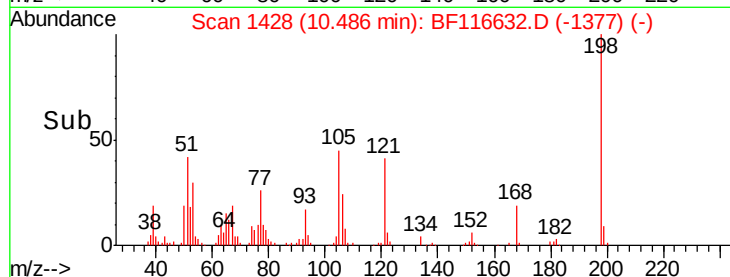
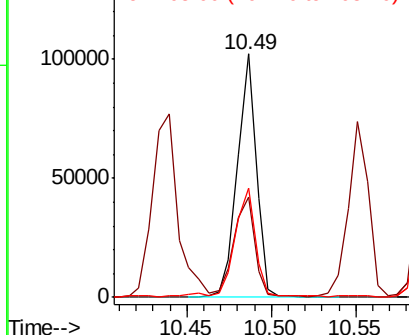
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.1	21.9	61.9
105	45.1	25.2	65.2

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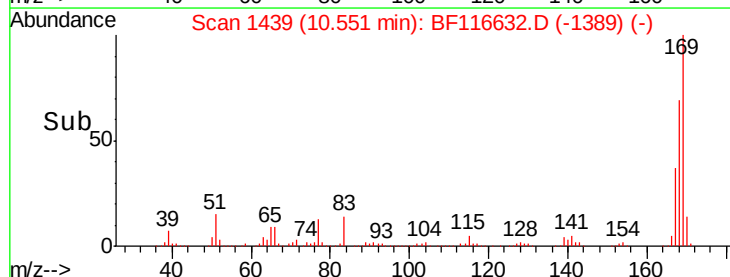
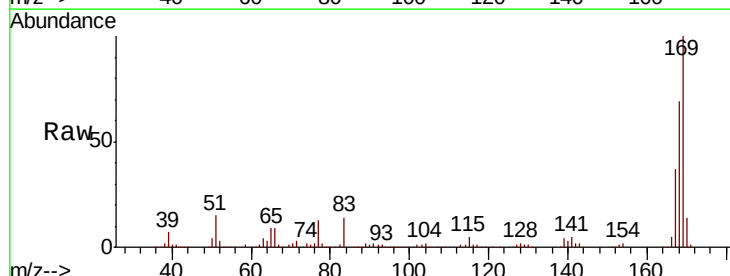
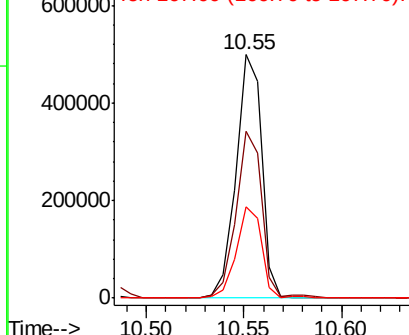
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

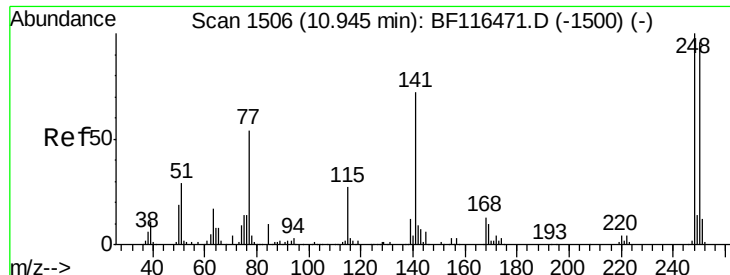


#66
 n-Nitrosodiphenylamine
 Concen: 38.587 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.8	80.8
167	37.4	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





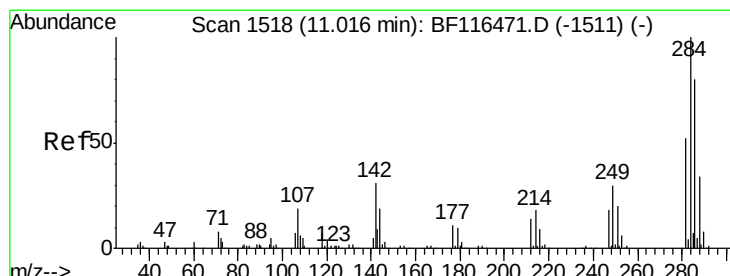
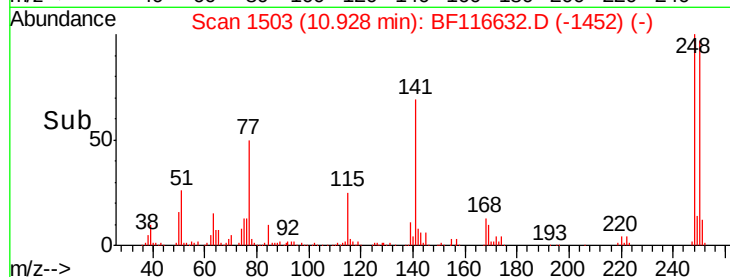
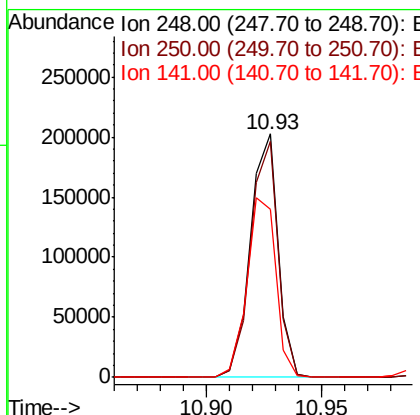
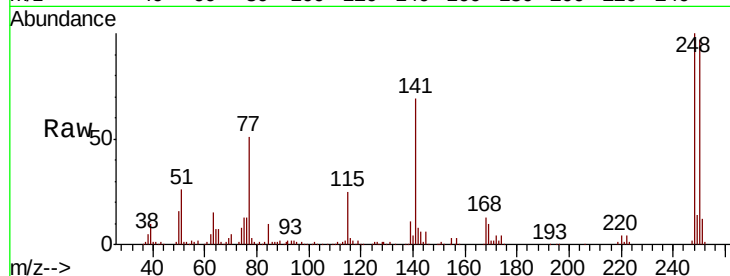
#67
 4-Bromophenyl-phenylether
 Concen: 43.115 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.6	115.0
141	68.9	60.8	91.2

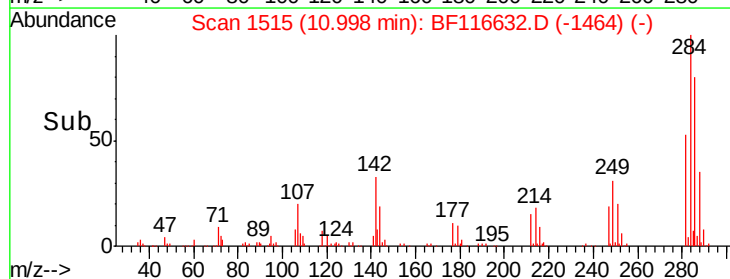
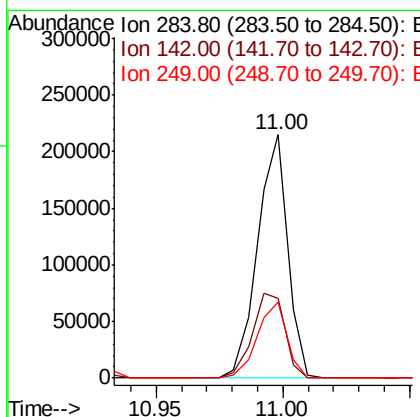
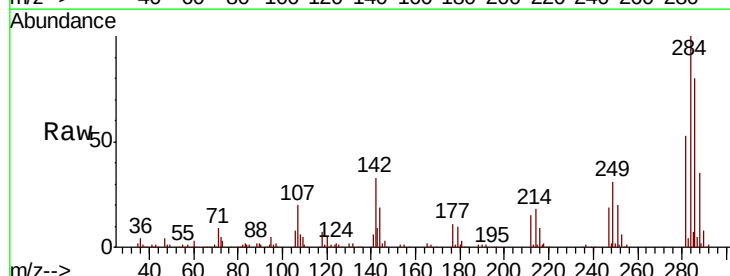
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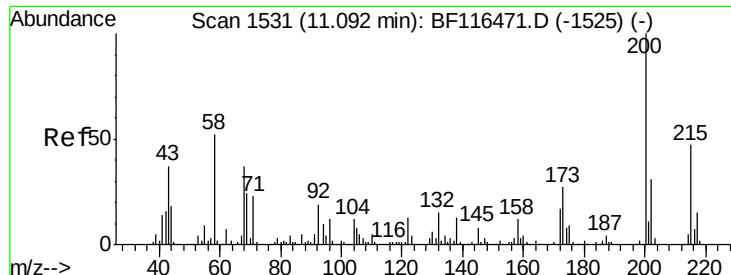
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#68
 Hexachlorobenzene
 Concen: 40.509 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	27.8	41.8
249	31.2	24.2	36.4





