

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112620.D
 Acq On : 19 Feb 2019 14:50
 Operator : JU/SJ
 Sample : K1515-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

Manual Integrations
 APPROVED

Sohil
 2/20/2019 11:12:45 AM

Quant Time: Feb 19 16:40:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	106953	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	415788	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	205996	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	384314	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	271299	20.00	ng	-0.01
87) Perylene-d12	15.47	264	262275	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	819858	162.82	ng	-0.02
7) Phenol-d6	6.49	99	1010775	144.46	ng	0.00
23) Nitrobenzene-d5	7.39	82	668130	92.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	322835	134.64	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1302311	89.41	ng	-0.02
79) Terphenyl-d14	12.93	244	1240107	86.09	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	96524	48.121	ng	95
3) Pyridine	3.36	79	262208	51.389	ng	97
4) n-Nitrosodimethylamine	3.32	42	138990	64.837	ng	84
6) Aniline	6.49	93	386533	46.440	ng	# 54
8) 2-Chlorophenol	6.62	128	336004	49.604	ng	99
9) Benzaldehyde	6.37	77	139403	38.119	ng	99
10) Phenol	6.50	94	405579	52.835	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	293086	48.497	ng	96
12) 1,3-Dichlorobenzene	6.76	146	367362	46.568	ng	97
13) 1,4-Dichlorobenzene	6.84	146	380582	46.876	ng	96
14) 1,2-Dichlorobenzene	6.99	146	352597	46.386	ng	94
15) Benzyl Alcohol	6.97	79	281617	47.747	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	361588	46.599	ng	# 24
17) 2-Methylphenol	7.09	107	259830	48.388	ng	# 86
18) Hexachloroethane	7.33	117	139831	49.047	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	234366	48.577	ng	98
20) 3+4-Methylphenols	7.25	107	344533	50.175	ng	# 65
22) Acetophenone	7.24	105	470329	46.455	ng	# 94
24) Nitrobenzene	7.41	77	344317	47.777	ng	99
25) Isophorone	7.65	82	623706	55.095	ng	99
26) 2-Nitrophenol	7.73	139	188073	48.833	ng	# 90
27) 2,4-Dimethylphenol	7.77	122	288366	54.344	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	387398	50.258	ng	99
29) 2,4-Dichlorophenol	7.98	162	288133	48.522	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	323089	47.334	ng	99
31) Naphthalene	8.13	128	985261	50.672	ng	99
32) Benzoic acid	7.93	122	118538	39.163	ng	98
33) 4-Chloroaniline	8.18	127	253378	29.927	ng	97
34) Hexachlorobutadiene	8.24	225	188085	46.957	ng	98
35) Caprolactam	8.57	113	87608m	41.821	ng	
36) 4-Chloro-3-methylphenol	8.69	107	297860	47.383	ng	95
37) 2-Methylnaphthalene	8.82	142	703186	52.827	ng	97
38) 1-Methylnaphthalene	8.92	142	653876	51.251	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	318619	47.108	ng	98

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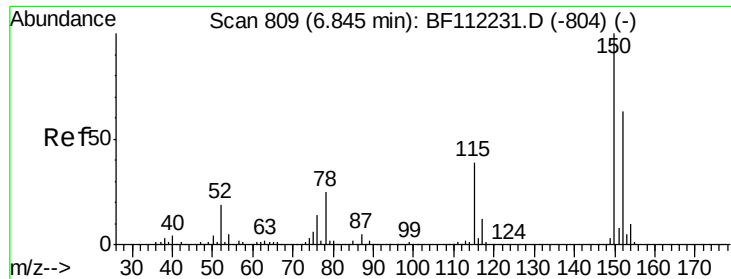
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	178136	70.742	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	194096	46.555	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	195391	44.842	nq	95
46) 1,1'-Biphenyl	9.29	154	849505	47.171	nq	97
47) 2-Chloronaphthalene	9.31	162	650273	46.563	nq	94
48) 2-Nitroaniline	9.42	65	175946	46.224	nq	90
49) Acenaphthylene	9.73	152	1013276	49.503	nq	99
50) Dimethylphthalate	9.58	163	839669	52.463	nq	100
51) 2,6-Dinitrotoluene	9.66	165	169412	47.263	nq #	79
52) Acenaphthene	9.90	154	594862	48.649	nq	98
53) 3-Nitroaniline	9.83	138	115155	29.654	nq	85
54) 2,4-Dinitrophenol	9.96	184	117884	102.476	nq	87
55) Dibenzofuran	10.07	168	878567	47.018	nq #	91
56) 4-Nitrophenol	10.02	139	118333	57.637	nq	86
57) 2,4-Dinitrotoluene	10.07	165	223058	48.881	nq #	80
58) Fluorene	10.42	166	723560	51.745	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	176050	53.465	nq	97
60) Diethylphthalate	10.28	149	818076	51.506	nq	97
61) 4-Chlorophenyl-phenylether	10.40	204	358111	47.080	nq #	89
62) 4-Nitroaniline	10.45	138	150782	39.586	nq	92
63) Azobenzene	10.56	77	696050	49.829	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	93149	43.230	nq	95
66) n-Nitrosodiphenylamine	10.52	169	620264	47.888	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	217435	48.104	nq	91
68) Hexachlorobenzene	10.97	284	238331	49.145	nq	96
69) Atrazine	11.05	200	174427	41.735	nq	97
70) Pentachlorophenol	11.17	266	140150	74.272	nq	99
71) Phenanthrene	11.38	178	1000196	50.060	nq	99
72) Anthracene	11.43	178	1042082	52.359	nq	99
73) Carbazole	11.59	167	831438	42.351	nq	99
74) Di-n-butylphthalate	11.90	149	1253976	51.459	nq	98
75) Fluoranthene	12.57	202	970574	45.291	nq	99
77) Benzidine	12.69	184	517703	69.331	nq	96
78) Pyrene	12.80	202	956287	50.912	nq	99
80) Butylbenzylphthalate	13.40	149	472074	51.947	nq	95
81) Benzo(a)anthracene	13.99	228	813183	50.988	nq	97
82) 3,3'-Dichlorobenzidine	13.94	252	228403	38.267	nq	99
83) Chrysene	14.03	228	755242	49.610	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	721987	55.969	nq	97
85) Di-n-octyl phthalate	14.56	149	1129585	56.915	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	880201	72.968	nq	96
88) Benzo(b)fluoranthene	15.04	252	750586	47.853	nq	100
89) Benzo(k)fluoranthene	15.07	252	750807	49.973	nq	99
90) Benzo(a)pyrene	15.42	252	737702	52.269	nq	100
91) Dibenzo(a,h)anthracene	16.98	278	735460	64.658	nq	98
92) Benzo(g,h,i)perylene	17.43	276	713753	66.510	nq	97

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



#1

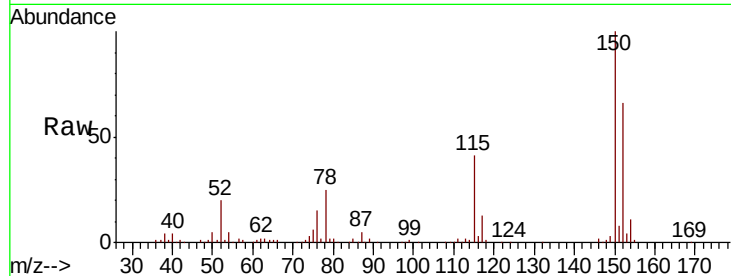
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.4	191.0
115	62.3	45.5	68.3

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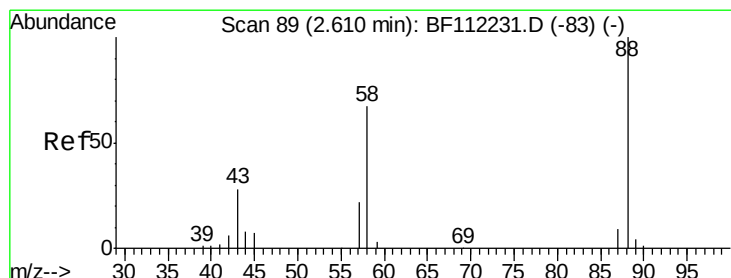
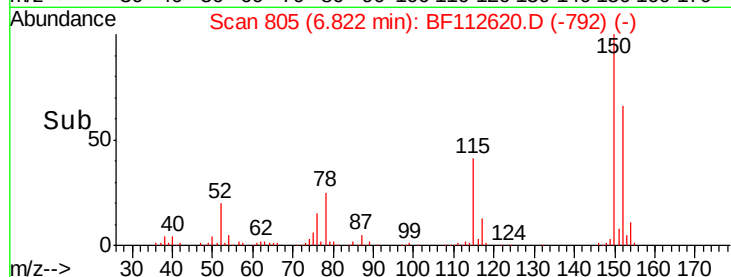
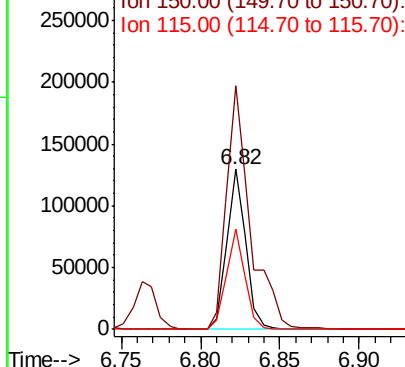


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

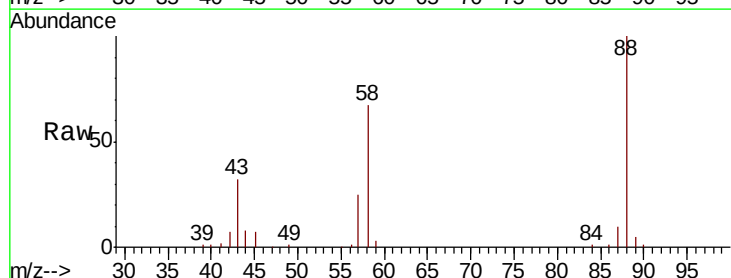
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.121 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	57.4	86.2
43	32.0	22.2	33.4

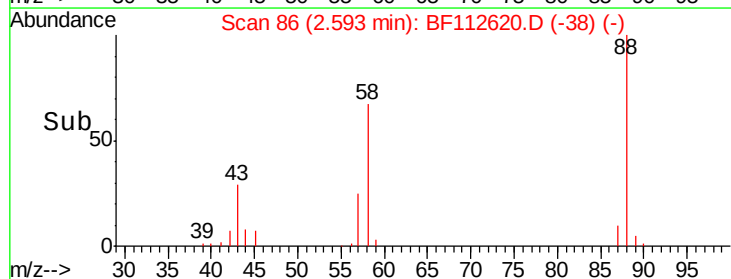
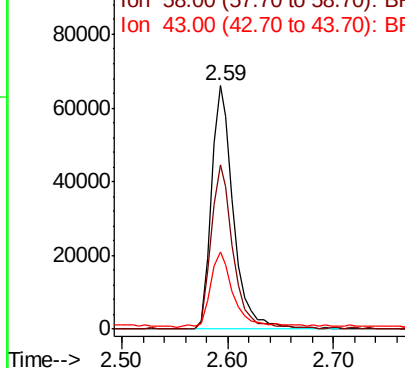


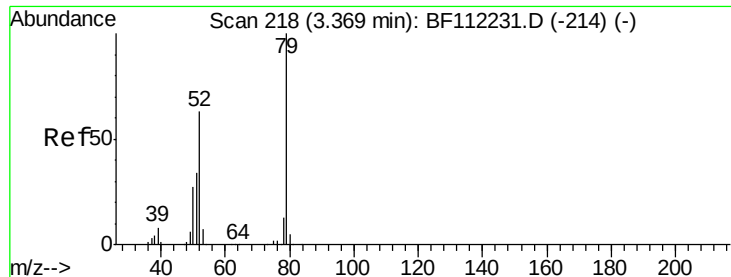
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 51.389 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

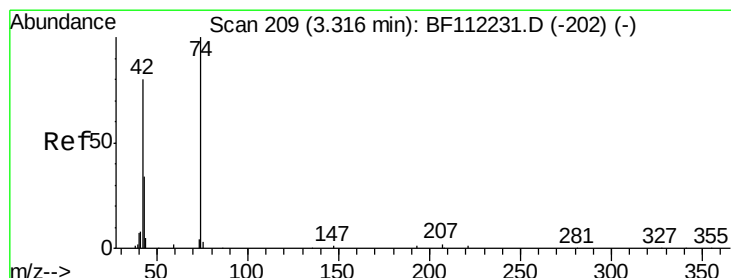
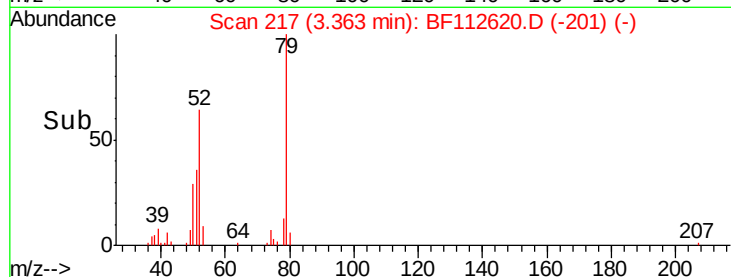
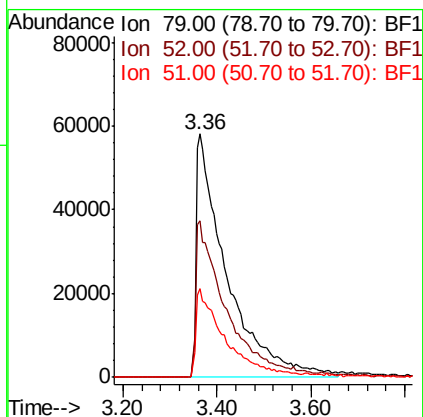
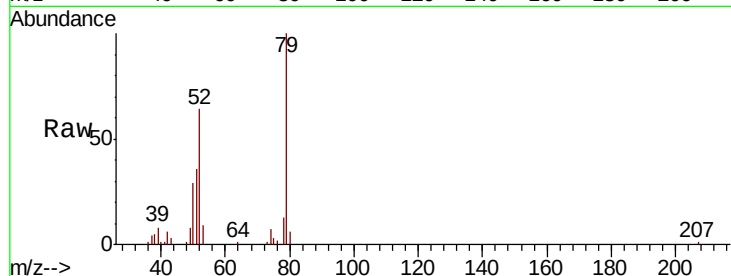
ClientSampleId :

TS-1MSD

Tot Ion:	79	Resp:	262208
Ion	Ratio	Lower	Upper
79	100		
52	64.3	52.4	78.6
51	36.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 64.837 ng

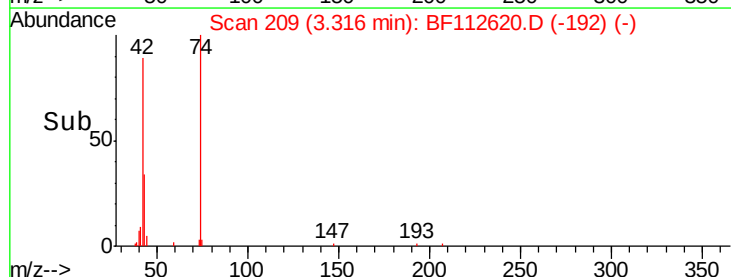
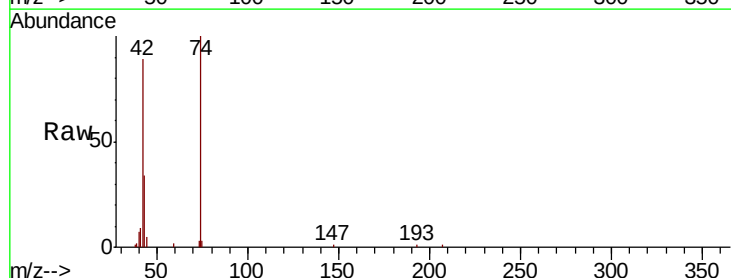
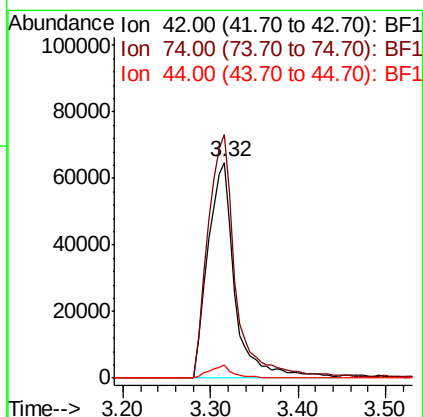
RT: 3.32 min Scan# 209

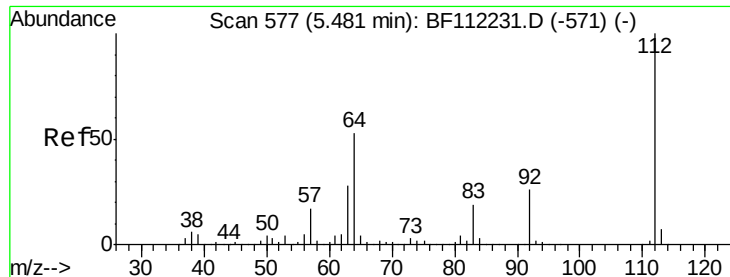
Delta R.T. 0.00 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	42	Resp:	138990
Ion	Ratio	Lower	Upper
42	100		
74	112.8	105.6	158.4
44	6.1	5.4	8.2





#5

2-Fluorophenol

Concen: 162.822 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

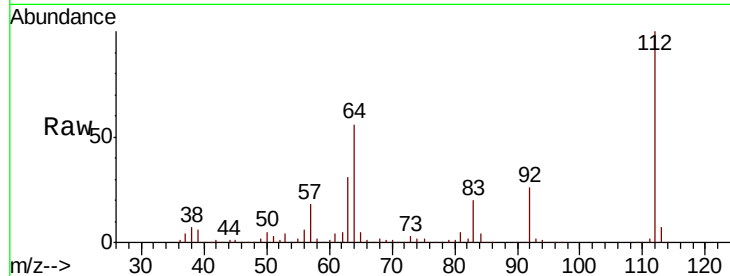
ClientSampled :

TS-1MSD

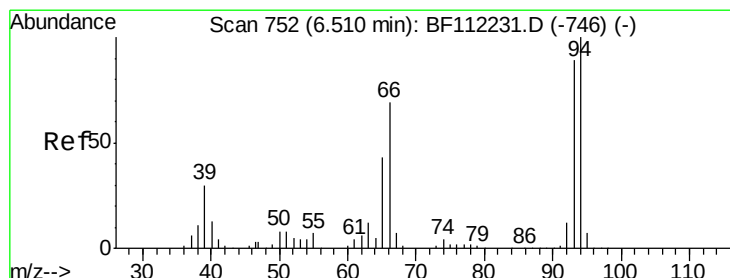
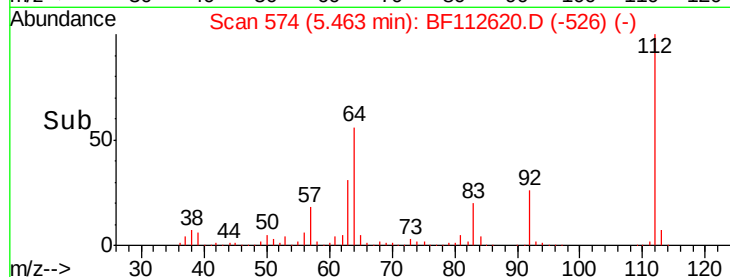
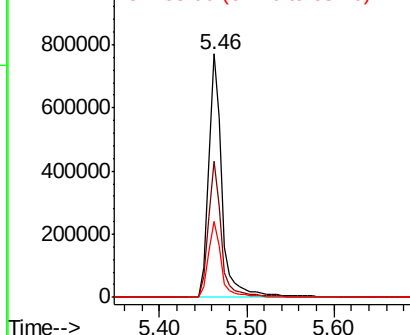
Tot Ion:	112	Resp:	819858
Ion Ratio	Lower	Upper	
112	100		
64	55.9	45.7	68.5
63	31.2	23.6	35.4

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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: 46.440 ng

RT: 6.49 min Scan# 749

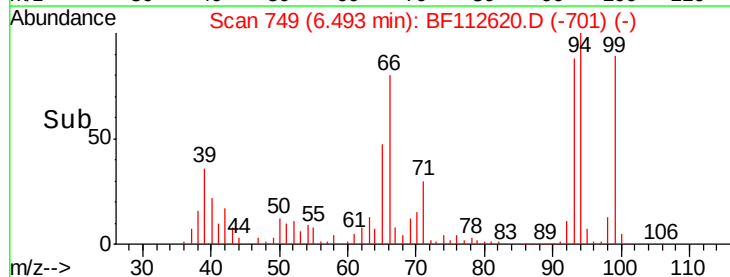
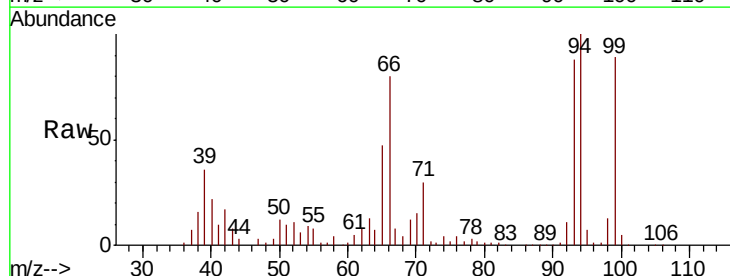
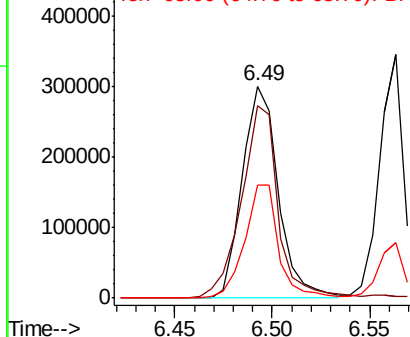
Delta R.T. -0.02 min

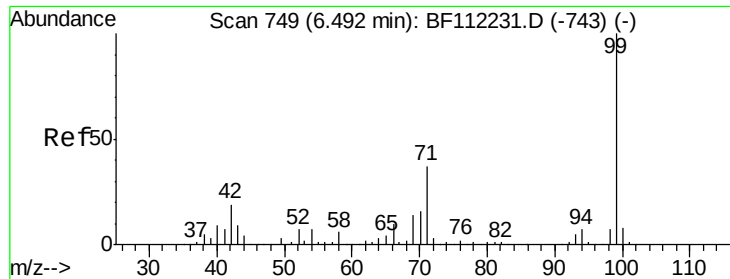
Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	93	Resp:	386533
Ion Ratio	Lower	Upper	
93	100		
66	90.7	43.4	65.2#
65	53.4	25.3	37.9#

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: 144.462 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

ClientSampled :

TS-1MSD

Tot Ion: 99 Resp: 1010775

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

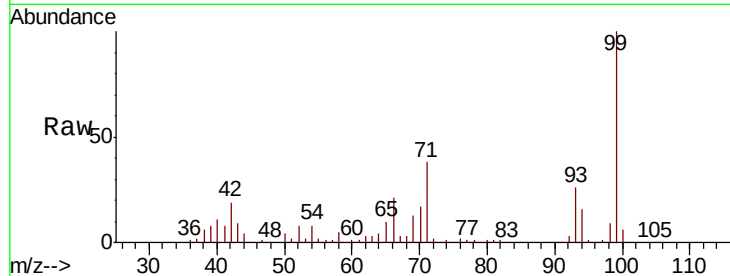
71 37.7 26.9 40.3

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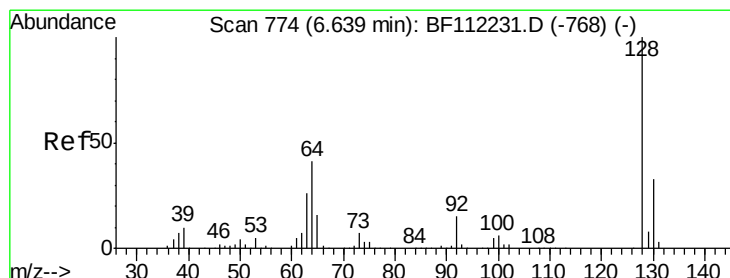
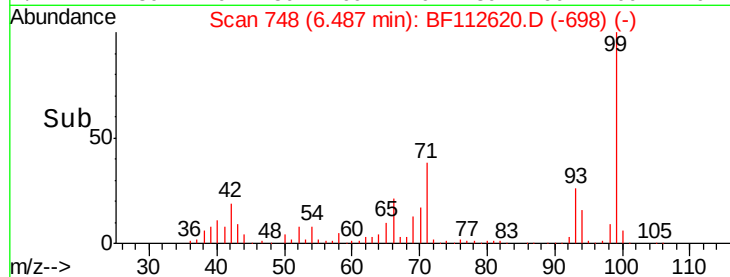
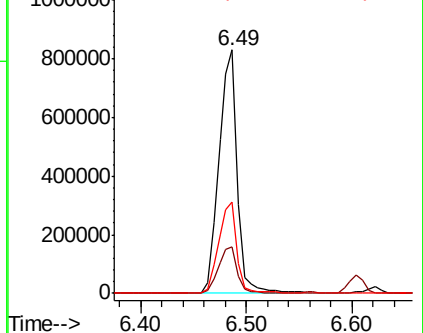
2/20/2019 11:12:45 AM



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: 49.604 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

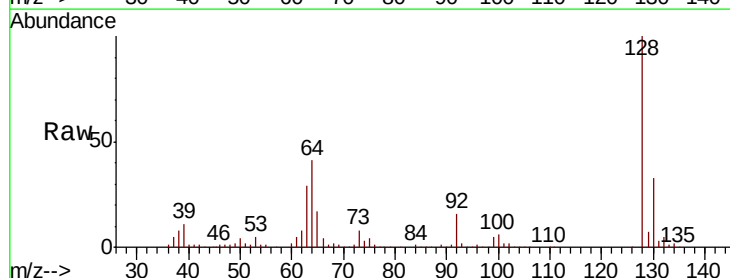
Tgt Ion: 128 Resp: 336004

Ion Ratio Lower Upper

128 100

130 32.7 13.4 53.4

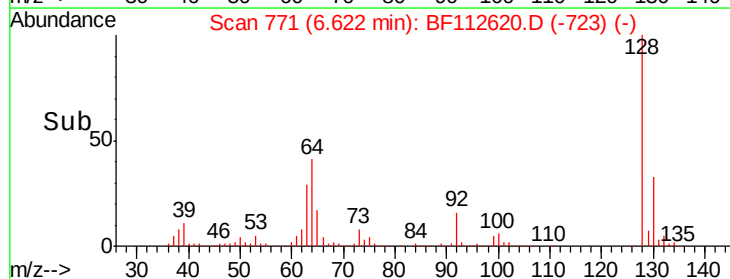
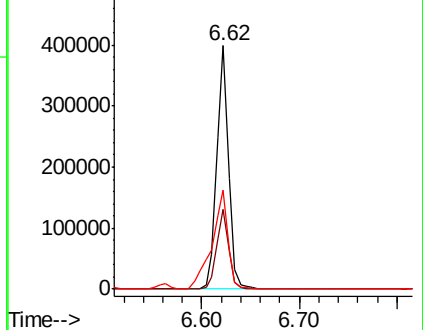
64 40.8 20.5 60.5

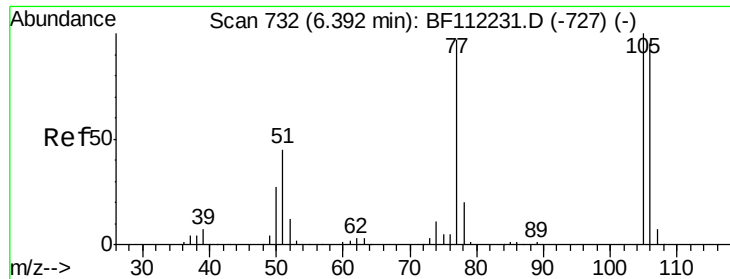


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.119 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

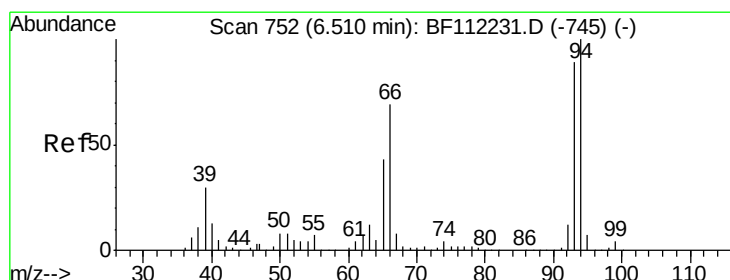
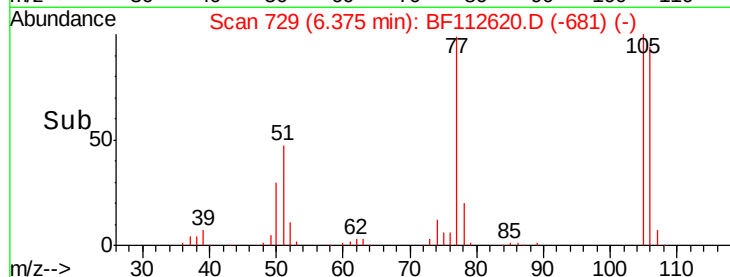
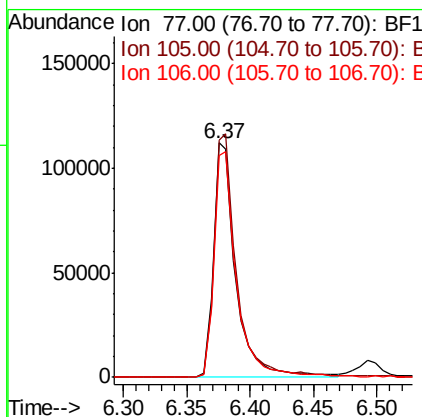
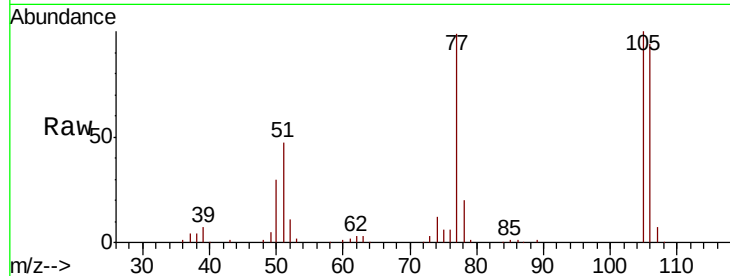
ClientSampled :

TS-1MSD

Tot Ion:	77	Resp:	139403
Ion	Ratio	Lower	Upper
77	100		
105	101.4	80.8	120.8
106	95.0	75.7	115.7

