

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040819\
 Data File : BF113647.D
 Acq On : 8 Apr 2019 18:58
 Operator : JU/SJ
 Sample : K2309-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

Manual Integrations
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Sohil
 4/9/2019 10:15:54 AM

Quant Time: Apr 09 01:39:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	118786	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	457261	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	230323	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	457661	20.00	ng	0.00
76) Chrysene-d12	13.83	240	338325	20.00	ng	-0.01
87) Perylene-d12	15.24	264	320012	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	591033	84.85	ng	0.00
7) Phenol-d6	6.33	99	767480	89.39	ng	0.00
23) Nitrobenzene-d5	7.25	82	453944	58.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	249933	90.33	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	881729	61.63	ng	-0.01
79) Terphenyl-d14	12.77	244	949622	57.15	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	69452	21.051	ng	97
3) Pyridine	3.06	79	168581	19.525	ng	97
4) n-Nitrosodimethylamine	2.97	42	82849	22.584	ng	# 90
6) Aniline	6.35	93	166835	16.031	ng	# 83
8) 2-Chlorophenol	6.47	128	208846	25.913	ng	99
9) Benzaldehyde	6.23	77	94231	18.459	ng	99
10) Phenol	6.35	94	258304	26.342	ng	94
11) bis(2-Chloroethyl)ether	6.42	93	193746	25.400	ng	99
12) 1,3-Dichlorobenzene	6.62	146	217175	25.022	ng	97
13) 1,4-Dichlorobenzene	6.70	146	226121	25.781	ng	98
14) 1,2-Dichlorobenzene	6.85	146	210030	26.529	ng	96
15) Benzyl Alcohol	6.83	79	146447	25.227	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	306751	25.837	ng	79
17) 2-Methylphenol	6.95	107	176906	28.324	ng	95
18) Hexachloroethane	7.19	117	77605	24.309	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	146296	27.633	ng	98
20) 3+4-Methylphenols	7.11	107	224508	29.666	ng	91
22) Acetophenone	7.09	105	286899	28.567	ng	# 96
24) Nitrobenzene	7.26	77	208917	25.987	ng	97
25) Isophorone	7.50	82	402269	26.750	ng	98
26) 2-Nitrophenol	7.59	139	113314	26.189	ng	90
27) 2,4-Dimethylphenol	7.63	122	194137	31.385	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	257109	27.043	ng	100
29) 2,4-Dichlorophenol	7.84	162	188323	28.455	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	192685	26.810	ng	98
31) Naphthalene	7.99	128	618241	27.905	ng	98
32) Benzoic acid	7.75	122	24904	5.199	ng	93
33) 4-Chloroaniline	8.05	127	111745	12.720	ng	97
34) Hexachlorobutadiene	8.10	225	113174	25.829	ng	99
35) Caprolactam	8.40	113	59936m	28.529	ng	
36) 4-Chloro-3-methylphenol	8.54	107	193224	29.084	ng	100
37) 2-Methylnaphthalene	8.67	142	422548	28.998	ng	99
38) 1-Methylnaphthalene	8.77	142	399574	28.438	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	199802	26.823	ng	100

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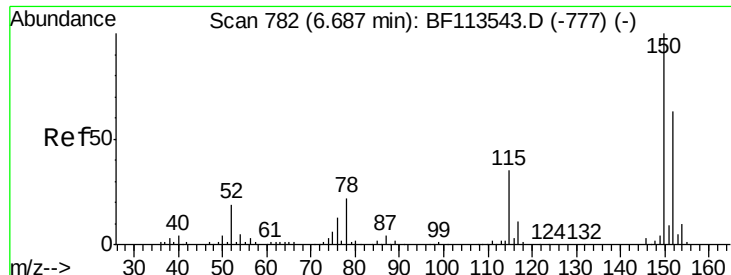
Manual Integrations
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 4/9/2019 10:15:54 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	86989	41.169	nq	100
43) 2,4,6-Trichlorophenol	8.96	196	129331	27.506	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	141399	28.011	nq	97
46) 1,1'-Biphenyl	9.14	154	524672	27.606	nq	99
47) 2-Chloronaphthalene	9.16	162	389698	27.081	nq	98
48) 2-Nitroaniline	9.26	65	124329	28.236	nq	96
49) Acenaphthylene	9.57	152	651274	27.832	nq	99
50) Dimethylphthalate	9.44	163	550652	32.433	nq	99
51) 2,6-Dinitrotoluene	9.50	165	105819	28.276	nq	97
52) Acenaphthene	9.75	154	372231	27.789	nq	100
53) 3-Nitroaniline	9.67	138	87439	20.550	nq	91
54) 2,4-Dinitrophenol	9.80	184	33510	19.139	nq	94
55) Dibenzofuran	9.92	168	561375	28.570	nq	98
56) 4-Nitrophenol	9.87	139	115556	43.781	nq	93
57) 2,4-Dinitrotoluene	9.92	165	132114	29.189	nq	# 85
58) Fluorene	10.26	166	450192	28.969	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	126510	28.953	nq	95
60) Diethylphthalate	10.14	149	474248	28.972	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	225045	29.441	nq	96
62) 4-Nitroaniline	10.29	138	107461	24.836	nq	95
63) Azobenzene	10.41	77	419462	27.064	nq	96
65) 4,6-Dinitro-2-methylphenol	10.33	198	31894	13.237	nq	83
66) n-Nitrosodiphenylamine	10.37	169	398852	28.388	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	141022	27.474	nq	96
68) Hexachlorobenzene	10.82	284	159880	27.184	nq	95
69) Atrazine	10.90	200	130110	29.380	nq	97
70) Pentachlorophenol	11.02	266	118570	42.784	nq	98
71) Phenanthrene	11.22	178	674051	29.640	nq	99
72) Anthracene	11.27	178	669409	28.931	nq	99
73) Carbazole	11.43	167	623795	28.825	nq	100
74) Di-n-butylphthalate	11.76	149	764179	29.685	nq	100
75) Fluoranthene	12.41	202	767954	31.513	nq	98
77) Benzidine	12.53	184	187060	14.868	nq	99
78) Pyrene	12.63	202	763680	29.666	nq	99
80) Butylbenzylphthalate	13.25	149	308048	29.397	nq	98
81) Benzo(a)anthracene	13.82	228	554596	28.417	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	103914	13.824	nq	99
83) Chrysene	13.86	228	547655	27.682	nq	100
84) Bis(2-ethylhexyl)phthalate	13.81	149	427015	33.704	nq	# 98
85) Di-n-octyl phthalate	14.42	149	670370	32.552	nq	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	580066	31.756	nq	99
88) Benzo(b)fluoranthene	14.84	252	529941	27.053	nq	99
89) Benzo(k)fluoranthene	14.87	252	508595	28.930	nq	100
90) Benzo(a)pyrene	15.18	252	500827	28.772	nq	99
91) Dibenzo(a,h)anthracene	16.61	278	481922	29.606	nq	99
92) Benzo(g,h,i)perylene	17.01	276	488381	29.395	nq	99

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



#1

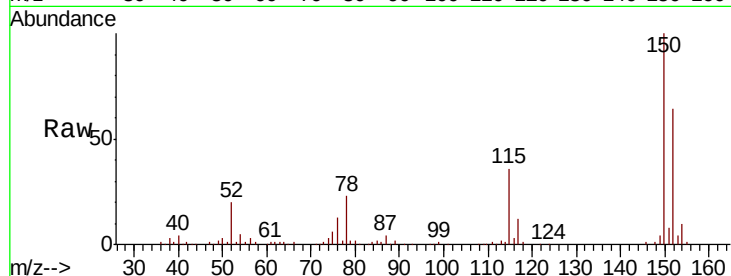
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	55.1	46.0	69.0

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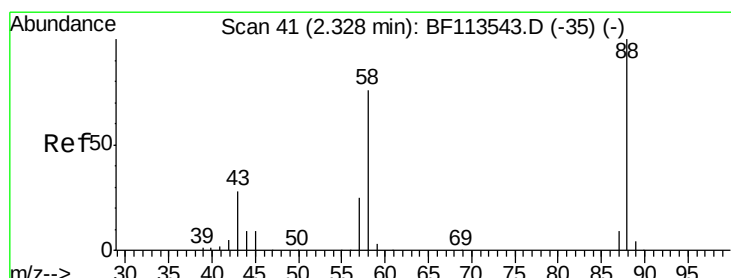
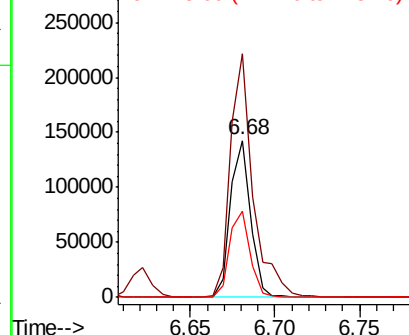
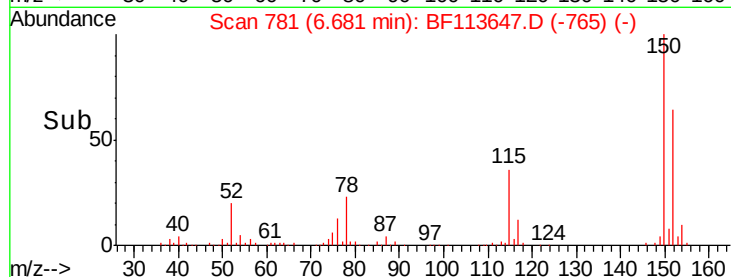


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

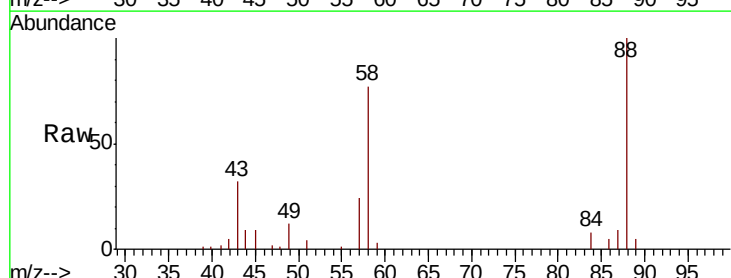
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 21.051 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	61.9	92.9
43	30.4	24.2	36.4

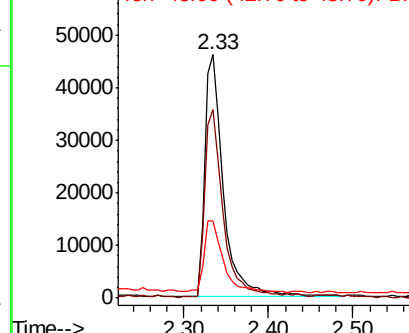
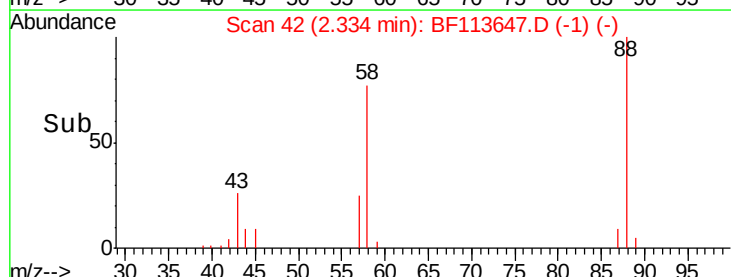


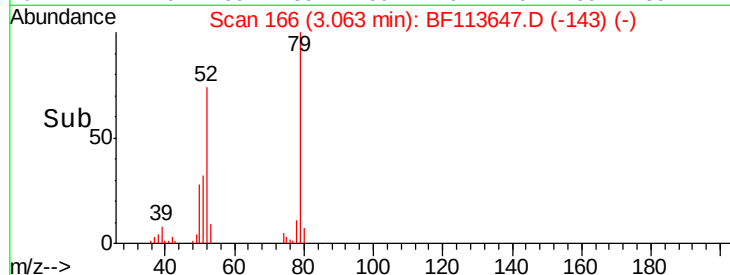
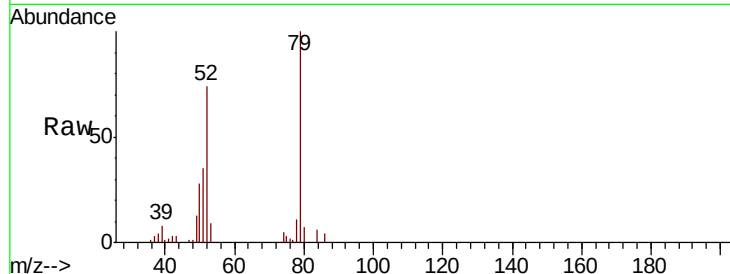
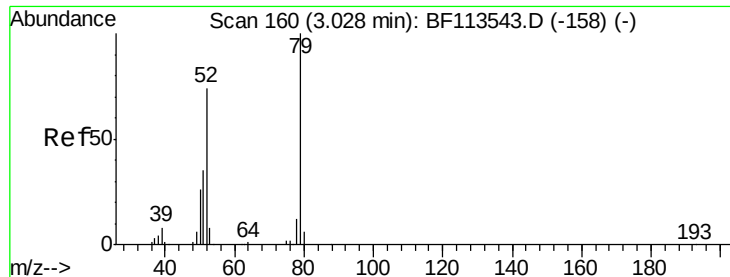
Abundance

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





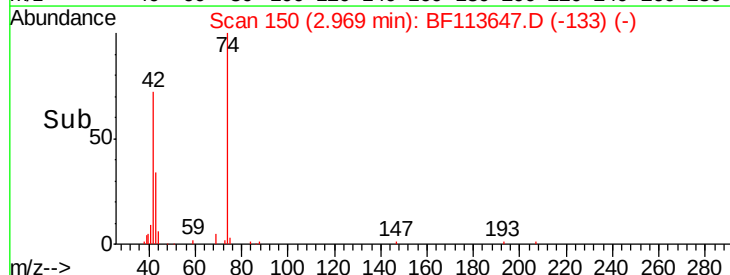
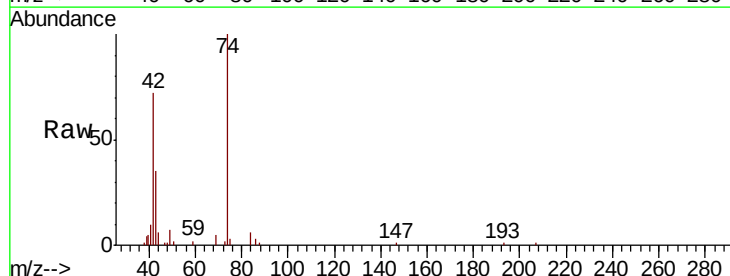
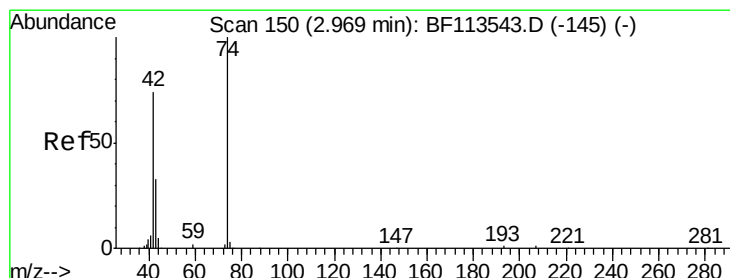
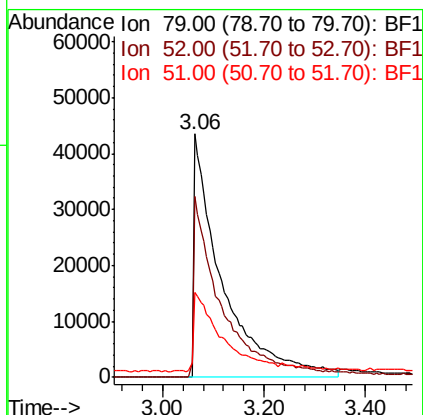
#3
 Pvridine
 Concen: 19.525 ng
 RT: 3.06 min Scan# 166
 Delta R.T. 0.04 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	74.2	61.0	91.4	
51	35.1	30.6	45.8	