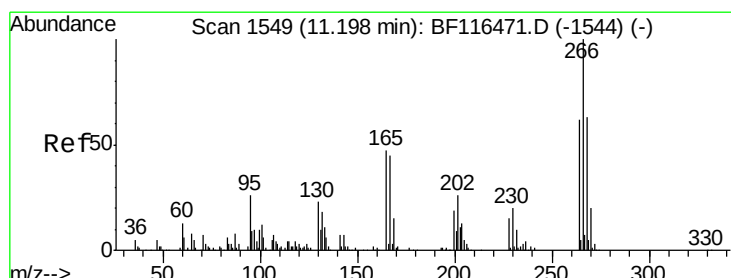
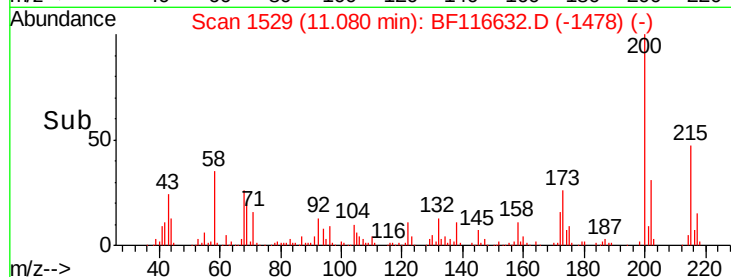
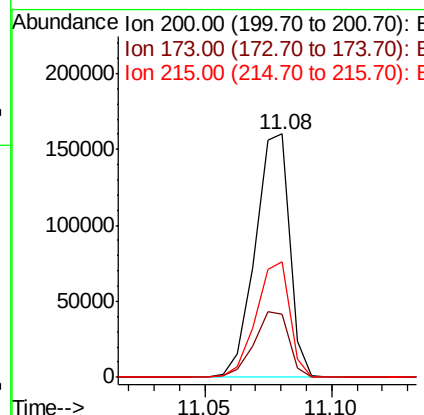
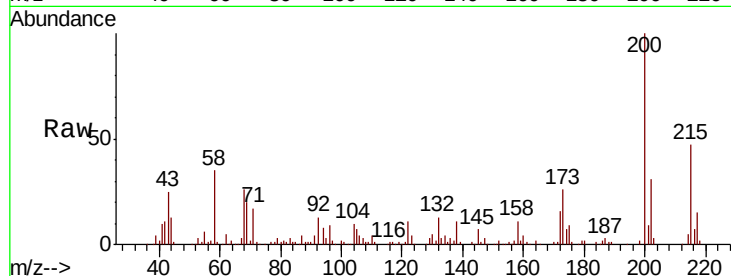
#69
Atrazine
Concen: 43.424 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	6.8	46.8
215	47.4	28.5	68.5

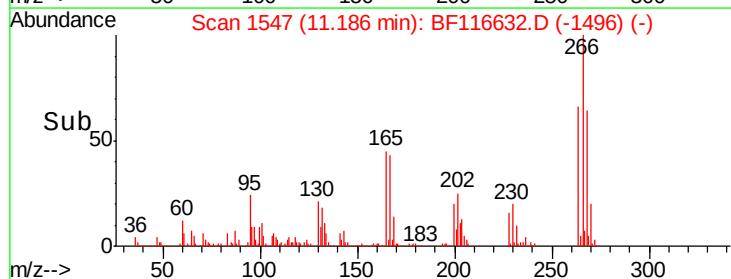
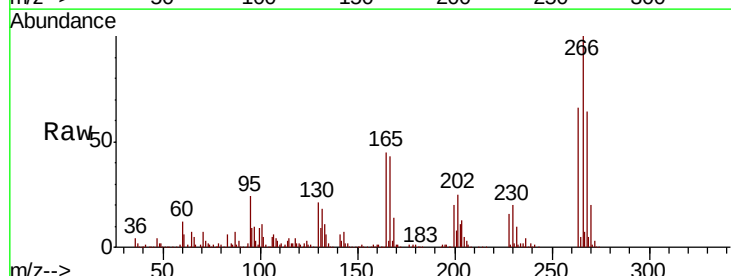
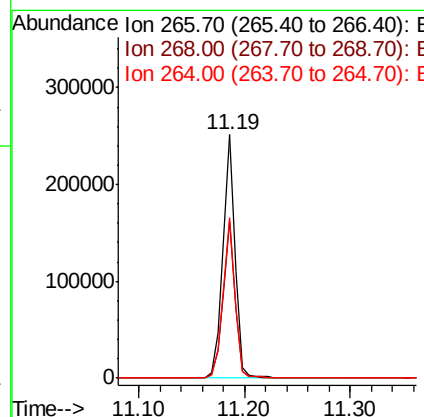
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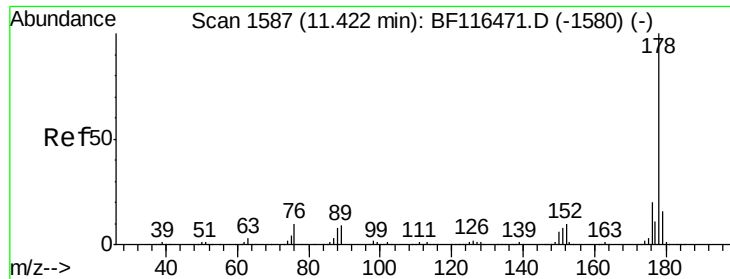
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#70
Pentachlorophenol
Concen: 78.349 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	49.8	74.8
264	65.9	49.9	74.9





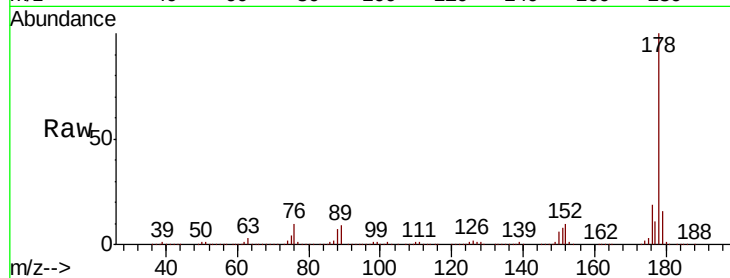
#71
Phenanthrene
Concen: 46.668 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.6	12.4	18.6

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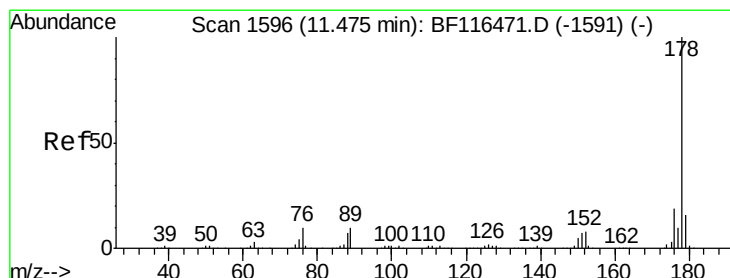
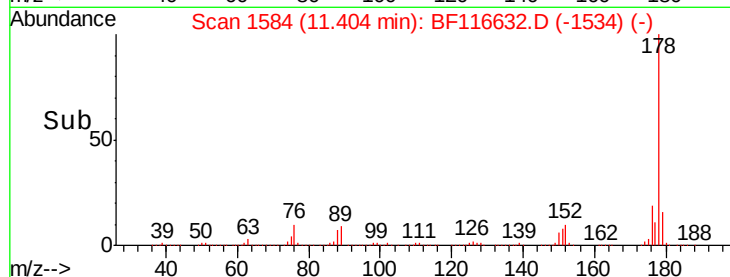
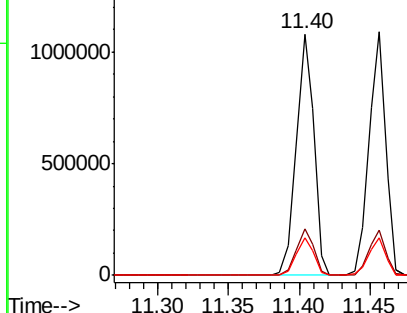


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 44.785 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