Manual Integrations
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#10

Phenol

Concen: 52.835 ng

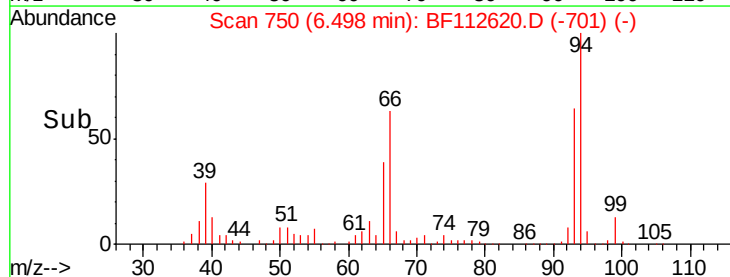
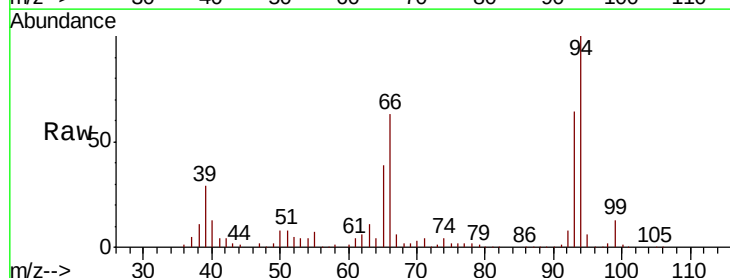
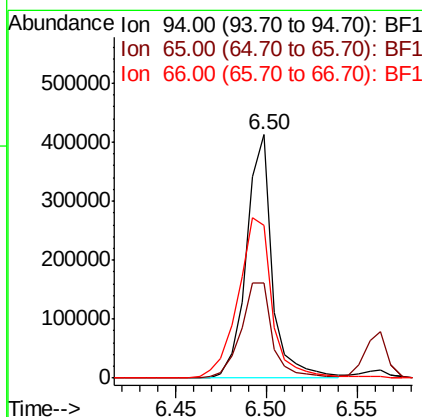
RT: 6.50 min Scan# 750

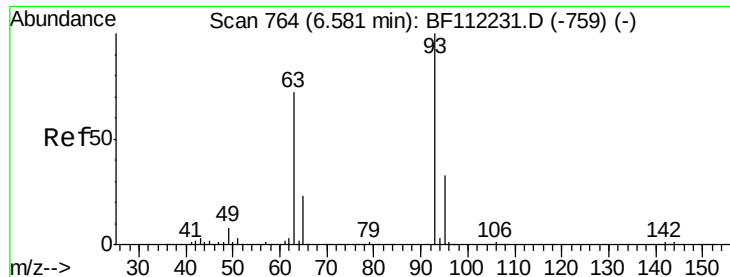
Delta R.T. -0.01 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	94	Resp:	405579
Ion	Ratio	Lower	Upper
94	100		
65	38.8	20.3	60.3
66	63.0	42.4	82.4





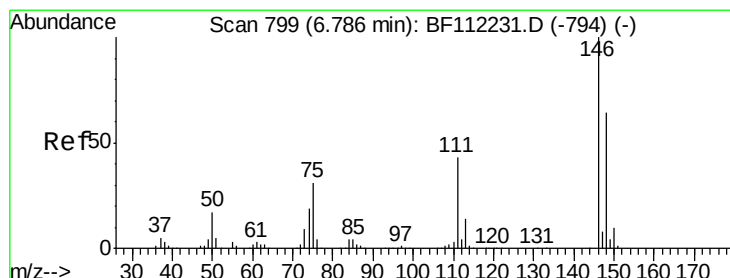
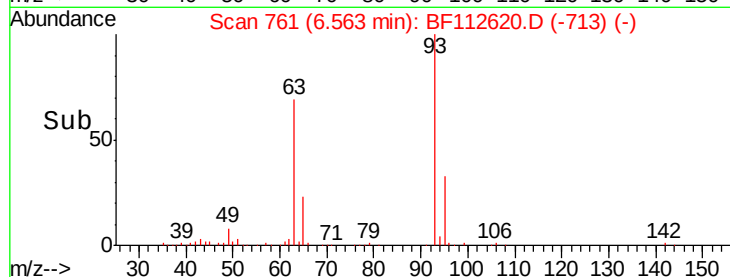
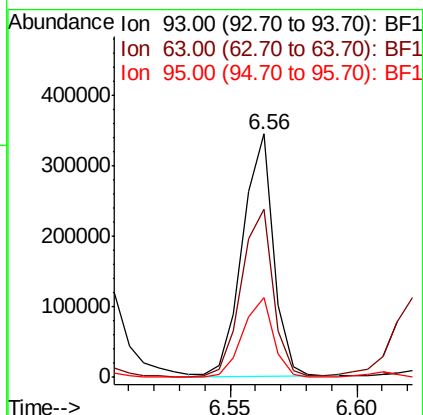
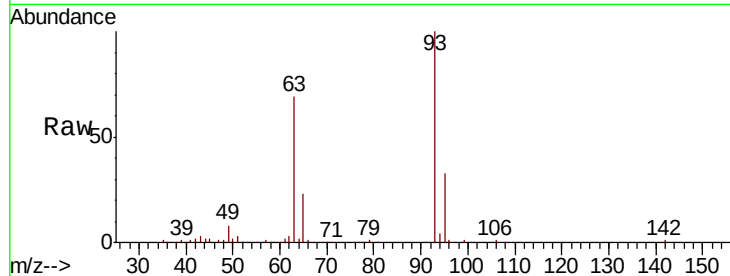
#11
bis(2-Chloroethyl)ether
Concen: 48.497 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion:	93	Resp:	293086
Ion Ratio	Lower	Upper	
93	100		
63	69.3	53.3	93.3
95	32.9	13.4	53.4

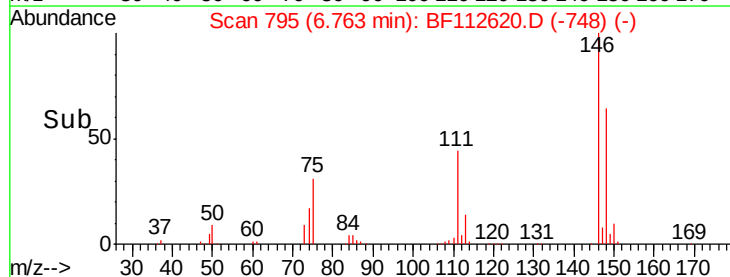
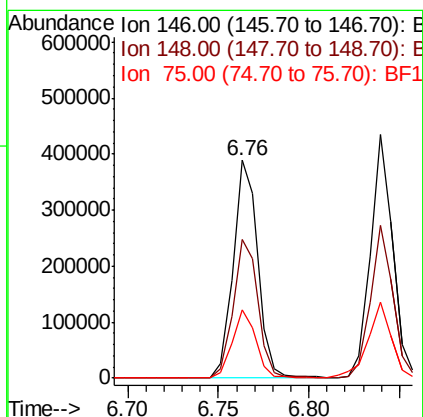
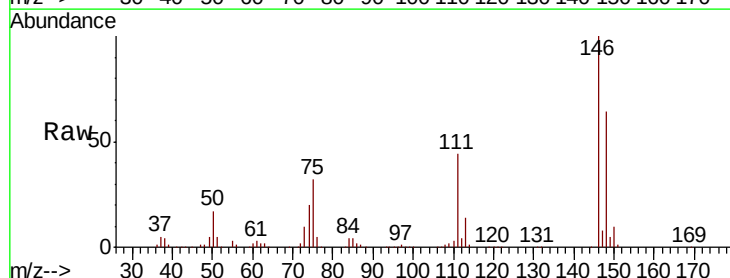
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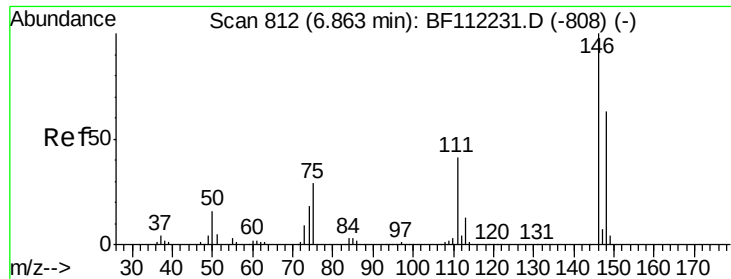
Sohil
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#12
1,3-Dichlorobenzene
Concen: 46.568 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion:	146	Resp:	367362
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
75	31.6	23.1	34.7





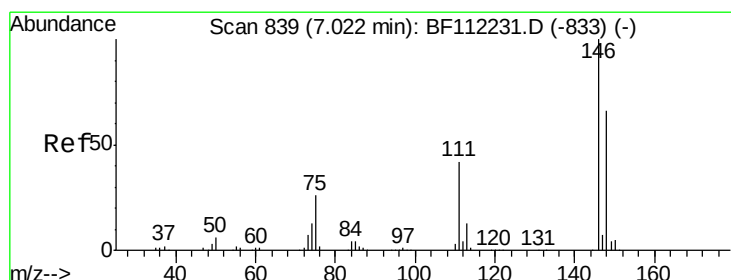
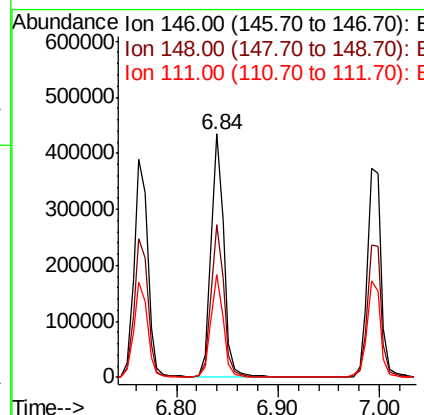
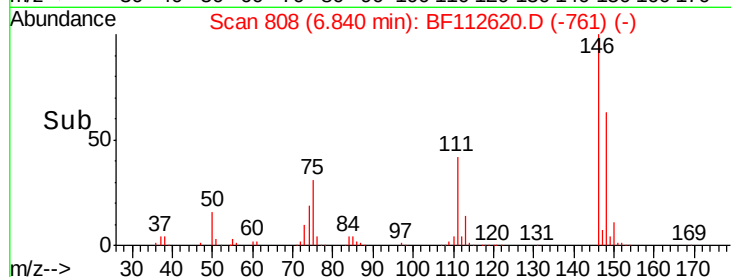
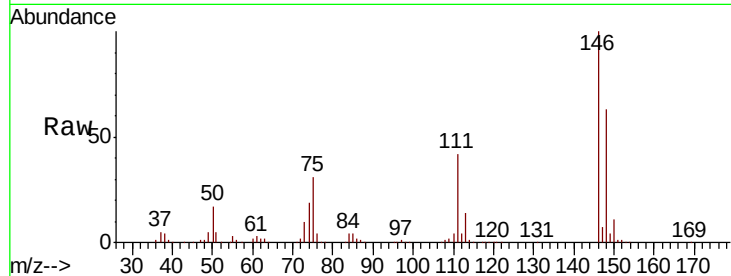
#13
 1,4-Dichlorobenzene
 Concen: 46.876 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Instrument :
 BNA_F
 ClientSampled :
 TS-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.0	78.0
111	42.3	31.2	46.8

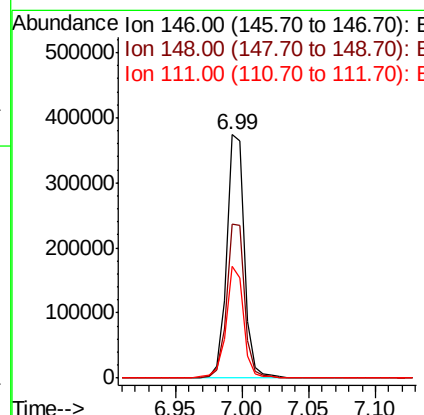
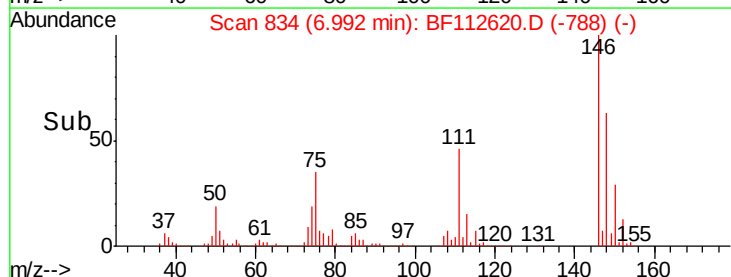
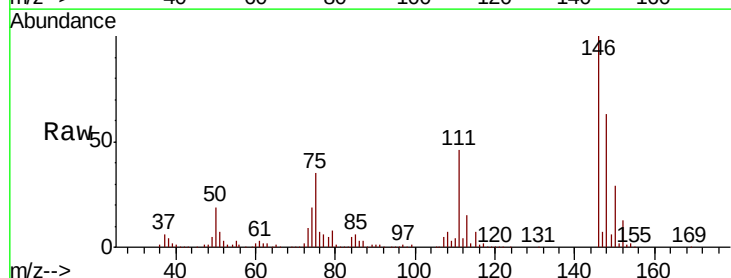
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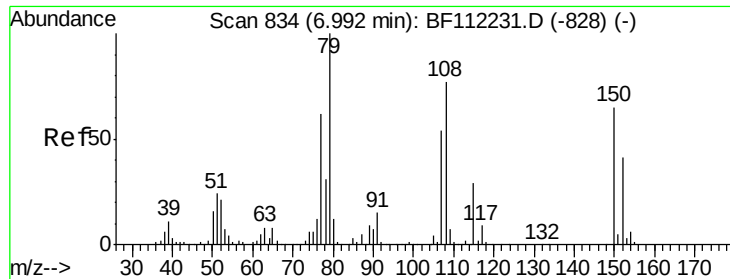
Sohil
 2/20/2019 11:12:45 AM



#14
 1,2-Dichlorobenzene
 Concen: 46.386 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.4
111	46.0	31.2	46.8





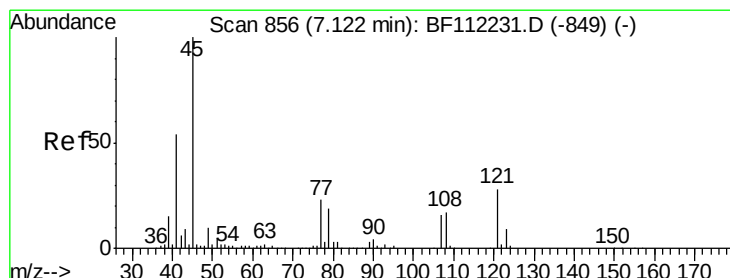
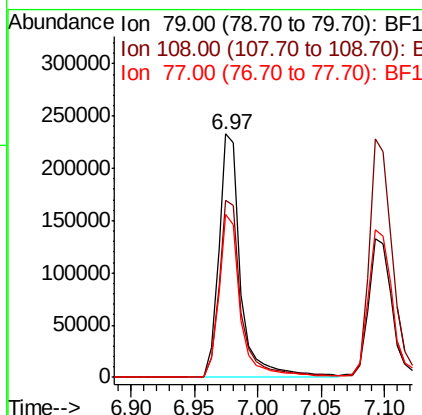
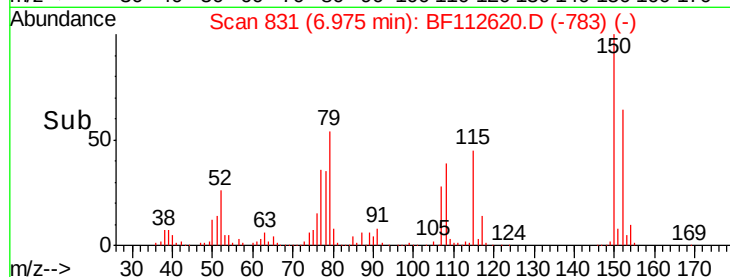
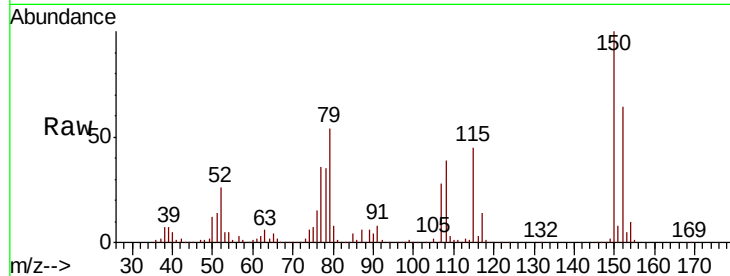
#15
Benzyl Alcohol
Concen: 47.747 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleID :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.8	64.2	96.2
77	67.1	50.3	75.5

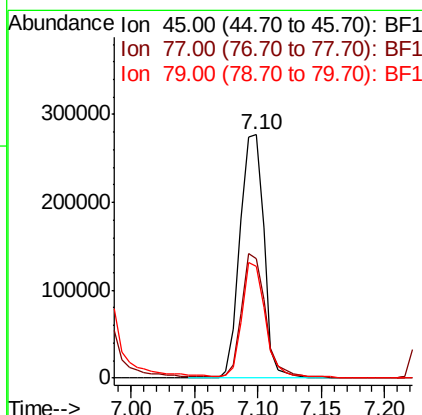
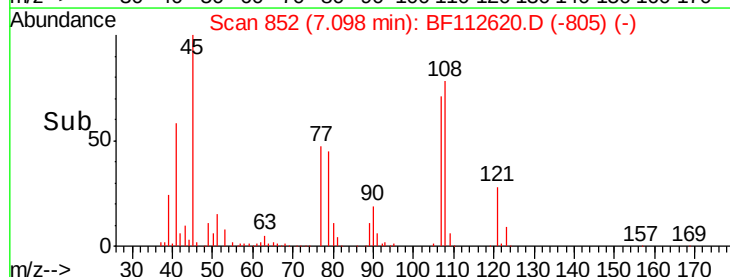
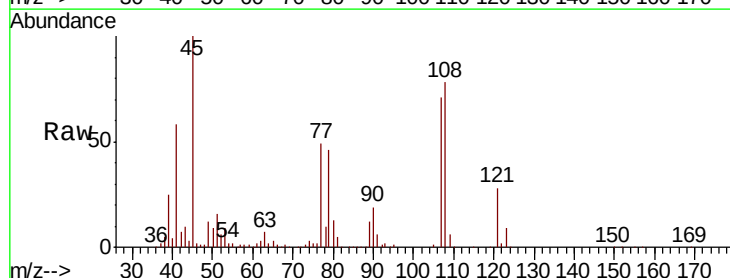
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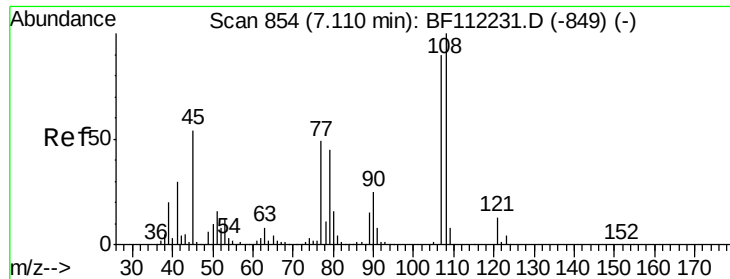
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.599 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	48.9	0.0	36.9#
79	45.9	0.0	34.0#





#17

2-Methylphenol

Concen: 48.388 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

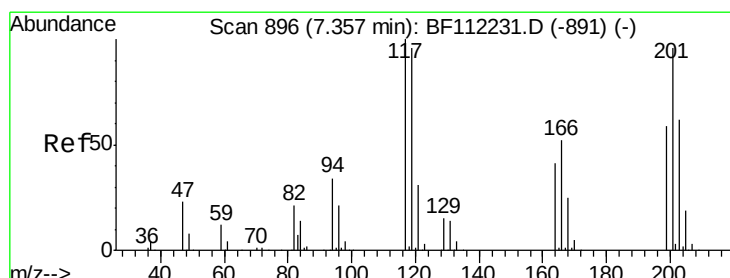
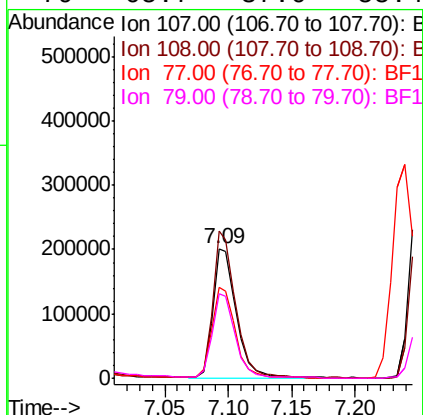
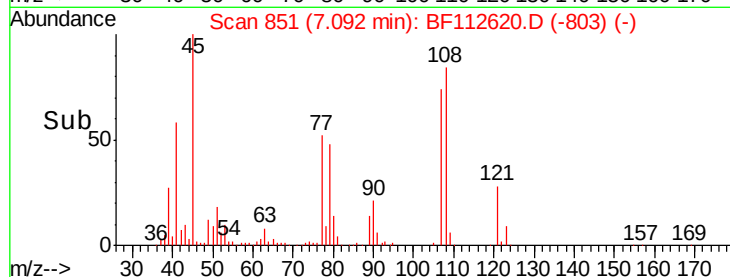
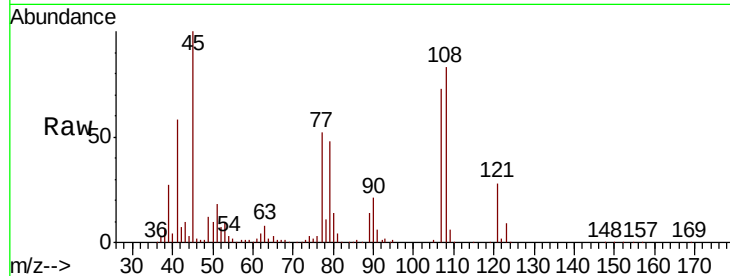
ClientSampled :

TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.3	136.9	
77	70.3	39.0	58.6	
79	65.7	37.0	55.4	

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#18

Hexachloroethane

Concen: 49.047 ng

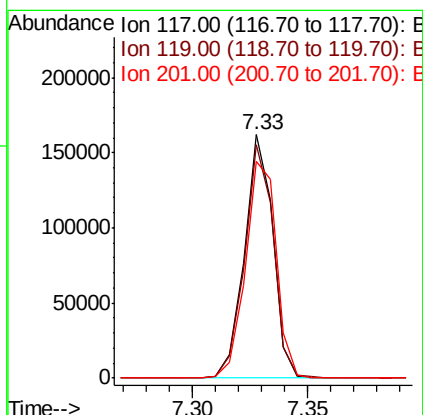
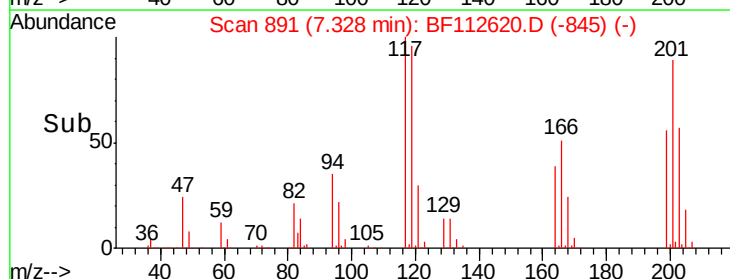
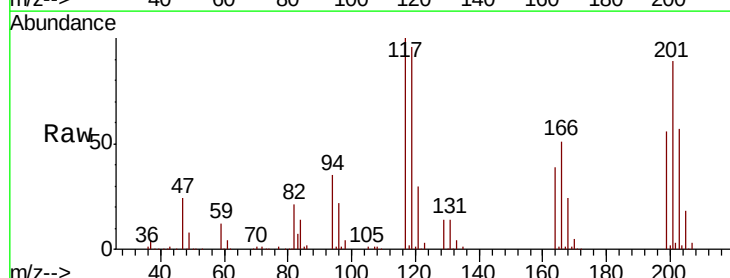
RT: 7.33 min Scan# 891

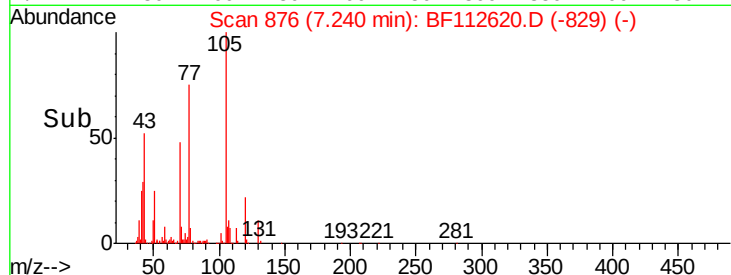
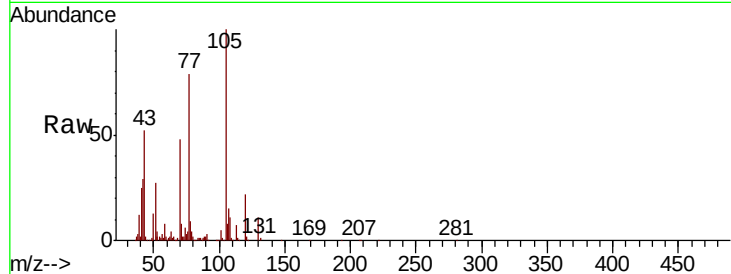
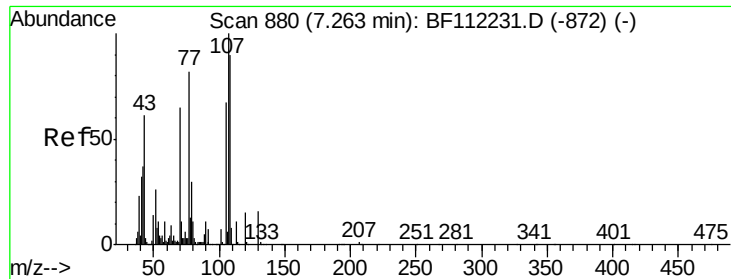
Delta R.T. -0.03 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	77.0	115.4	
201	88.8	74.1	111.1	





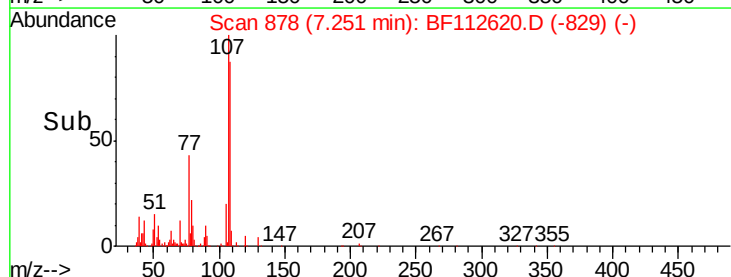
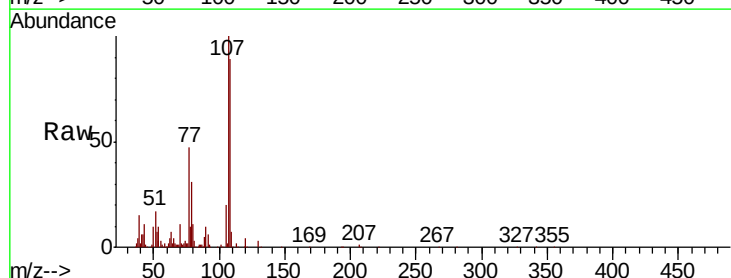
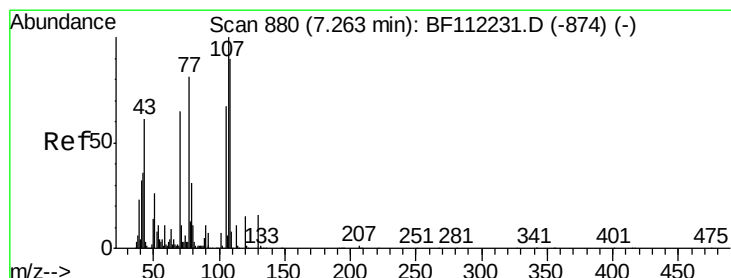
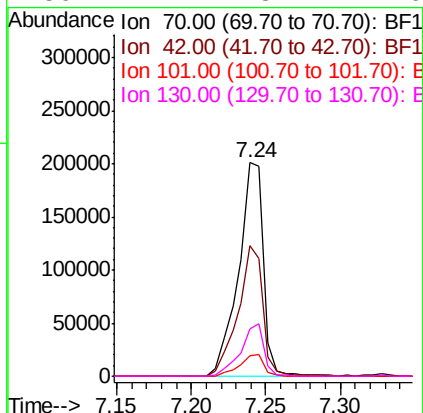
#19
n-Nitroso-di-n-propylamine
Concen: 48.577 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	47.6	71.4
101	9.9	7.9	11.9
130	22.1	18.4	27.6

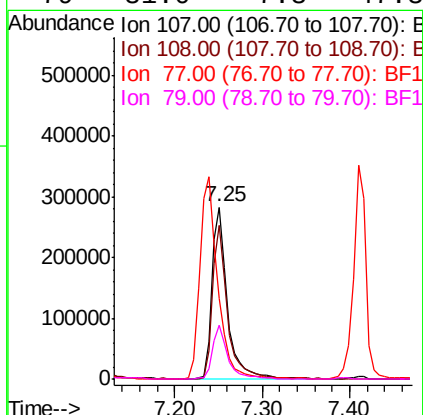
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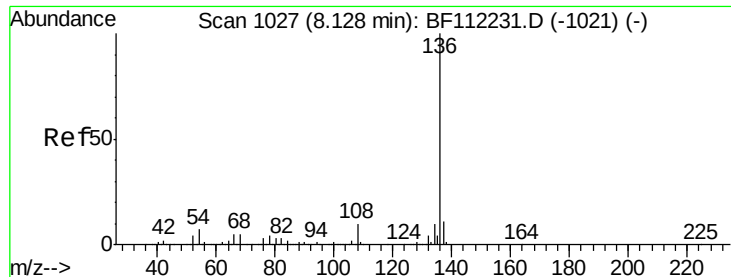
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#20
3+4-Methylphenols
Concen: 50.175 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.2	108.2
77	47.3	100.7	140.7#
79	31.0	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

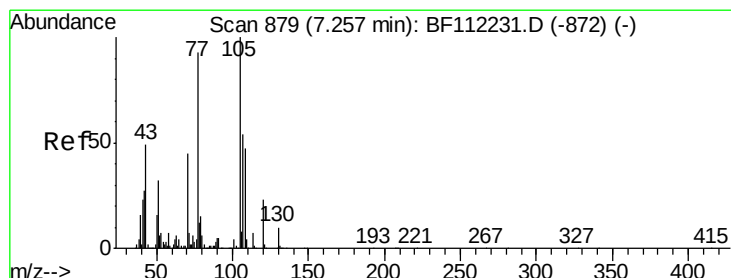
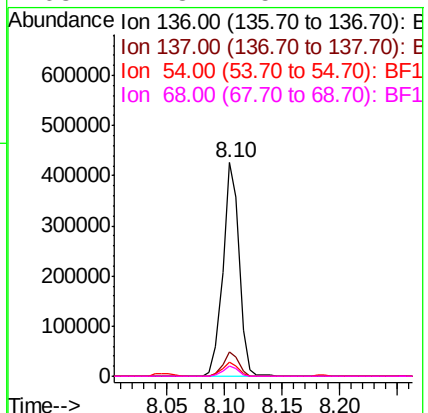
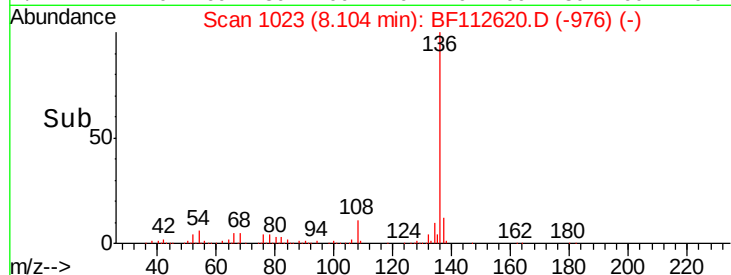
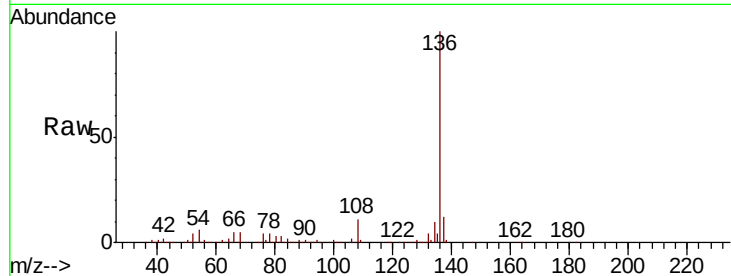
ClientSampleId :