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

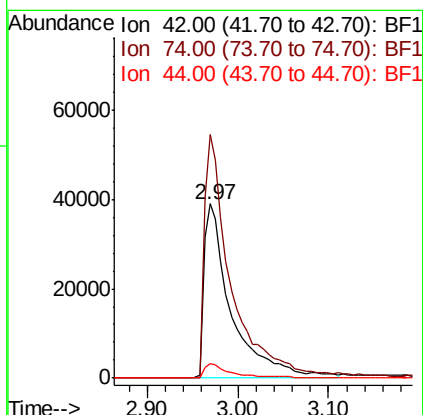
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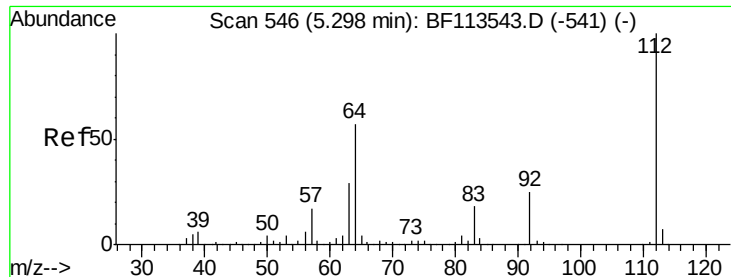
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#4
 n-Nitrosodimethylamine
 Concen: 22.584 ng
 RT: 2.97 min Scan# 150
 Delta R.T. 0.00 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	139.6	102.4	153.6	
44	8.4	5.5	8.3	





#5

2-Fluorophenol

Concen: 84.846 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

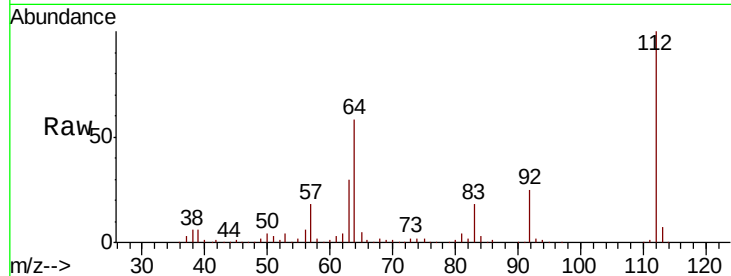
ClientSampleId :

HA-040519MS

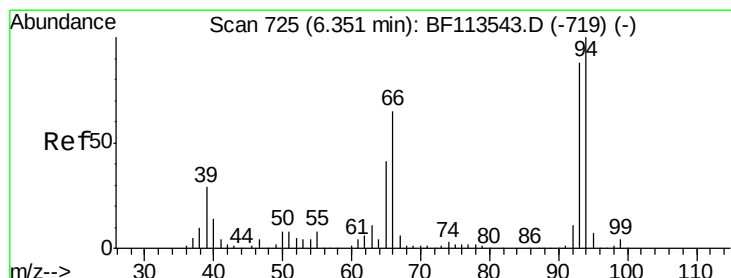
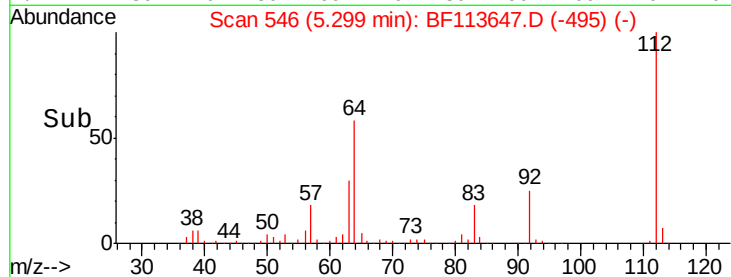
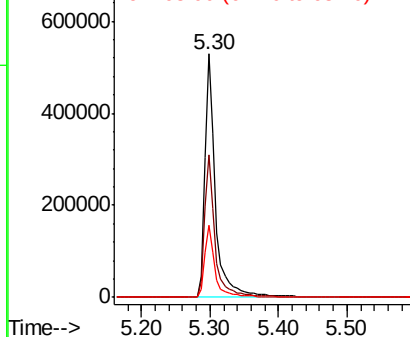
Tot Ion:	112	Resp:	591033
Ion Ratio	Lower	Upper	
112	100		
64	58.4	49.2	73.8
63	29.7	24.9	37.3

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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: 16.031 ng

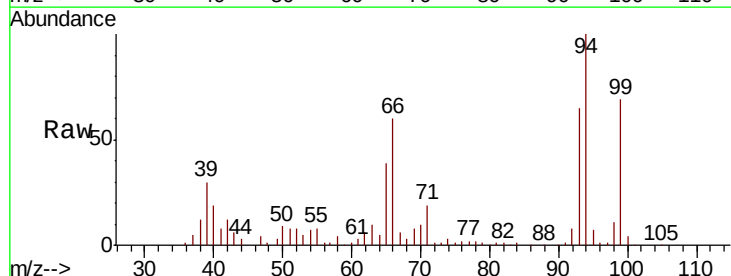
RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

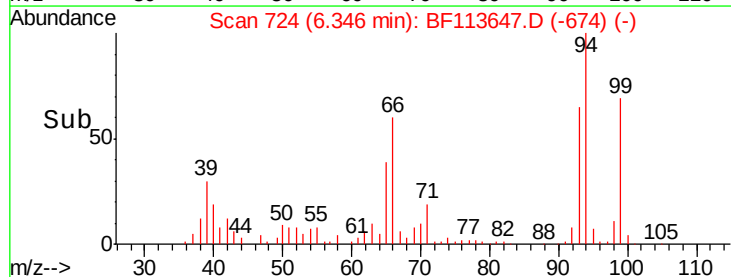
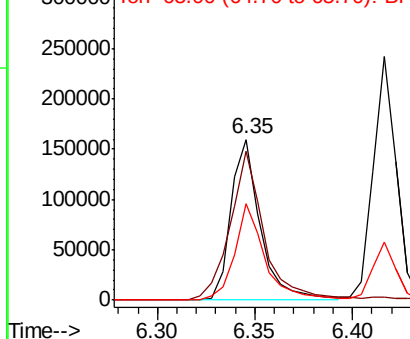
Lab File: BF113647.D

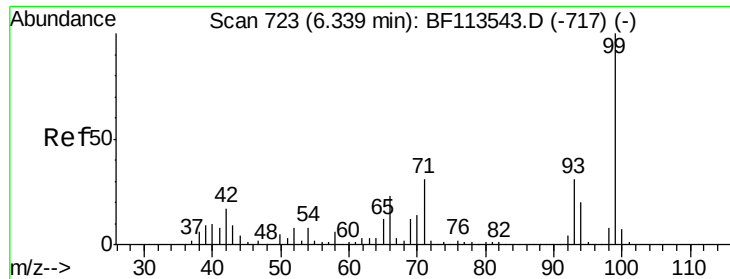
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Tgt Ion:	93	Resp:	166835
Ion Ratio	Lower	Upper	
93	100		
66	92.7	62.1	93.1
65	59.9	38.7	58.1#



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: 89.391 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

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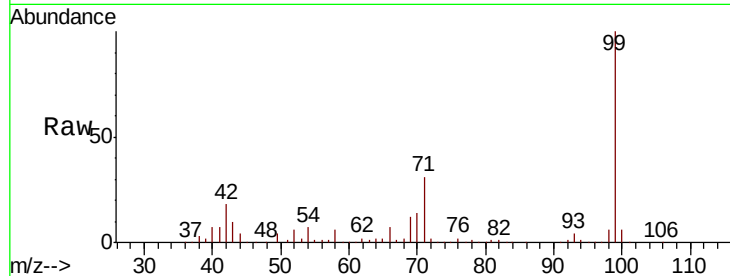
ClientSampled :

HA-040519MS

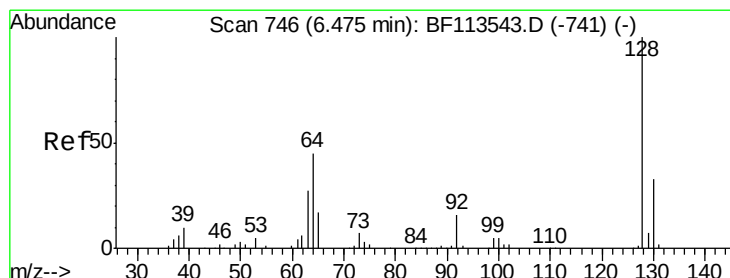
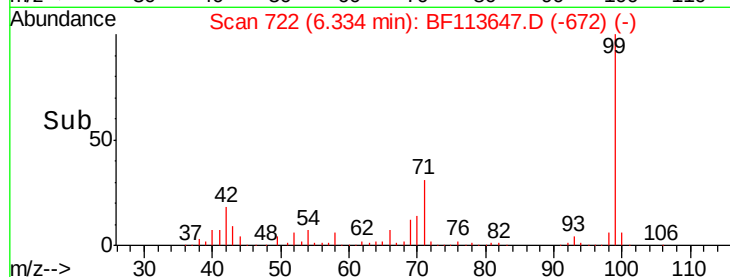
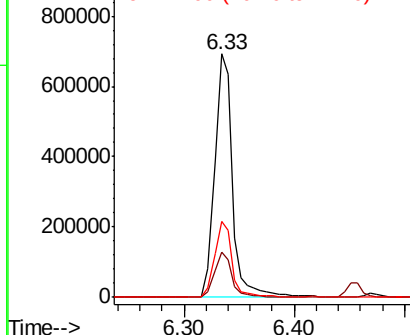
Tot Ion:	99	Resp:	767480
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.8	22.2
71	31.4	24.9	37.3

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



#8

2-Chlorophenol

Concen: 25.913 ng

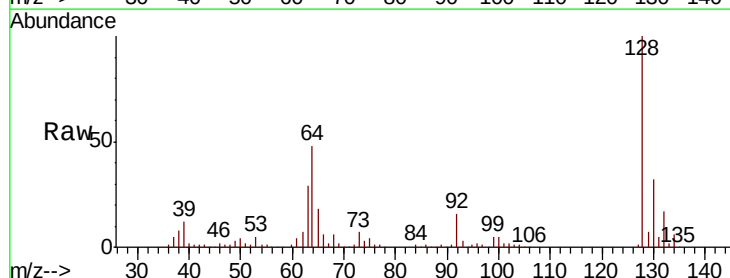
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

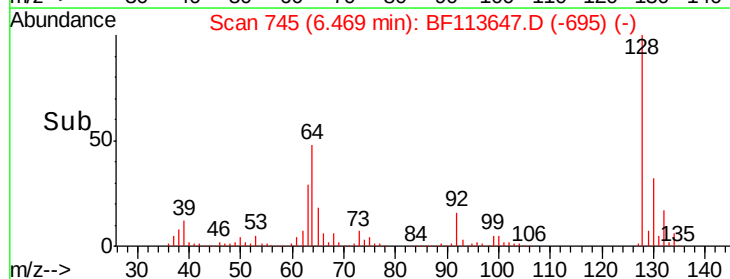
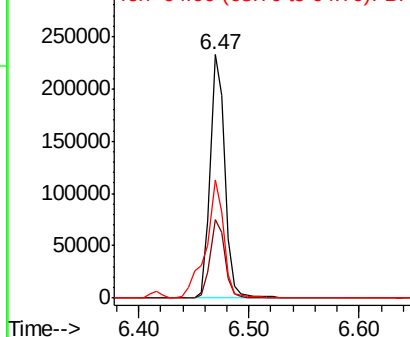
Lab File: BF113647.D

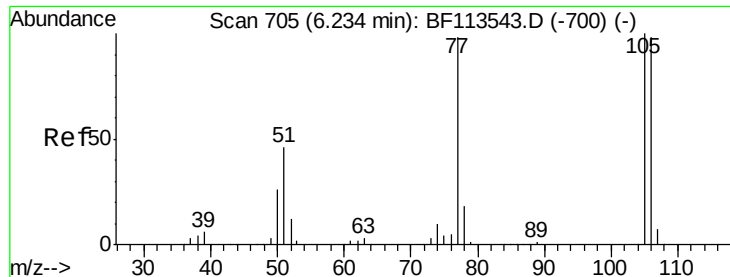
Acq: 8 Apr 2019 18:58

Tgt Ion:	128	Resp:	208846
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.6	52.6
64	48.5	29.4	69.4



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: 18.459 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

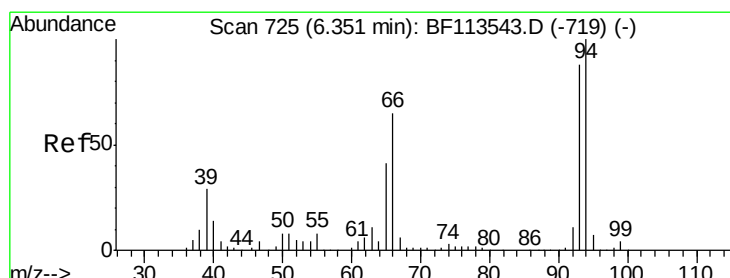
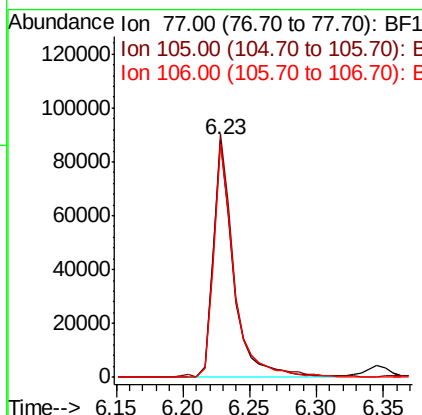
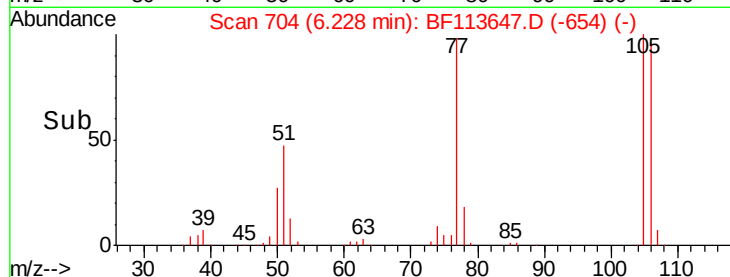
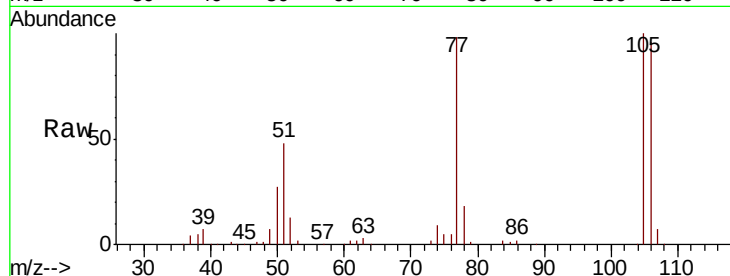
ClientSampleId :

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Tot Ion:	77	Resp:	94231
Ion	Ratio	Lower	Upper
77	100		
105	102.4	80.9	120.9
106	98.0	77.8	117.8

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#10

Phenol

Concen: 26.342 ng

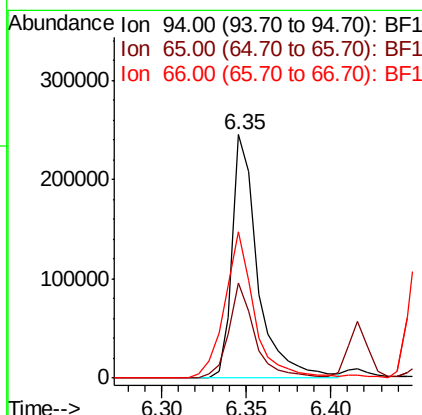
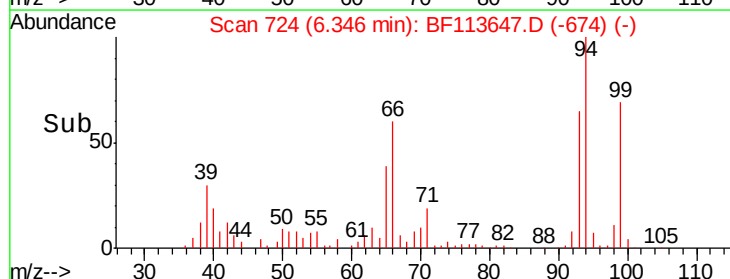
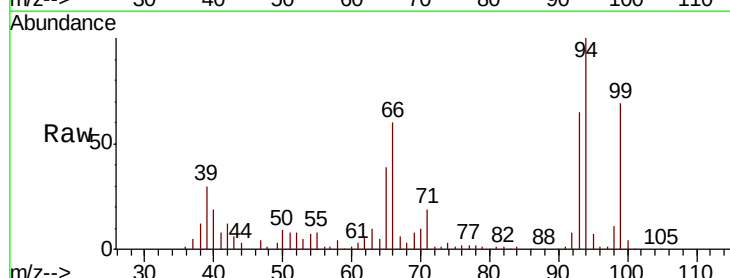
RT: 6.35 min Scan# 724