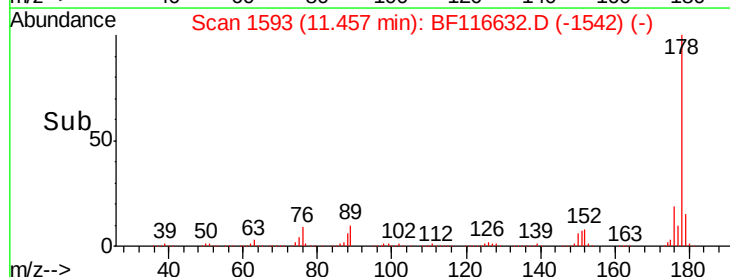
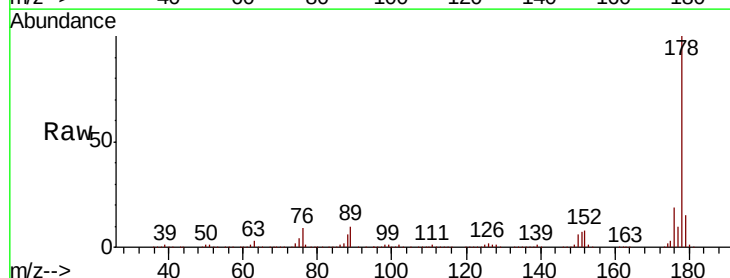
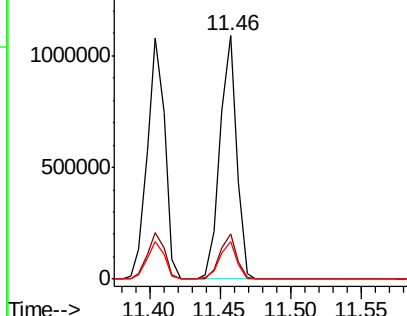
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.4	12.7	19.1

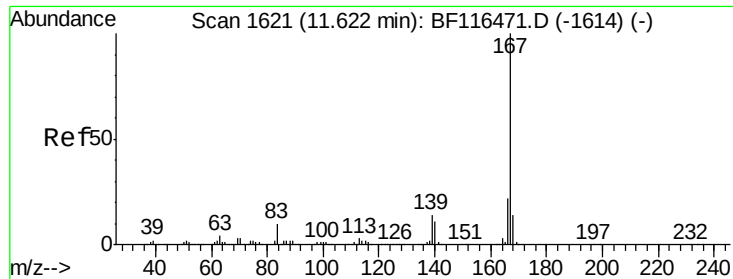
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





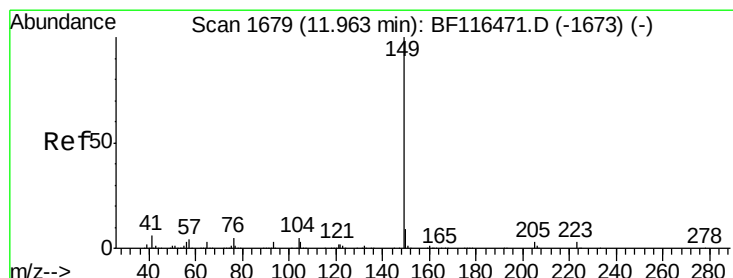
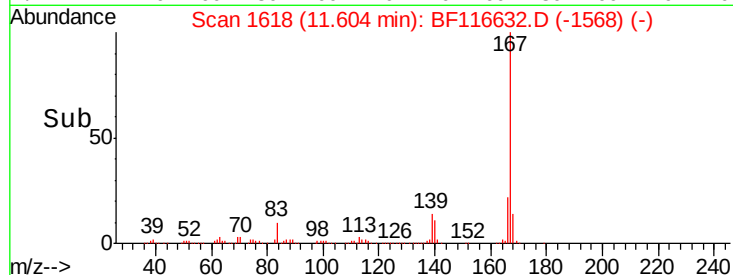
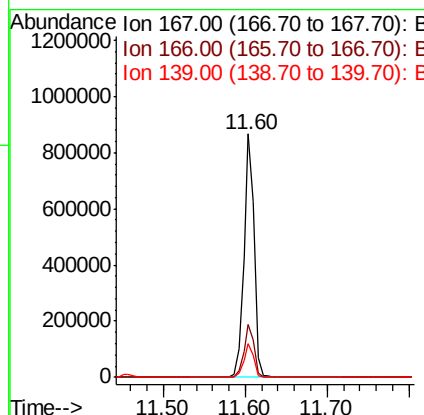
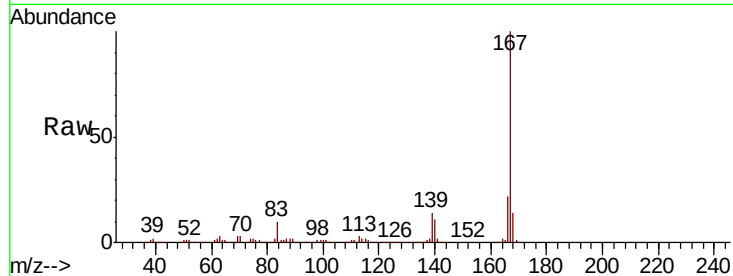
#73
 Carbazole
 Concen: 44.072 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion:	167	Resp:	751709
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.9	26.9
139	13.6	10.3	15.5

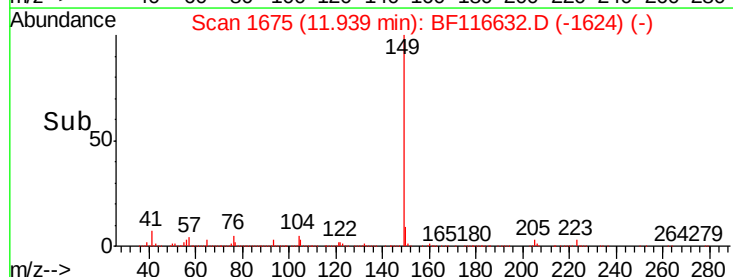
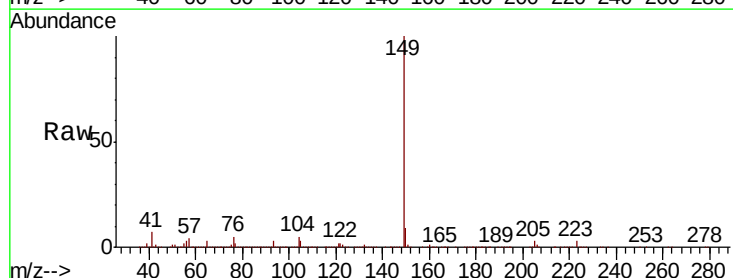
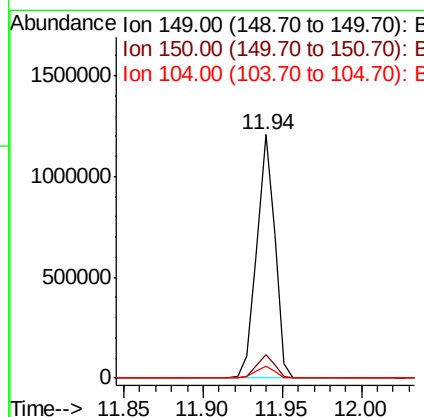
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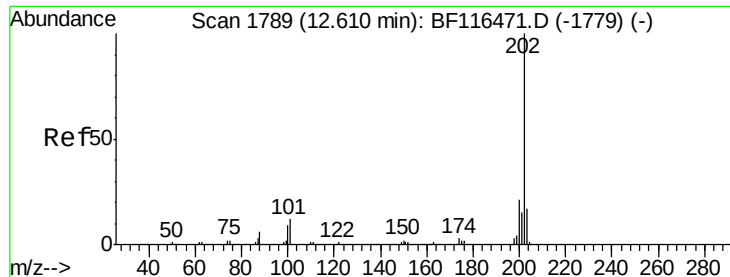
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#74
 Di-n-butylphthalate
 Concen: 48.396 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion:	149	Resp:	956591
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 49.858 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

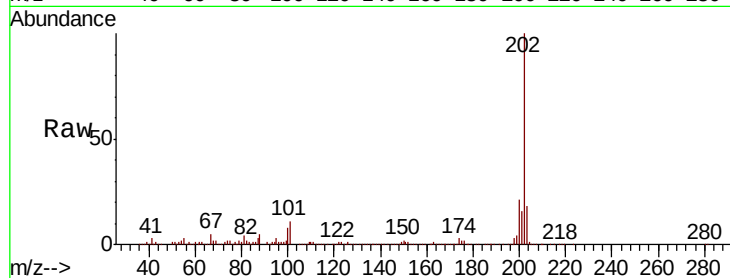
ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		896202		
101	10.8	0.0	31.8		
203	17.5	0.0	37.1		