TS-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		415788		
137	11.5		9.1	13.7	
54	6.4		5.9	8.9	
68	4.8		5.1	7.7	

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#22

Acetophenone

Concen: 46.455 ng

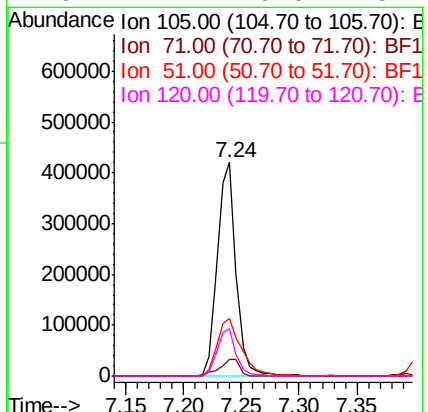
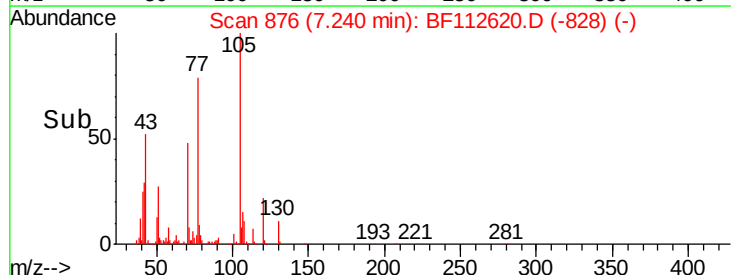
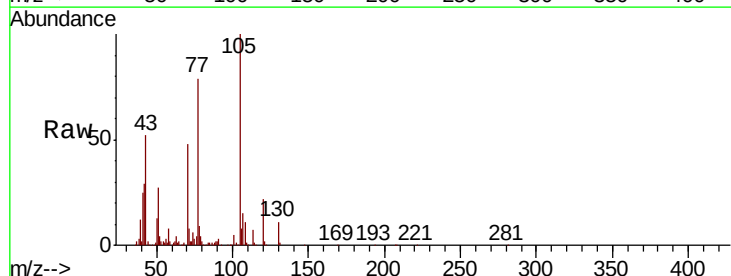
RT: 7.24 min Scan# 876

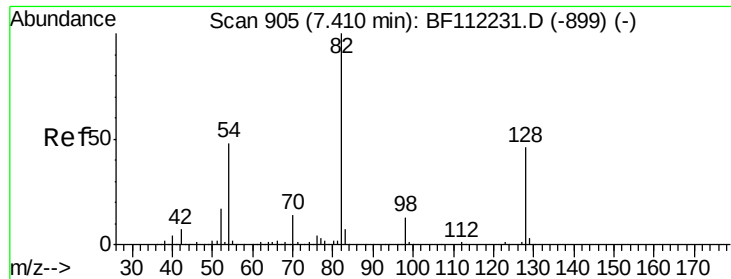
Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		470329		
71	7.9		4.6	6.8	
51	27.0		25.0	37.6	
120	22.2		19.0	28.4	





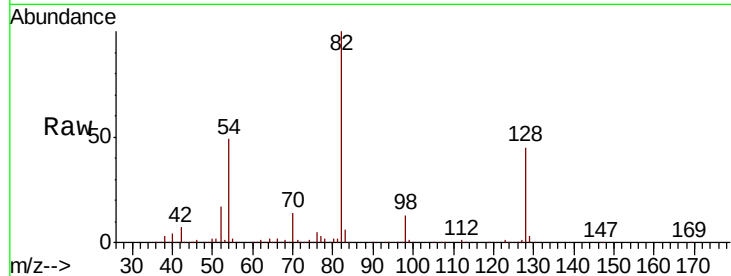
#23
Nitrobenzene-d5
Concen: 92.589 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

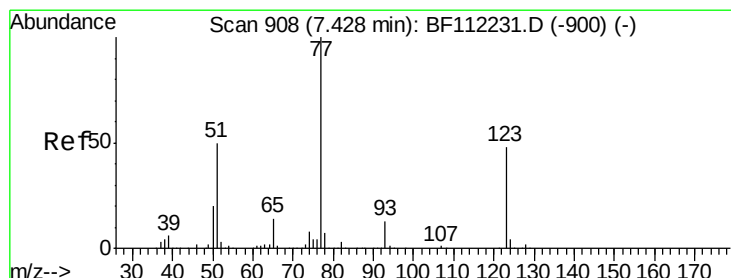
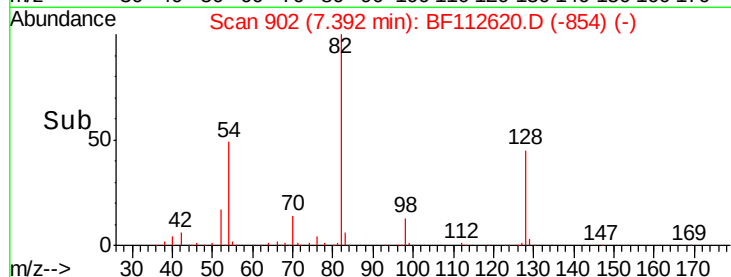
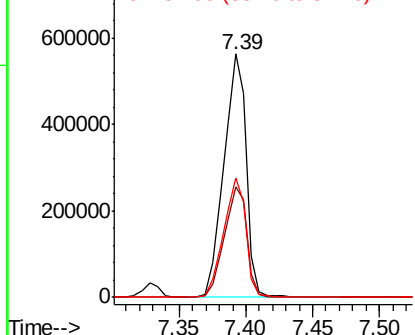
Tot Ion	Ratio	Resp	Lower	Upper
82	100	668130		
128	45.2		37.8	56.8
54	49.0		39.7	59.5

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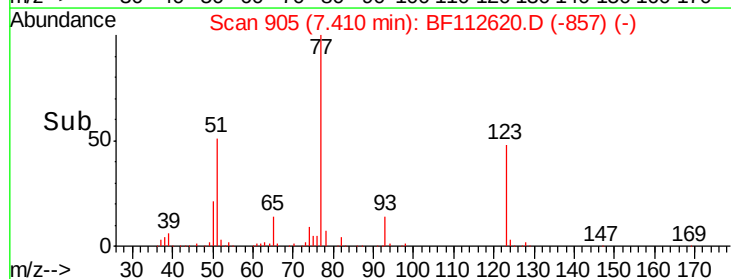
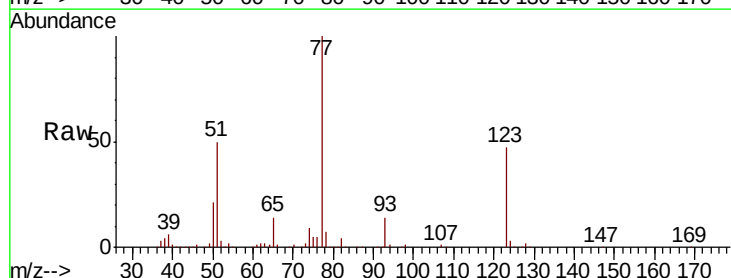
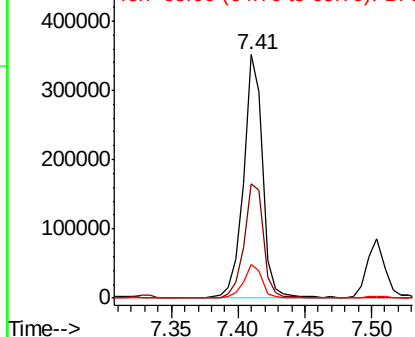
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

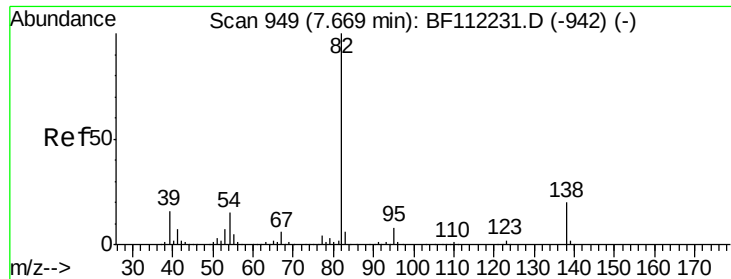


#24
Nitrobenzene
Concen: 47.777 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	344317		
123	47.2		38.4	57.6
65	13.8		10.6	15.8

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





#25

Isophorone

Concen: 55.095 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

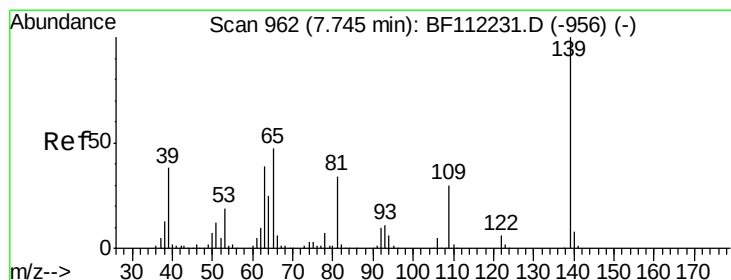
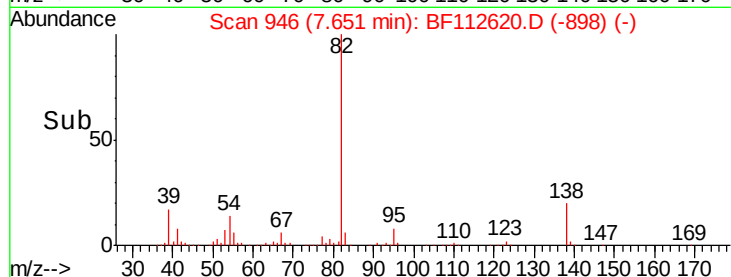
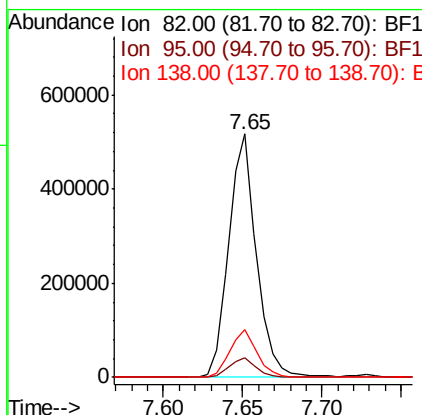
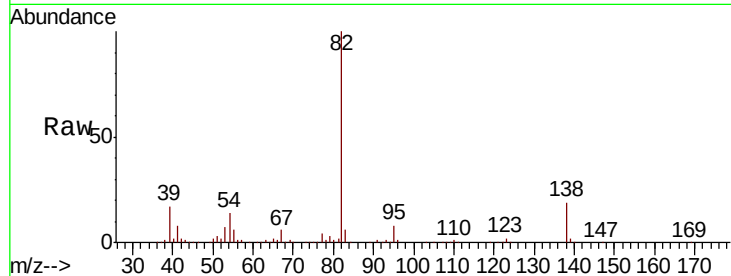
ClientSampleId :

TS-1MSD

Tot Ion:	82	Resp:	623706
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.7	8.5
138	19.4	15.4	23.0

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#26

2-Nitrophenol

Concen: 48.833 ng

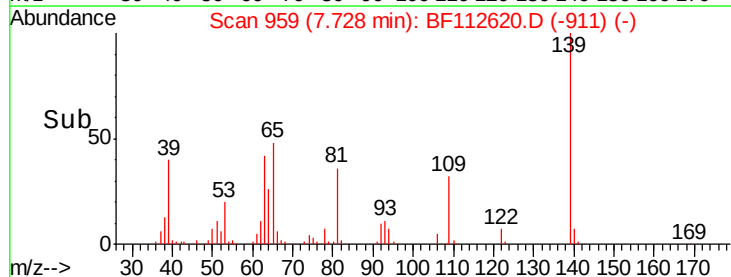
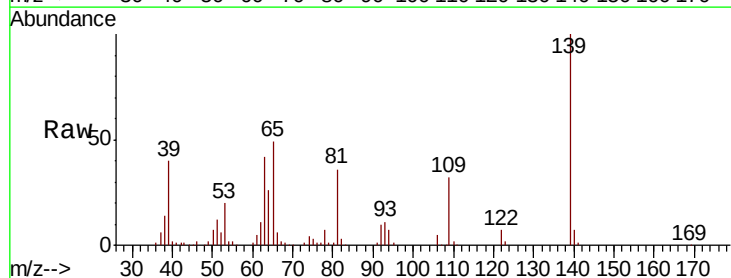
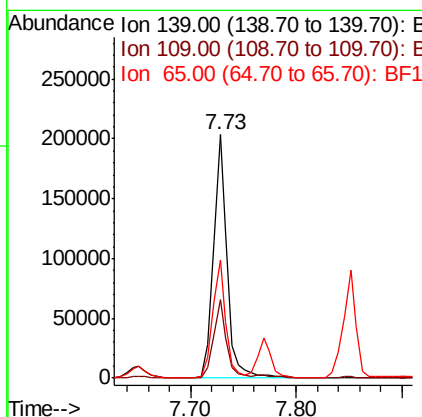
RT: 7.73 min Scan# 959

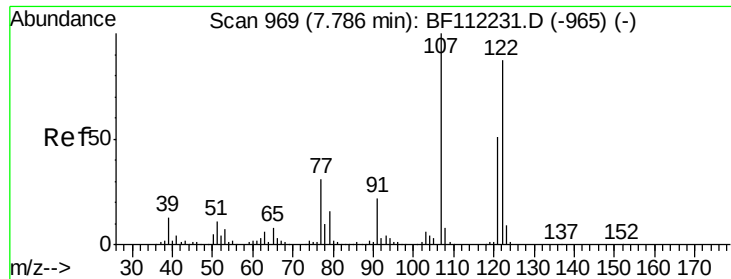
Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	139	Resp:	188073
Ion Ratio	Lower	Upper	
139	100		
109	32.2	20.8	31.2#
65	48.5	34.4	51.6





#27

2,4-Dimethylphenol

Concen: 54.344 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

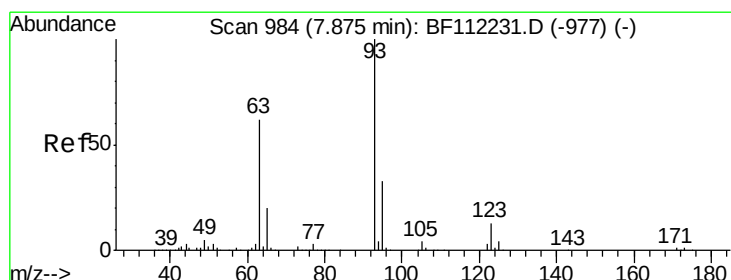
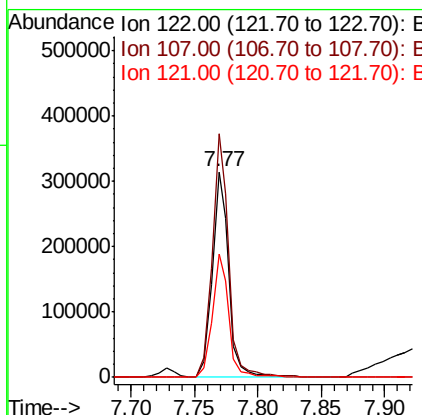
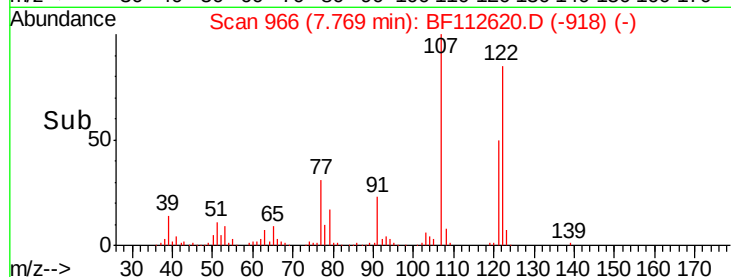
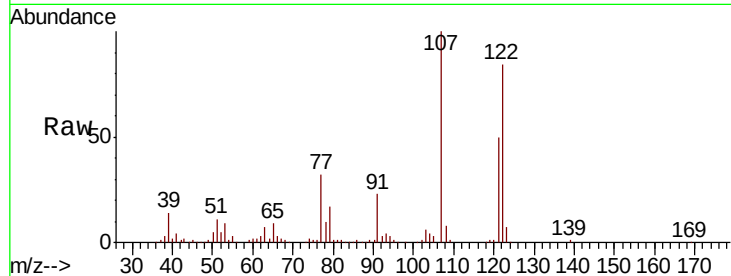
ClientSampled :

TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	288366		
107	118.3		85.4	128.0
121	59.6		47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 50.258 ng

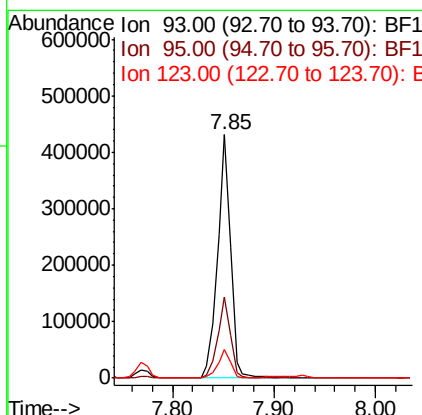
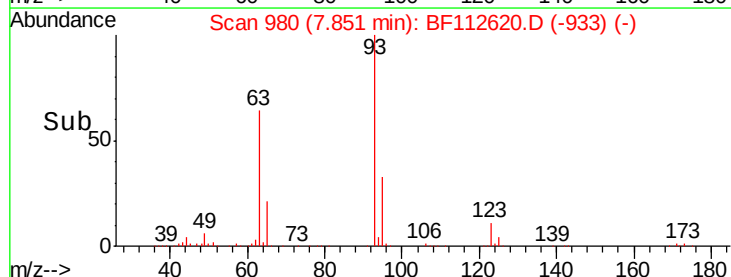
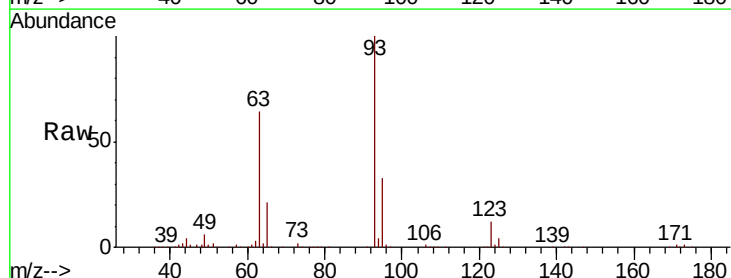
RT: 7.85 min Scan# 980

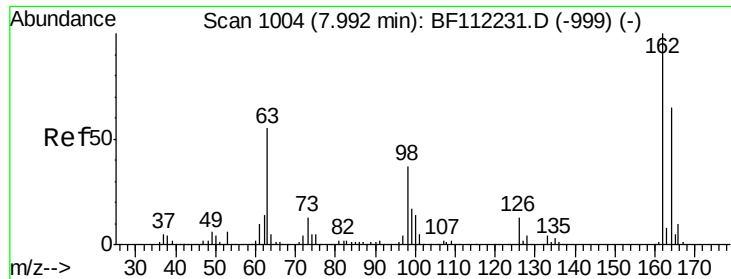
Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	387398		
95	33.2		26.8	40.2
123	11.6		10.2	15.2





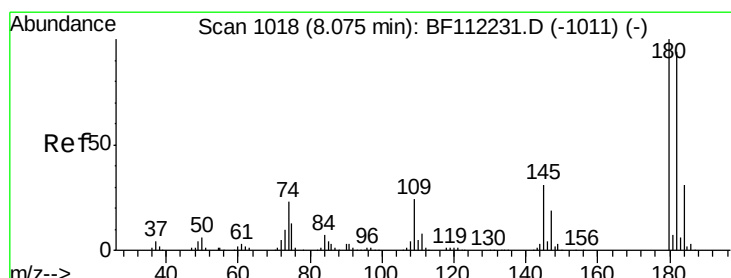
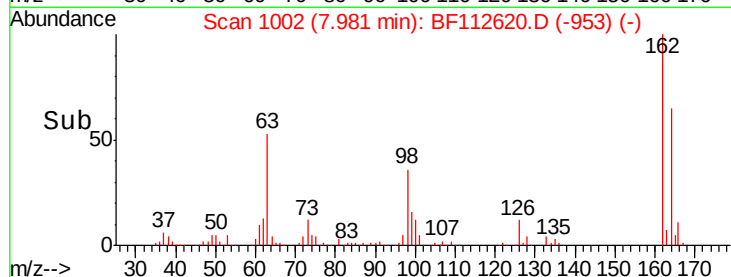
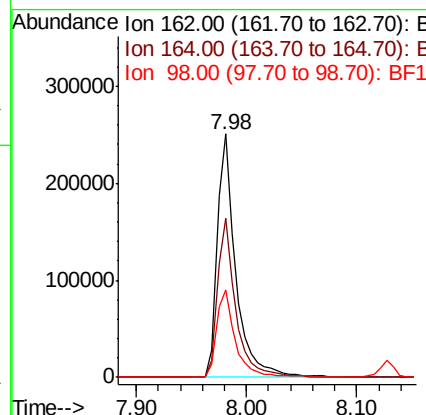
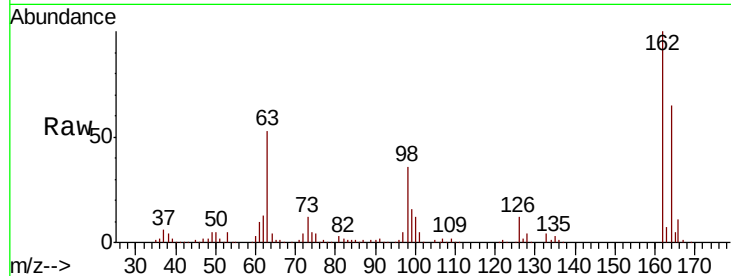
#29
2,4-Dichlorophenol
Concen: 48.522 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	44.6	84.6
98	36.1	14.6	54.6

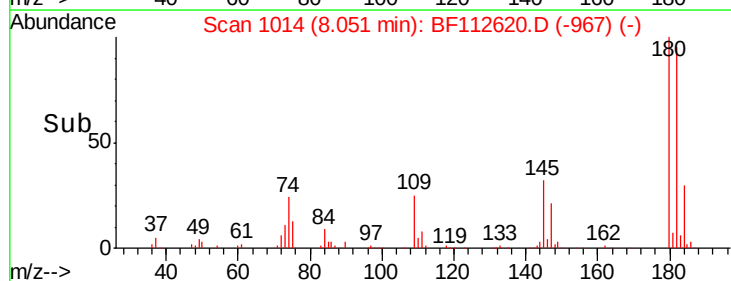
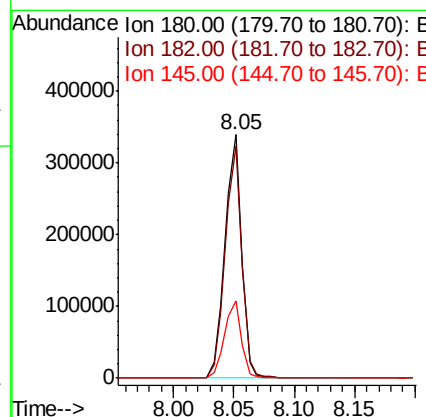
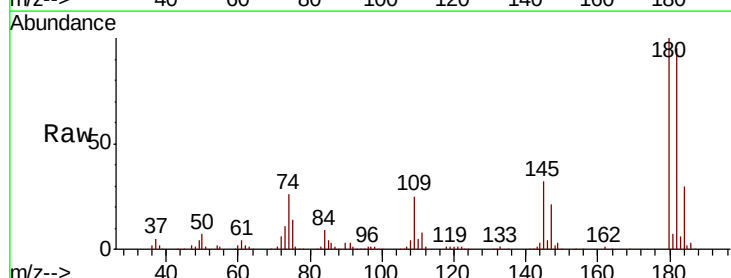
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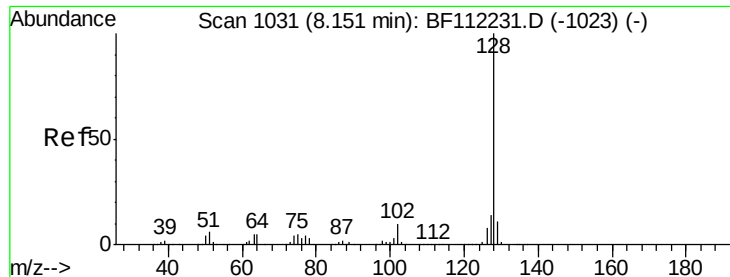
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#30
1,2,4-Trichlorobenzene
Concen: 47.334 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	76.4	114.6
145	31.7	25.0	37.4





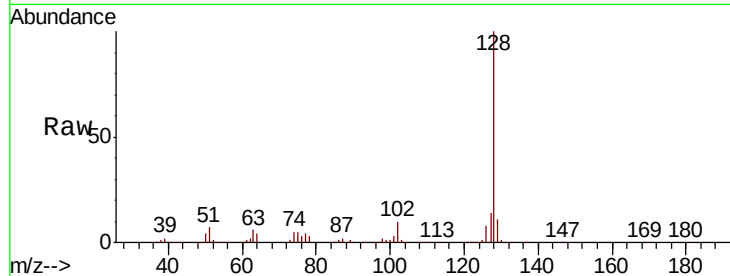
#31
Naphthalene
Concen: 50.672 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
TS-1MSD

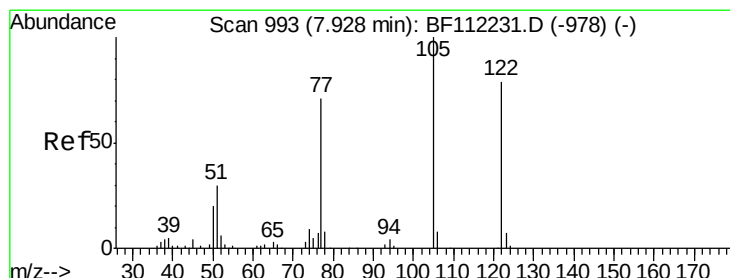
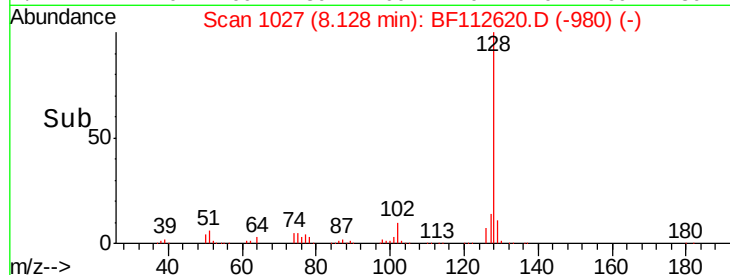
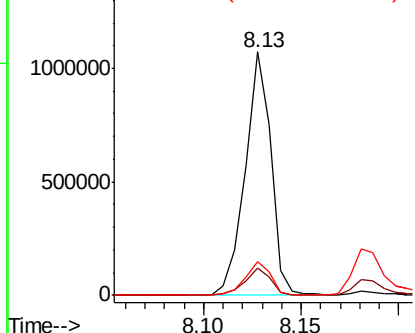
Tot Ion:	128	Resp:	985261
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.6	14.4
127	13.9	11.1	16.7

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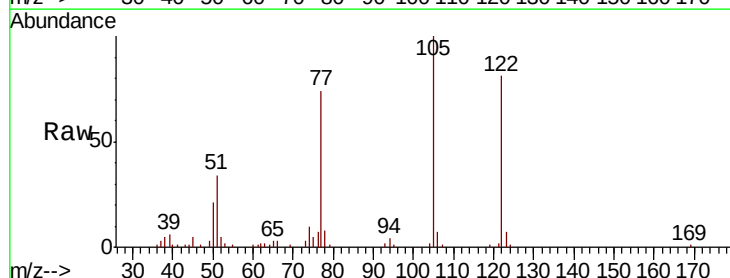


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

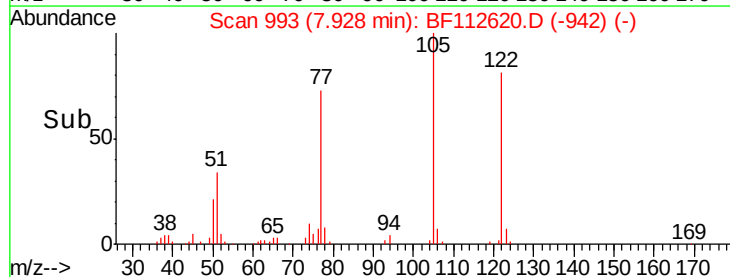
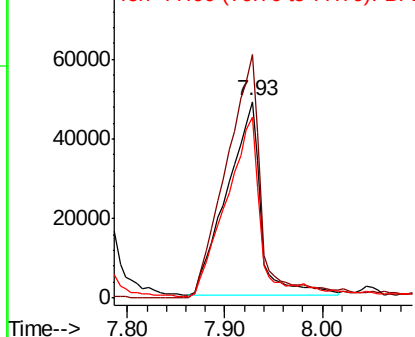


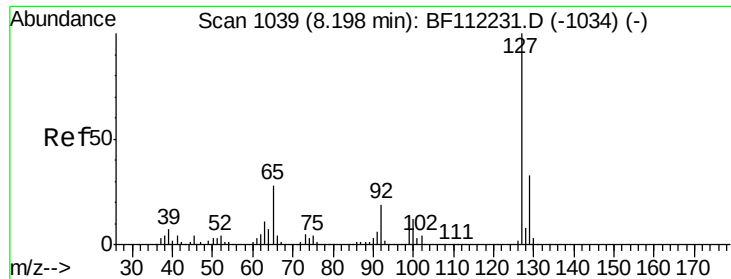
#32
Benzoic acid
Concen: 39.163 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion:	122	Resp:	118538
Ion Ratio	Lower	Upper	
122	100		
105	124.0	101.2	141.2
77	91.9	70.4	110.4