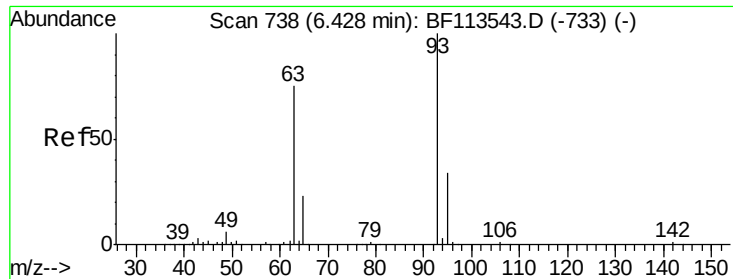
Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion:	94	Resp:	258304
Ion	Ratio	Lower	Upper
94	100		
65	39.0	21.4	61.4
66	60.3	46.4	86.4





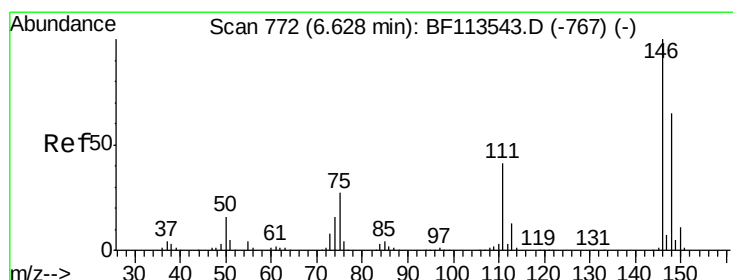
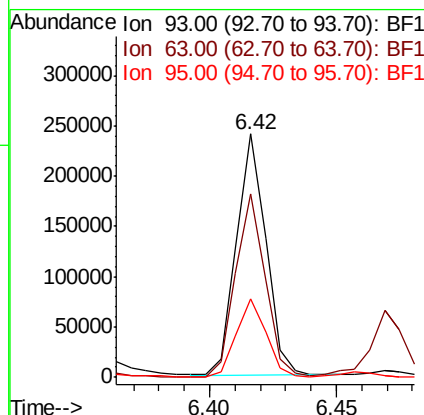
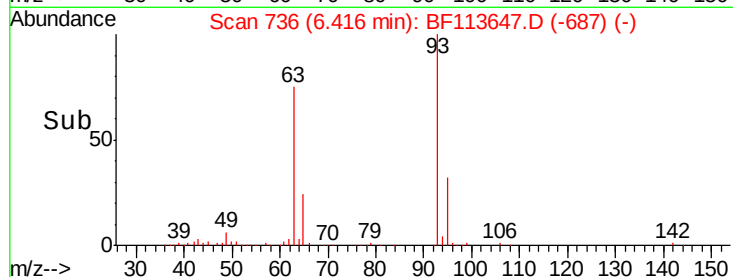
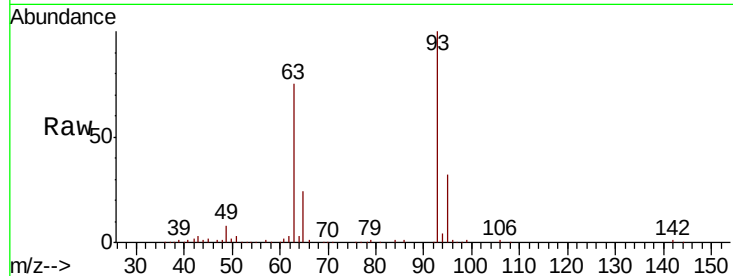
#11
bis(2-Chloroethyl)ether
Concen: 25.400 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	93	Resp	193746
Ion Ratio	Lower	Upper	
93	100		
63	75.2	56.1	96.1
95	32.1	12.8	52.8

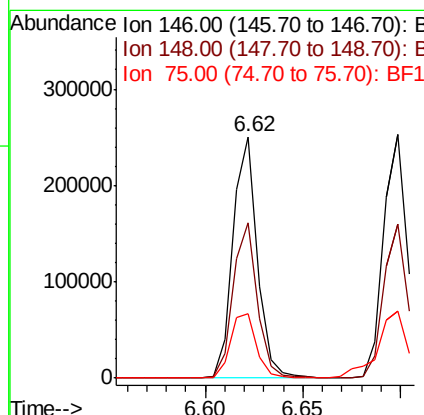
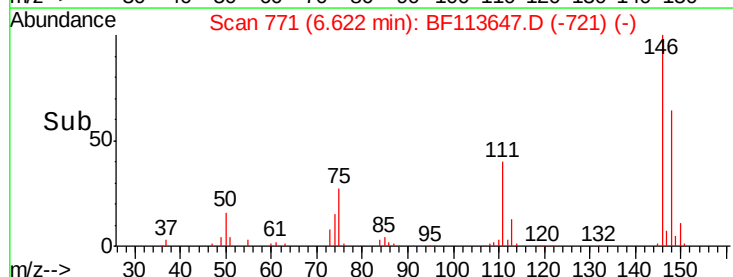
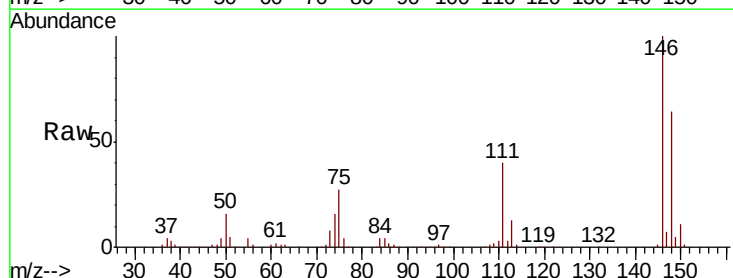
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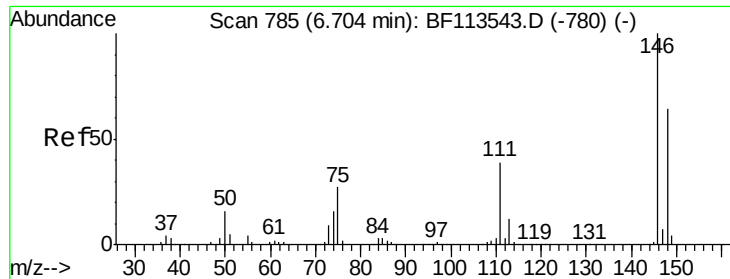
Sohil
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#12
1,3-Dichlorobenzene
Concen: 25.022 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	146	Resp	217175
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
75	26.7	24.8	37.2





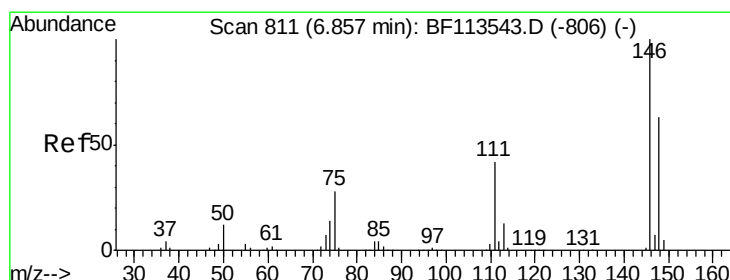
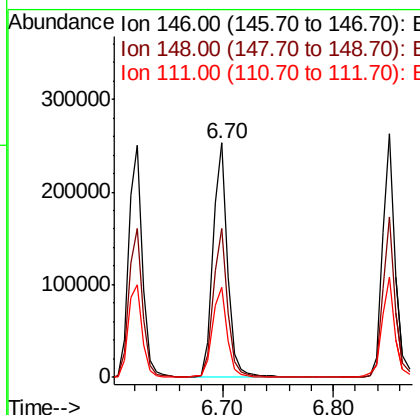
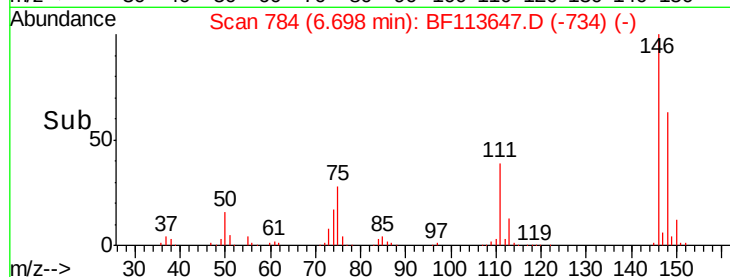
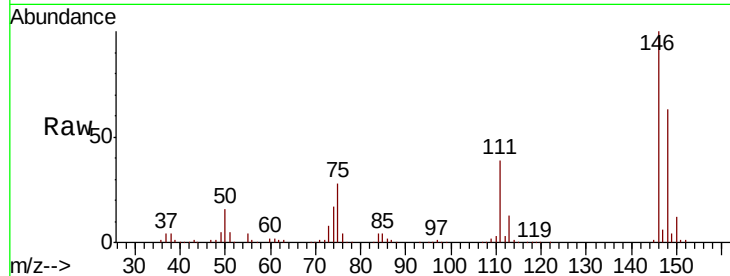
#13
 1,4-Dichlorobenzene
 Concen: 25.781 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	38.6	32.8	49.2

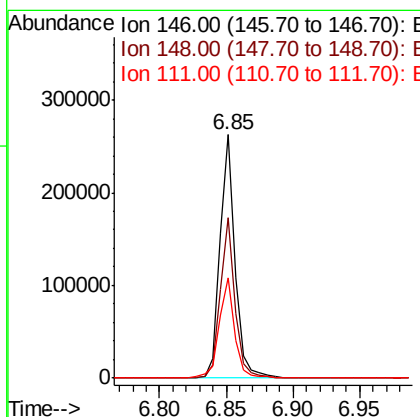
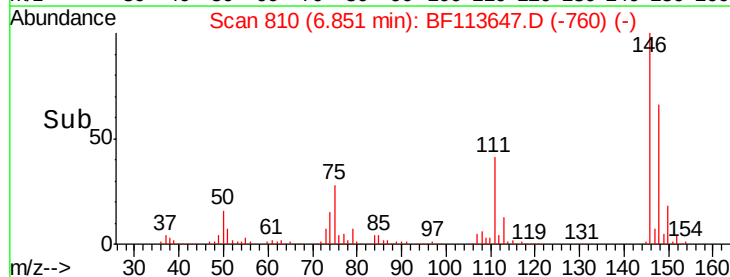
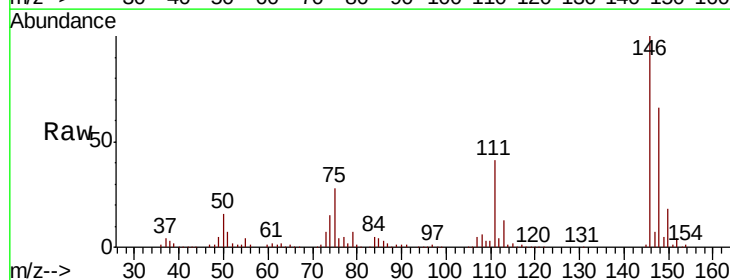
Manual Integrations
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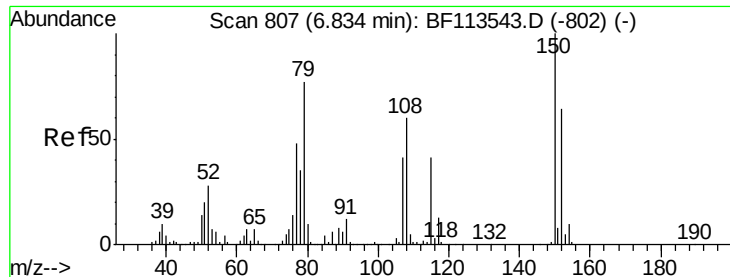
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 26.529 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.2	75.4
111	41.2	35.4	53.2





#15

Benzyl Alcohol

Concen: 25.227 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

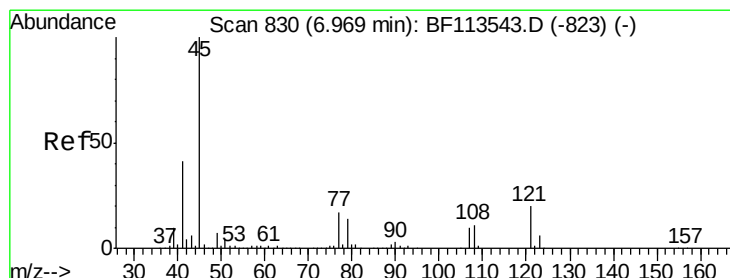
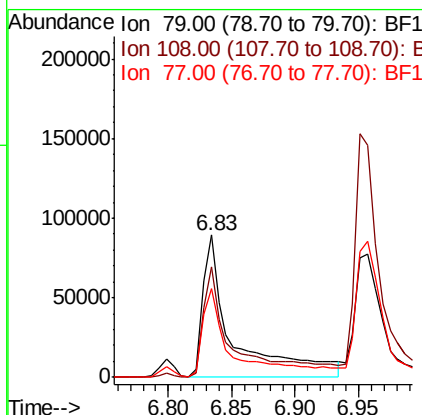
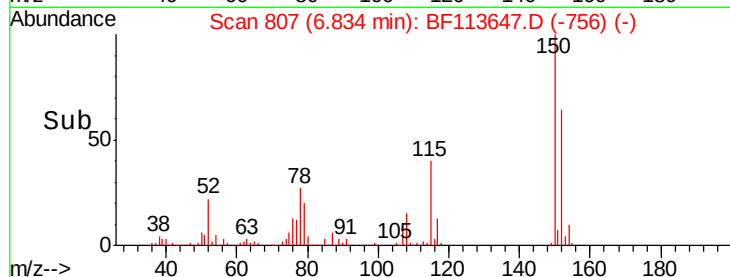
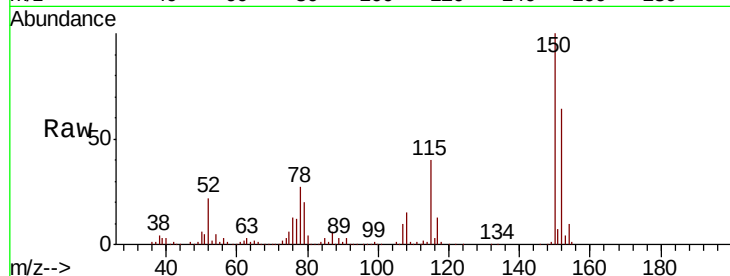
ClientSampled :

HA-040519MS

Tot Ion:	79	Resp:	146447
Ion Ratio	Lower	Upper	
79	100		
108	77.8	62.0	93.0
77	62.4	49.9	74.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 25.837 ng

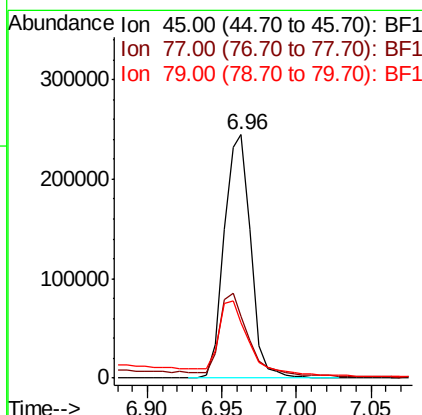
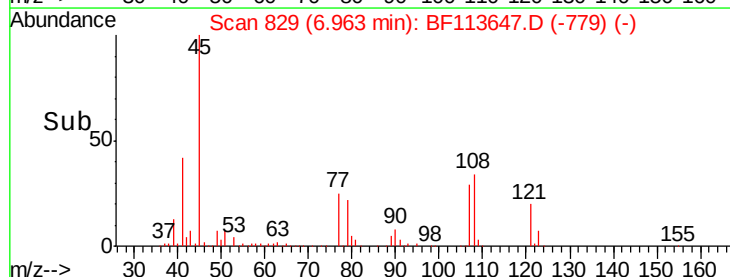
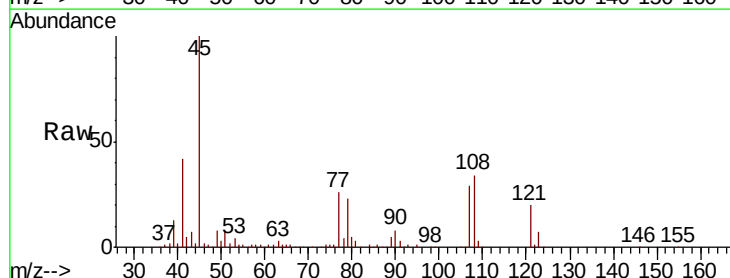
RT: 6.96 min Scan# 829