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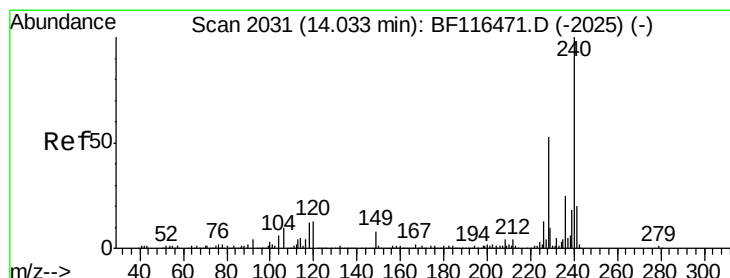
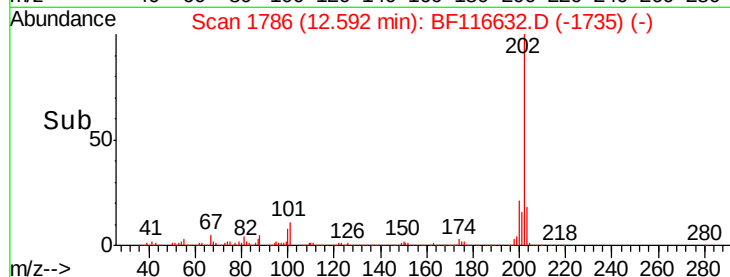
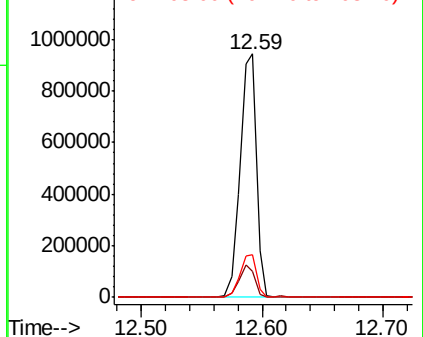


Abundance

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

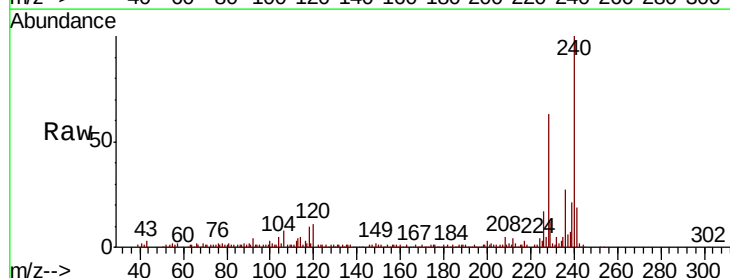
RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		97084		
120	11.2	11.3	16.9#		
236	27.3	21.4	32.2		

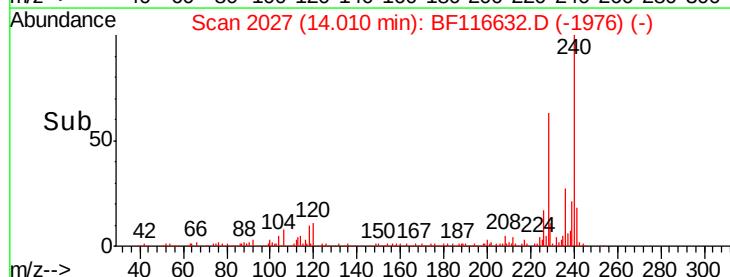
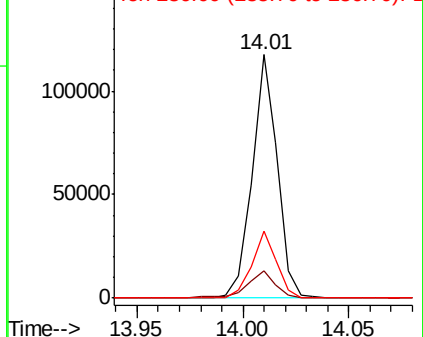


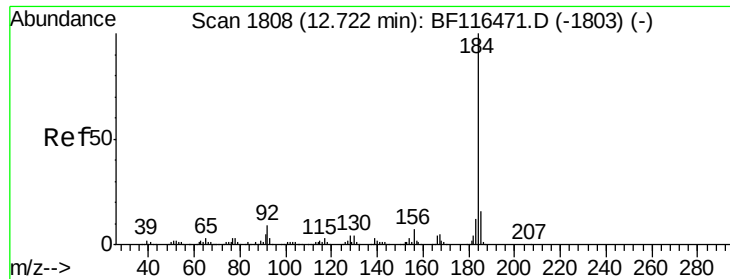
Abundance

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: 3.474 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

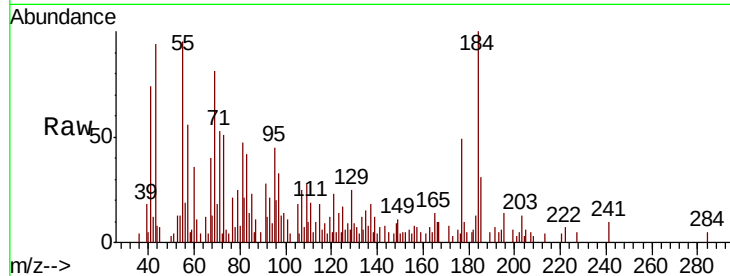
ClientSampleId :

S702A-N-0.0-0.5-082719MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	30.6	11.5	17.3
183	13.1	9.3	13.9

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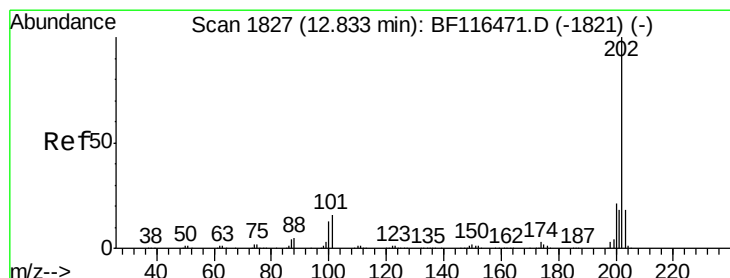
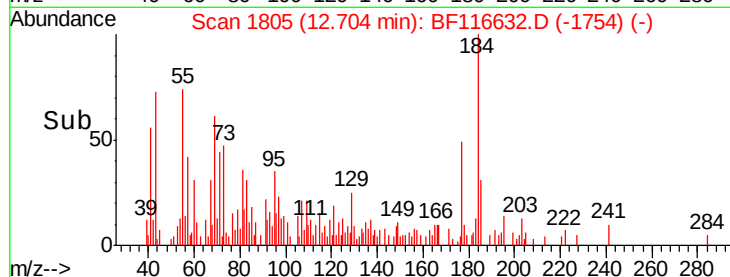
Abundance

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

Time-->



#78

Pyrene

Concen: 96.716 ng

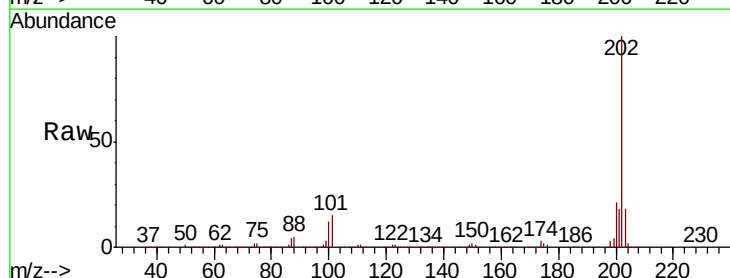
RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.0
203	17.7	14.2	21.4



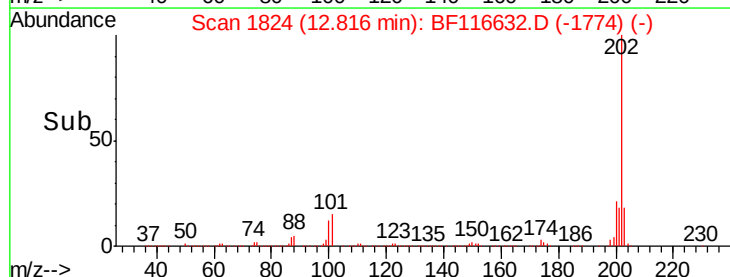
Abundance

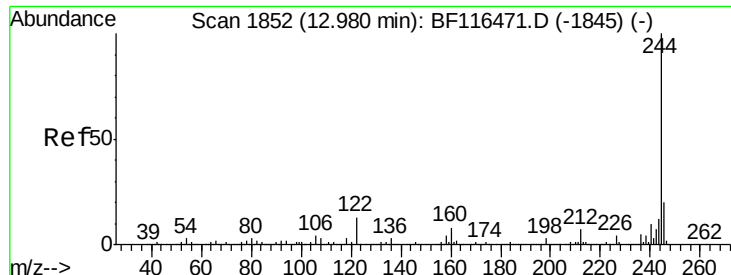
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