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





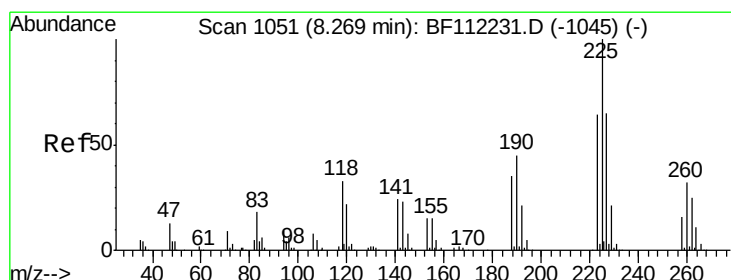
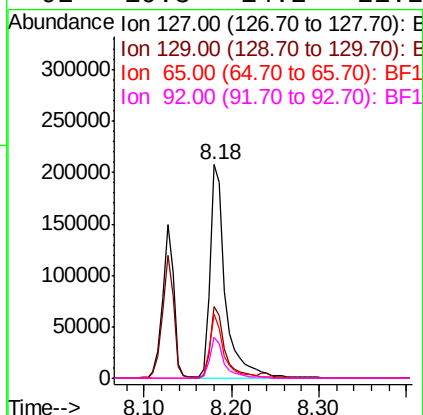
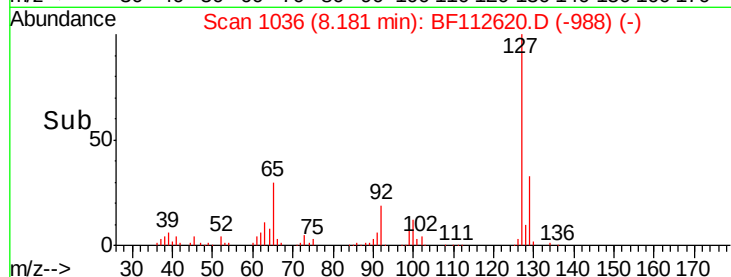
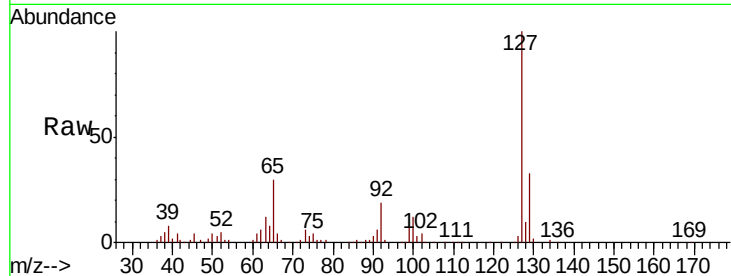
#33
4-Chloroaniline
Concen: 29.927 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		253378		
129	33.4	26.6	39.8		
65	30.2	21.4	32.2		
92	19.3	14.2	21.2		

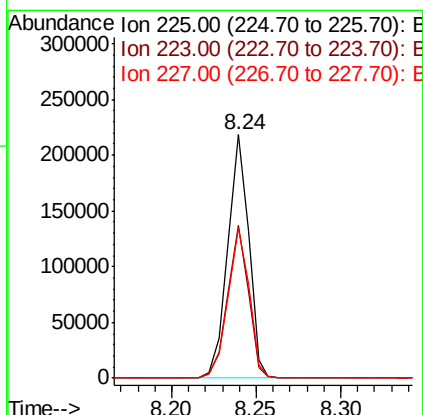
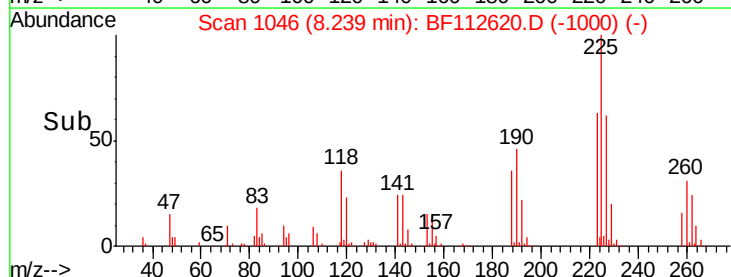
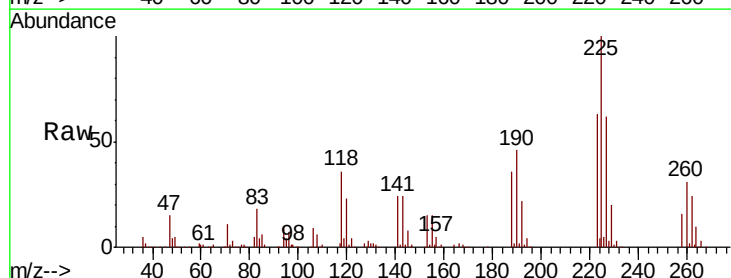
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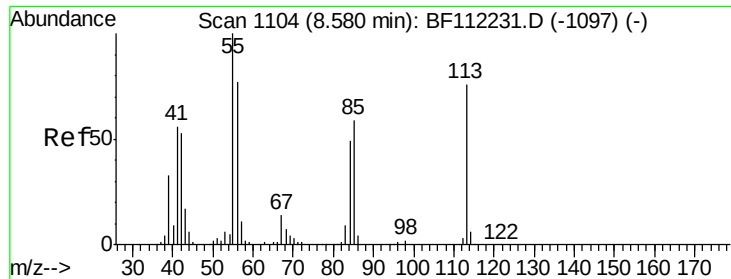
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#34
Hexachlorobutadiene
Concen: 46.957 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		188085		
223	62.9	50.3	75.5		
227	61.9	51.8	77.8		





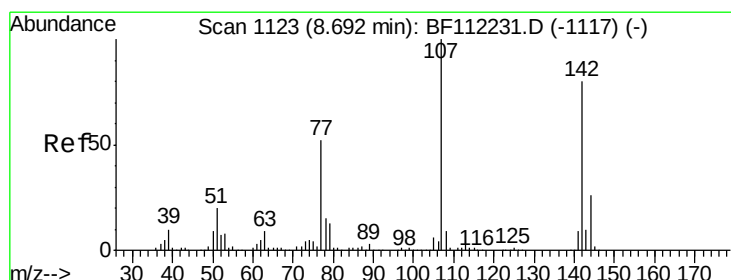
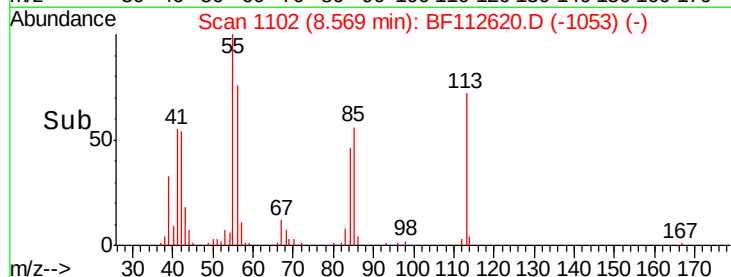
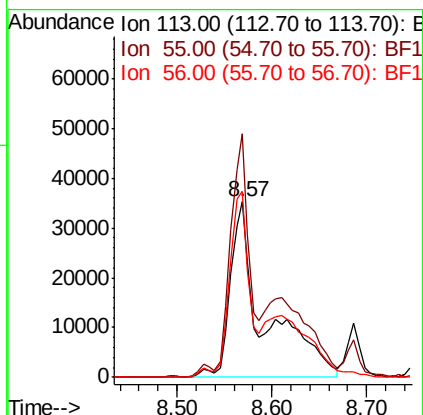
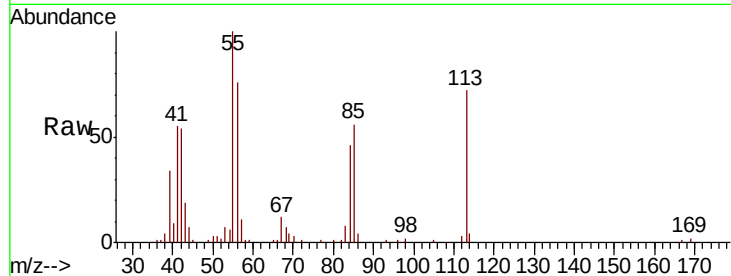
#35
Caprolactam
Concen: 41.821 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion: 113 Resp: 87608
Ion Ratio Lower Upper
113 100
55 138.8 121.6 161.6
56 106.0 86.7 126.7

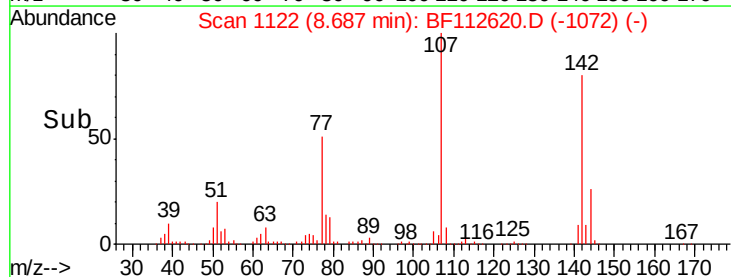
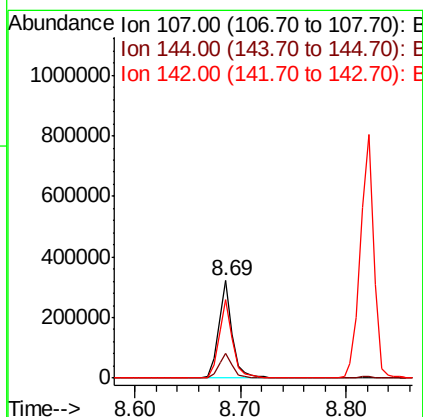
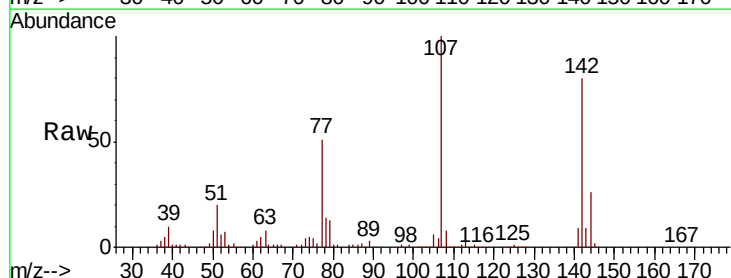
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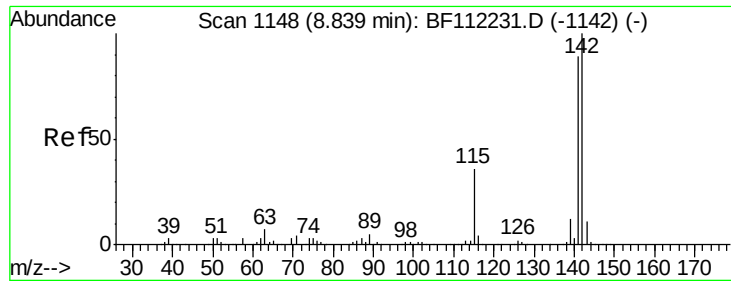
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#36
4-Chloro-3-methylphenol
Concen: 47.383 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion: 107 Resp: 297860
Ion Ratio Lower Upper
107 100
144 25.6 22.2 33.2
142 80.3 67.7 101.5





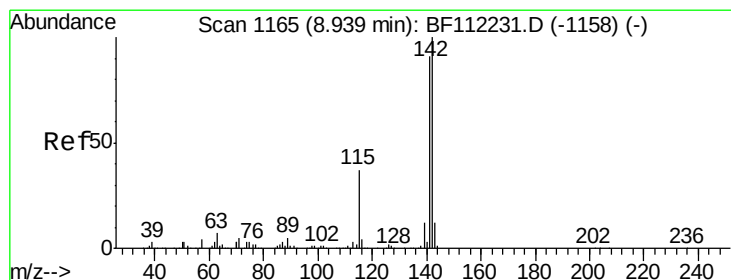
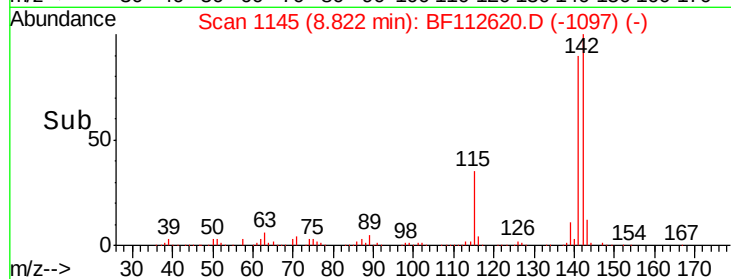
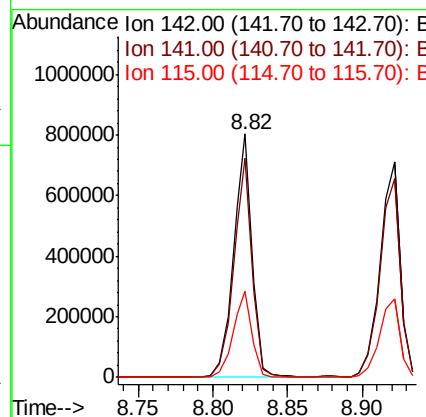
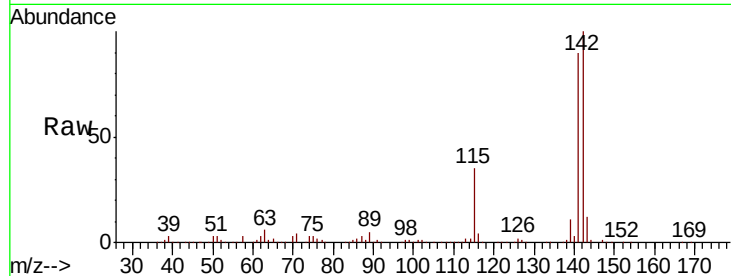
#37
2-Methylnaphthalene
Concen: 52.827 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.9	106.3
115	35.3	24.9	37.3

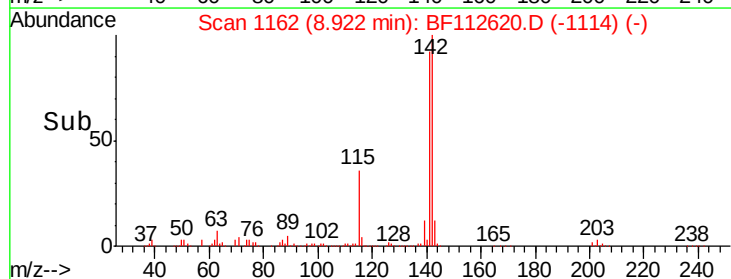
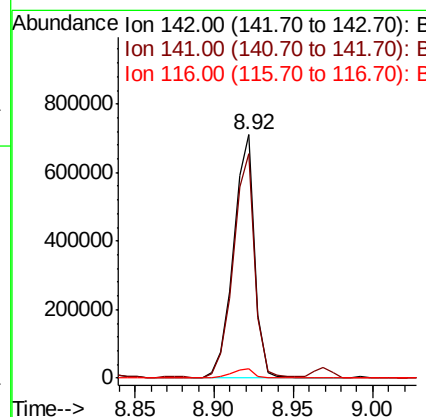
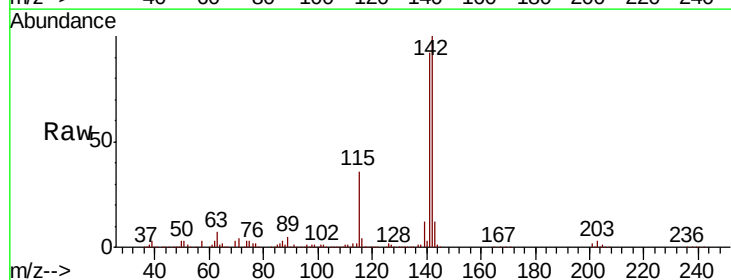
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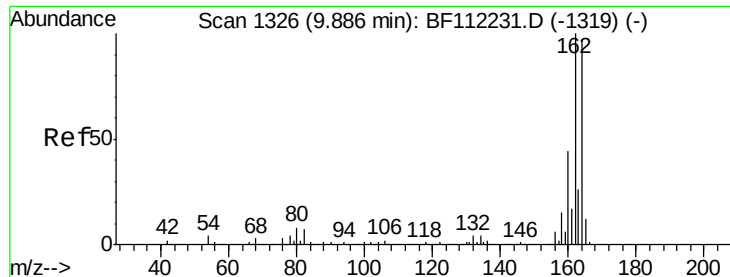
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#38
1-Methylnaphthalene
Concen: 51.251 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.6	108.8
116	3.6	2.8	4.2





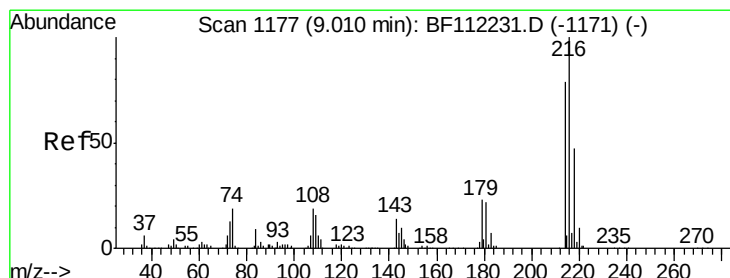
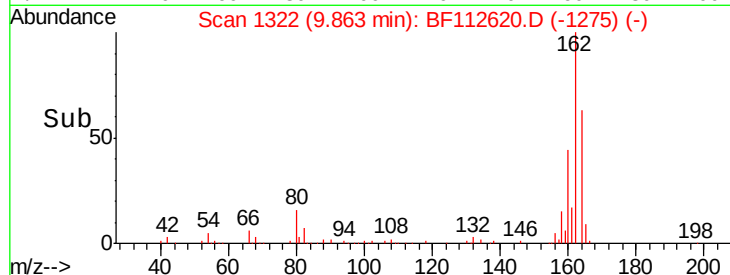
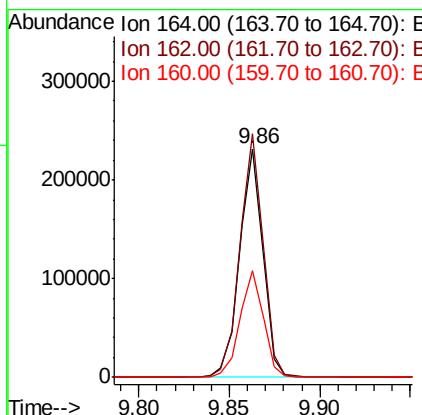
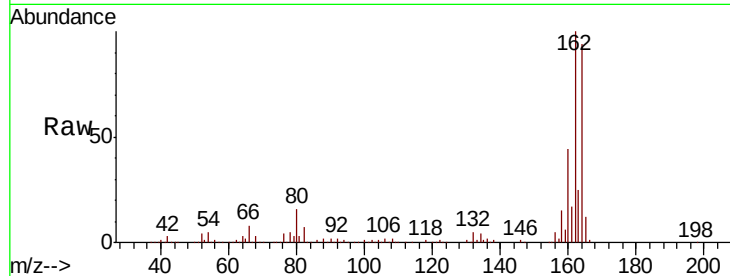
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.6	82.2	123.4	
160	46.9	36.2	54.4	

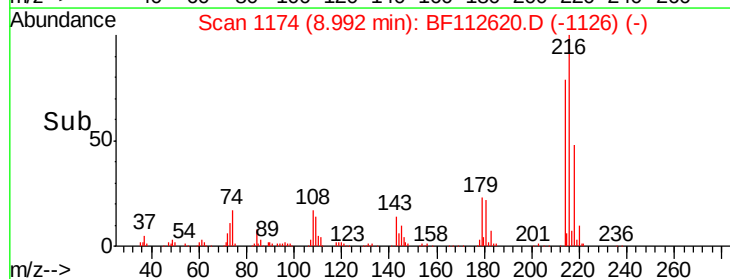
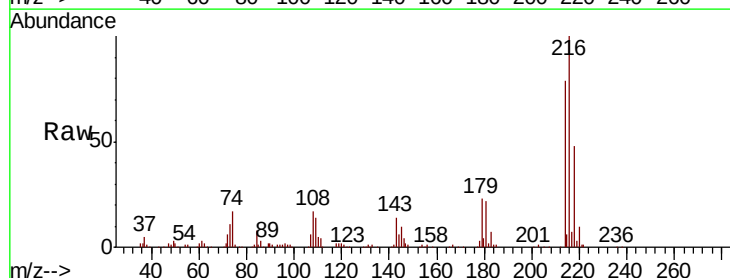
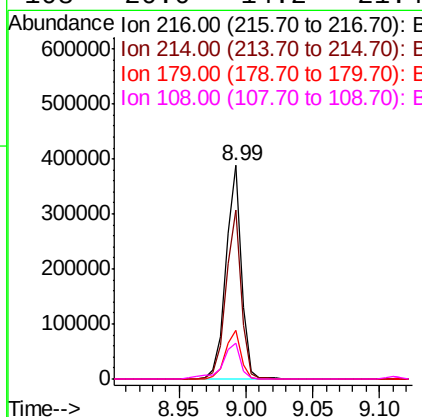
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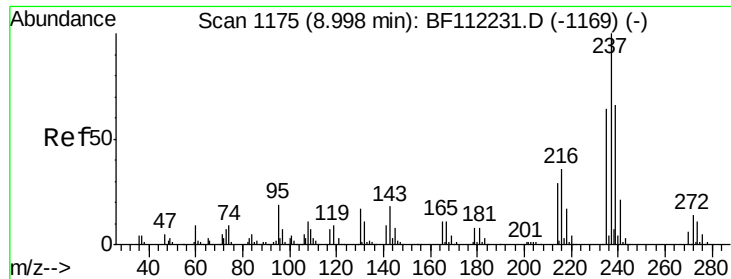
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.108 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.8	95.6	
179	23.0	16.9	25.3	
108	20.0	14.2	21.4	





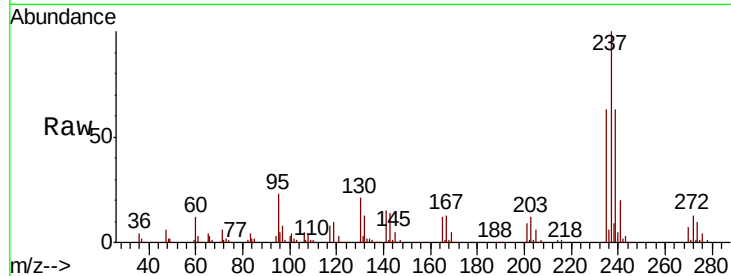
#41
Hexachlorocyclopentadiene
Concen: 70.742 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

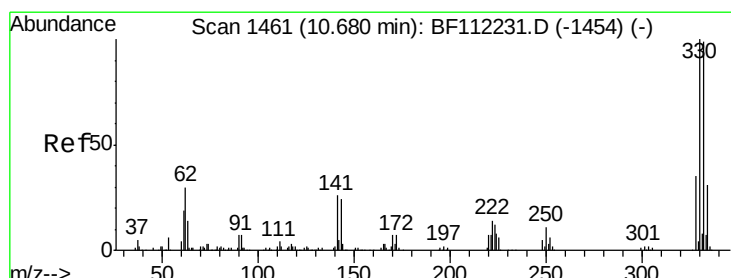
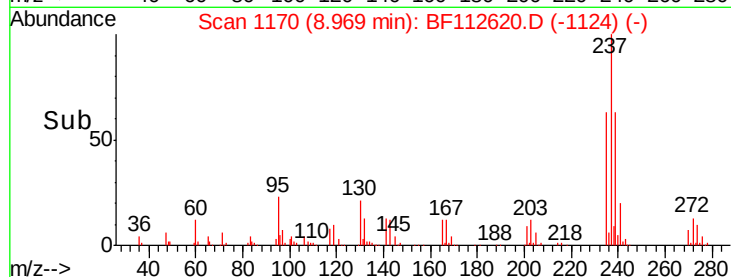
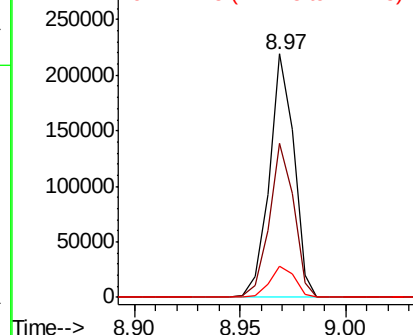
Tot Ion:	237	Resp:	178136
Ion Ratio	Lower	Upper	
237	100		
235	63.4	44.0	84.0
272	12.8	0.0	33.3

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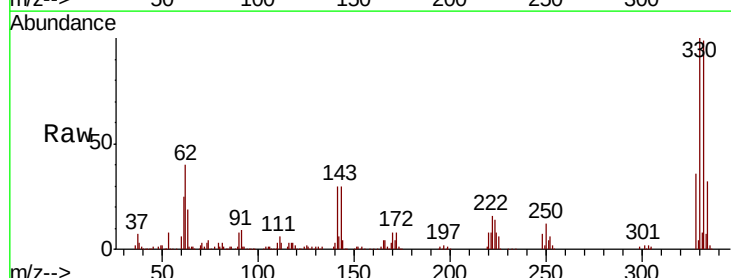


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

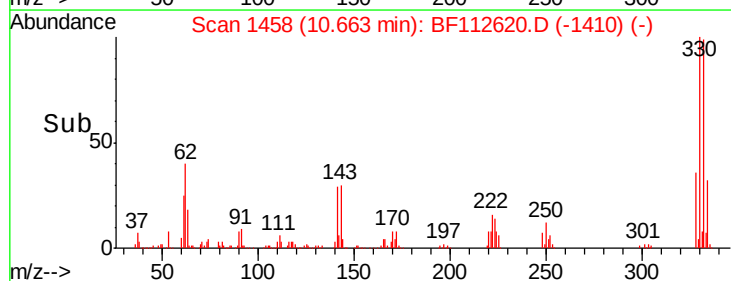
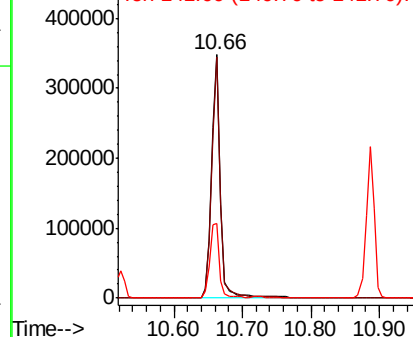


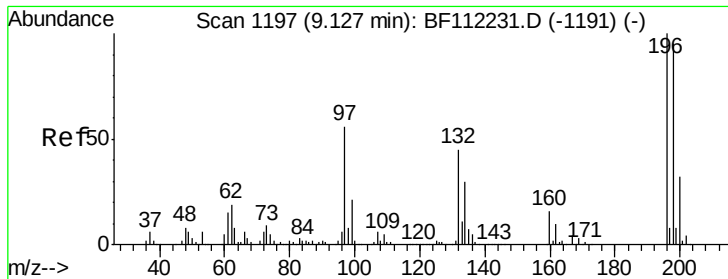
#42
2,4,6-Tribromophenol
Concen: 134.642 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion:	330	Resp:	322835
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.6	114.8
141	33.5	24.3	36.5



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





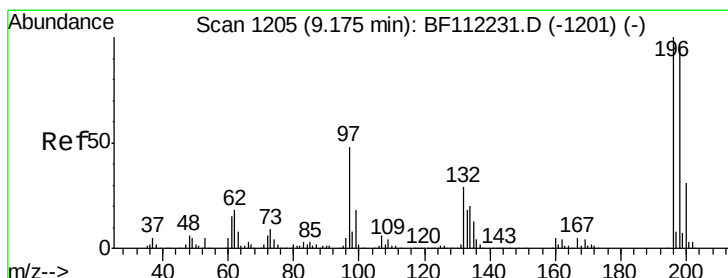
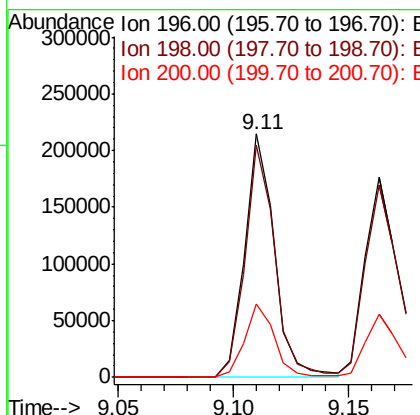
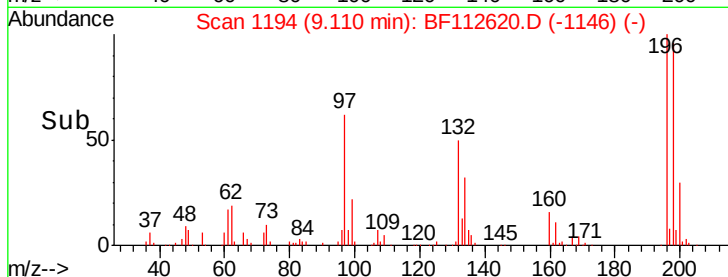
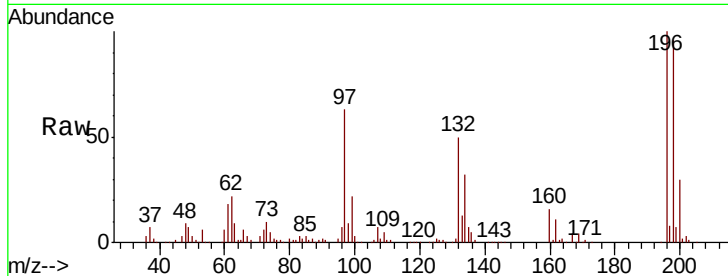
#43
 2,4,6-Trichlorophenol
 Concen: 46.555 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Instrument :
 BNA_F
 ClientSampled :
 TS-1MSD

Tot Ion:	196	Resp:	194096
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.4
200	30.2	24.3	36.5

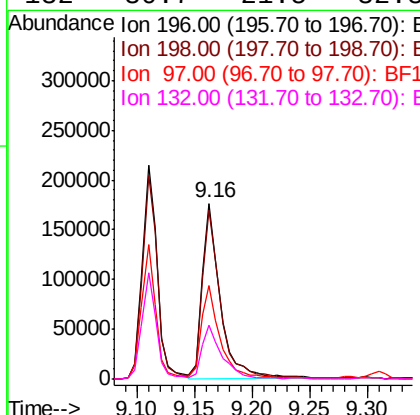
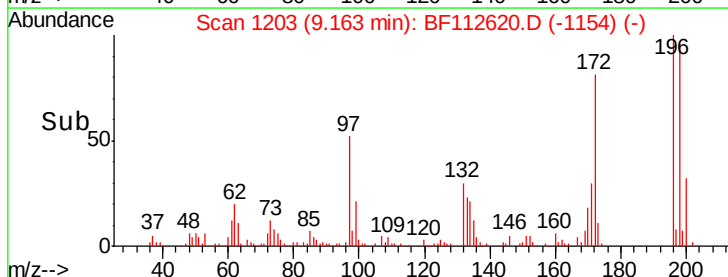
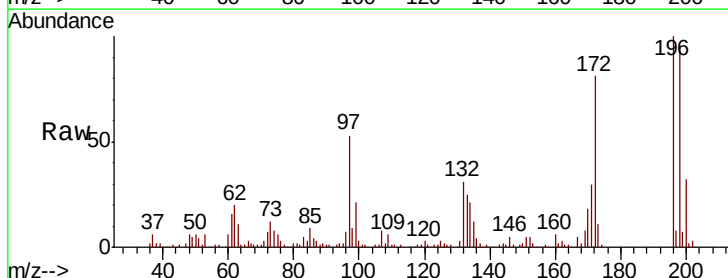
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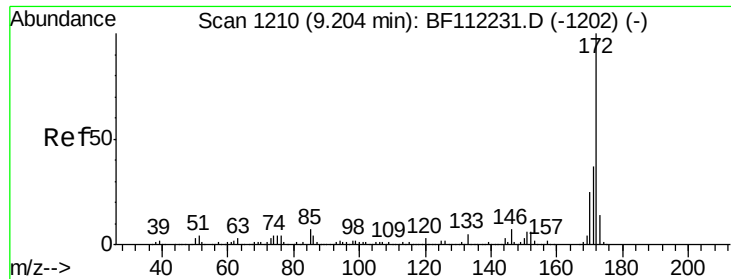
Sohil
 2/20/2019 11:12:45 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.842 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Tgt Ion:	196	Resp:	195391
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.0	114.0
97	53.1	36.4	54.6
132	30.7	21.5	32.3





#45

2-Fluorobiphenyl

Concen: 89.415 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

ClientSampleId :