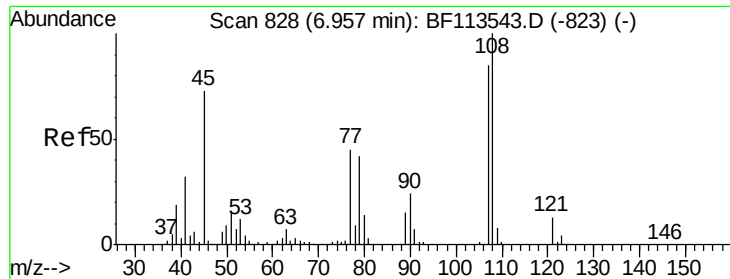
Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion:	45	Resp:	306751
Ion Ratio	Lower	Upper	
45	100		
77	25.6	0.0	36.6
79	22.8	0.0	34.0





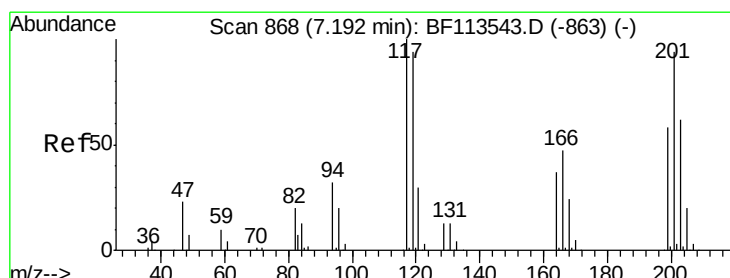
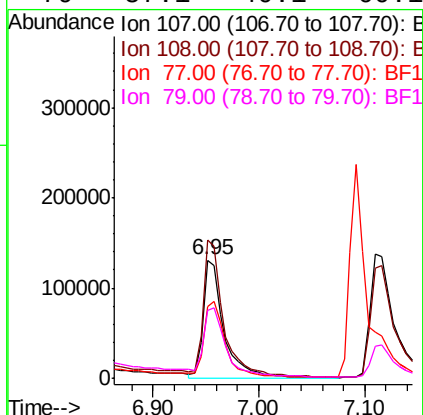
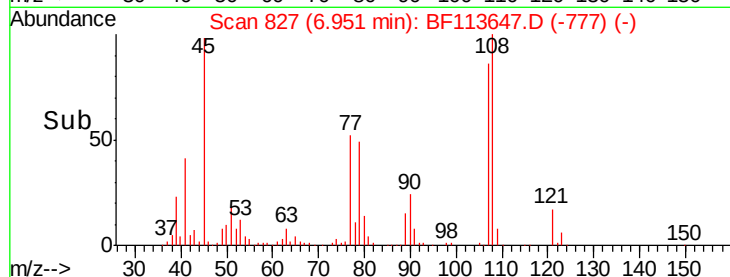
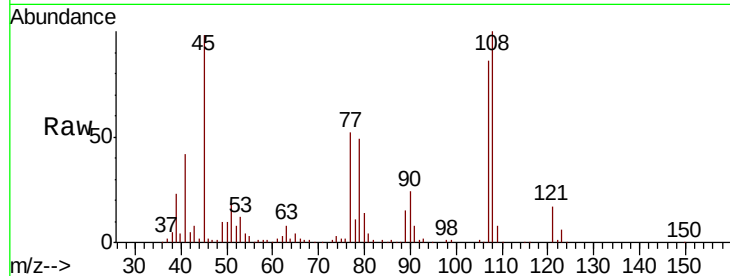
#17
2-Methylphenol
Concen: 28.324 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.7	93.4	140.0	
77	60.2	41.2	61.8	
79	57.1	40.1	60.1	

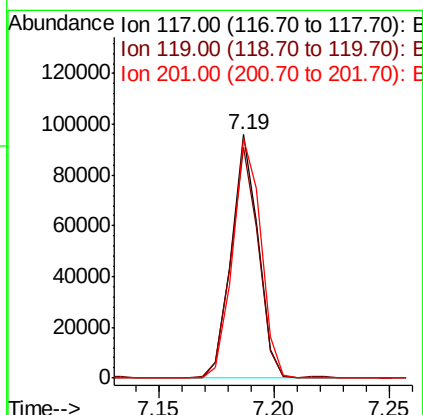
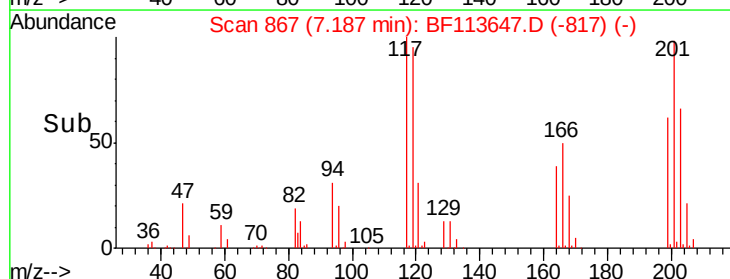
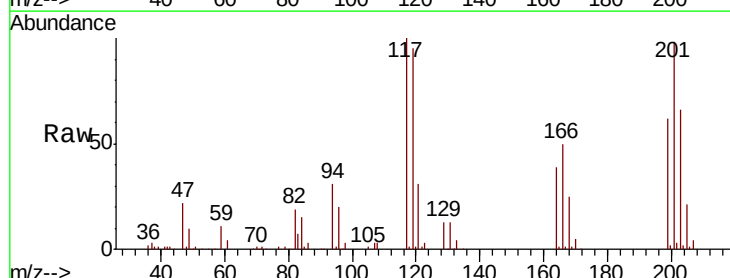
Manual Integrations
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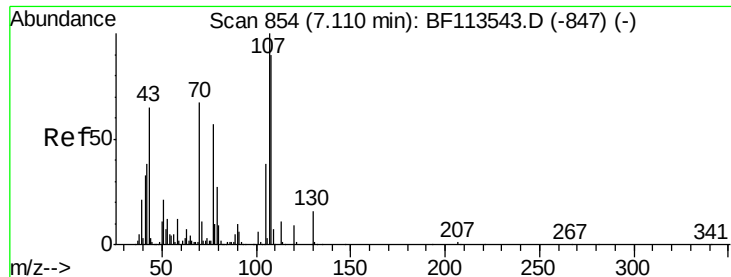
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#18
Hexachloroethane
Concen: 24.309 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	76.9	115.3	
201	98.4	78.7	118.1	





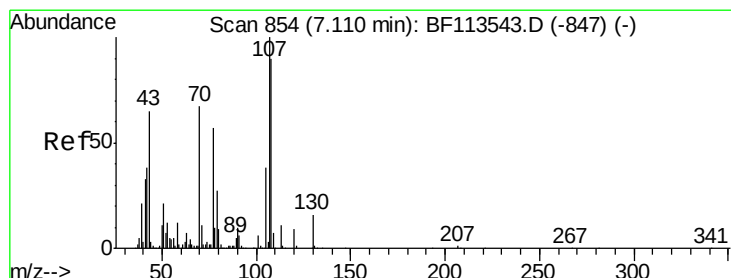
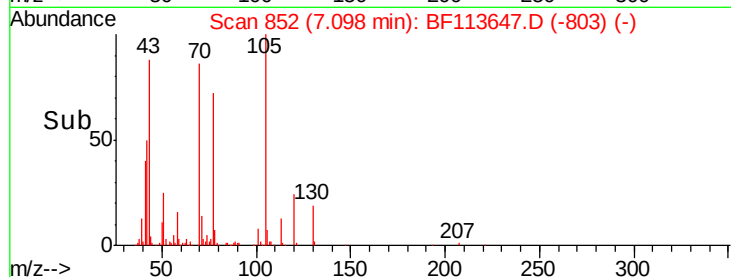
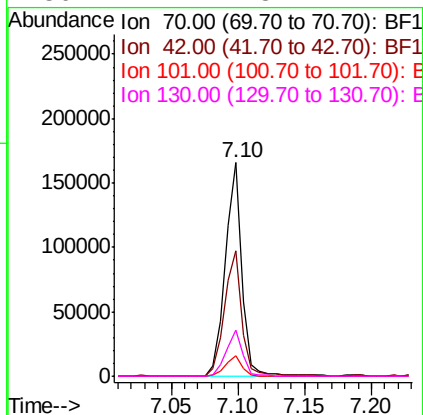
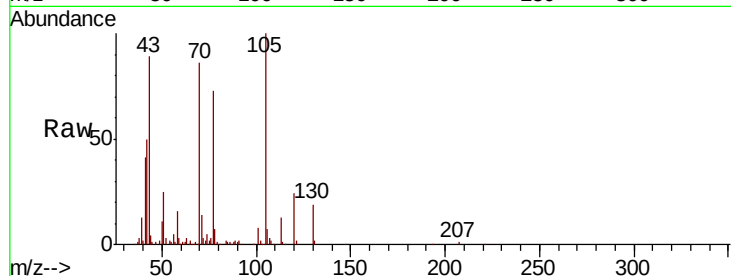
#19
n-Nitroso-di-n-propylamine
Concen: 27.633 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.6	48.4	72.6		
101	9.7	7.8	11.8		
130	21.7	18.2	27.4		

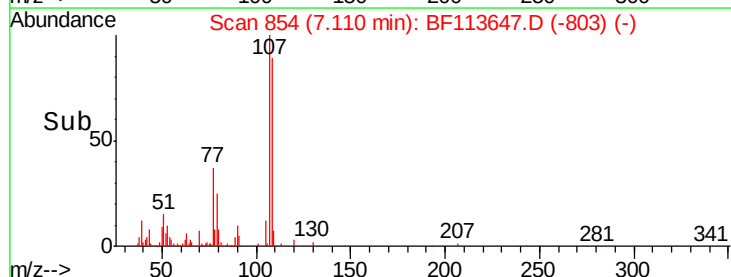
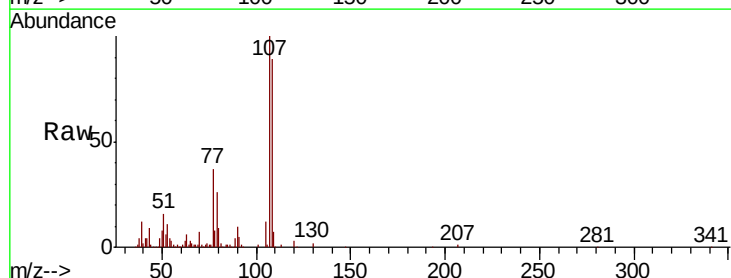
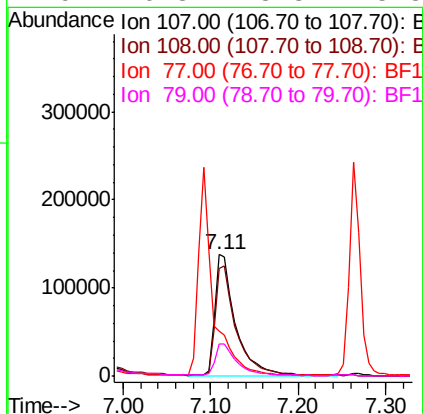
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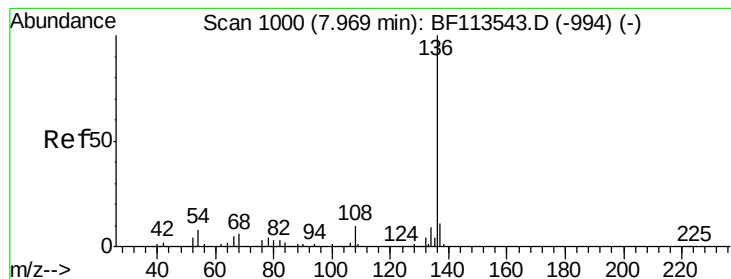
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#20
3+4-Methylphenols
Concen: 29.666 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8	71.4	111.4		
77	37.4	33.5	73.5		
79	26.3	8.3	48.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

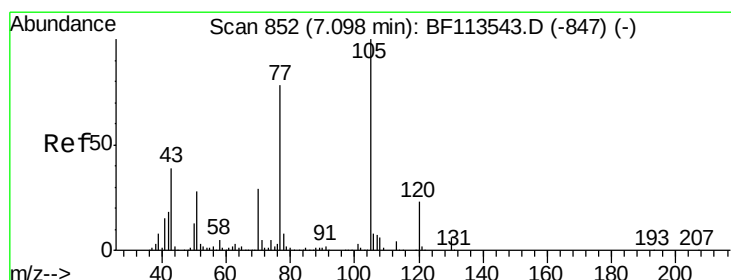
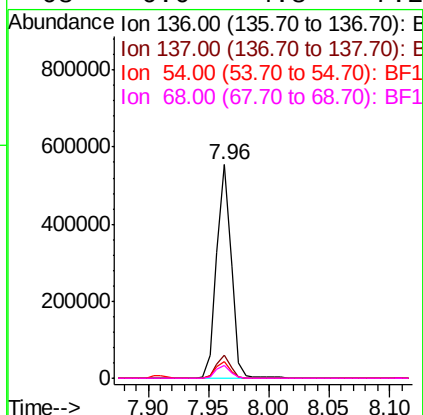
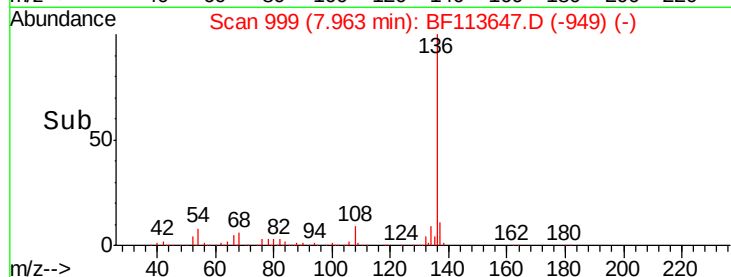
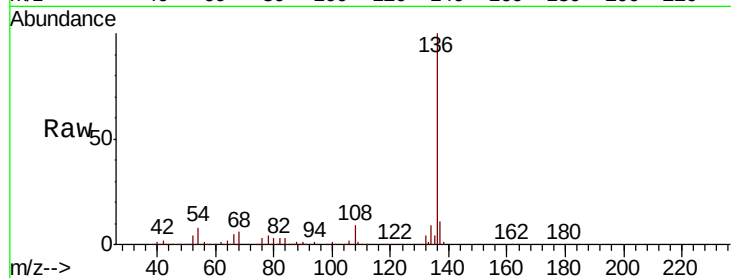
ClientSampleId :

HA-040519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		457261		
137	11.0		8.9	13.3	
54	7.7		7.0	10.6	
68	6.0		4.8	7.2	

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#22

Acetophenone

Concen: 28.567 ng

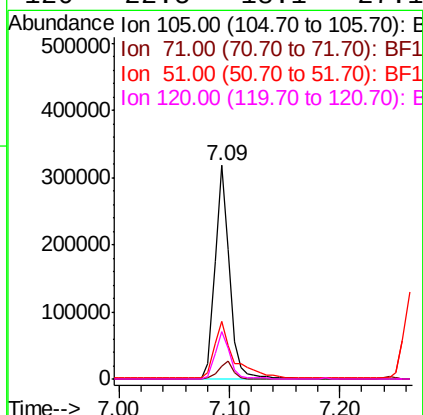
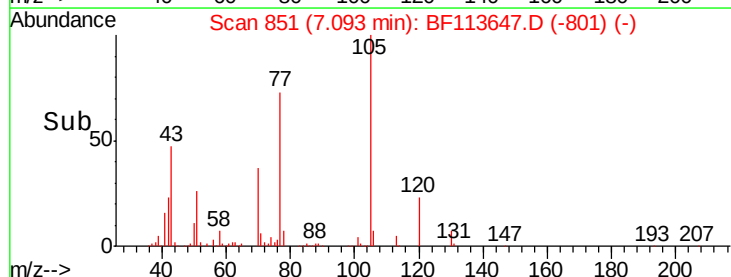
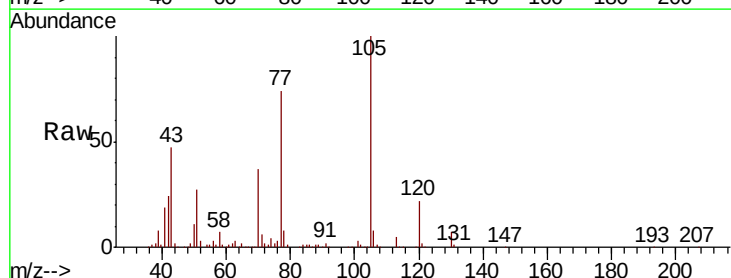
RT: 7.09 min Scan# 851