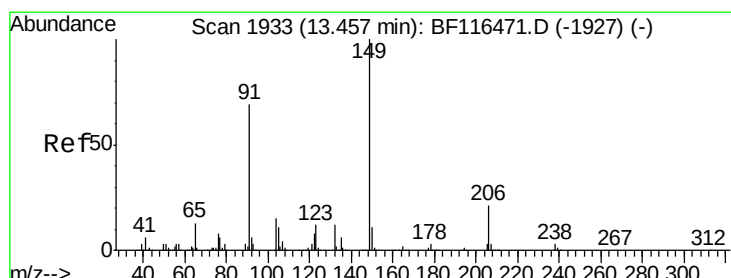
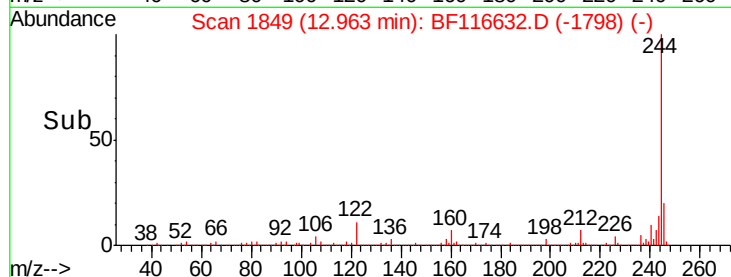
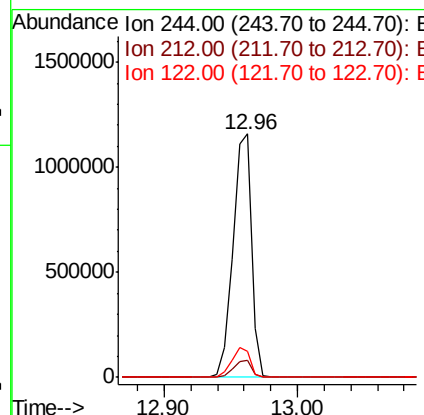
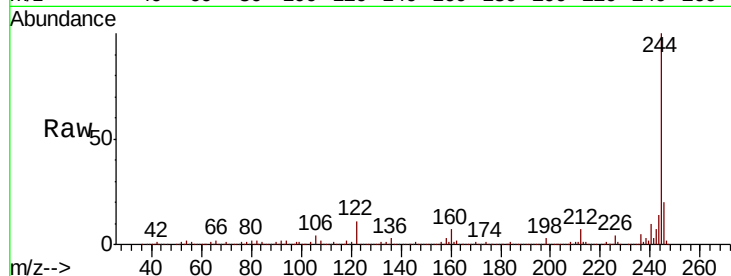
#79
 Terphenyl-d14
 Concen: 191.409 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.7	10.0	15.0

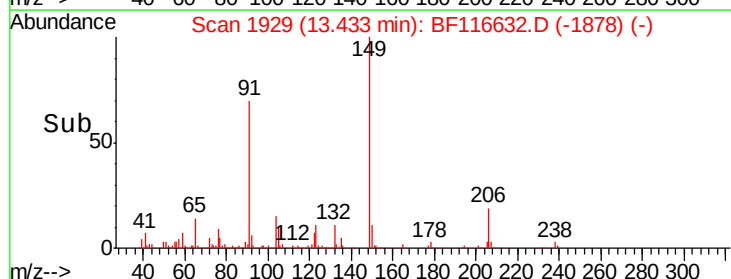
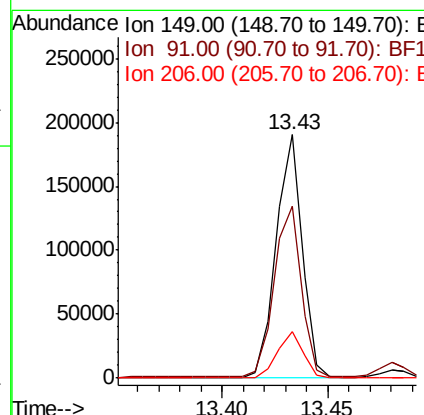
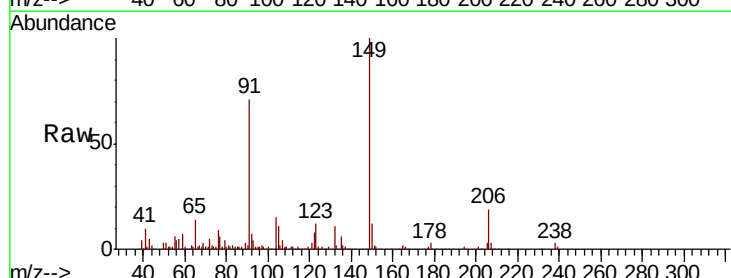
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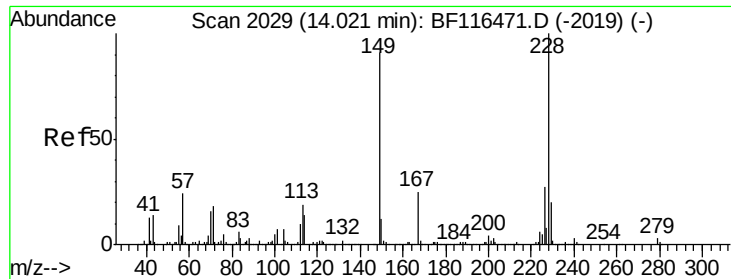
Jagrut
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#80
 Butylbenzylphthalate
 Concen: 47.031 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.9	86.9
206	19.2	16.2	24.4





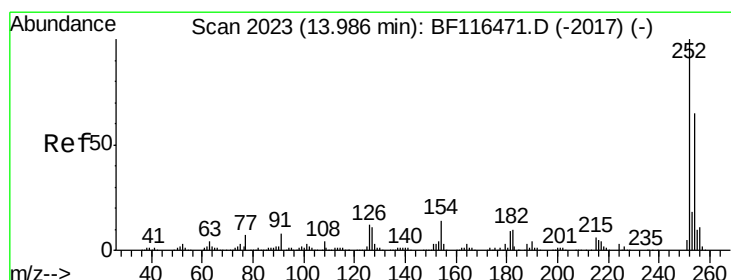
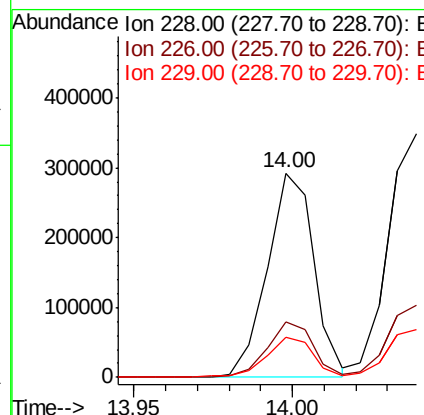
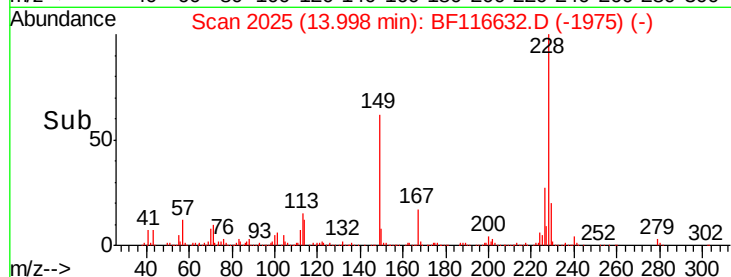
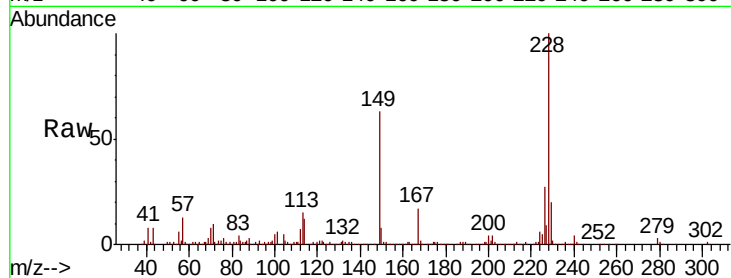
#81
Benzo(a)anthracene
Concen: 46.188 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.7	15.4	23.0