TS-1MSD

Tot Ion:172 Resp: 1302311

Ion Ratio Lower Upper

172 100

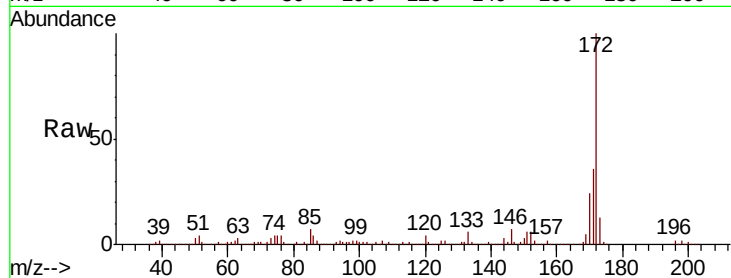
171 36.2 30.5 45.7

170 24.1 20.2 30.4

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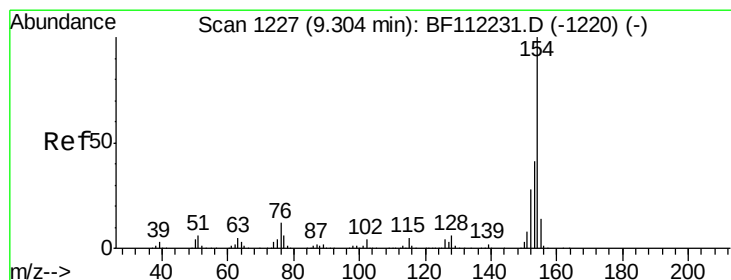
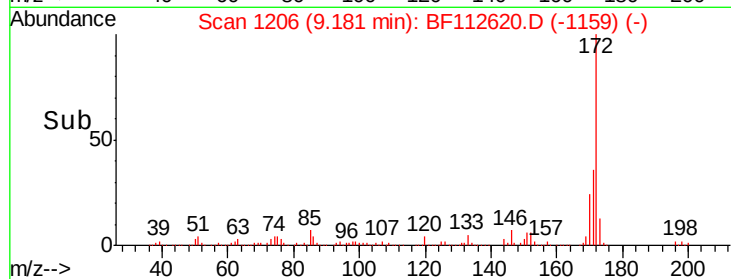
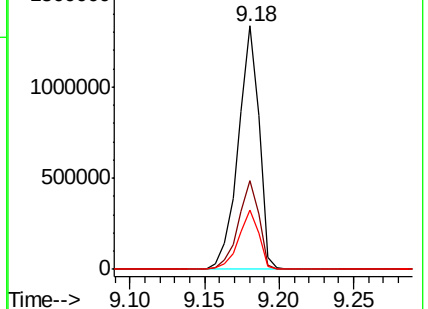
2/20/2019 11:12:45 AM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.171 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

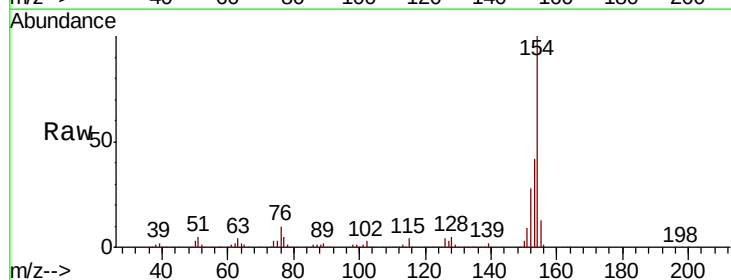
Tgt Ion:154 Resp: 849505

Ion Ratio Lower Upper

154 100

153 42.2 21.5 61.5

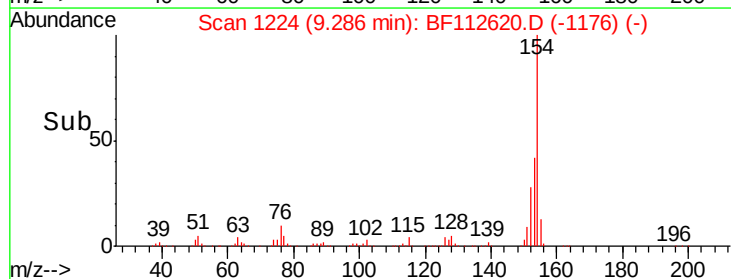
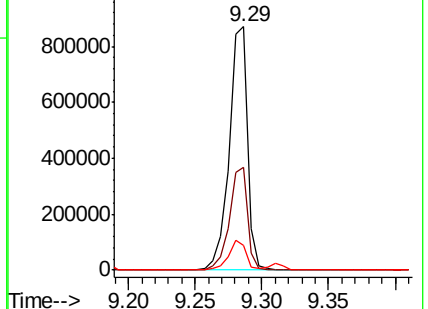
76 10.2 0.0 33.1

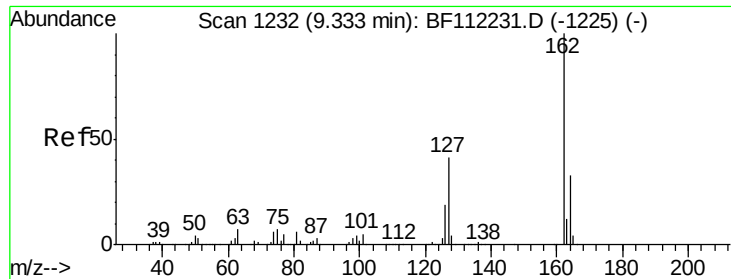


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





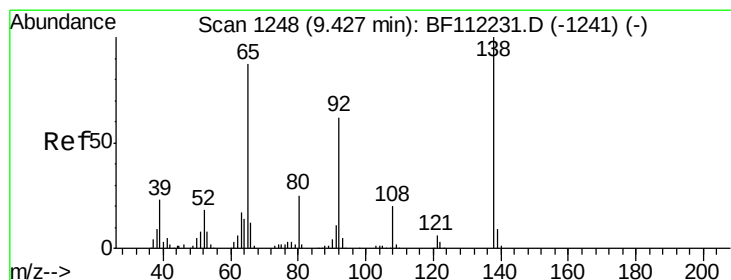
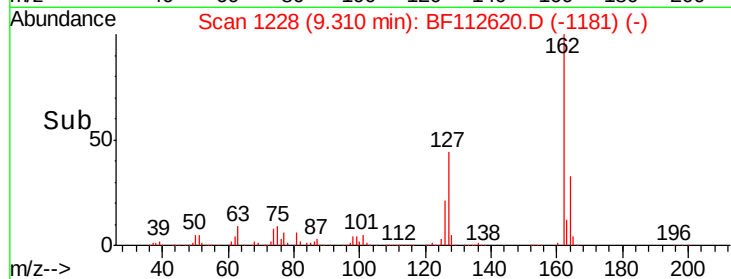
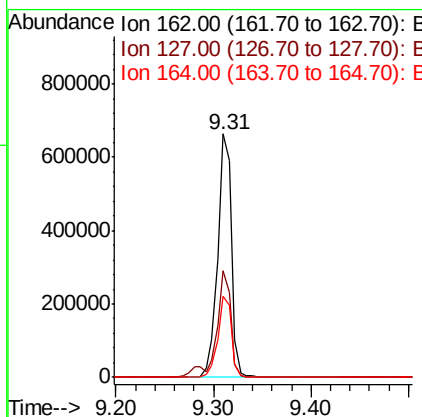
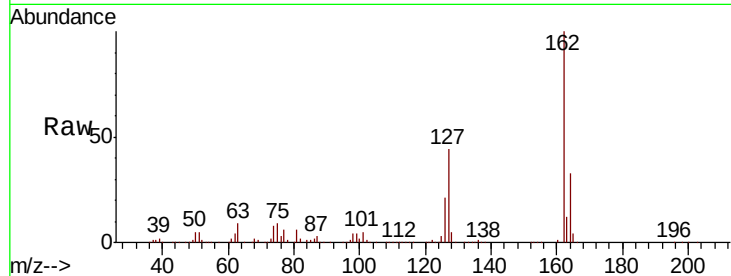
#47
 2-Chloronaphthalene
 Concen: 46.563 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Instrument :
 BNA_F
 ClientSampled :
 TS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	650273		
127	43.8		30.4	45.6
164	33.3		27.4	41.2

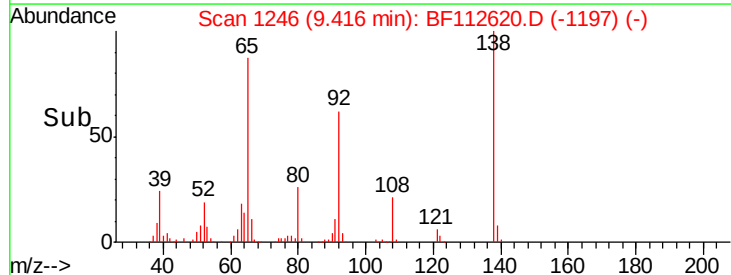
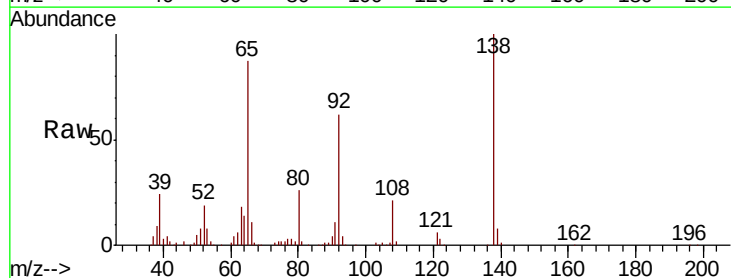
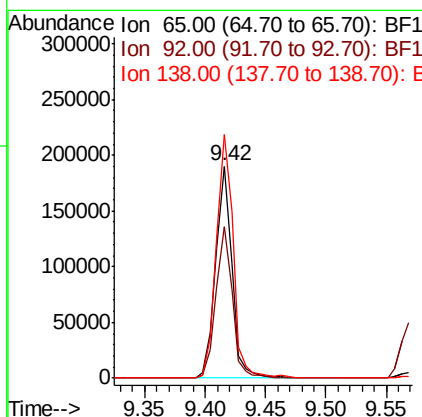
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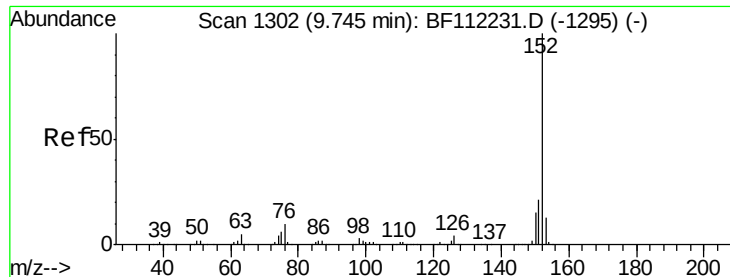
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#48
 2-Nitroaniline
 Concen: 46.224 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	175946		
92	71.8		60.4	90.6
138	114.9		104.4	156.6





#49

Acenaphthylene

Concen: 49.503 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

ClientSampled :

TS-1MSD

Tot Ion:152 Resp: 1013276

Ion Ratio Lower Upper

152 100

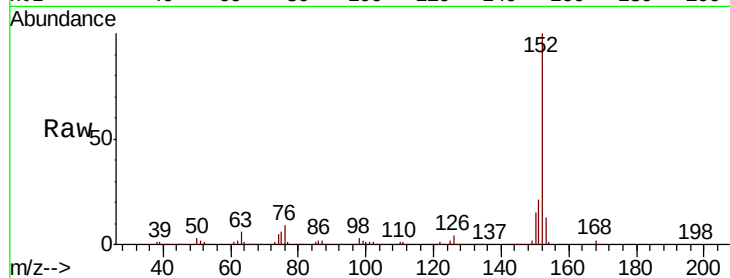
151 20.6 17.0 25.6

153 13.4 11.2 16.8

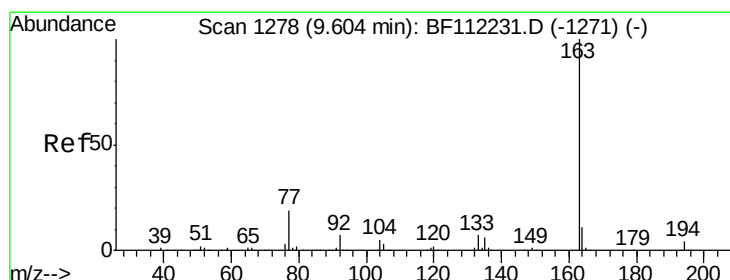
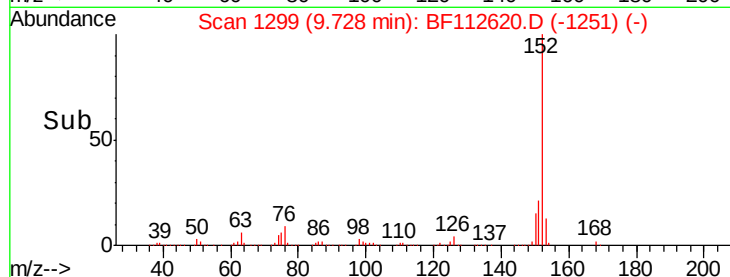
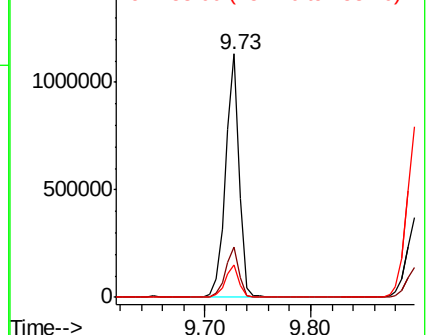
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.463 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

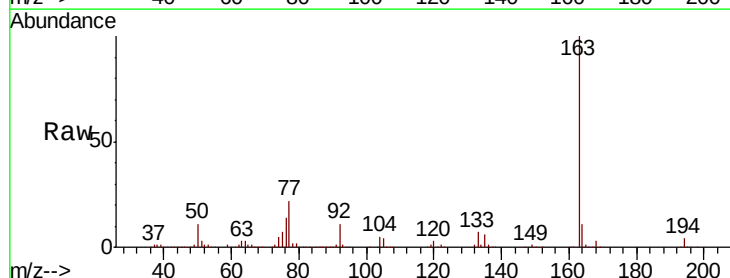
Tgt Ion:163 Resp: 839669

Ion Ratio Lower Upper

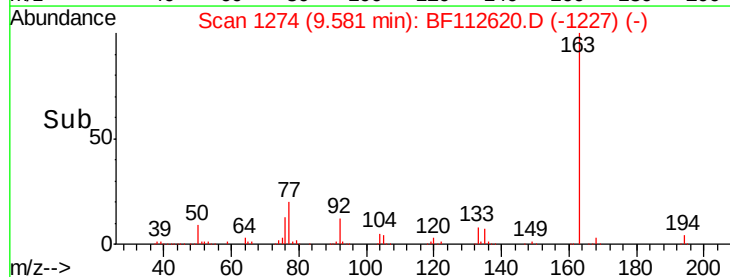
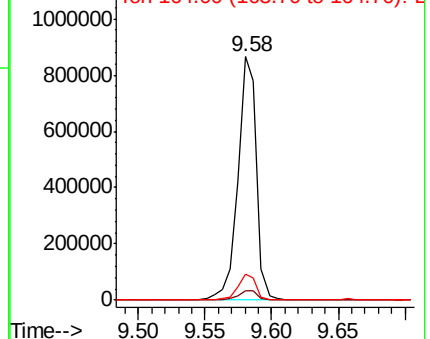
163 100

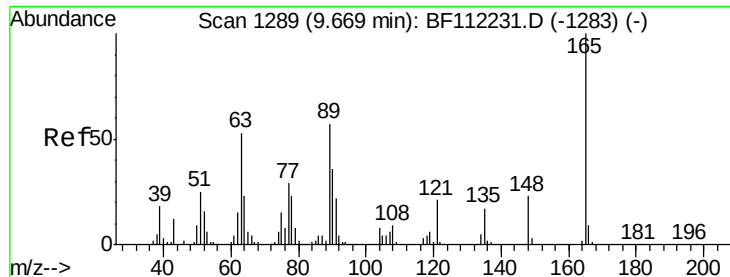
194 3.6 3.3 4.9

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.263 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

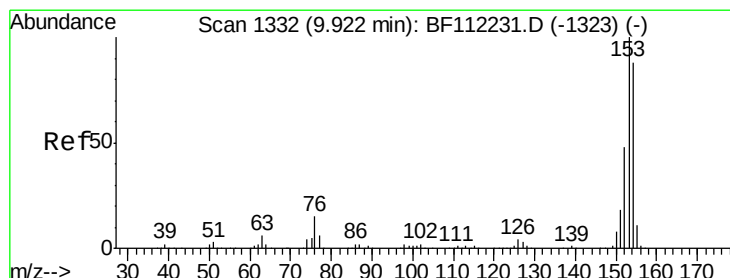
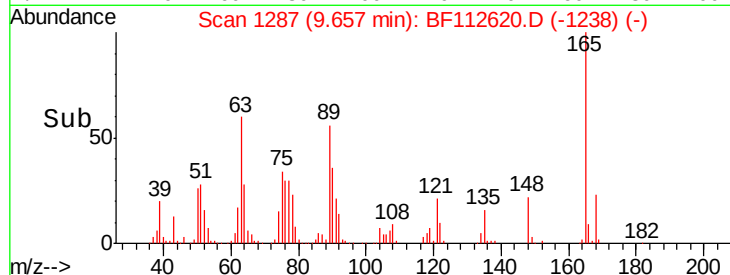
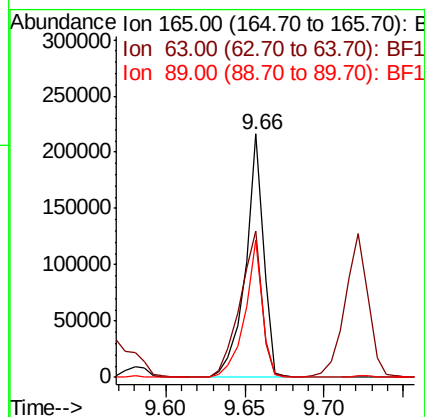
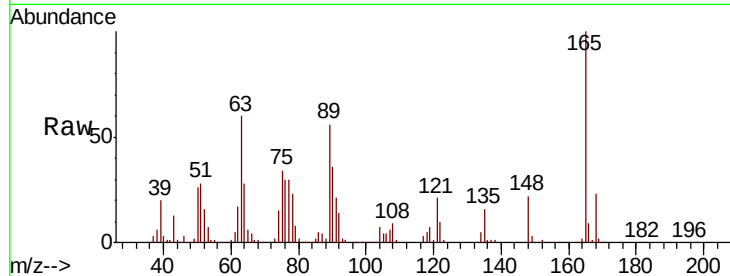
ClientSampleId :

TS-1MSD

Tot Ion:	165	Resp:	169412
Ion Ratio		Lower	Upper
165	100		
63	60.1	33.8	50.8#
89	56.3	36.9	55.3#

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#52

Acenaphthene

Concen: 48.649 ng

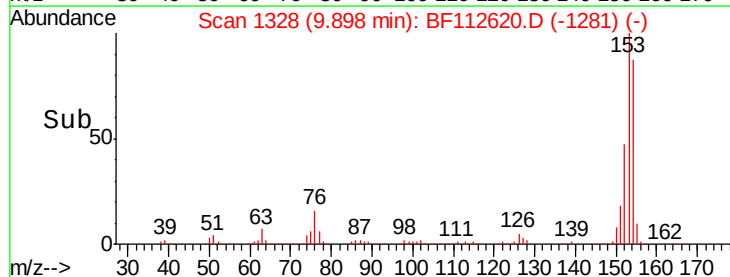
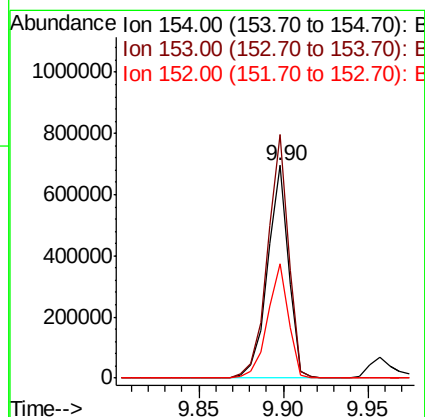
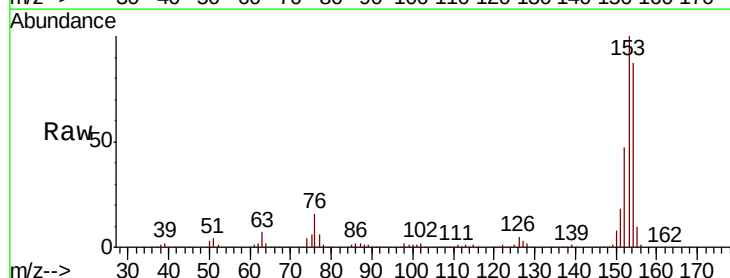
RT: 9.90 min Scan# 1328

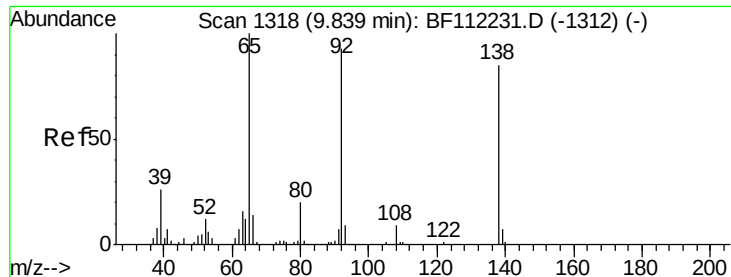
Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	154	Resp:	594862
Ion Ratio		Lower	Upper
154	100		
153	114.4	89.8	134.6
152	53.6	43.5	65.3





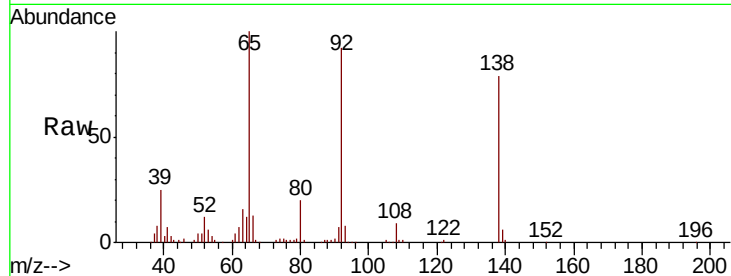
#53
3-Nitroaniline
Concen: 29.654 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

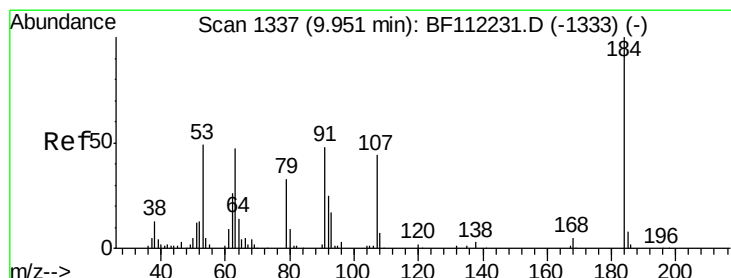
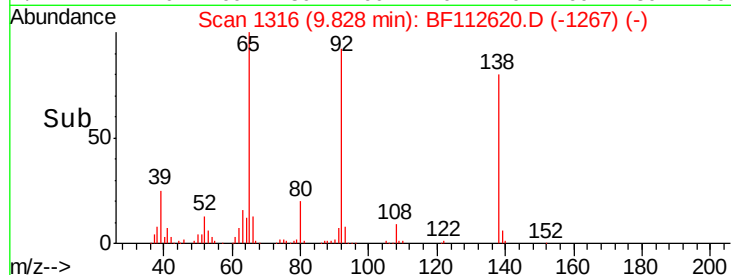
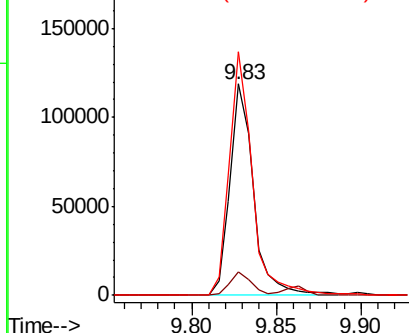
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.2	9.8	14.6	
92	115.3	79.4	119.2	

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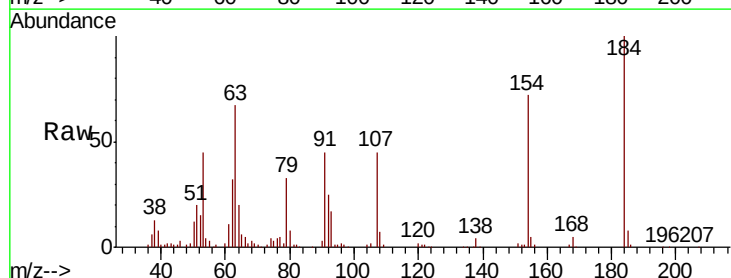


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

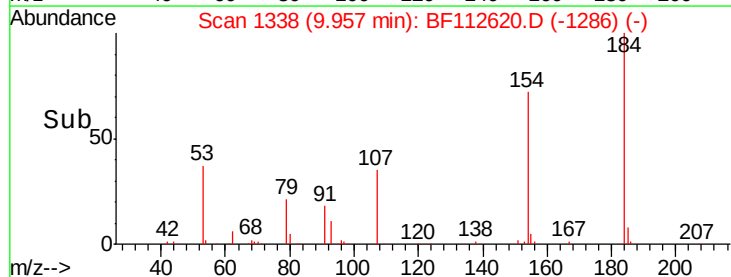
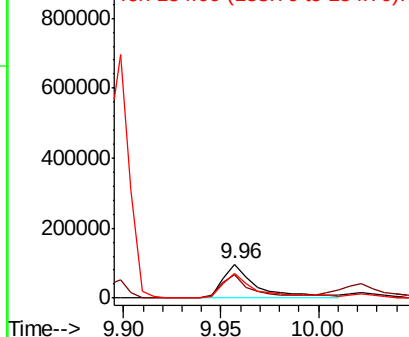


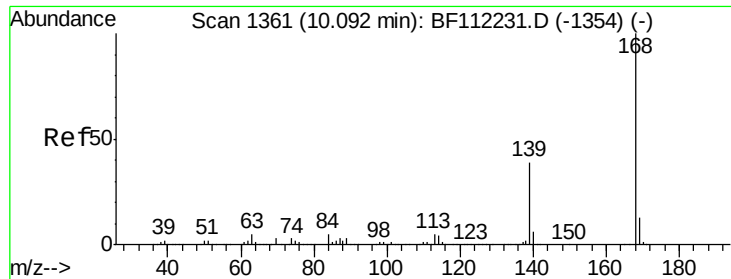
#54
2,4-Dinitrophenol
Concen: 102.476 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.0	47.1	70.7	
154	72.2	48.9	73.3	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





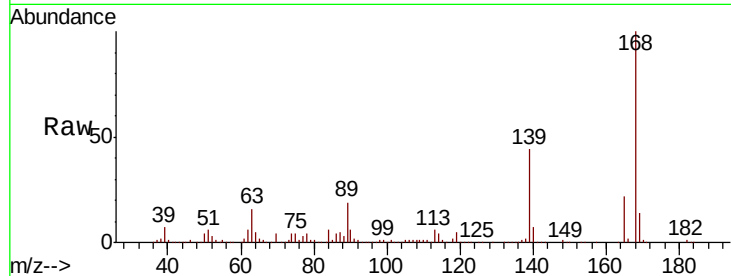
#55
Dibenzofuran
Concen: 47.018 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.9	29.2	43.8
169	13.8	11.4	17.0

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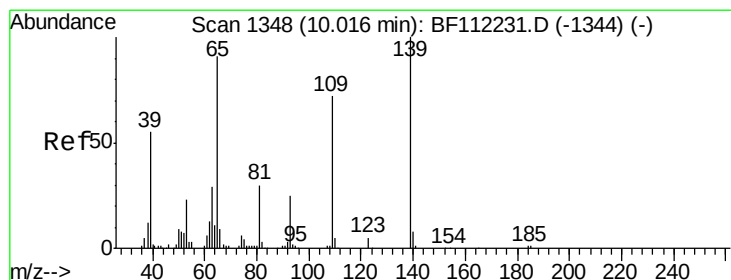
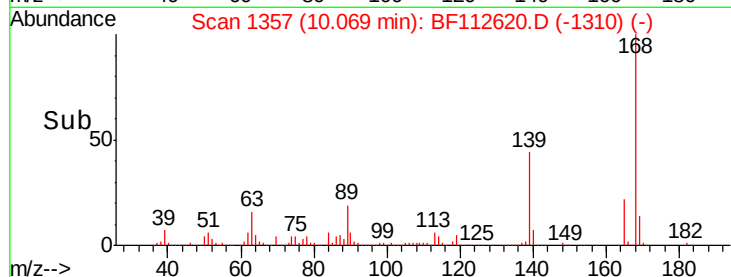
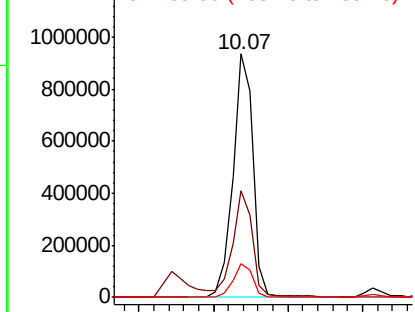


Abundance

Ion 168.00 (167.70 to 168.70): E

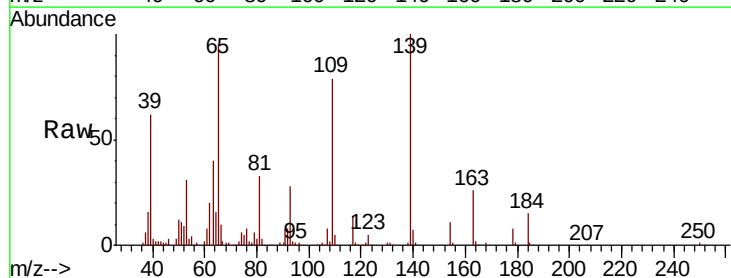
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 57.637 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.5	42.8	82.8
65	95.4	66.1	106.1

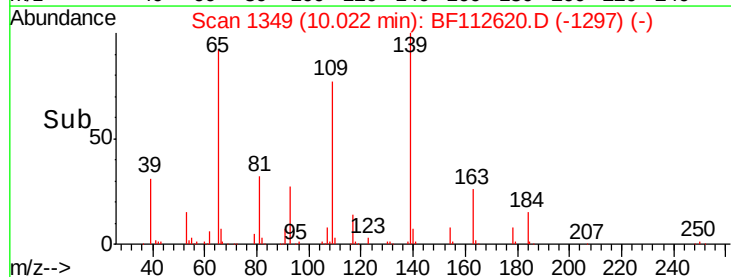
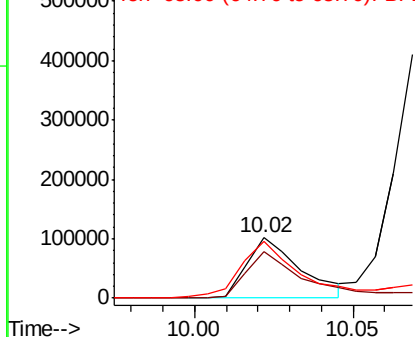