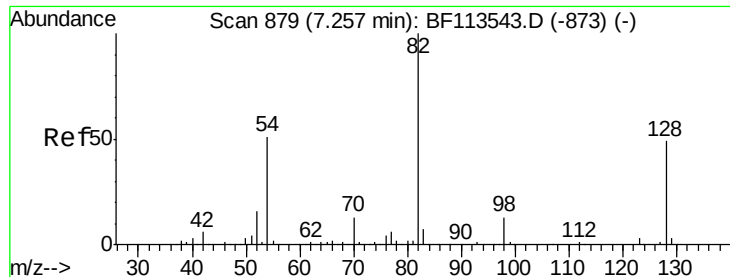
Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		286899		
71	5.9		3.3	4.9#	
51	27.1		24.2	36.2	
120	22.5		18.1	27.1	





#23

Nitrobenzene-d5

Concen: 58.150 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

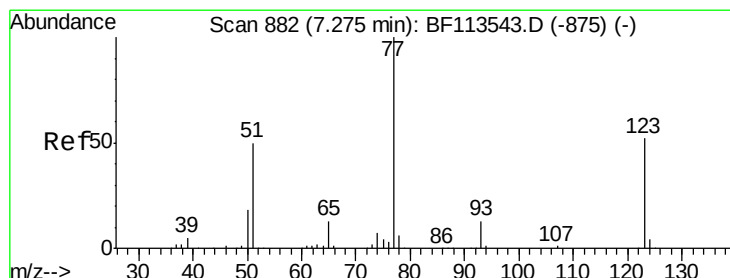
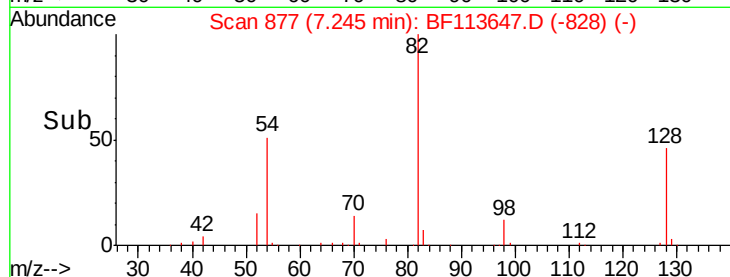
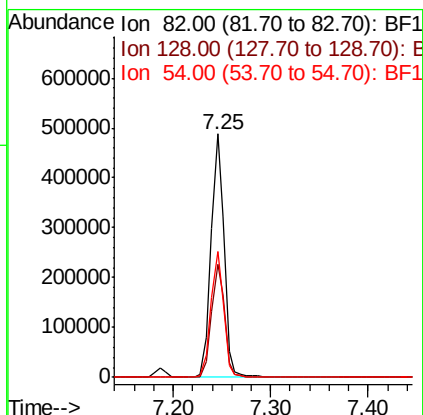
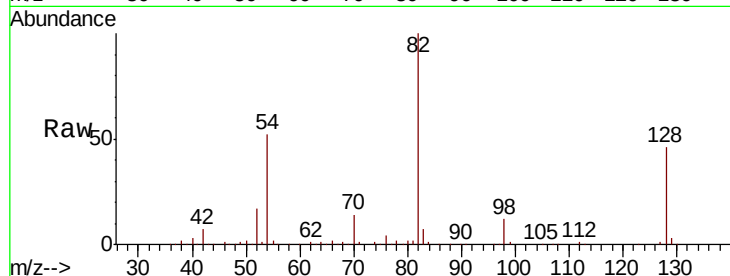
ClientSampleId :

HA-040519MS

Tot Ion:	82	Resp:	453944
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.5	54.7
54	51.9	42.2	63.2

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#24

Nitrobenzene

Concen: 25.987 ng

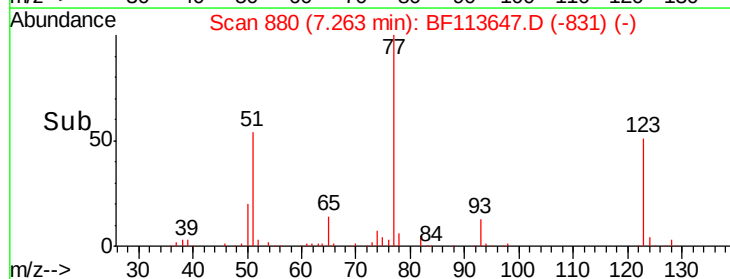
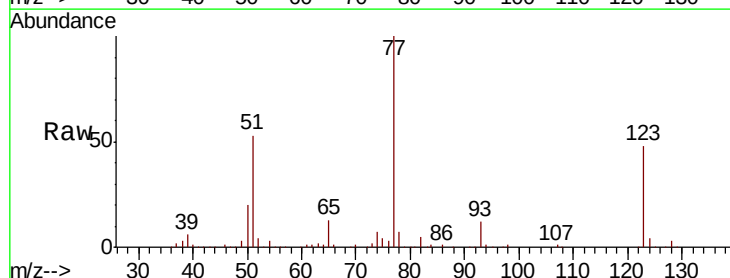
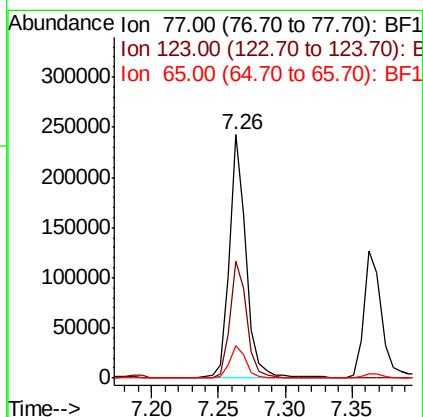
RT: 7.26 min Scan# 880

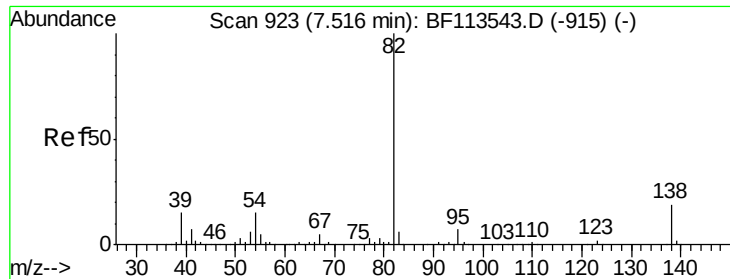
Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion:	77	Resp:	208917
Ion Ratio	Lower	Upper	
77	100		
123	48.3	40.8	61.2
65	13.4	10.6	16.0





#25

Isophorone

Concen: 26.750 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

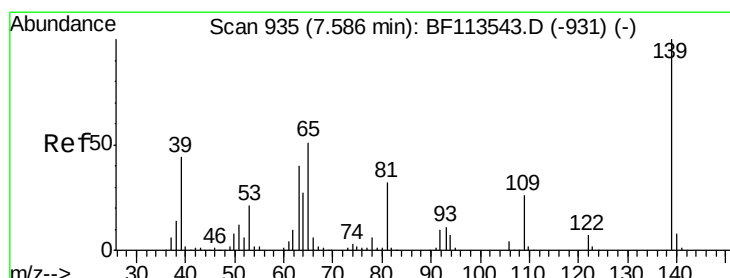
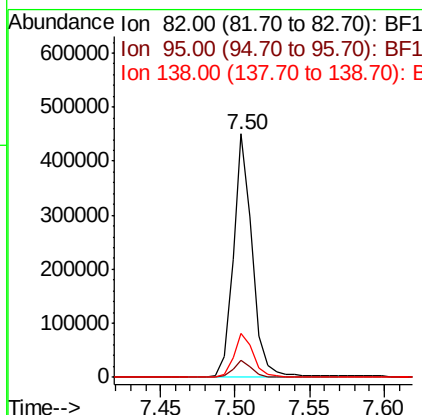
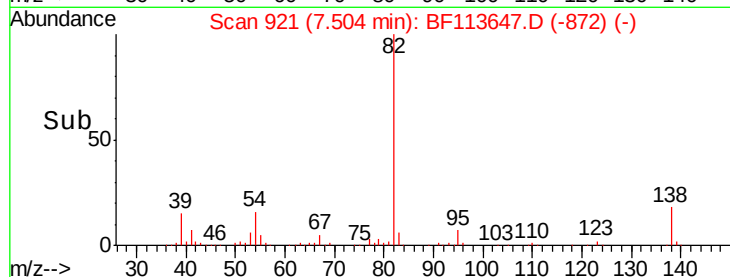
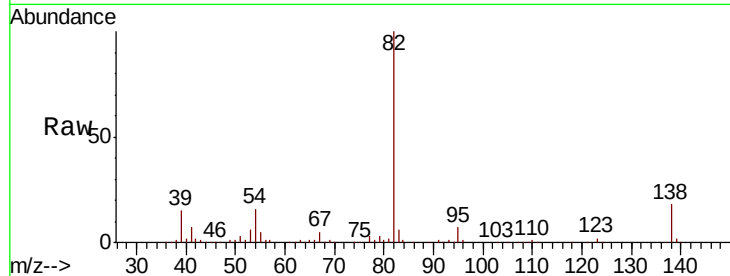
ClientSampleId :

HA-040519MS

Tot Ion:	82	Resp:	402269
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	17.9	15.2	22.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.189 ng

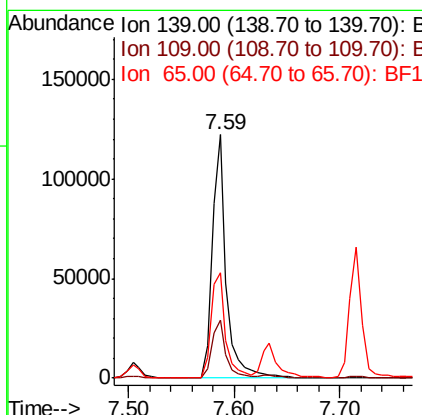
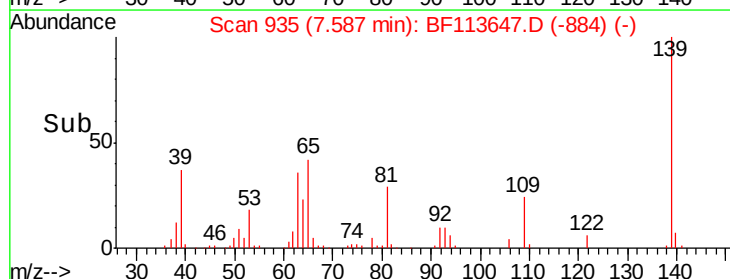
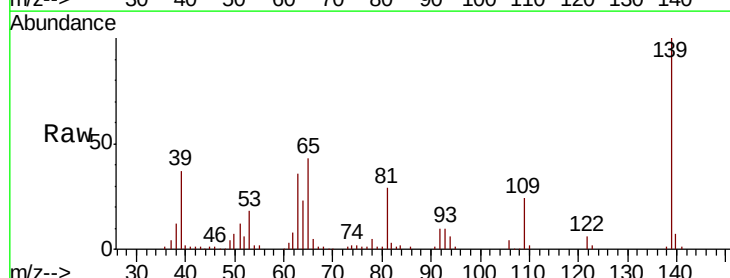
RT: 7.59 min Scan# 935

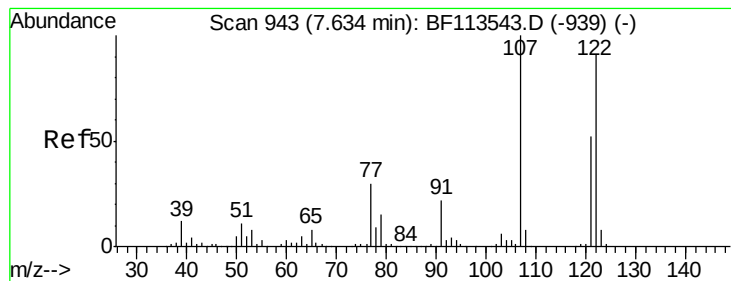
Delta R.T. 0.00 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion:	139	Resp:	113314
Ion Ratio	Lower	Upper	
139	100		
109	24.0	21.7	32.5
65	43.1	41.6	62.4





#27

2,4-Dimethylphenol

Concen: 31.385 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

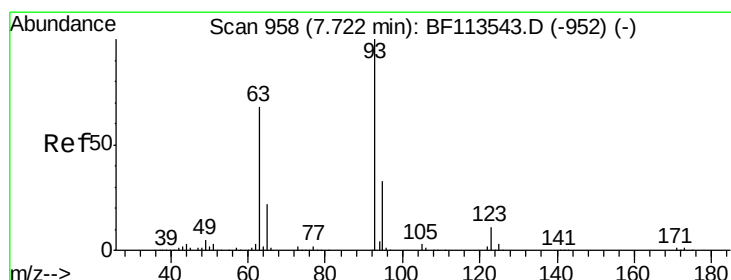
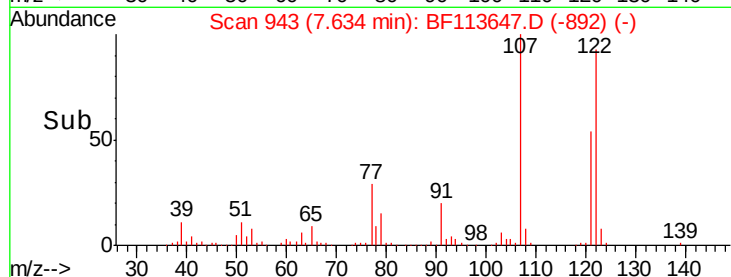
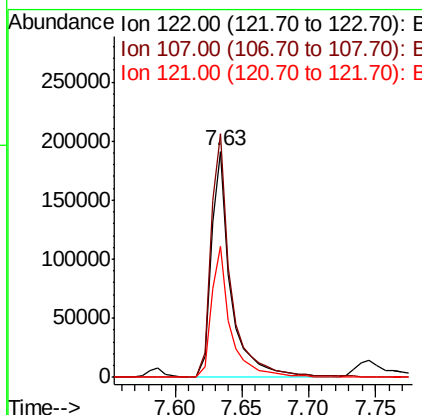
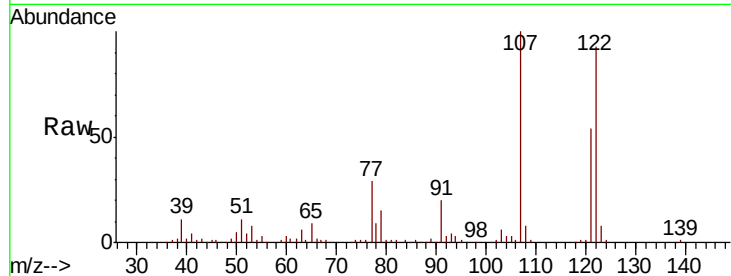
ClientSampled :

HA-040519MS

Tot Ion:	122	Resp:	194137
Ion Ratio	Lower	Upper	
122	100		
107	107.8	88.8	133.2
121	58.0	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 27.043 ng

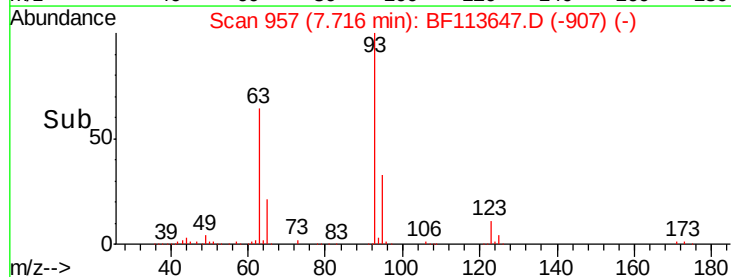
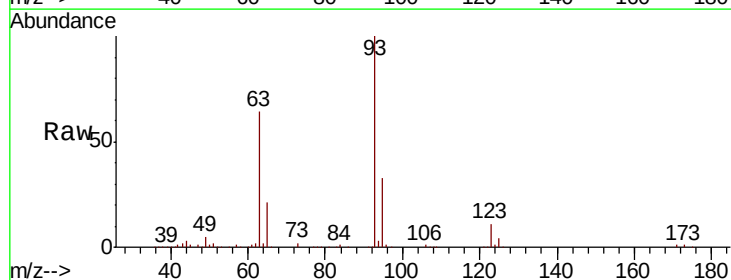
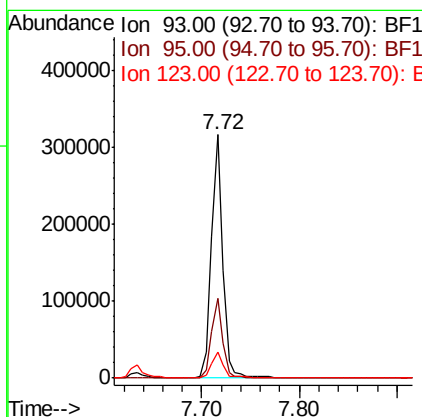
RT: 7.72 min Scan# 957