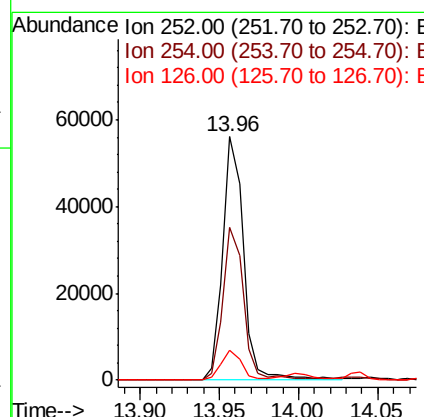
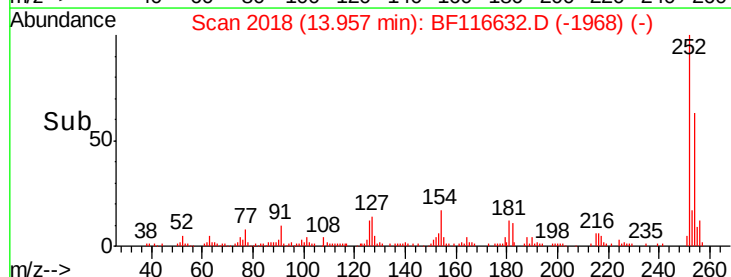
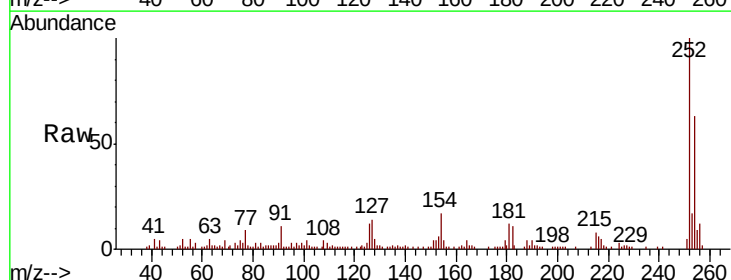
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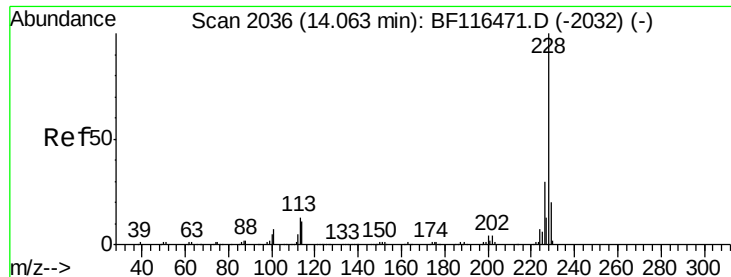
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#82
3,3'-Dichlorobenzidine
Concen: 24.550 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.9	77.9
126	12.0	8.7	13.1





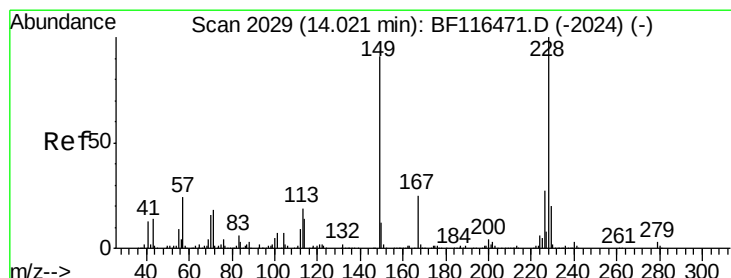
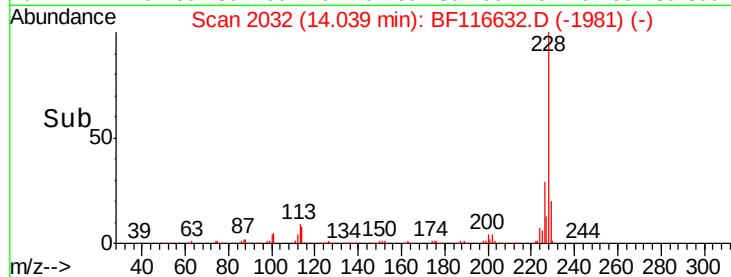
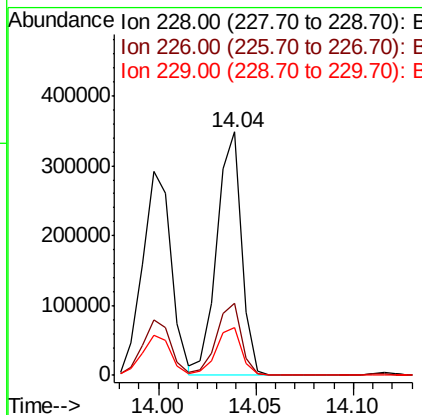
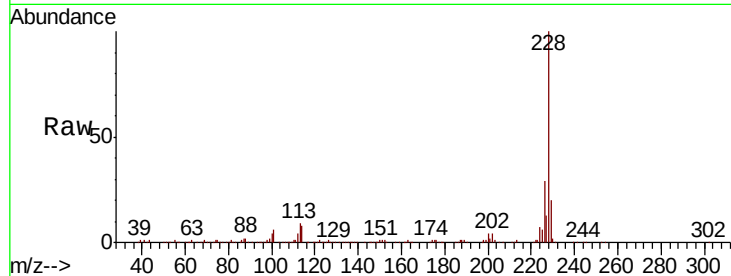
#83
 Chrvsene
 Concen: 48.203 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Resp	Lower	Upper
228	100	305438		
226	29.4	24.0	36.0	
229	19.9	15.8	23.8	

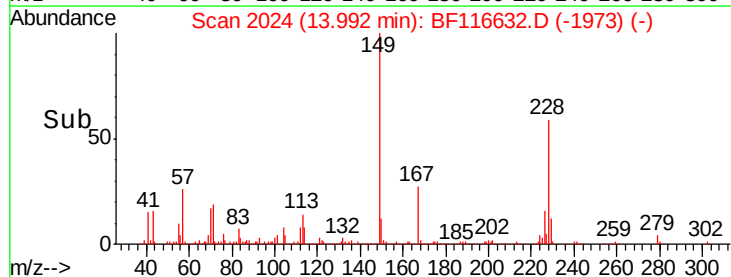
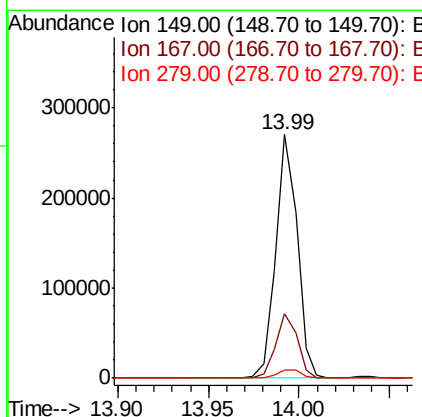
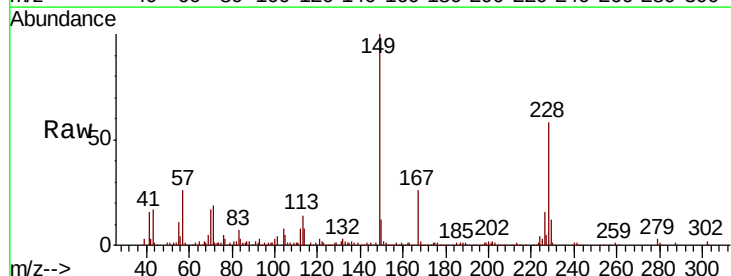
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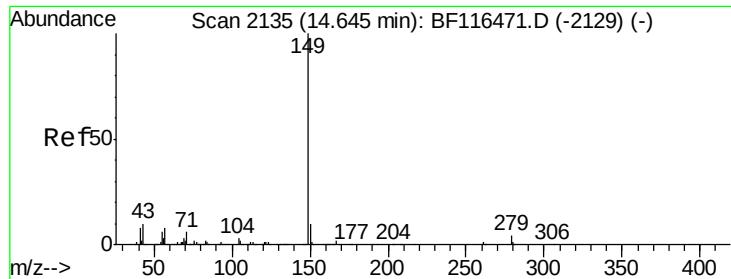
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.286 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	220193		
167	26.3	21.2	31.8	
279	3.5	2.7	4.1	





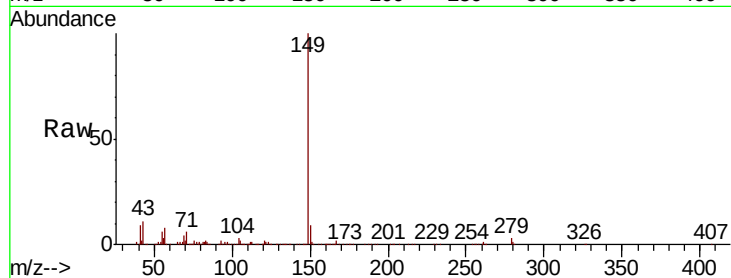
#85
Di-n-octyl phthalate
Concen: 56.829 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