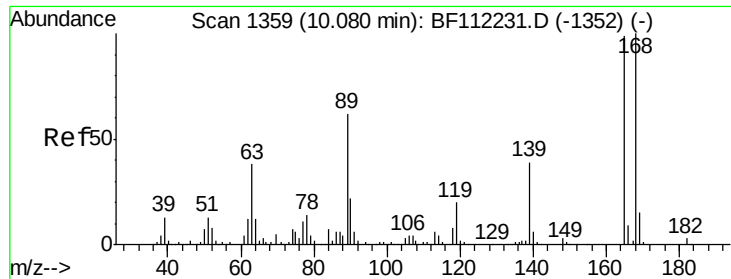
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





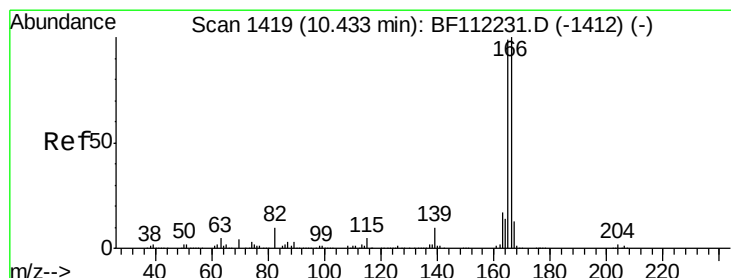
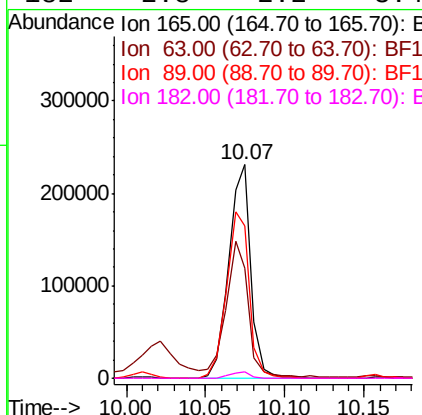
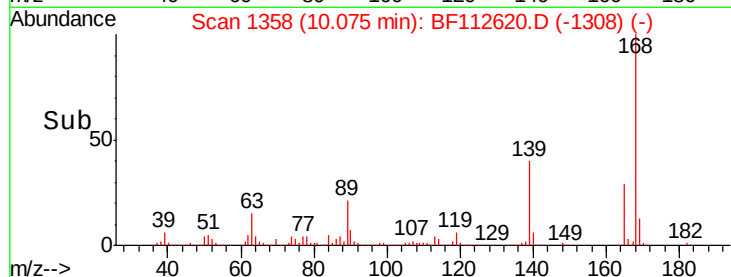
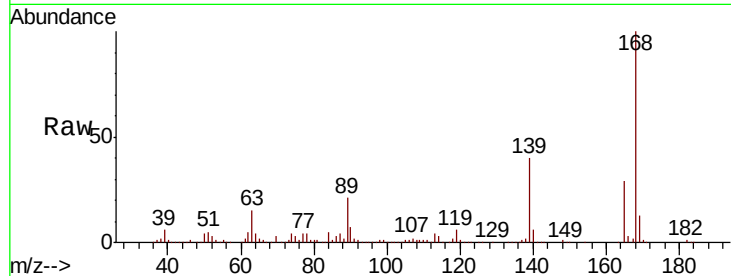
#57
2,4-Dinitrotoluene
Concen: 48.881 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	51.5	27.9	41.9#
89	71.5	47.9	71.9
182	2.8	2.2	3.4

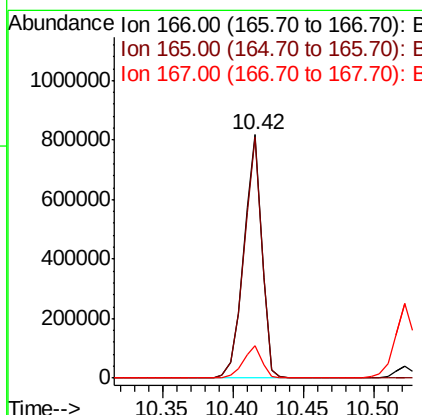
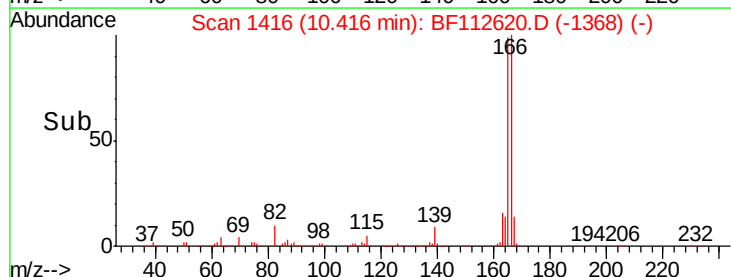
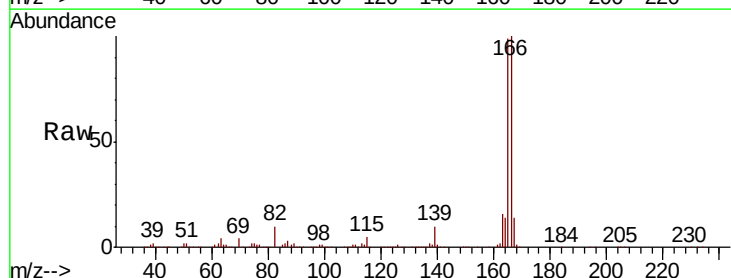
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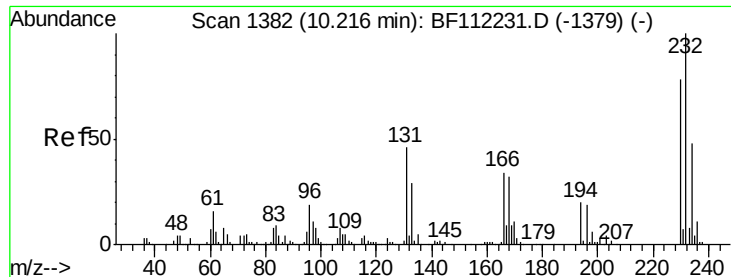
Sohil
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#58
Fluorene
Concen: 51.745 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.3	77.1	115.7
167	13.5	11.3	16.9





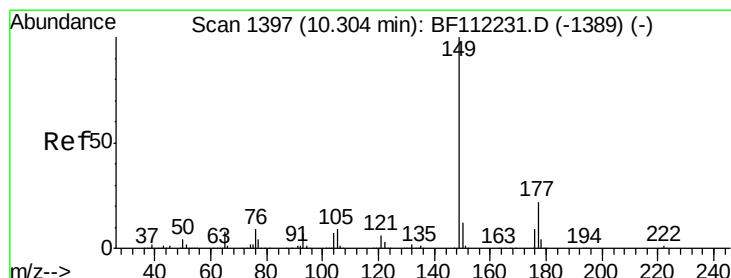
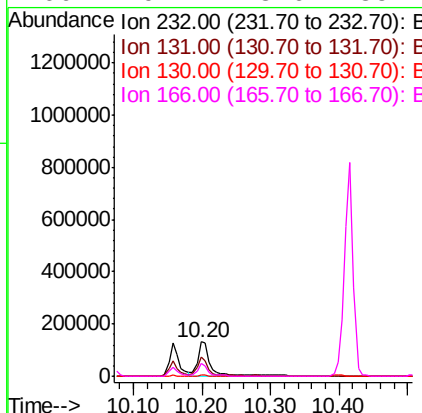
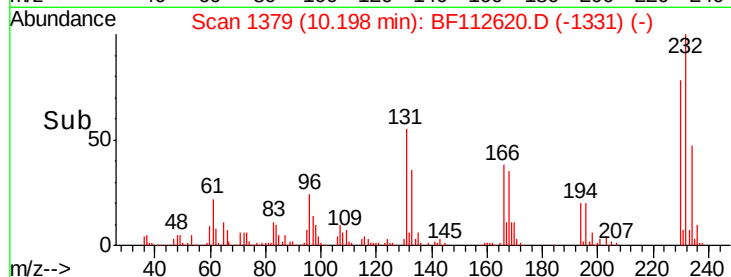
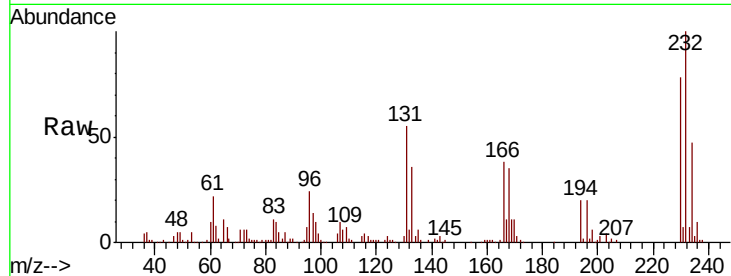
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.465 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.02 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	33.9	50.9
130	2.4	1.8	2.6
166	29.4	23.6	35.4

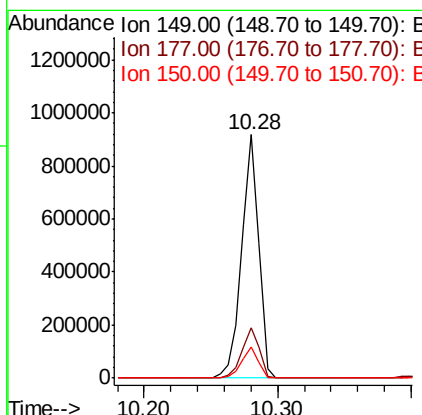
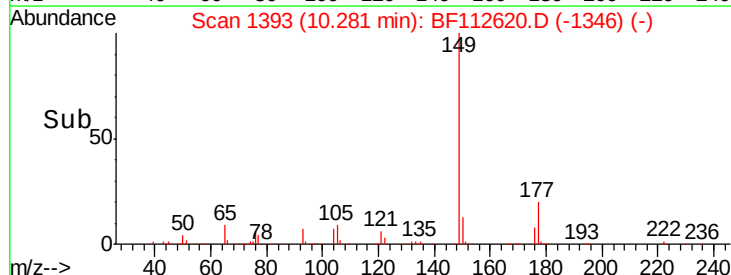
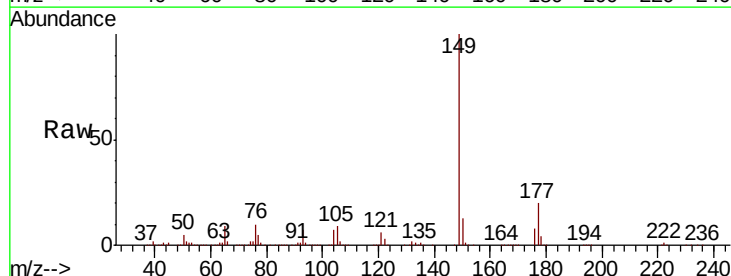
Manual Integrations
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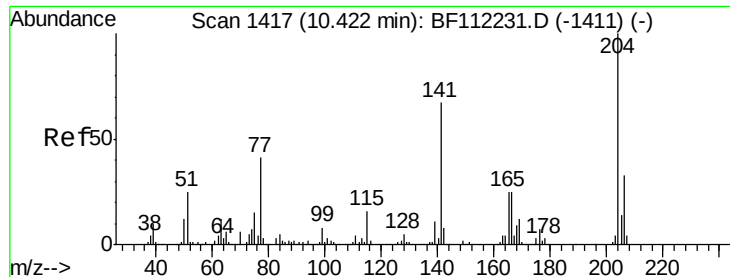
Sohil
 2/20/2019 11:12:45 AM



#60
 Diethylphthalate
 Concen: 51.506 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	18.2	27.2
150	12.7	10.4	15.6





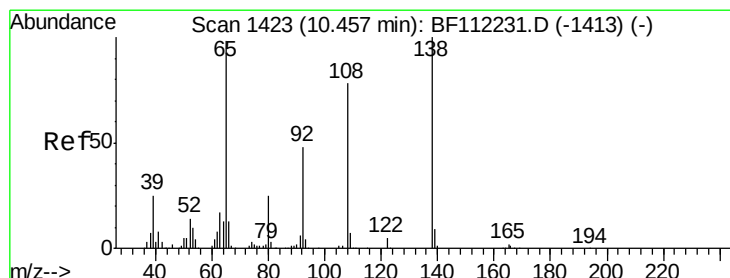
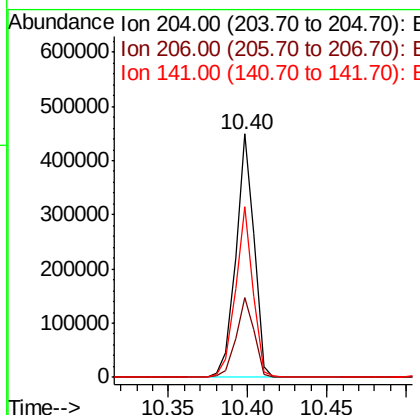
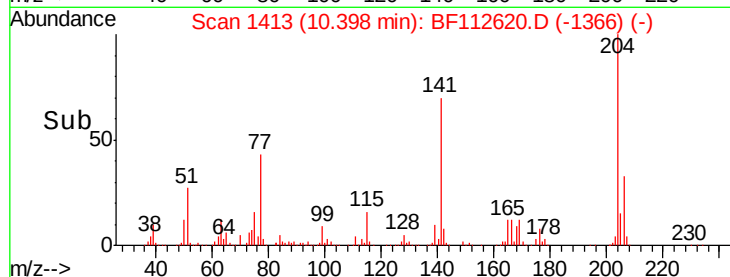
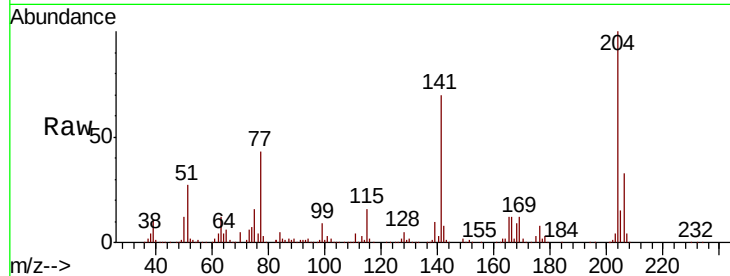
#61
4-Chlorophenyl-phenylether
Concen: 47.080 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	70.3	45.9	68.9

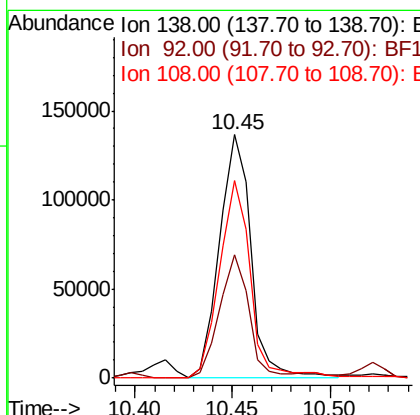
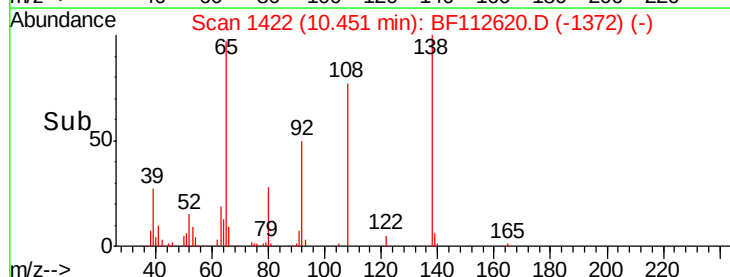
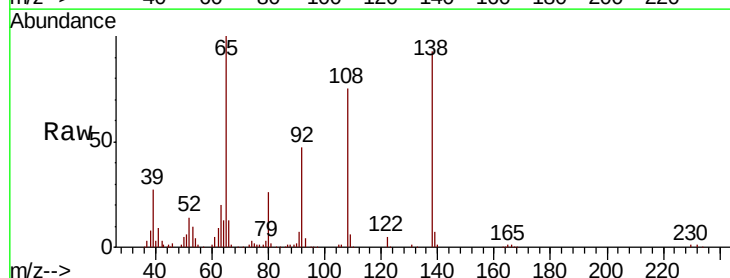
Manual Integrations
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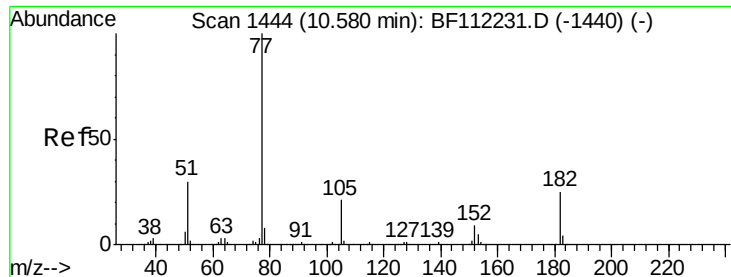
Sohil
2/20/2019 11:12:45 AM



#62
4-Nitroaniline
Concen: 39.586 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.6	70.6
108	80.9	50.0	90.0





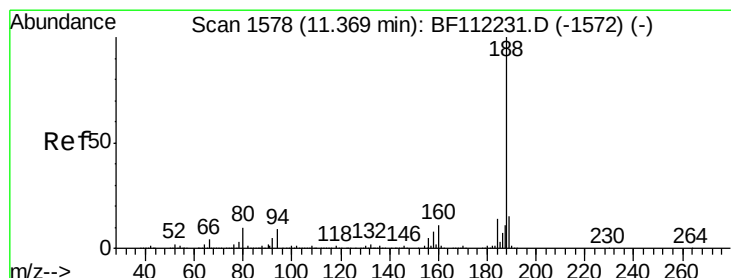
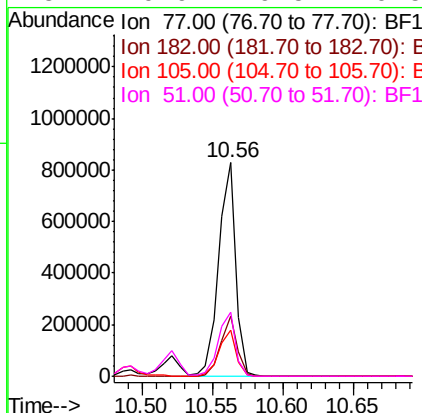
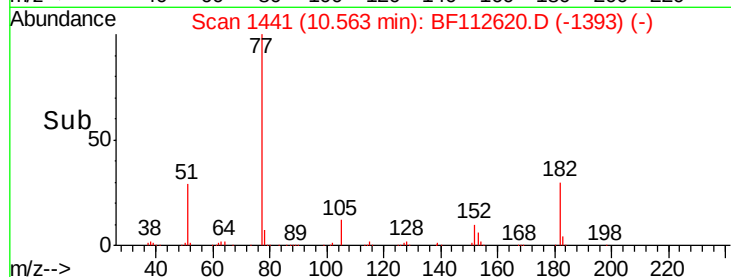
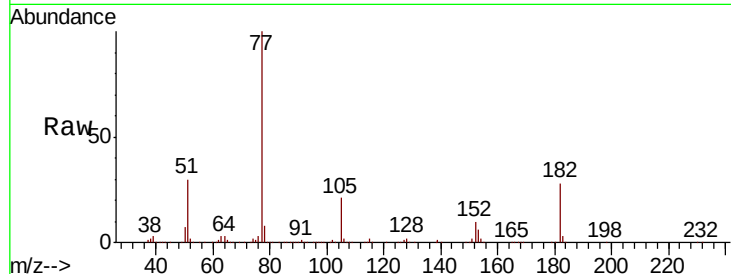
#63
Azobenzene
Concen: 49.829 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	5.7	45.7
105	21.5	1.4	41.4
51	29.9	9.5	49.5

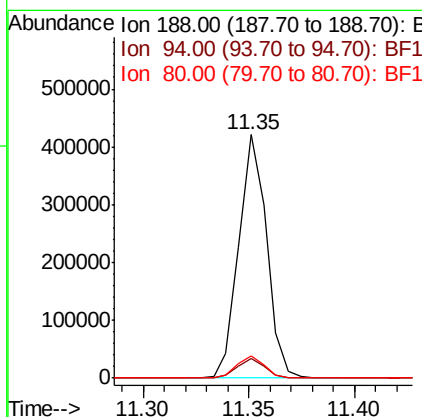
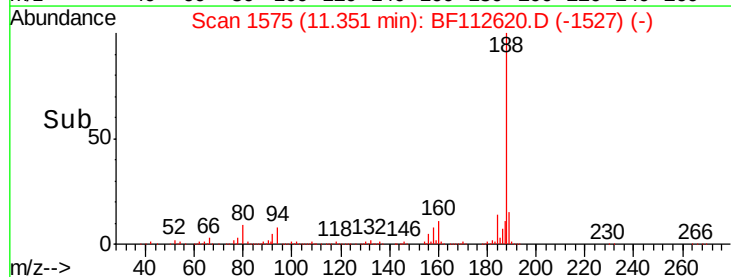
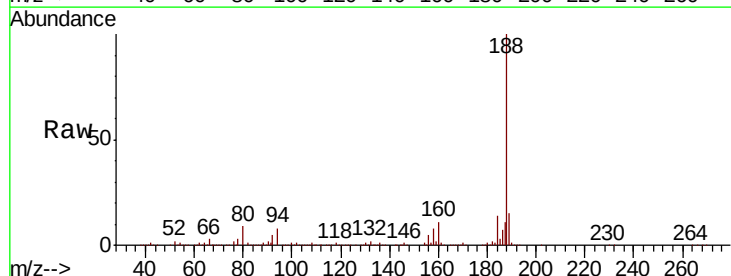
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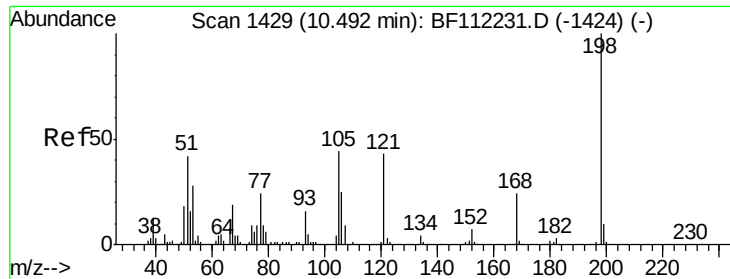
Sohil
2/20/2019 11:12:45 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	9.3	8.9	13.3





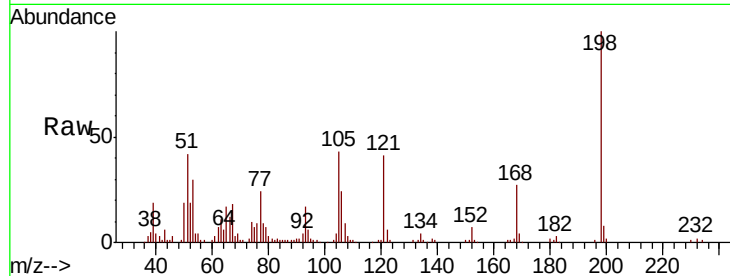
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.230 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Instrument :
 BNA_F
 ClientSampleId :
 TS-1MSD

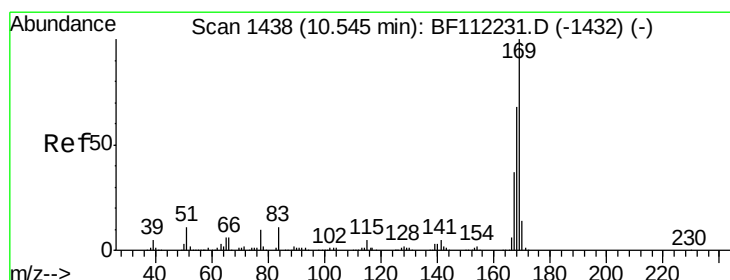
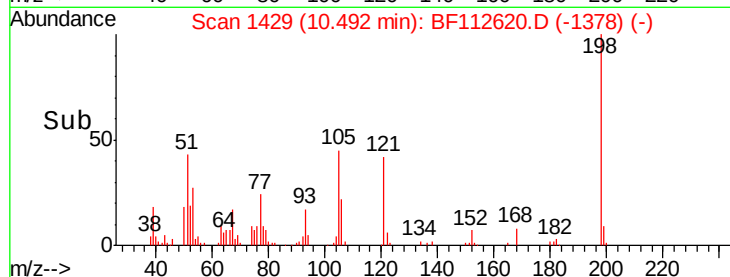
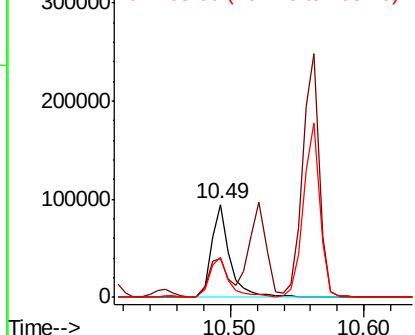
Tot Ion	Ratio	Resp	Lower	Upper
198	100	93149		
51	41.6	17.2	57.2	
105	43.4	21.9	61.9	

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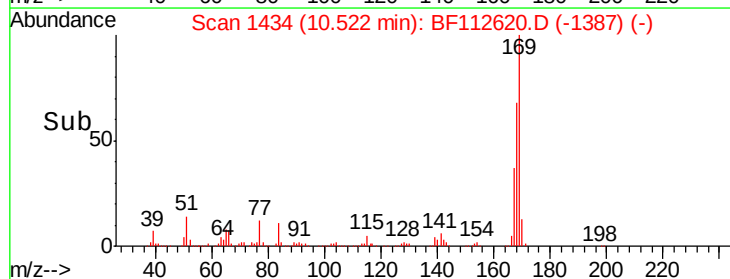
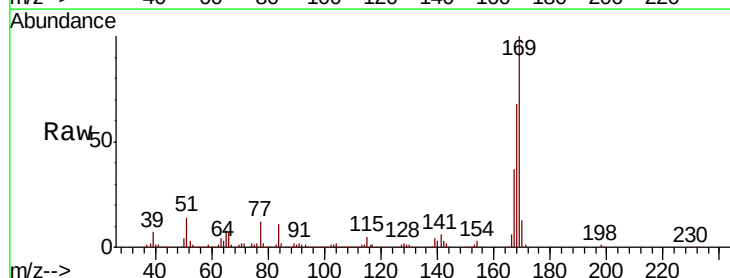
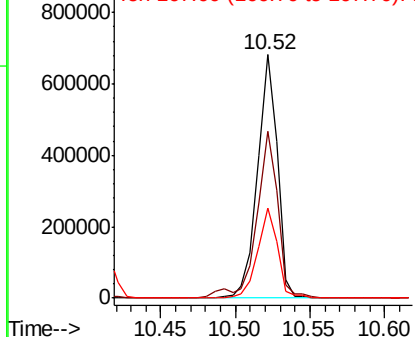
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

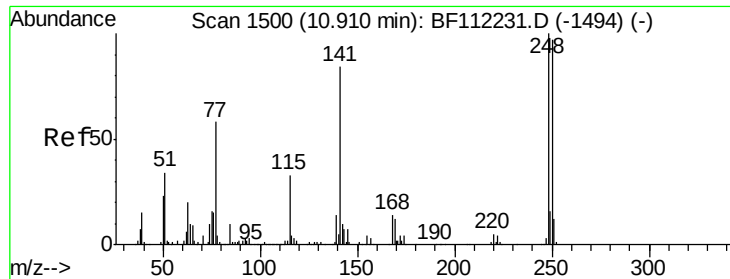


#66
 n-Nitrosodiphenylamine
 Concen: 47.888 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	620264		
168	68.3	53.9	80.9	
167	36.9	28.9	43.3	

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





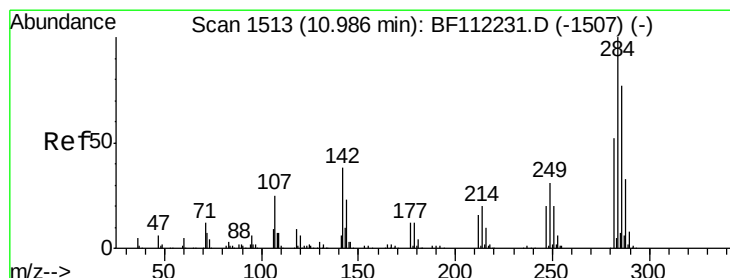
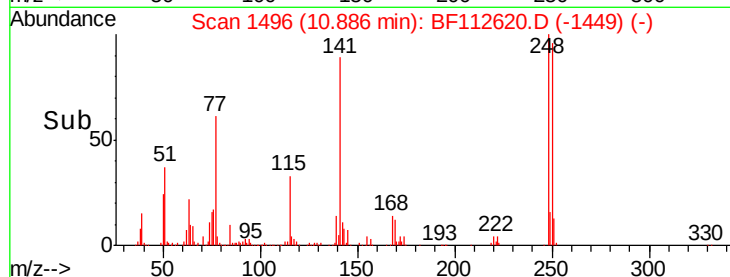
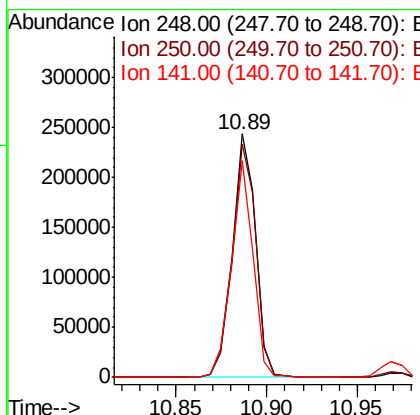
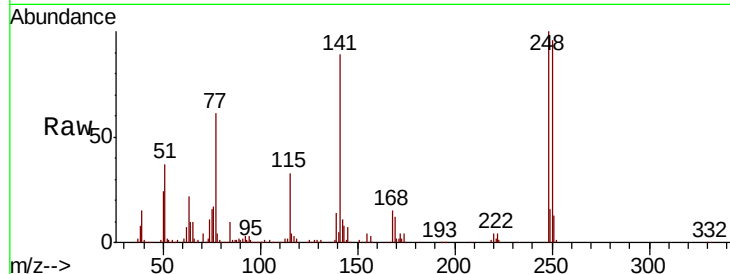
#67
4-Bromophenyl-phenylether
Concen: 48.104 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	79.7	119.5
141	88.9	60.3	90.5

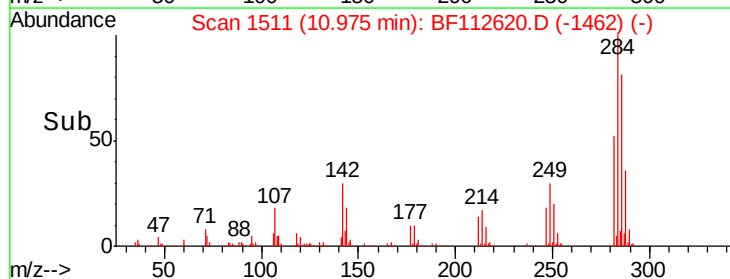
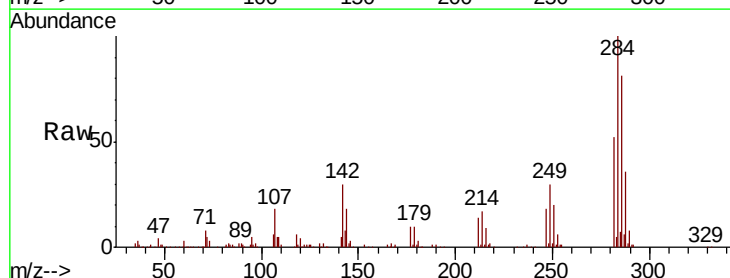
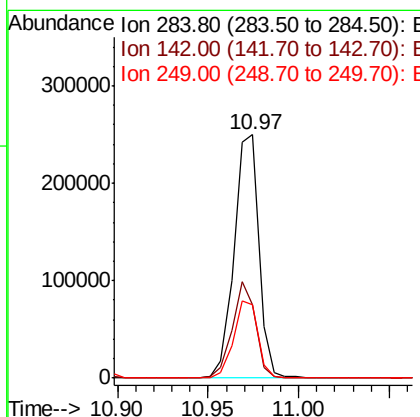
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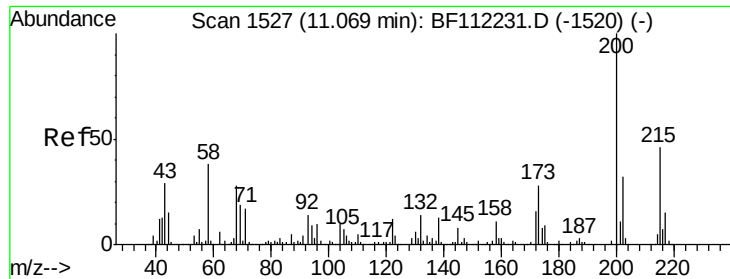
Sohil
2/20/2019 11:12:45 AM