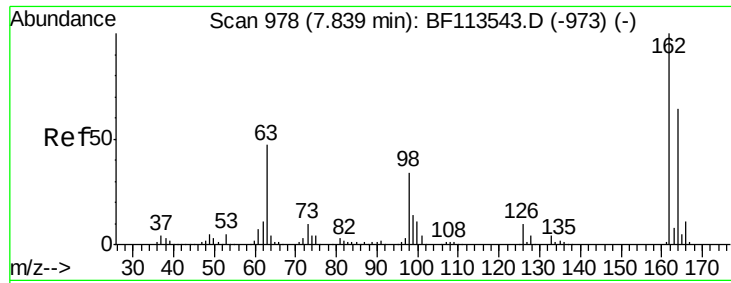
Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion:	93	Resp:	257109
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	10.9	9.1	13.7





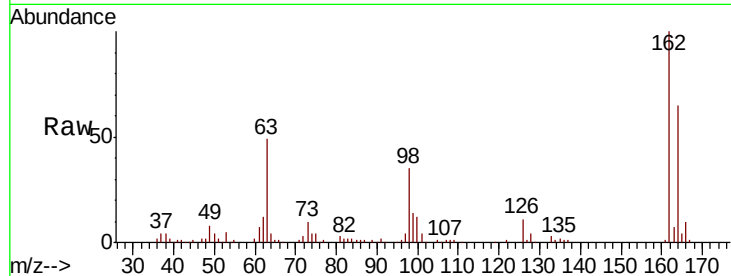
#29
 2,4-Dichlorophenol
 Concen: 28.455 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

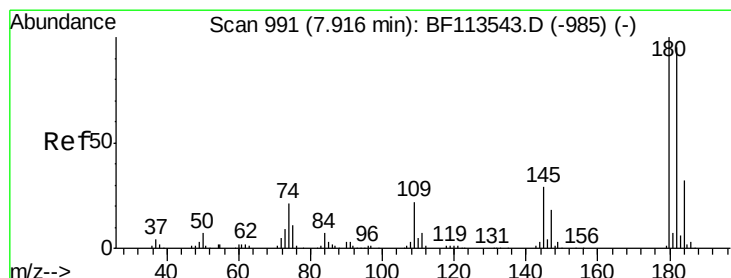
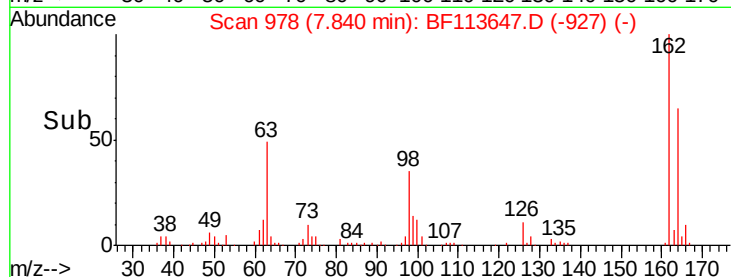
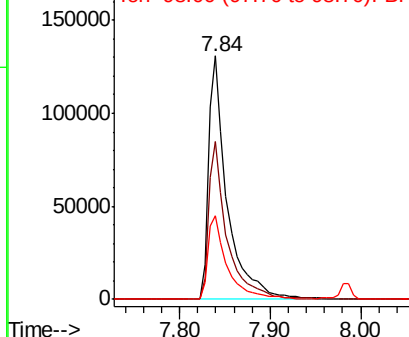
Tot Ion:	162	Resp:	188323
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.6	84.6
98	34.5	15.6	55.6

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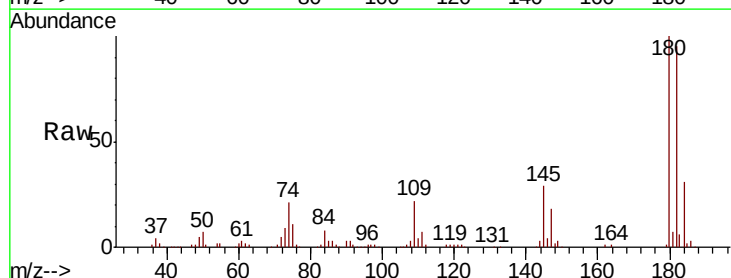


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

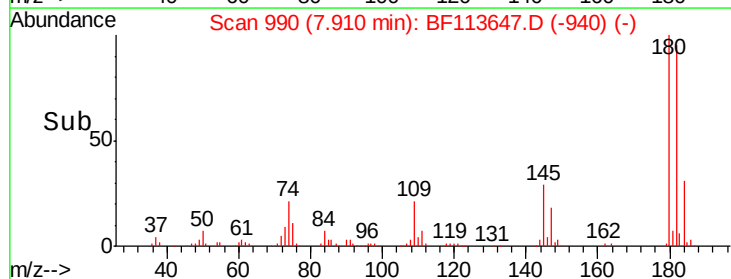
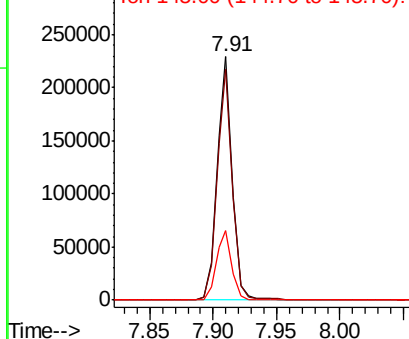


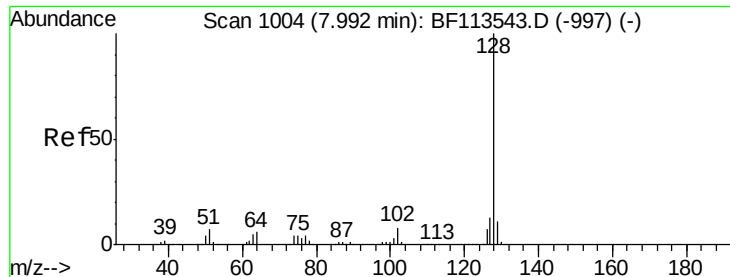
#30
 1,2,4-Trichlorobenzene
 Concen: 26.810 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion:	180	Resp:	192685
Ion Ratio	Lower	Upper	
180	100		
182	94.9	74.6	111.8
145	28.5	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





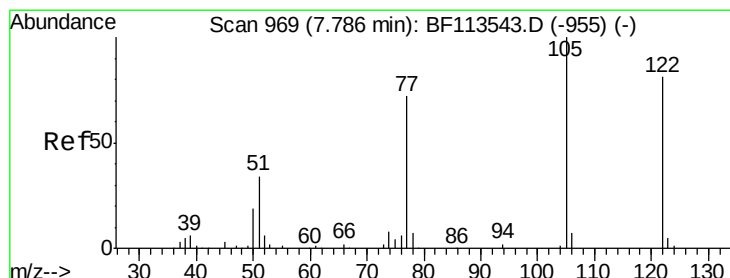
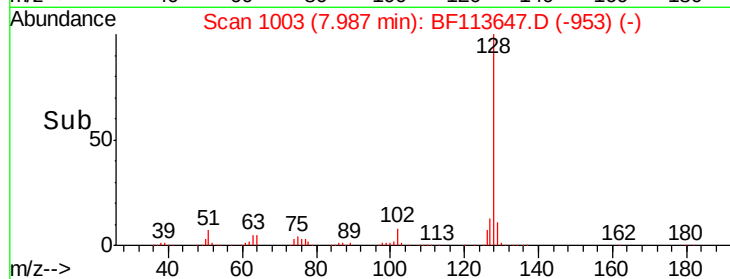
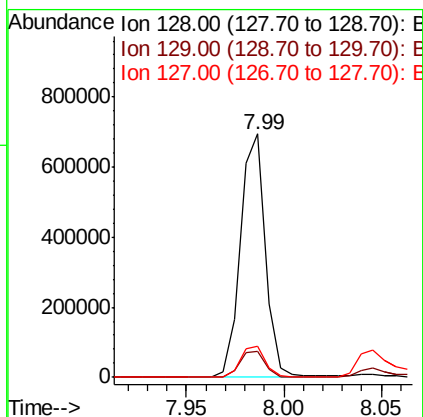
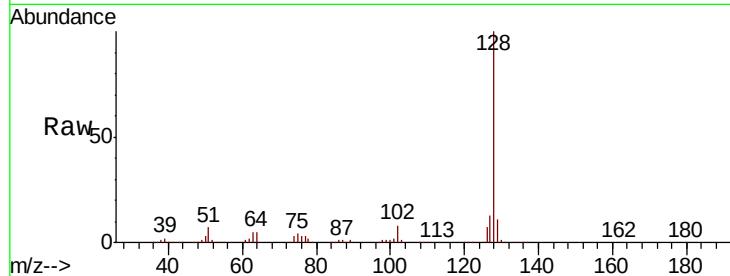
#31
Naphthalene
Concen: 27.905 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.3	13.9
127	12.9	10.9	16.3

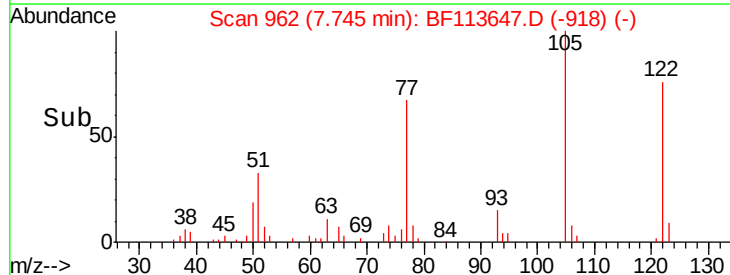
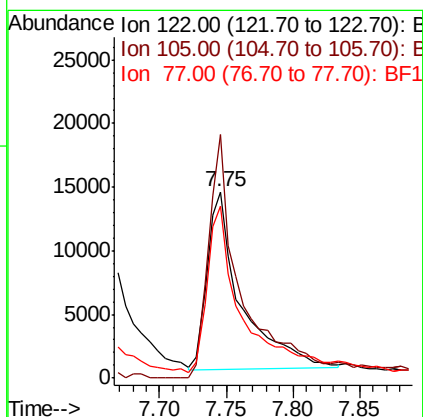
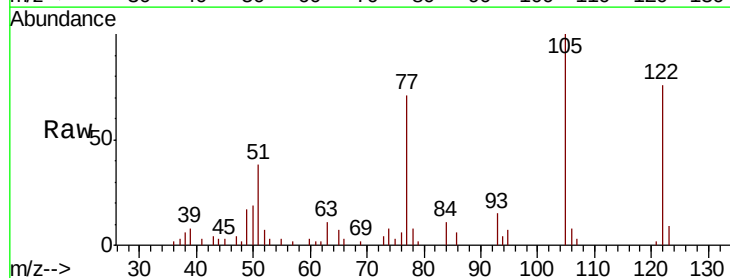
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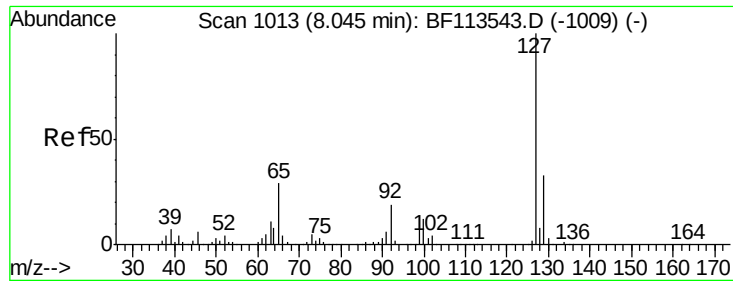
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#32
Benzoic acid
Concen: 5.199 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.04 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.8	100.4	140.4
77	92.6	69.0	109.0





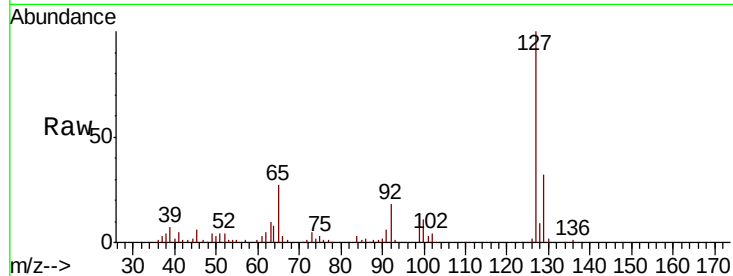
#33
4-Chloroaniline
Concen: 12.720 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

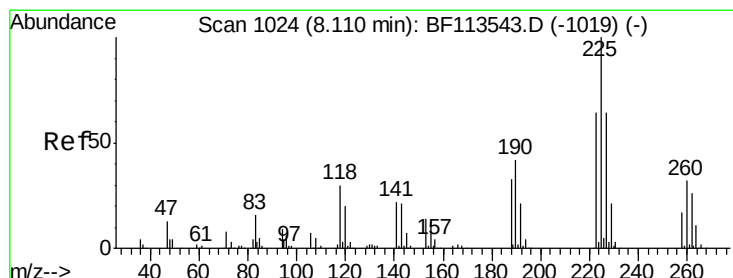
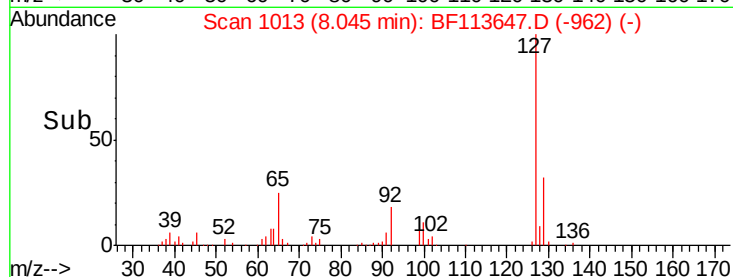
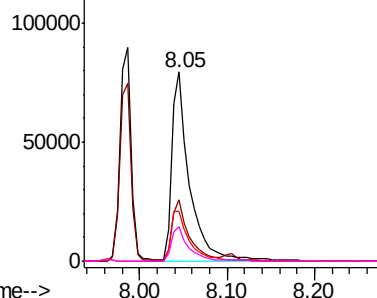
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	26.7	24.2	36.4		
92	18.1	15.0	22.6		

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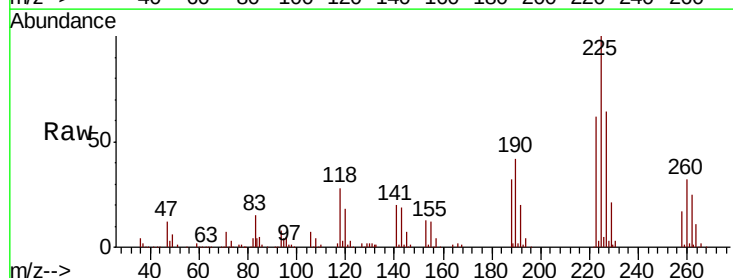


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

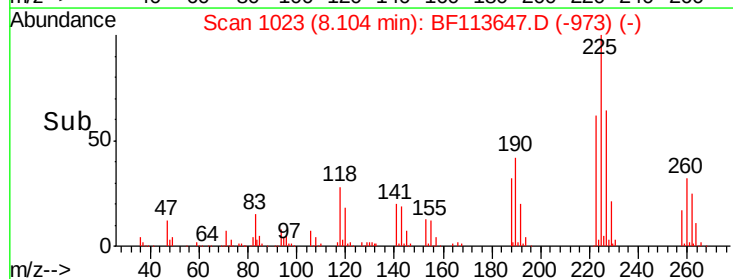
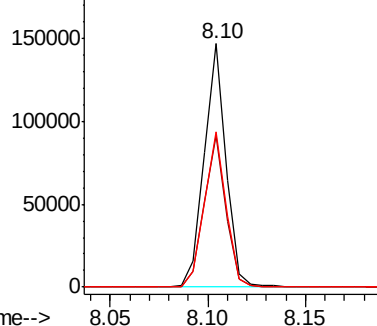