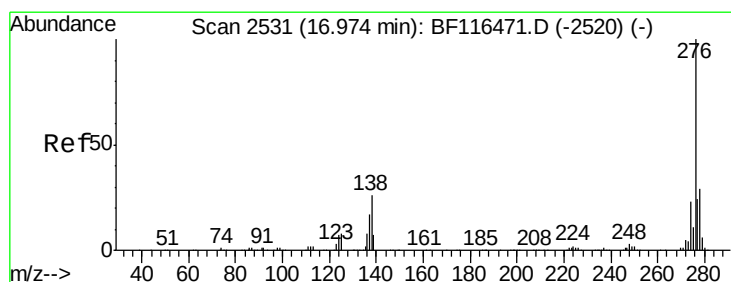
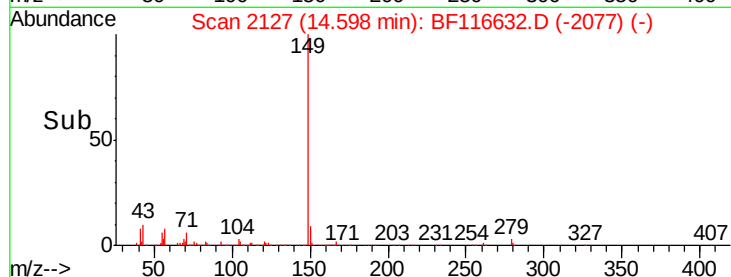
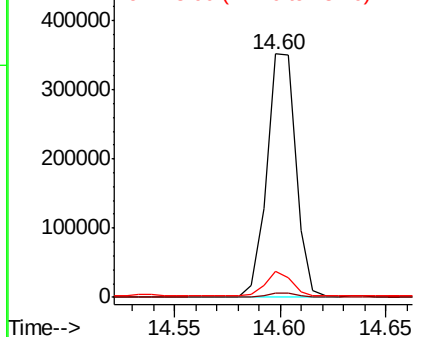
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.0	7.4	11.0

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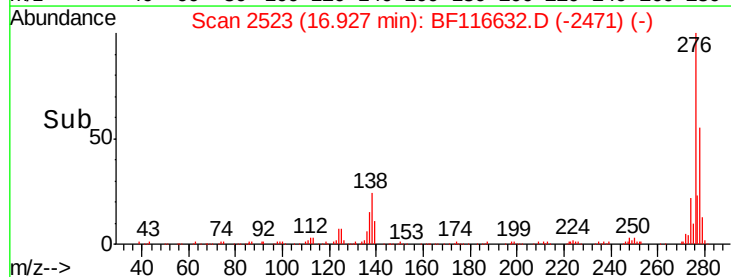
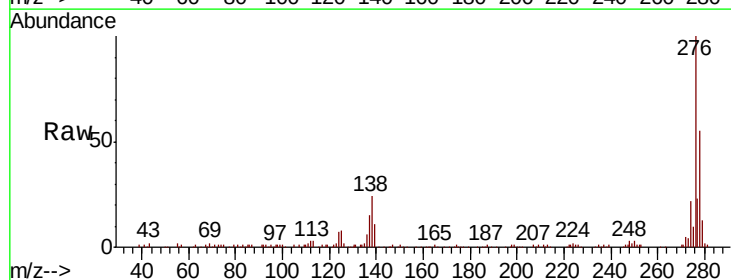
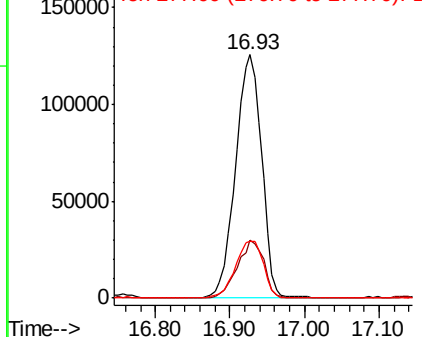
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

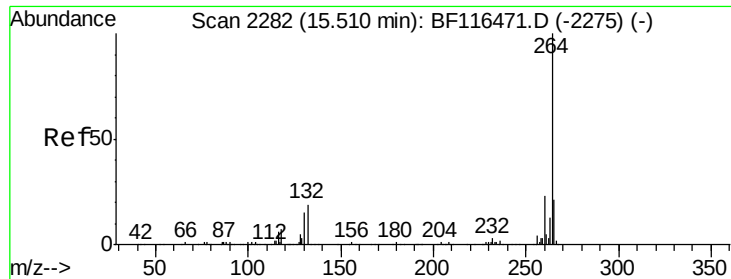


#86
Indeno(1,2,3-cd)pyrene
Concen: 53.377 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.2	21.5	32.3
277	25.3	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





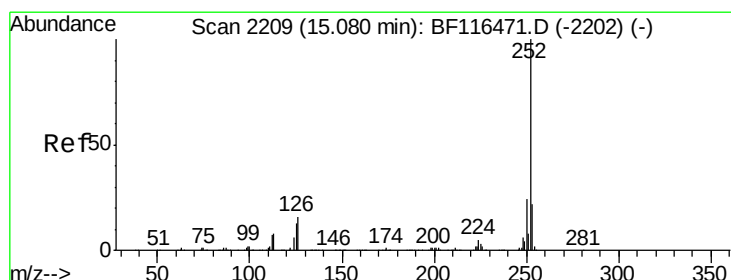
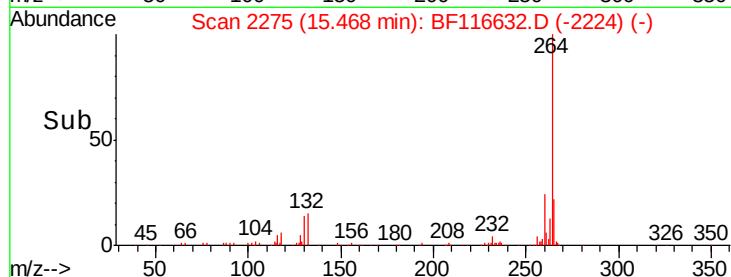
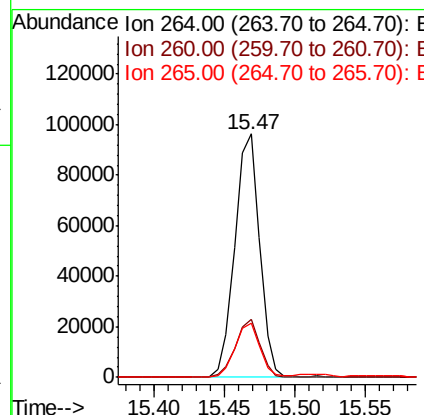
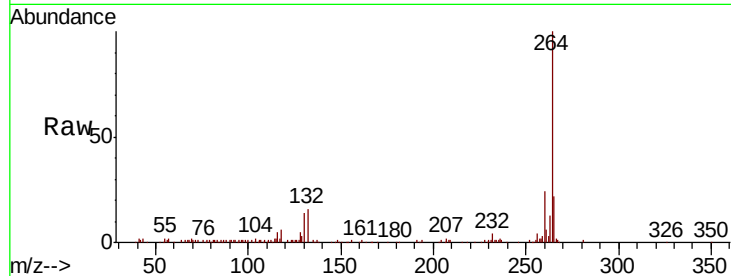
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.3	17.6	26.4

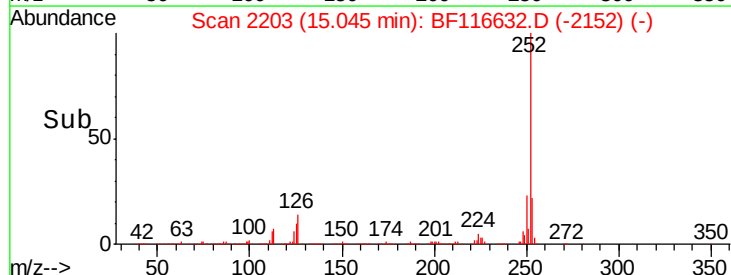
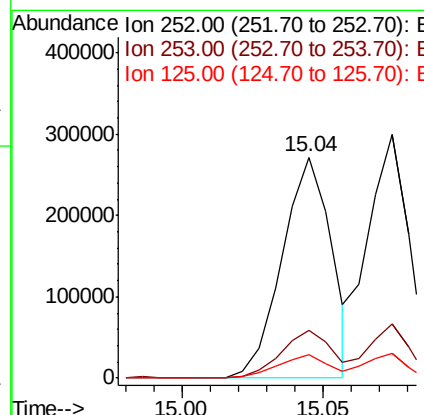
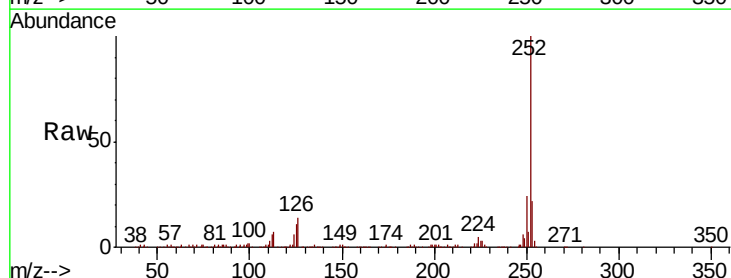
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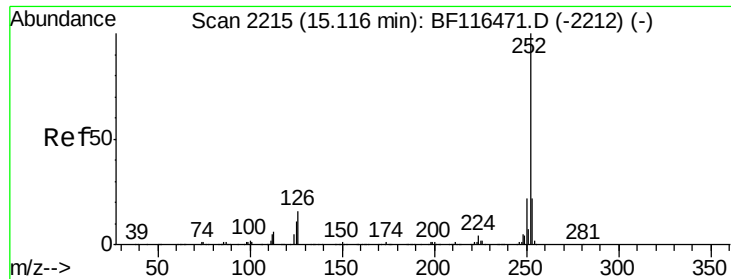
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#88
Benzo(b)fluoranthene
Concen: 45.437 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	10.6	9.0	13.6