#68
Hexachlorobenzene
Concen: 49.145 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	27.6	41.4
249	30.2	24.1	36.1





#69

Atrazine

Concen: 41.735 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

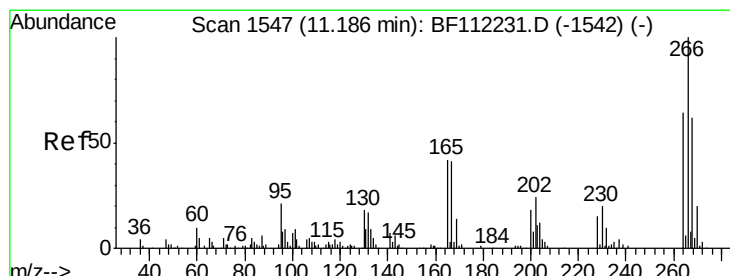
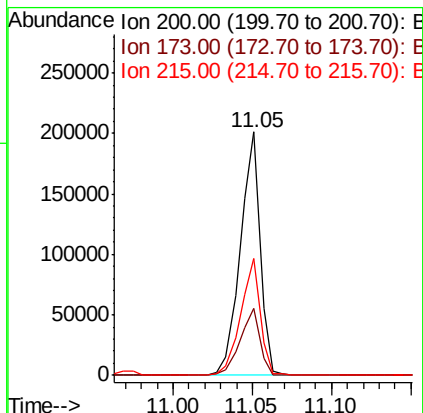
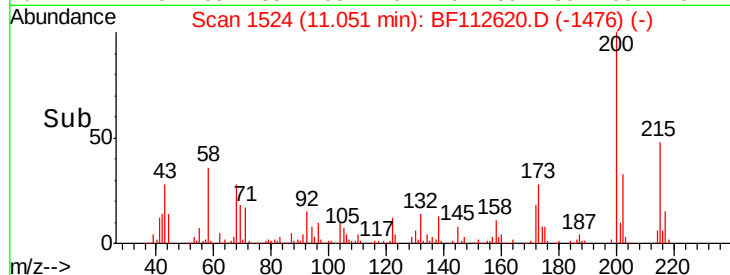
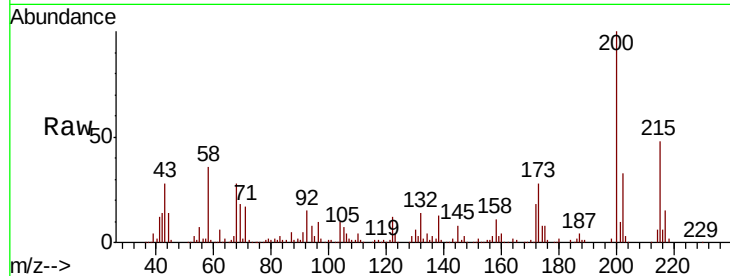
ClientSampled :

TS-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.1	47.1
215	47.9	30.4	70.4

Manual Integrations
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Sohil
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#70

Pentachlorophenol

Concen: 74.272 ng

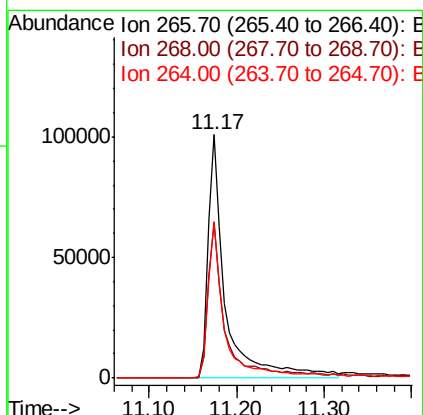
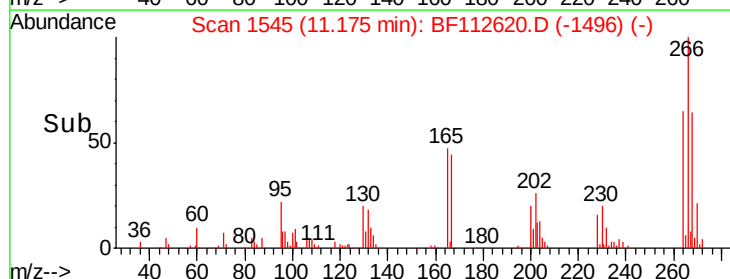
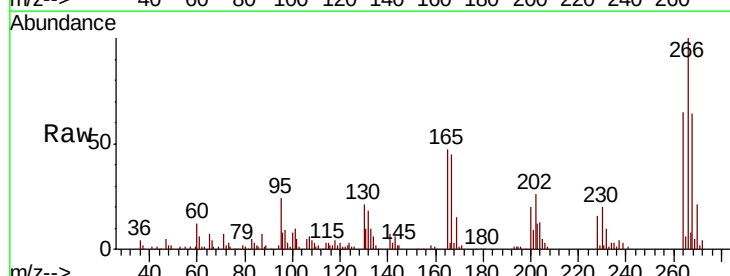
RT: 11.17 min Scan# 1545

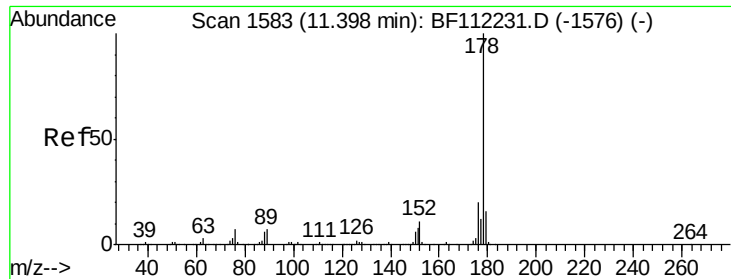
Delta R.T. -0.01 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.2	76.8
264	64.5	50.9	76.3





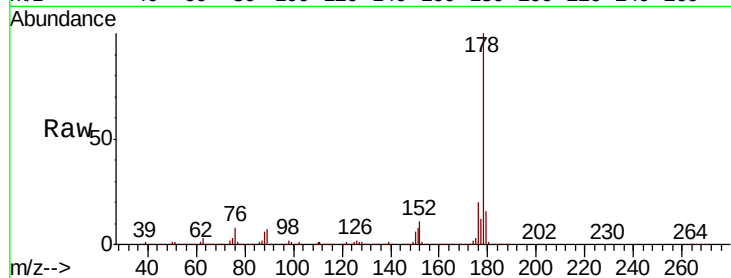
#71
Phenanthrene
Concen: 50.060 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.8	13.0	19.4

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2/20/2019 11:12:45 AM

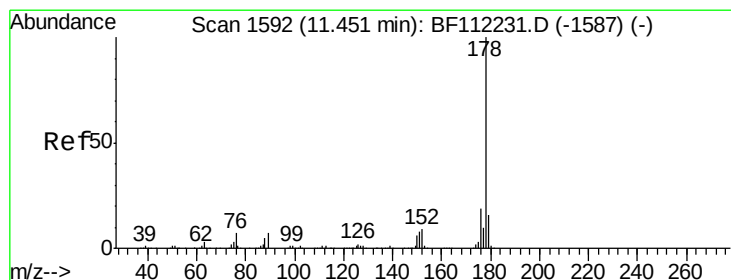
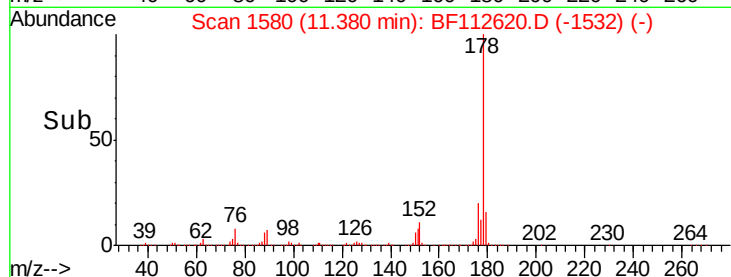
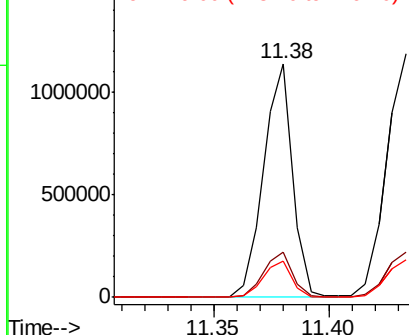


Abundance

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: 52.359 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

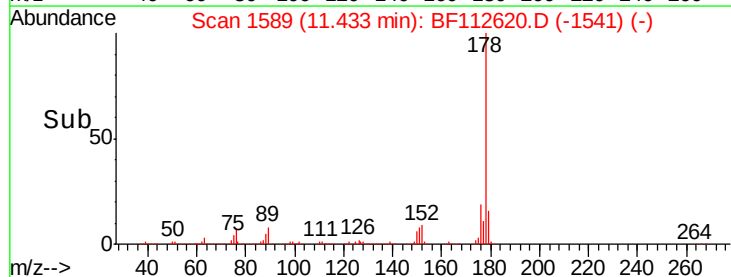
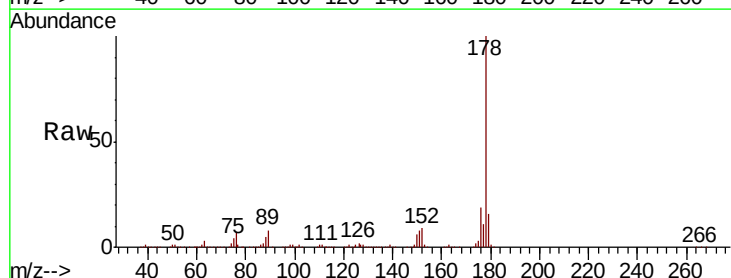
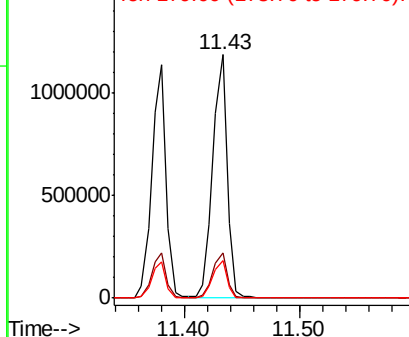
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.5	12.8	19.2

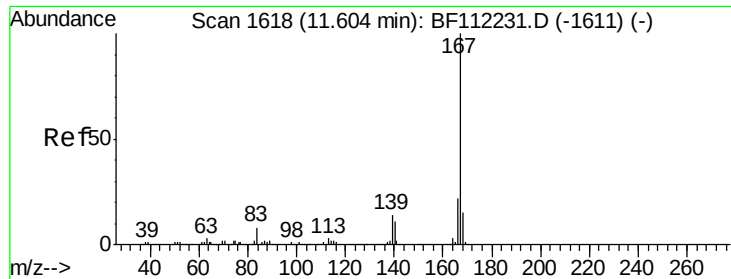
Abundance

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





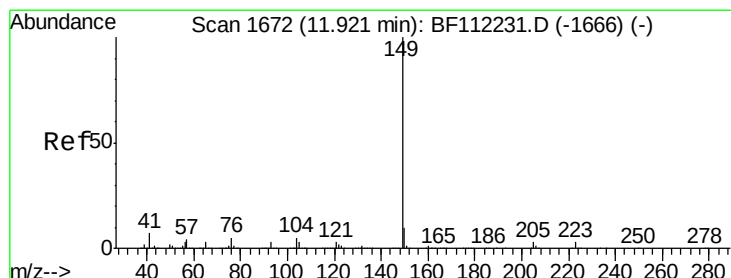
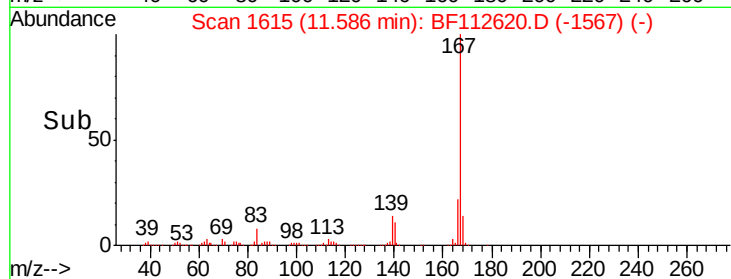
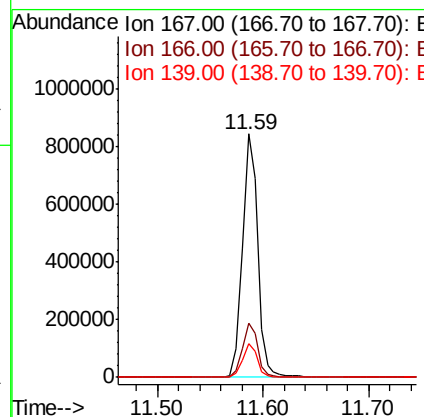
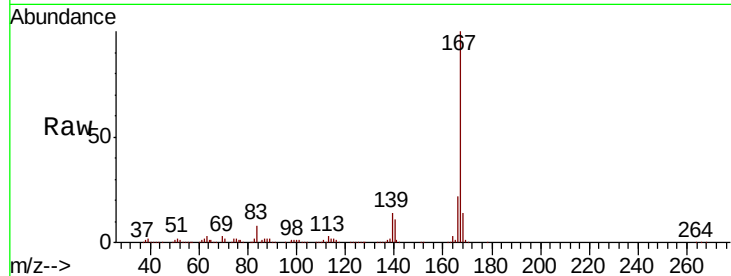
#73
 Carbazole
 Concen: 42.351 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Instrument :
 BNA_F
 ClientSampled :
 TS-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.9	10.2	15.2

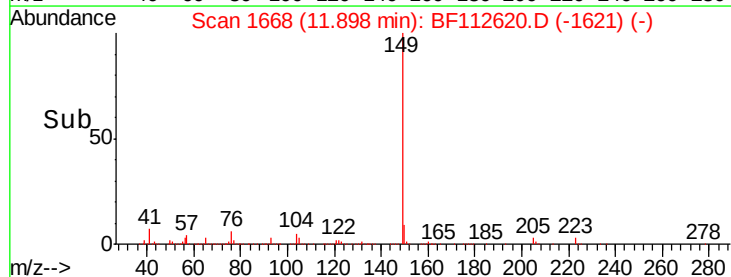
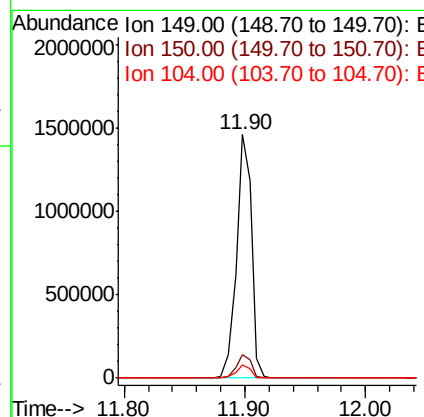
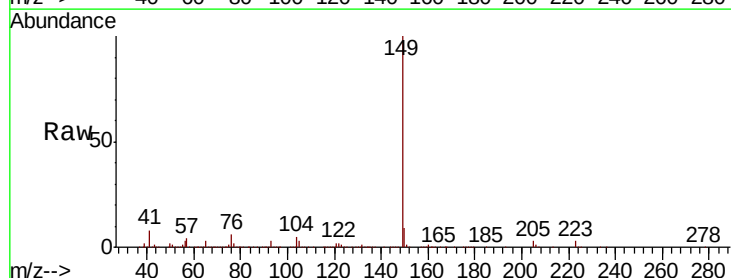
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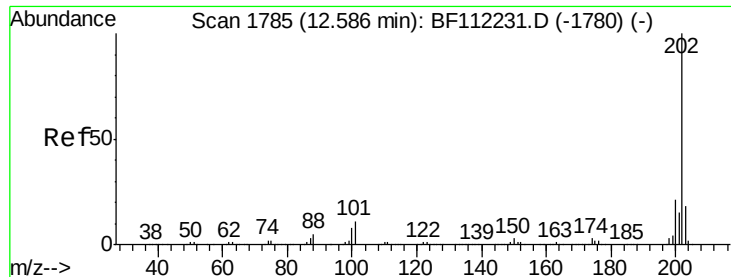
Sohil
 2/20/2019 11:12:45 AM



#74
 Di-n-butylphthalate
 Concen: 51.459 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF112620.D
 Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	5.4	3.9	5.9





#75

Fluoranthene

Concen: 45.291 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

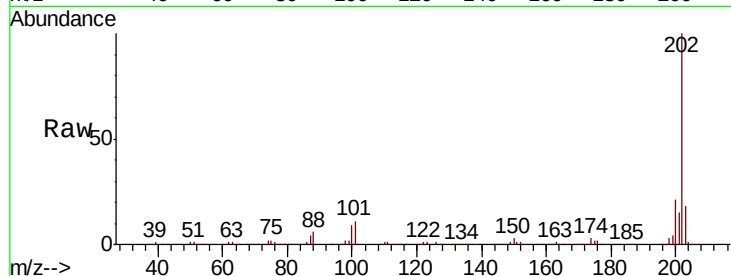
ClientSampled :

TS-1MSD

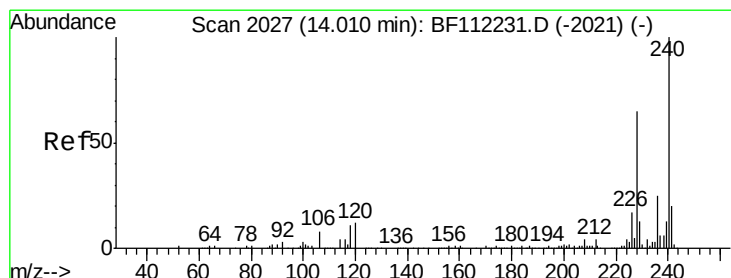
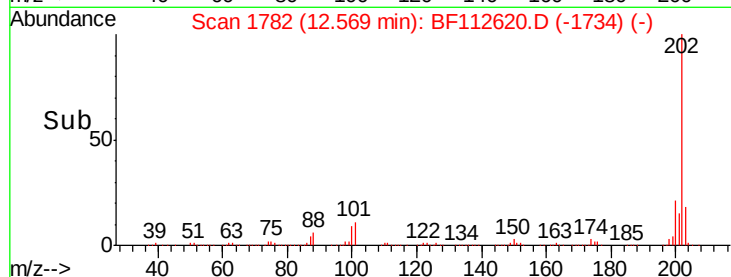
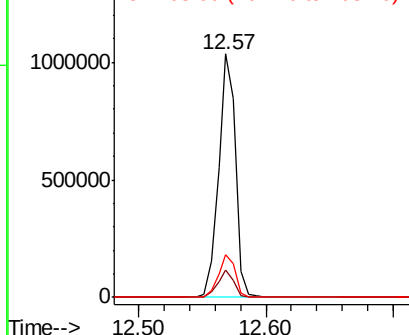
Tot Ion	Ratio	Resp	Lower	Upper
202	100	970574		
101	11.5	0.0	31.8	
203	17.7	0.0	38.4	

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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: 14.00 min Scan# 2025

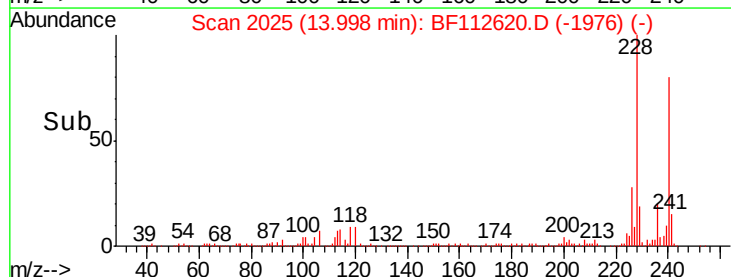
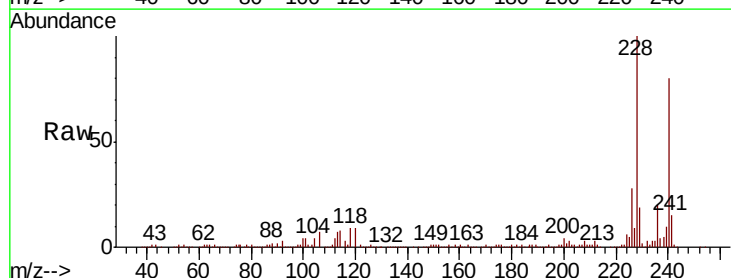
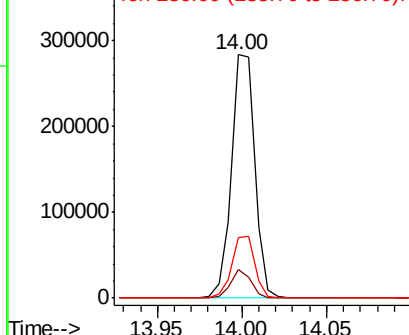
Delta R.T. -0.01 min

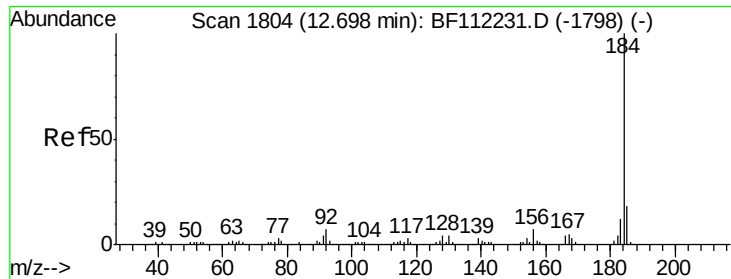
Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	271299		
120	11.6	9.0	13.6	
236	24.7	20.7	31.1	

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: 69.331 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

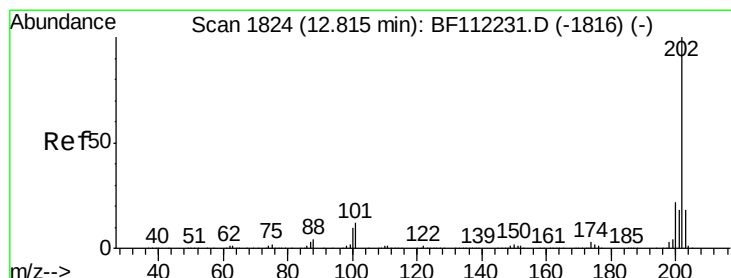
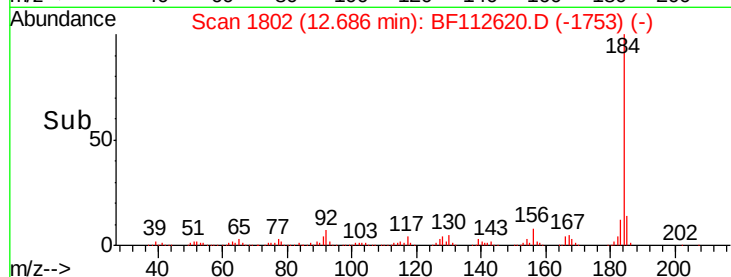
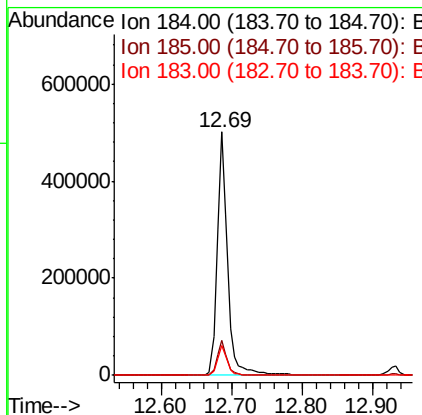
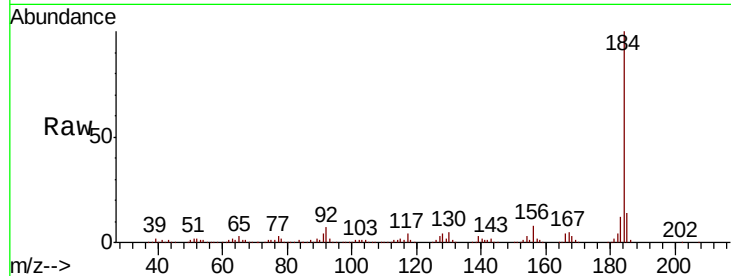
ClientSampleId :

TS-1MSD

Tot Ion:	184	Resp:	517703
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.9	20.9
183	12.5	10.0	15.0

Manual Integrations
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#78

Pyrene

Concen: 50.912 ng

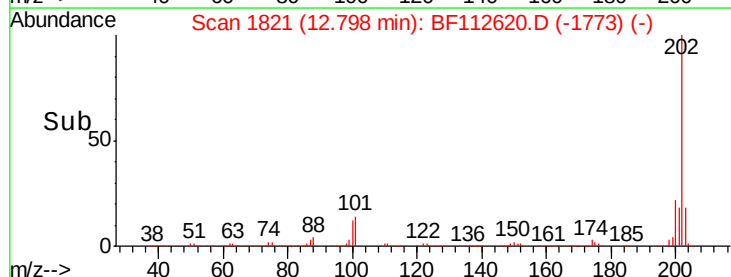
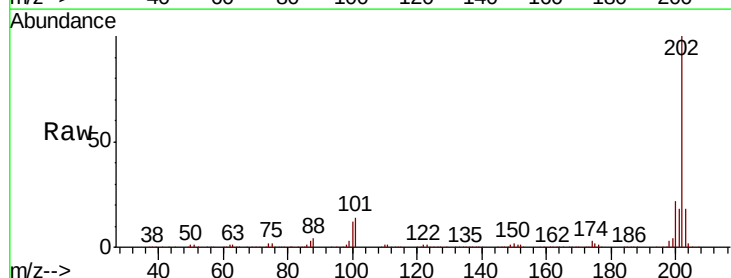
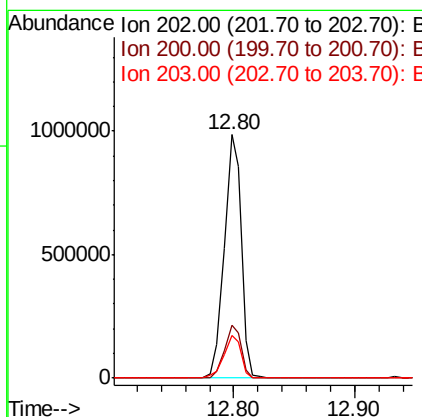
RT: 12.80 min Scan# 1821

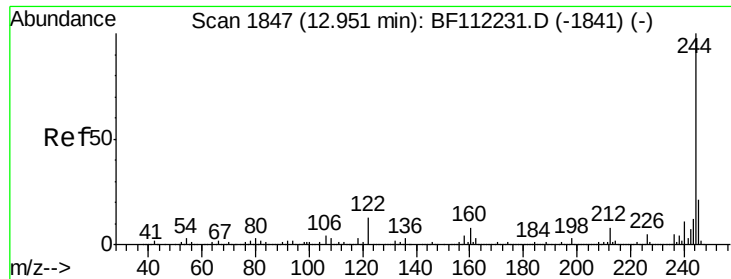
Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	202	Resp:	956287
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	17.5	14.6	22.0





#79

Terphenyl-d14

Concen: 86.092 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

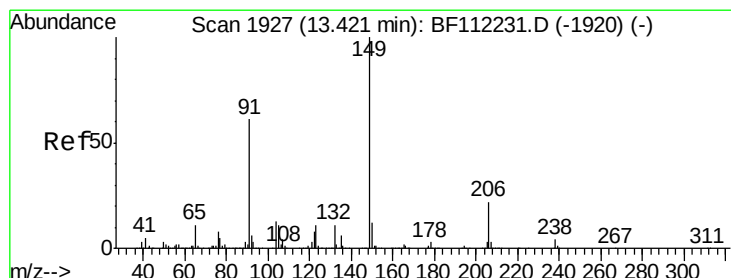
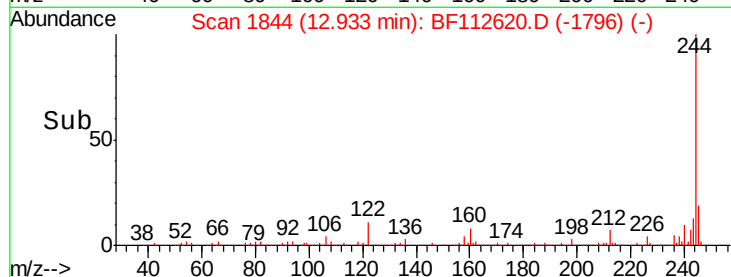
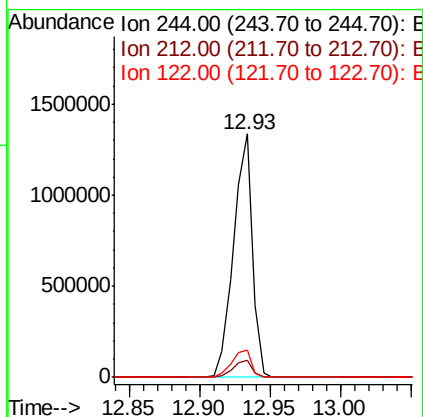
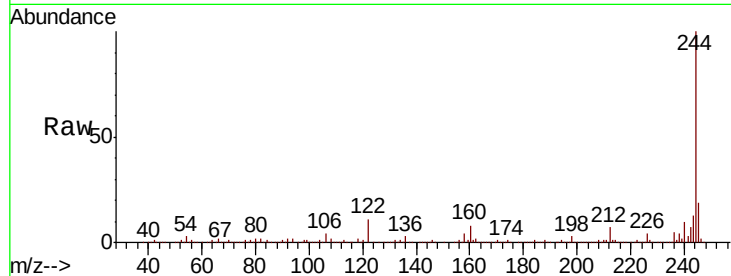
ClientSampleId :

TS-1MSD

Tot Ion:	244	Resp:	1240107
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.0	9.8	14.6