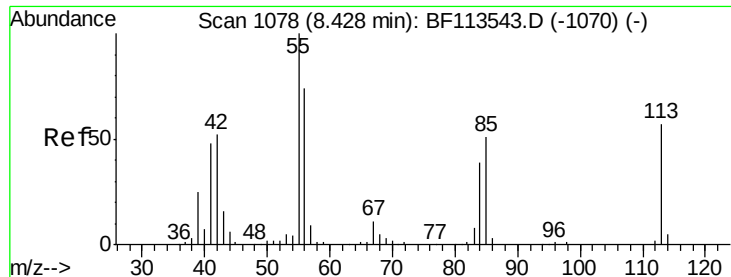
#34
Hexachlorobutadiene
Concen: 25.829 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	51.4	77.2		
227	63.9	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





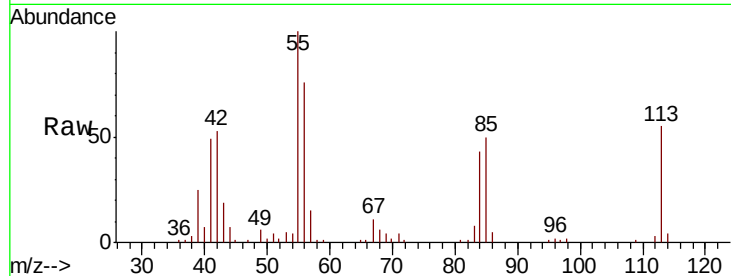
#35
 Caprolactam
 Concen: 28.529 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.03 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampleID :
 HA-040519MS

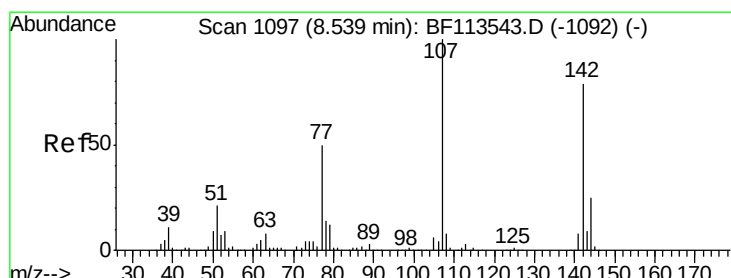
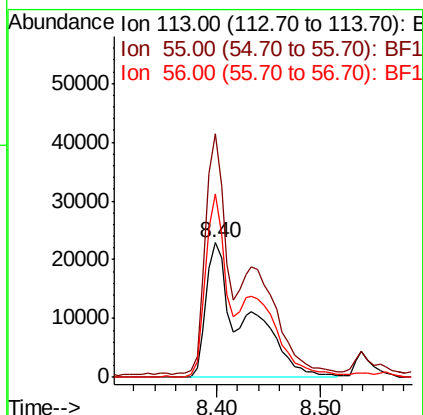
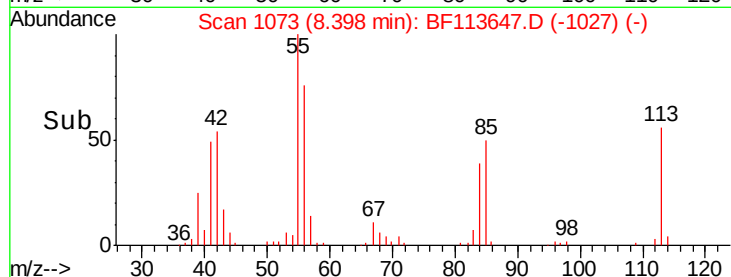
Tot Ion: 113 Resp: 59936
 Ion Ratio Lower Upper
 113 100
 55 181.3 152.7 192.7
 56 136.9 108.3 148.3

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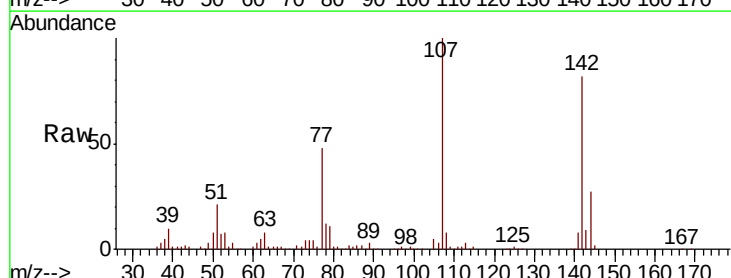


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

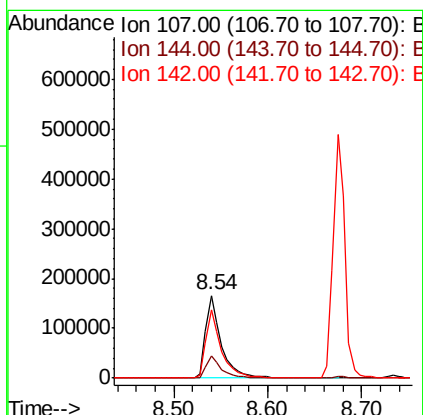
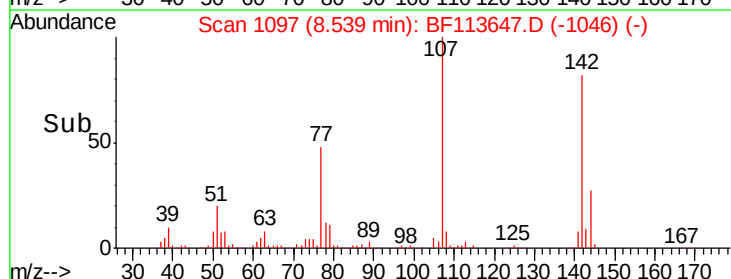


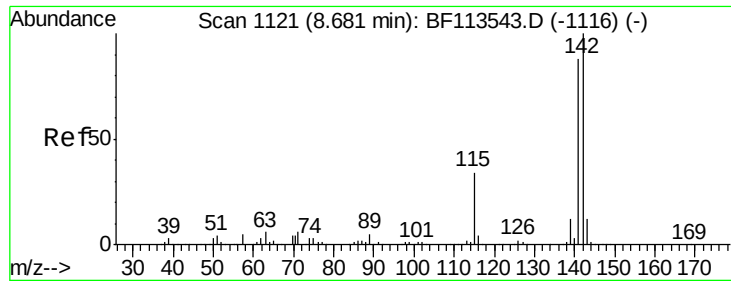
#36
 4-Chloro-3-methylphenol
 Concen: 29.084 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion: 107 Resp: 193224
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.4 32.0
 142 81.6 65.6 98.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





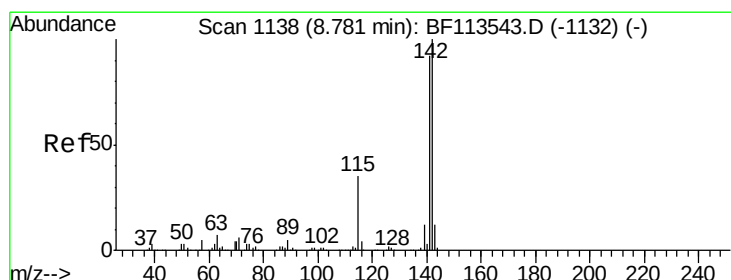
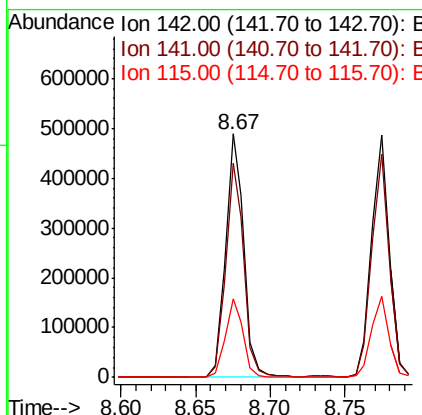
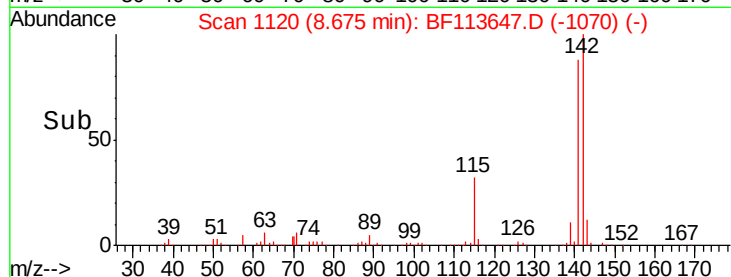
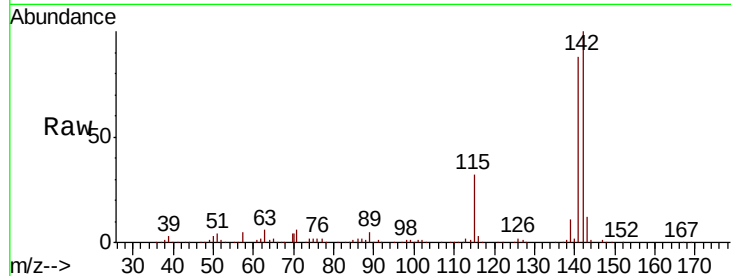
#37
2-Methylnaphthalene
Concen: 28.998 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.0	106.6
115	32.5	26.6	39.8

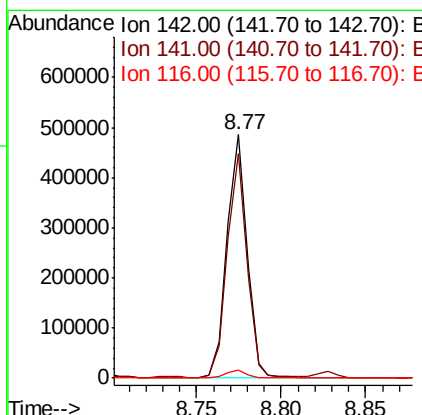
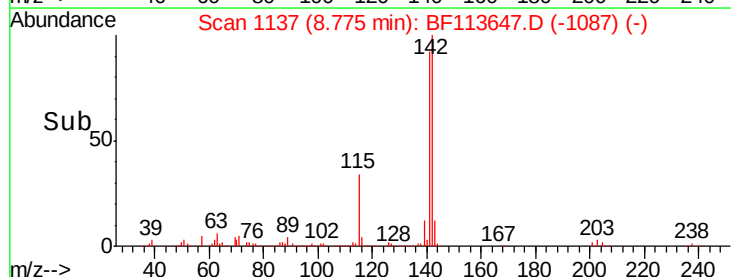
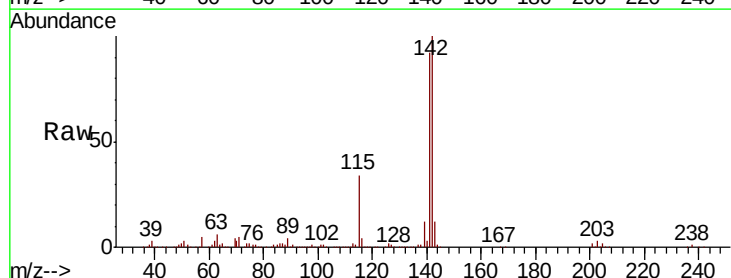
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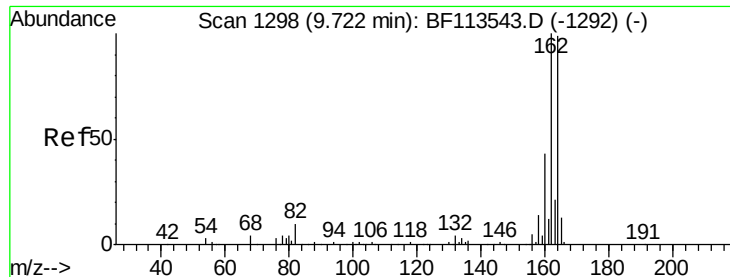
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#38
1-Methylnaphthalene
Concen: 28.438 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8
116	3.5	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

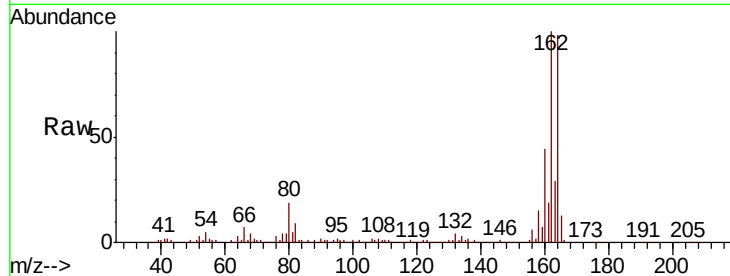
ClientSampleId :

HA-040519MS

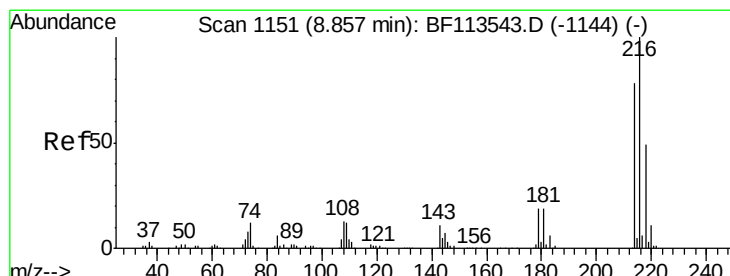
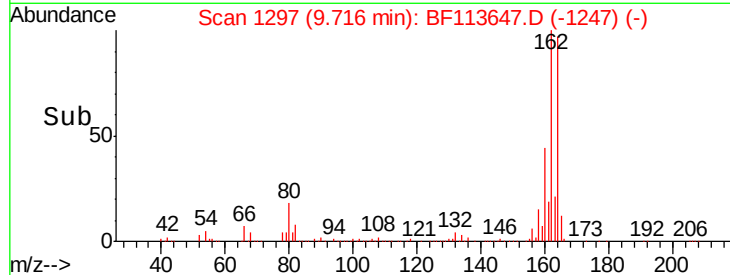
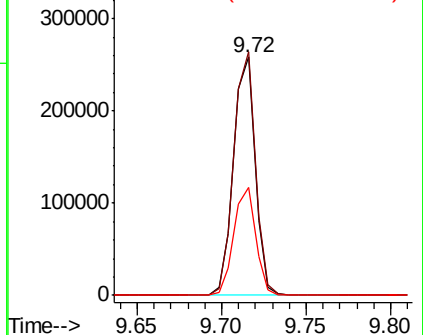
Tot Ion:	164	Resp:	230323
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.8	122.6
160	45.5	36.4	54.6

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.823 ng

RT: 8.85 min Scan# 1149

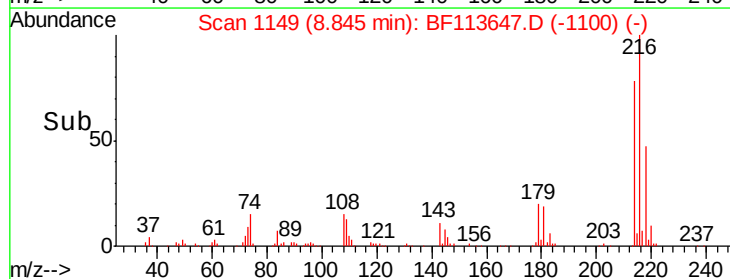
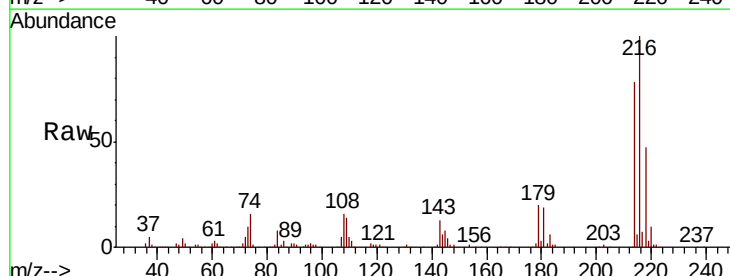
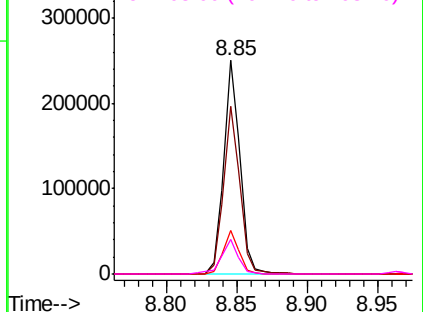
Delta R.T. -0.01 min

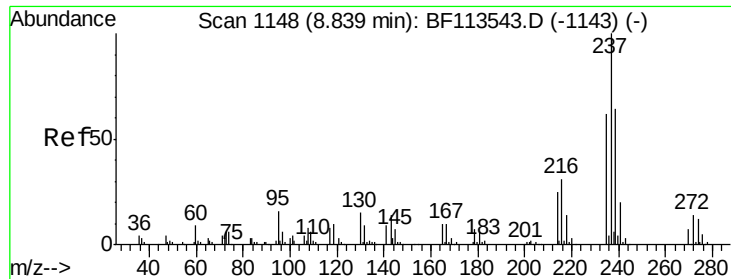
Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion:	216	Resp:	199802
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.6
179	19.9	16.8	25.2
108	17.2	13.8	20.6