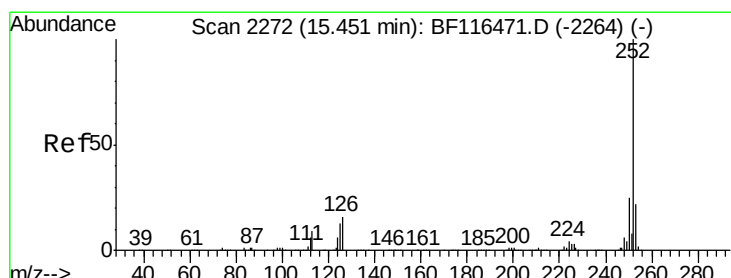
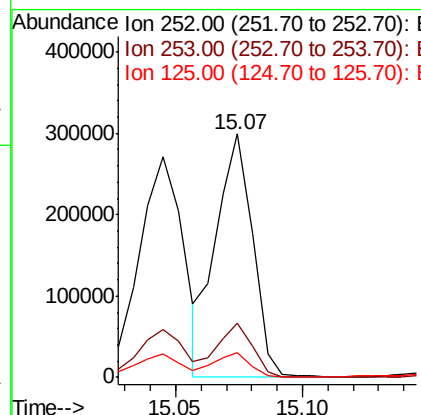
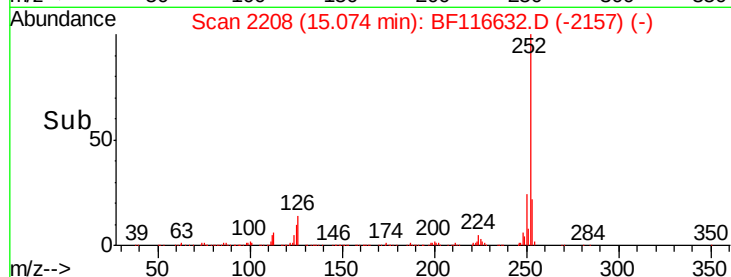
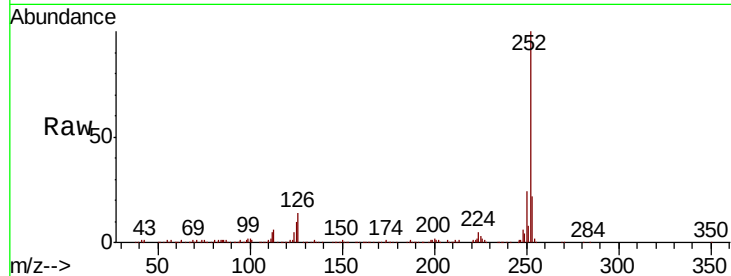
#89
Benzo(k)fluoranthene
Concen: 43.336 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.3	8.6	13.0

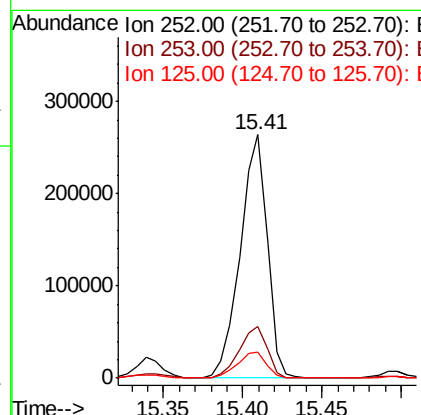
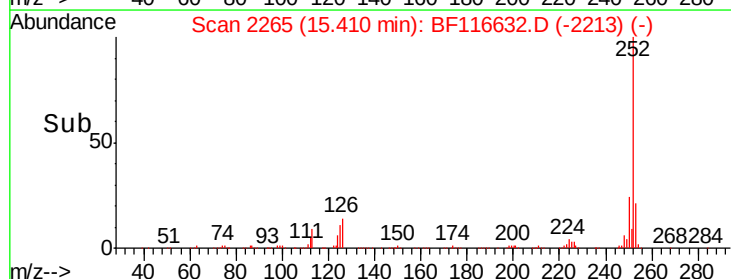
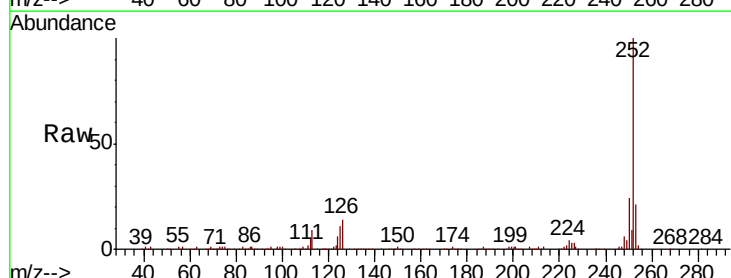
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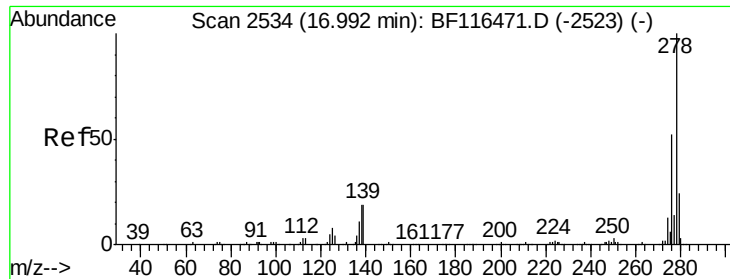
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#90
Benzo(a)pyrene
Concen: 47.925 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	10.9	10.6	16.0





#91

Dibenzo(a,h)anthracene

Concen: 40.120 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

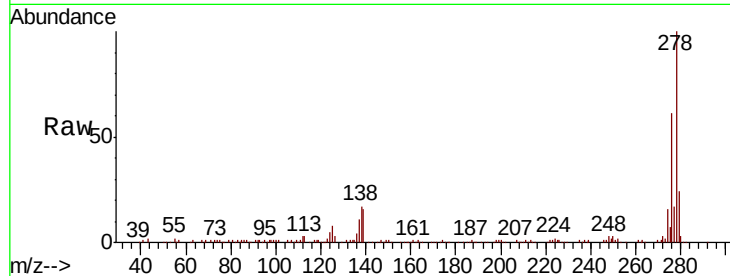
ClientSampleId :

S702A-N-0.0-0.5-082719MS

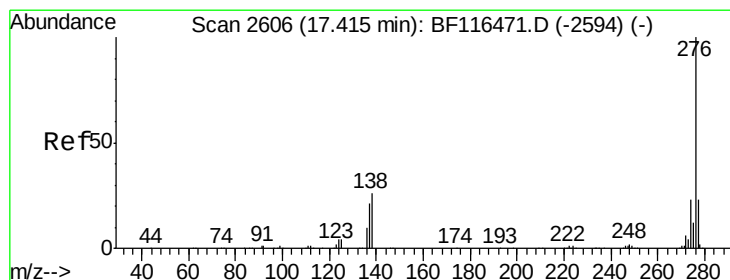
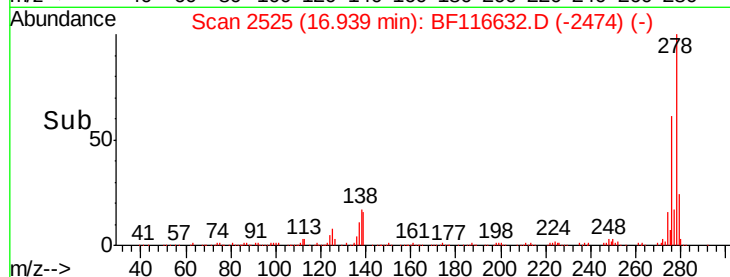
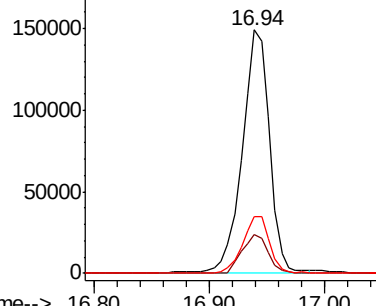
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.1	21.1
279	23.5	19.5	29.3

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: 35.900 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	20.7	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