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#80

Butylbenzylphthalate

Concen: 51.947 ng

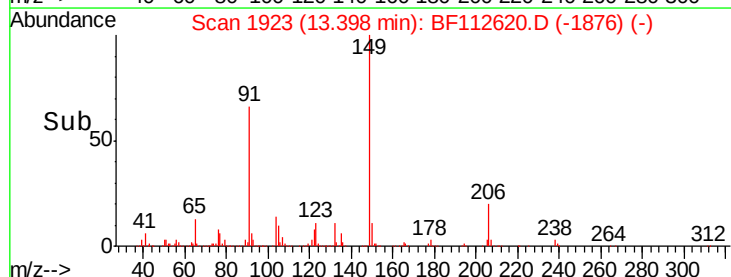
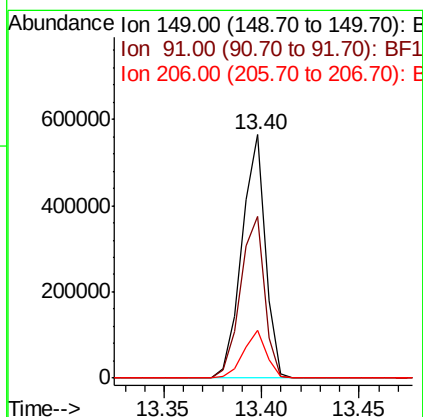
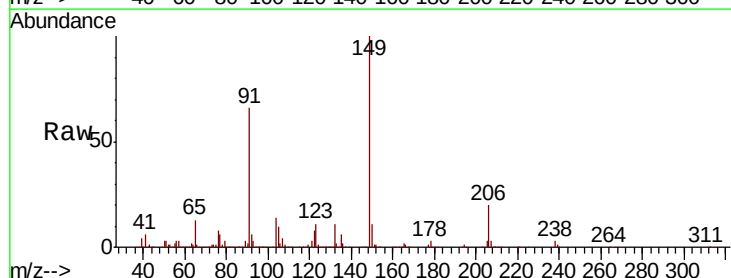
RT: 13.40 min Scan# 1923

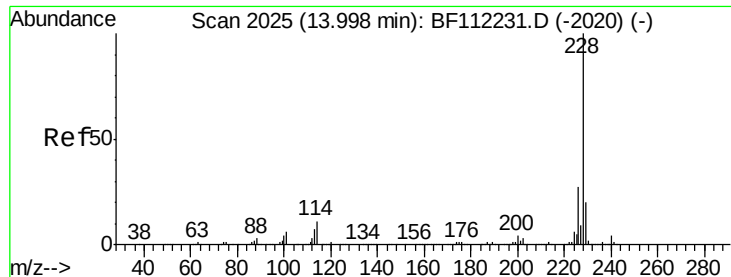
Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	149	Resp:	472074
Ion	Ratio	Lower	Upper
149	100		
91	66.3	50.3	75.5
206	19.7	18.2	27.4





#81

Benzo(a)anthracene

Concen: 50.988 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

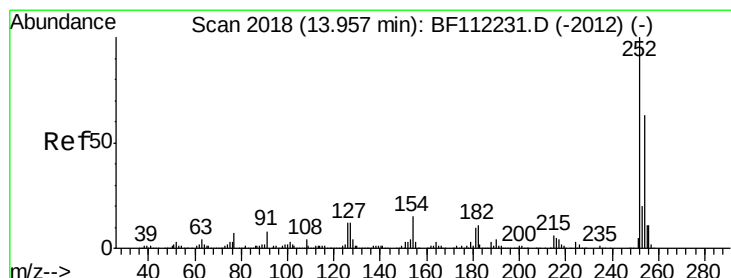
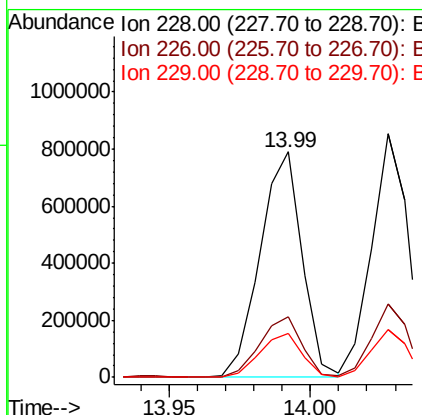
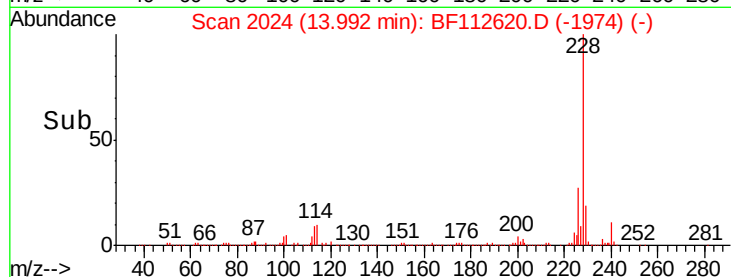
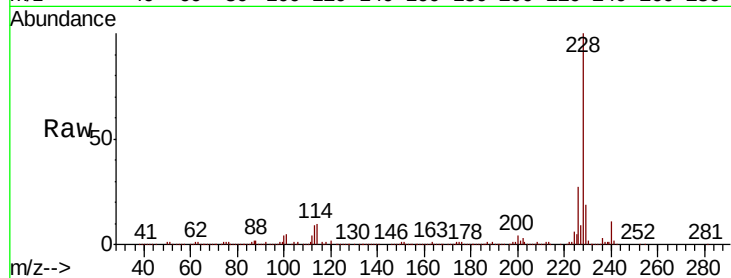
ClientSampled :

TS-1MSD

Tot Ion:	228	Resp:	813183
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.6	34.0
229	19.4	16.5	24.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 38.267 ng

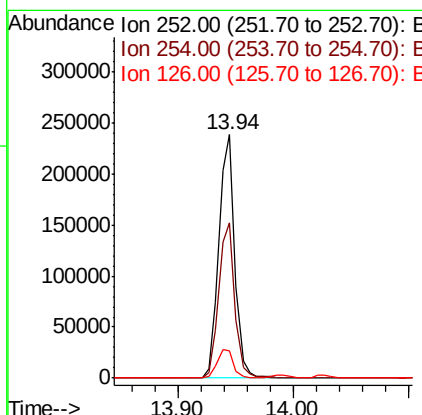
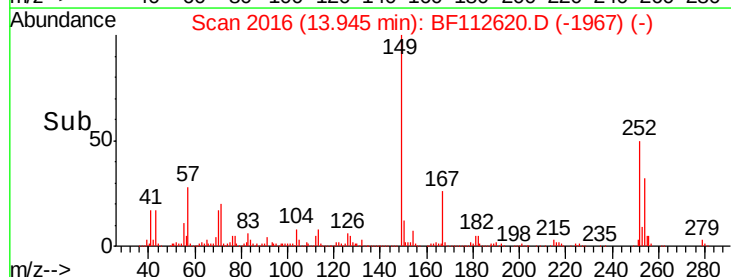
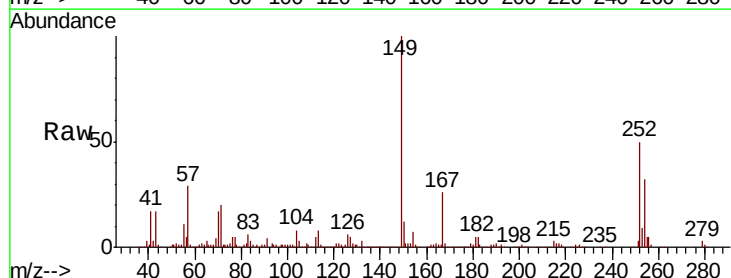
RT: 13.94 min Scan# 2016

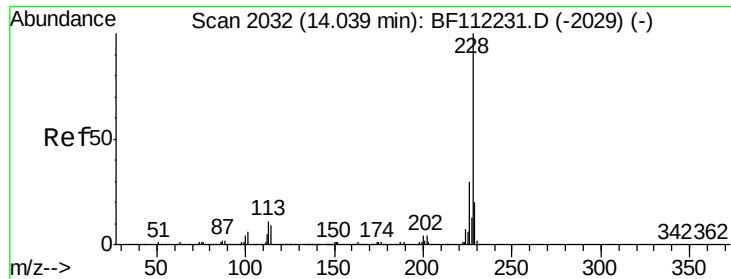
Delta R.T. -0.01 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	252	Resp:	228403
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.6	77.4
126	11.0	8.6	12.8





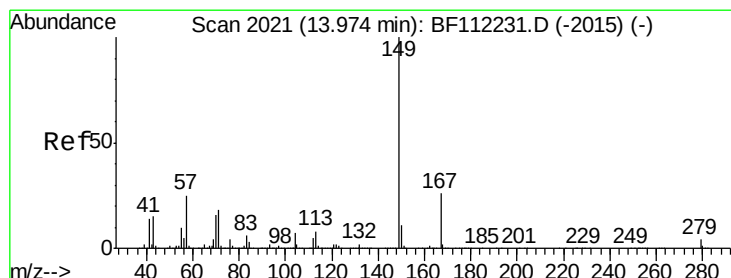
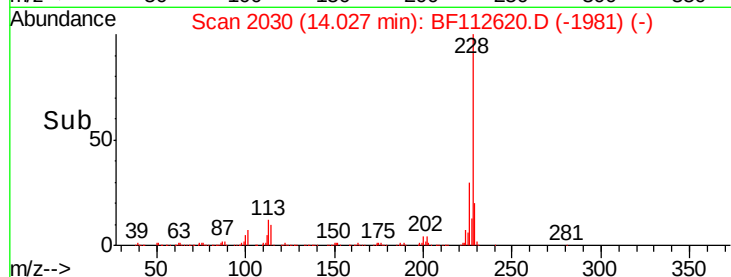
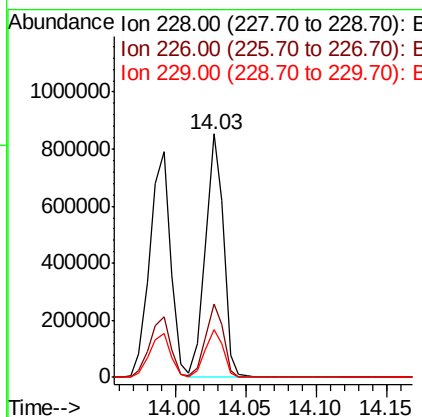
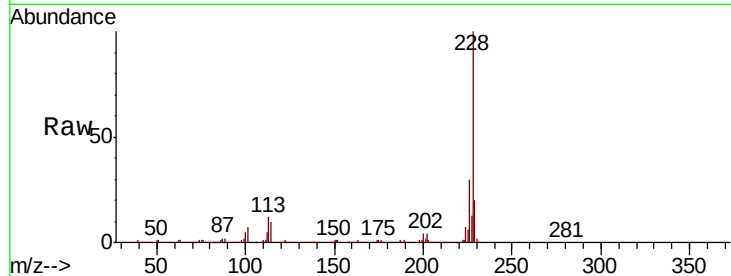
#83
Chrysene
Concen: 49.610 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.5	16.6	24.8

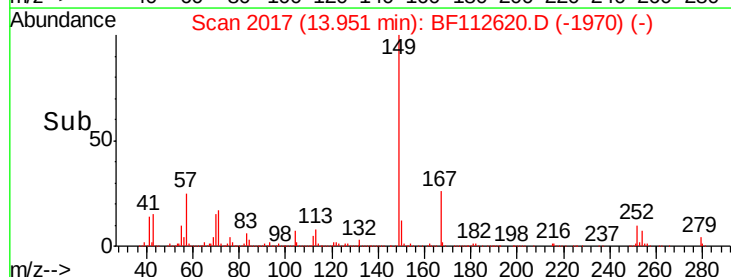
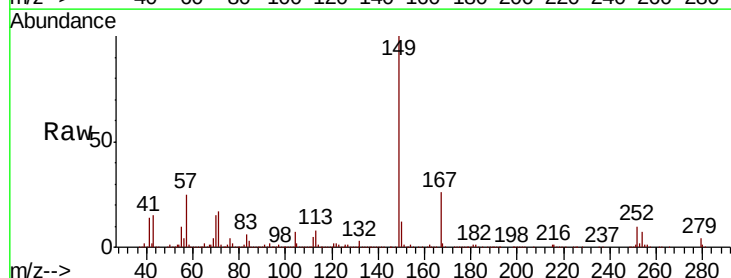
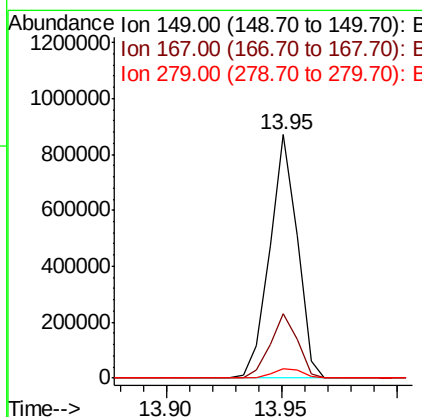
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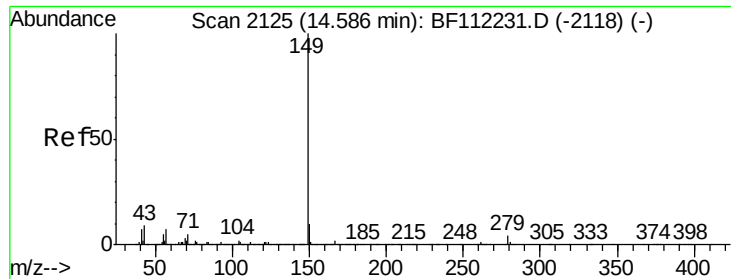
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 55.969 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.5	33.7
279	4.0	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 56.915 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Instrument :

BNA_F

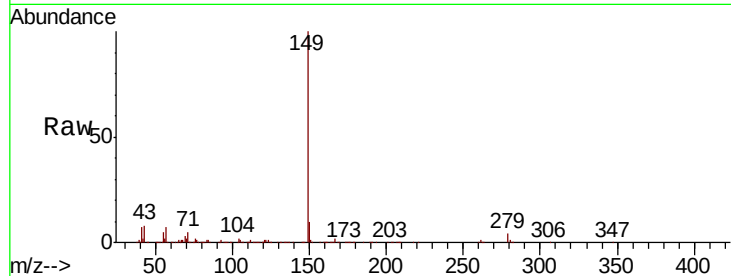
ClientSampleId :

TS-1MSD

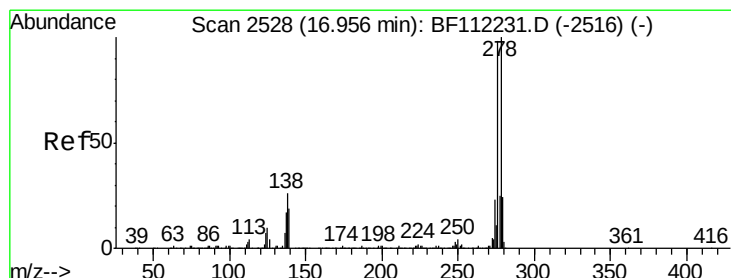
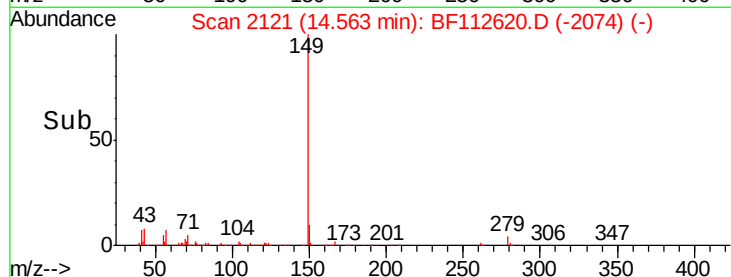
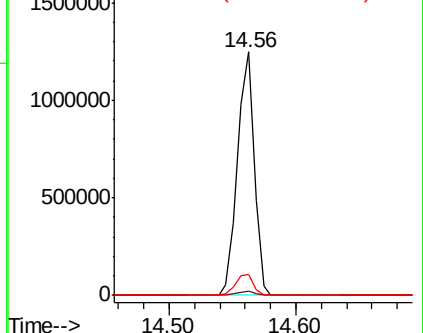
Tot Ion:	149	Resp:	1129585
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.8	7.8	11.6

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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: 72.968 ng

RT: 16.99 min Scan# 2533

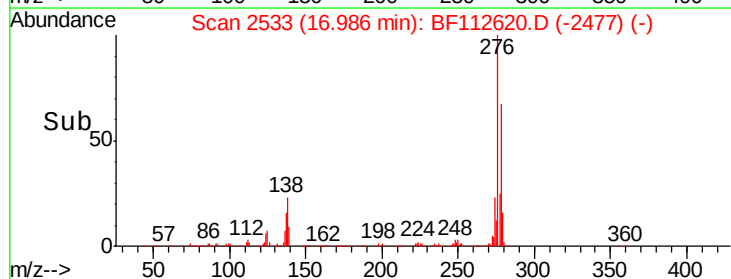
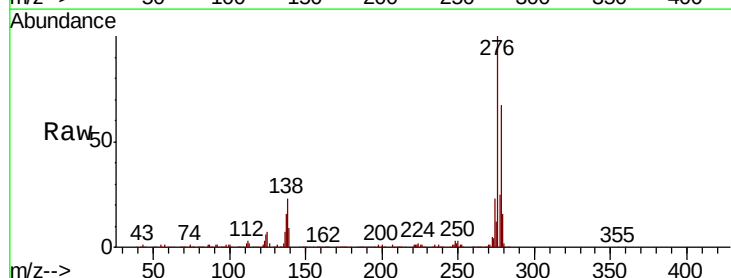
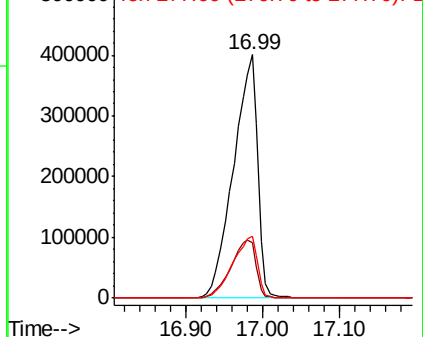
Delta R.T. 0.03 min

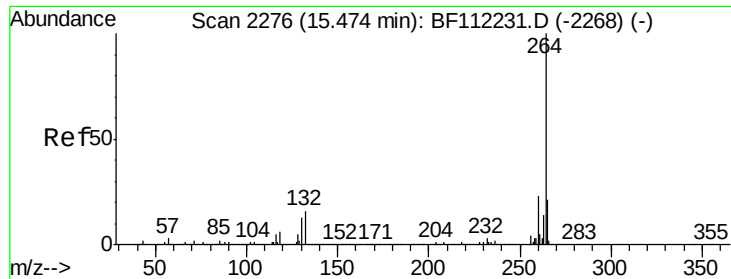
Lab File: BF112620.D

Acq: 19 Feb 2019 14:50

Tgt Ion:	276	Resp:	880201
Ion Ratio	Lower	Upper	
276	100		
138	24.9	22.6	34.0
277	25.9	20.3	30.5

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





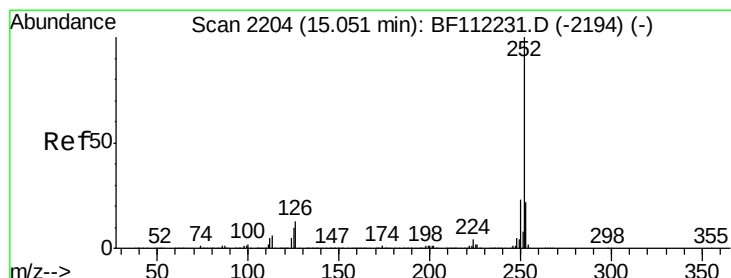
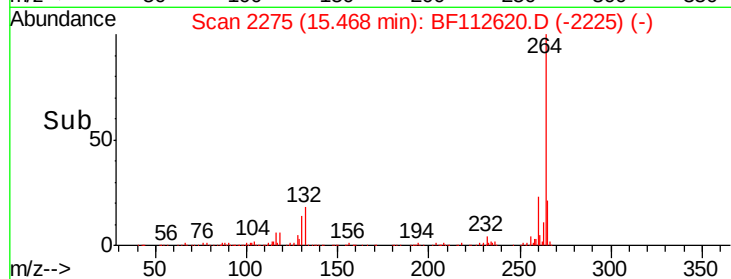
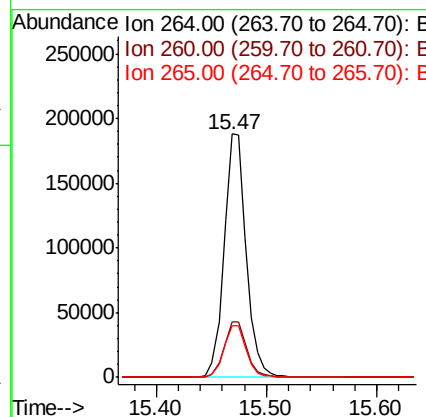
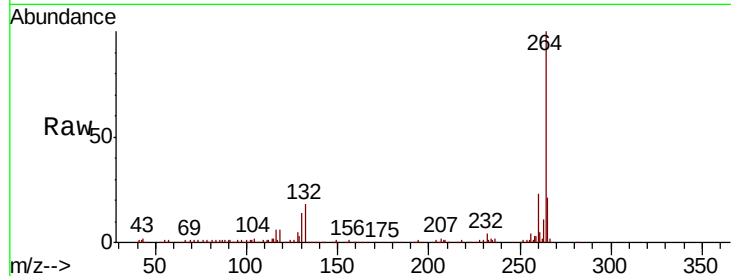
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.1	17.0	25.4

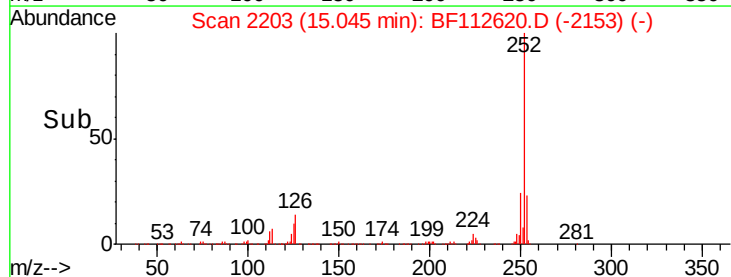
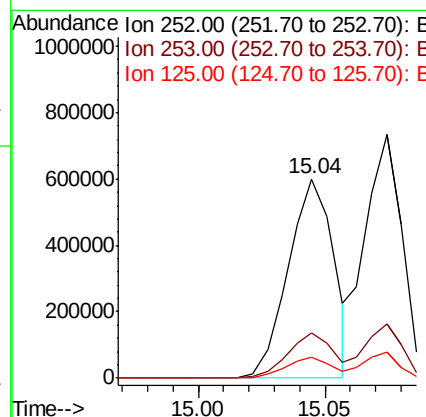
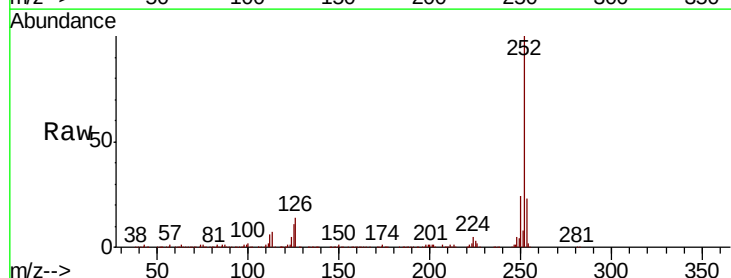
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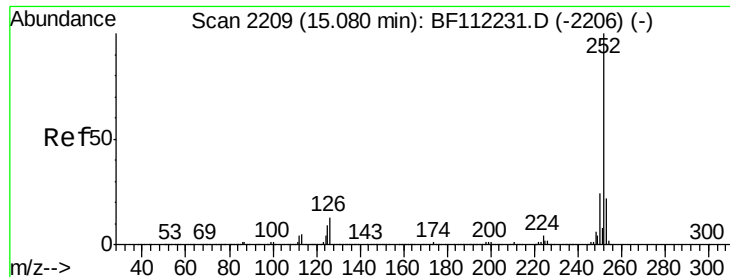
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.853 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.5	8.7	13.1





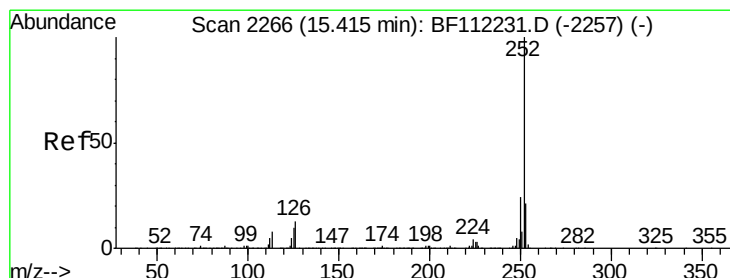
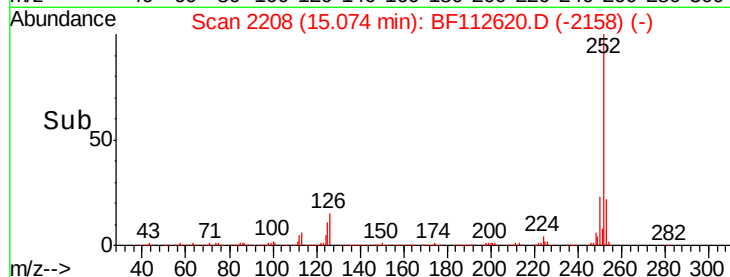
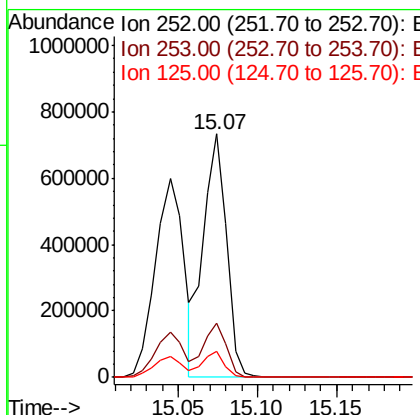
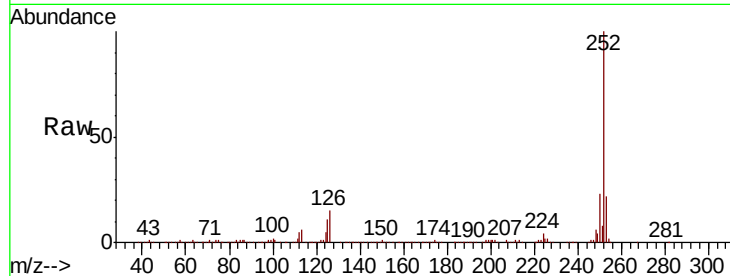
#89
Benzo(k)fluoranthene
Concen: 49.973 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampled :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.6	9.1	13.7

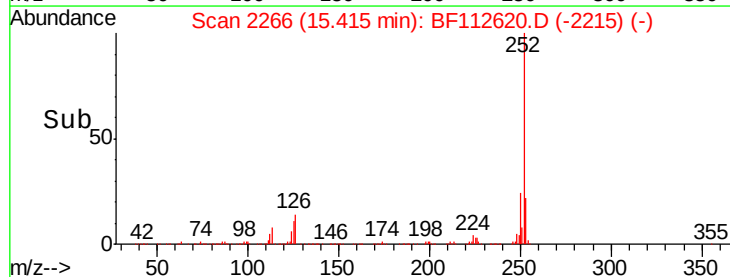
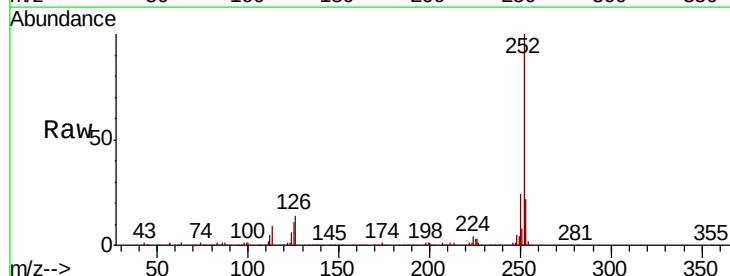
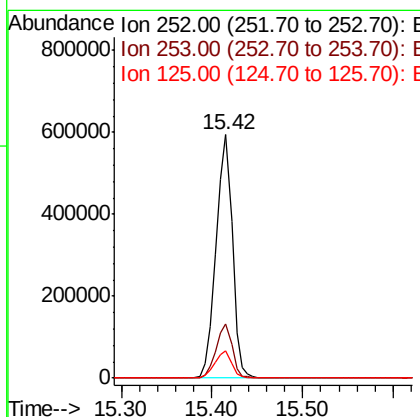
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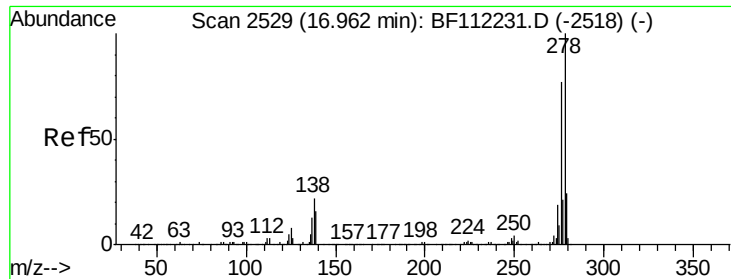
Sohil
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#90
Benzo(a)pyrene
Concen: 52.269 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.3	9.0	13.4





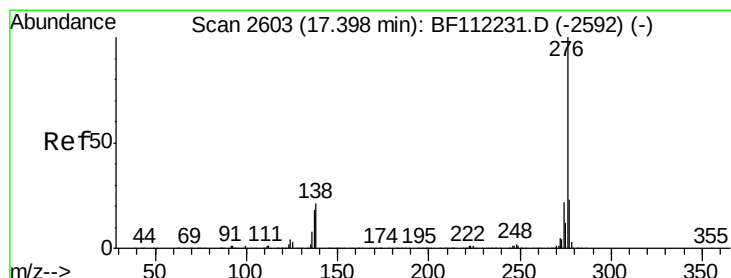
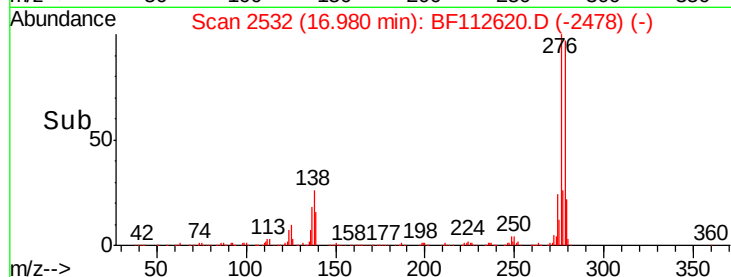
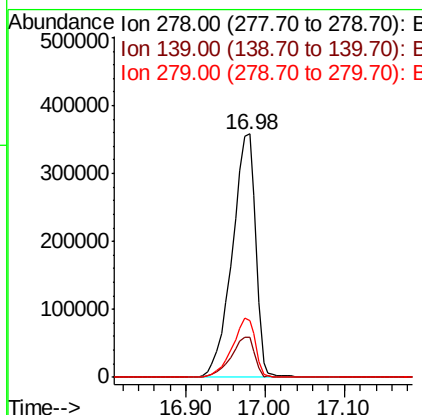
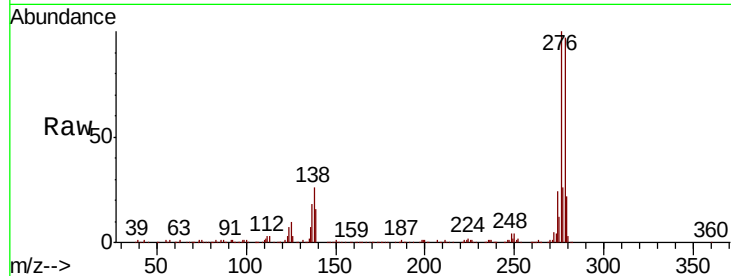
#91
Dibenzo(a,h)anthracene
Concen: 64.658 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Instrument :
BNA_F
ClientSampleId :
TS-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.7	20.5
279	23.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/20/2019 11:12:45 AM



#92
Benzo(g,h,i)perylene
Concen: 66.510 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.03 min
Lab File: BF112620.D
Acq: 19 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	20.9	19.1	28.7