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





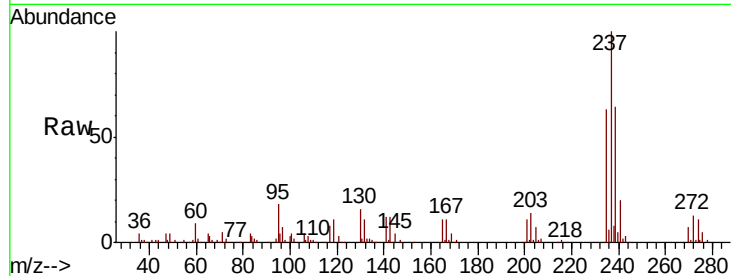
#41
Hexachlorocyclopentadiene
Concen: 41.169 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

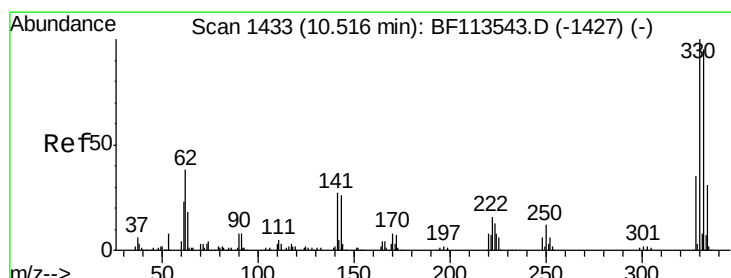
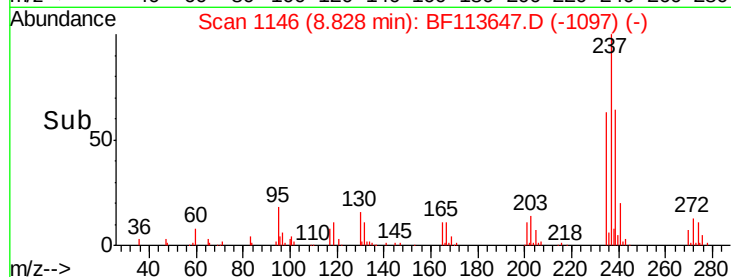
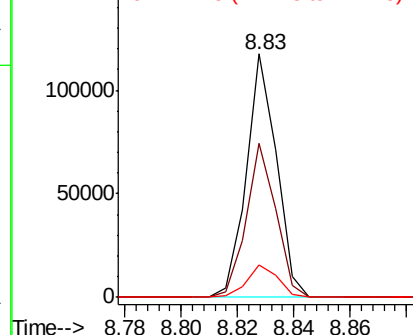
Tot Ion:	237	Resp:	86989
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.4	83.4
272	13.4	0.0	33.7

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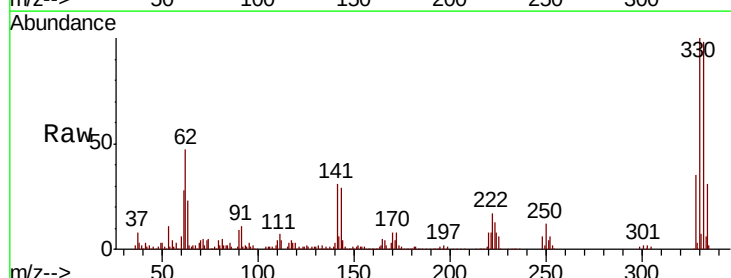


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

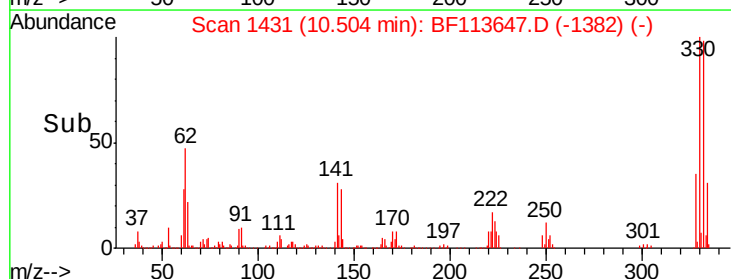
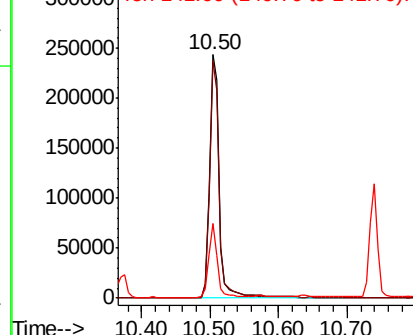


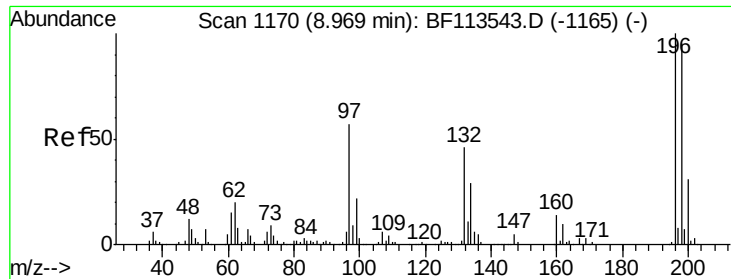
#42
2,4,6-Tribromophenol
Concen: 90.335 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion:	330	Resp:	249933
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.8	116.6
141	26.9	22.7	34.1



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





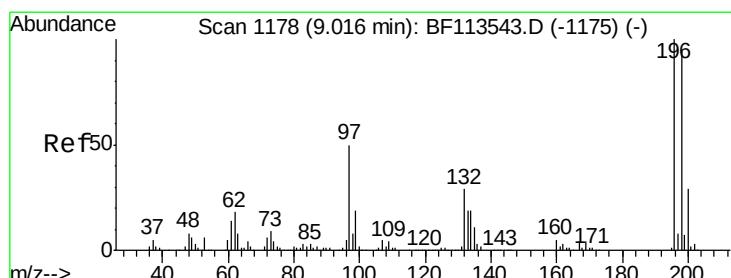
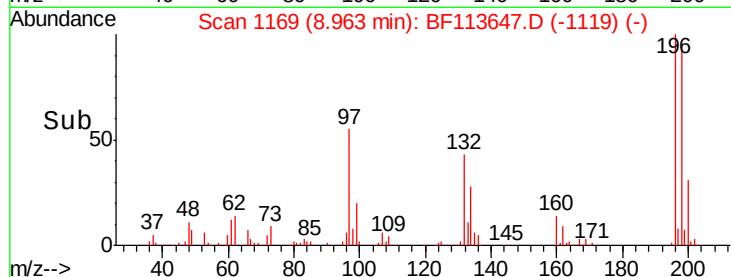
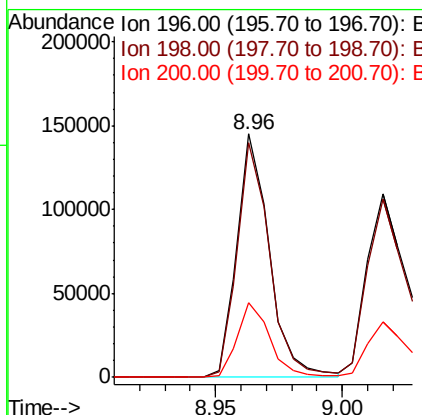
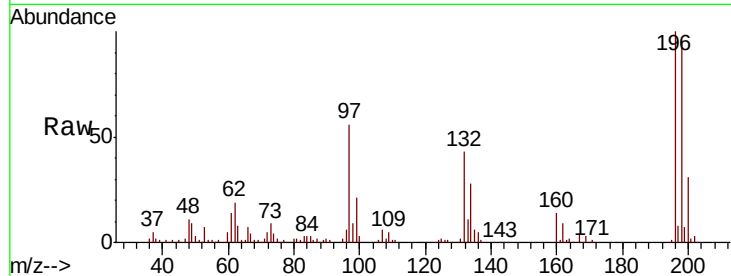
#43
 2,4,6-Trichlorophenol
 Concen: 27.506 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

Tot Ion:	196	Resp:	129331
Ion Ratio	Lower	Upper	
196	100		
198	96.2	77.7	116.5
200	30.7	24.9	37.3

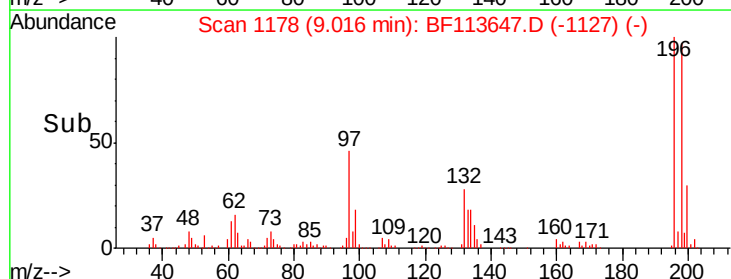
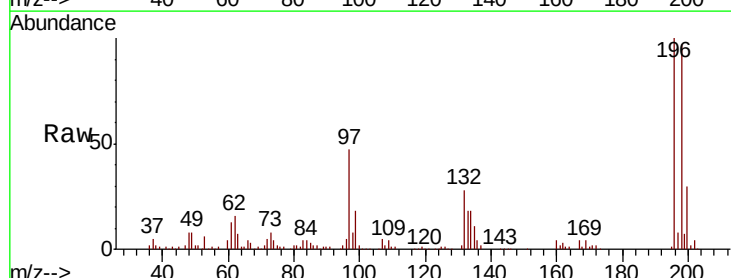
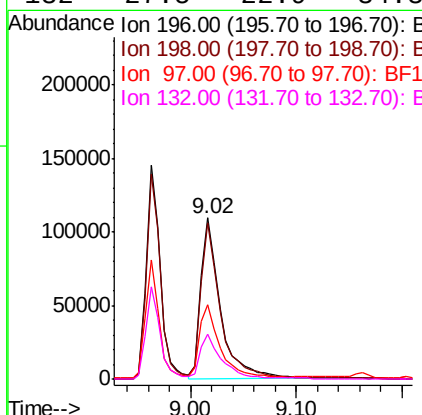
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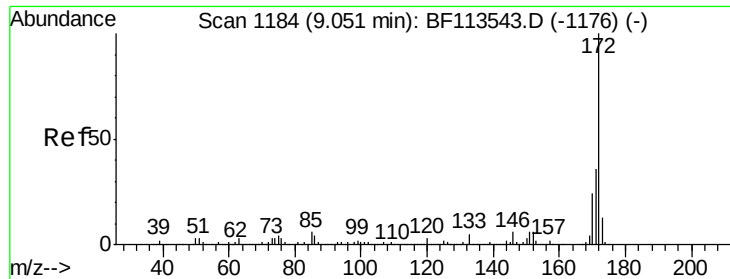
Sohil
 4/9/2019 10:15:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 28.011 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion:	196	Resp:	141399
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.4	113.2
97	46.6	38.6	58.0
132	27.5	22.9	34.3





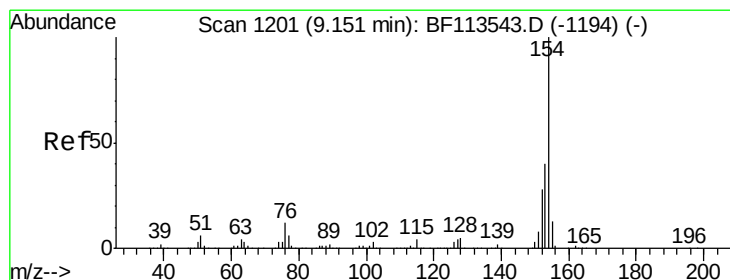
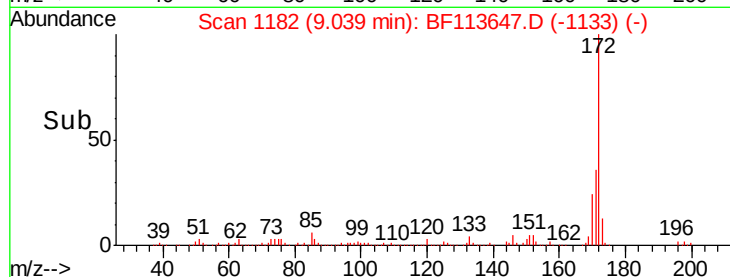
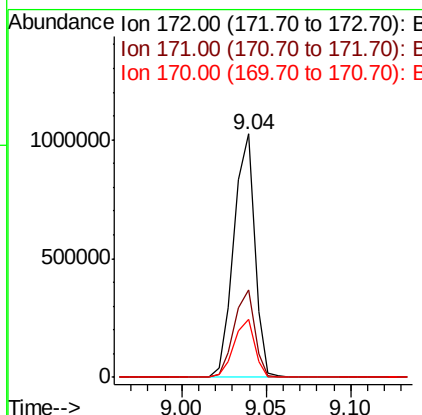
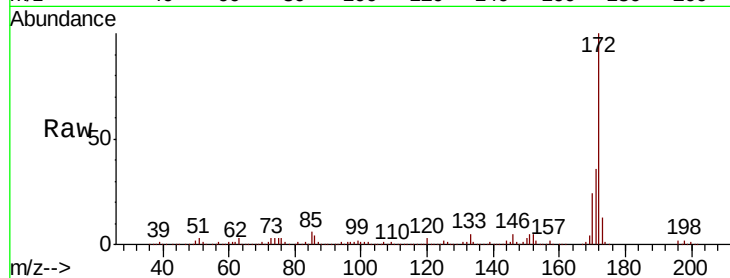
#45
2-Fluorobiphenyl
Concen: 61.630 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampled :
HA-040519MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.0	43.6	
170	24.0	19.5	29.3	

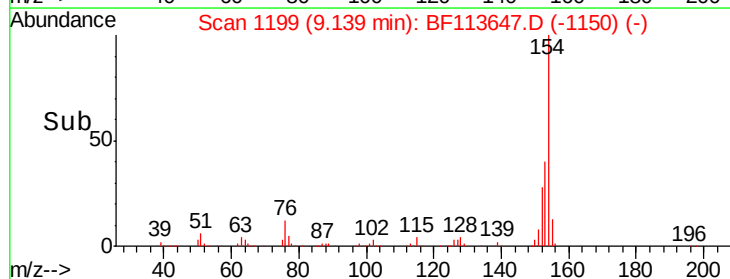
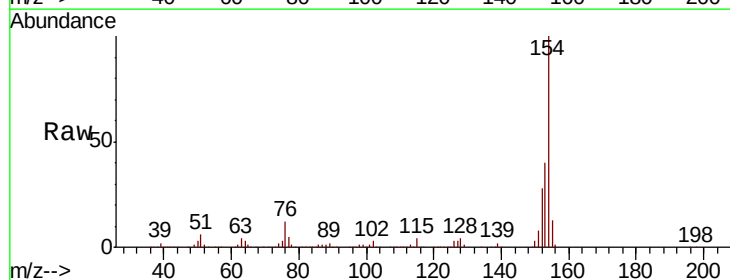
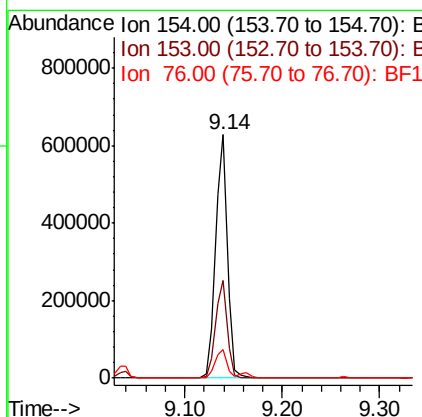
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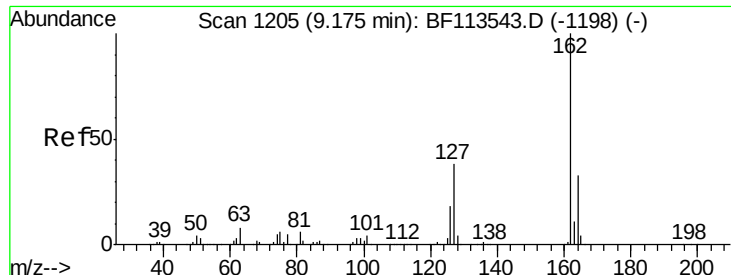
Sohil
4/9/2019 10:15:54 AM



#46
1,1'-Biphenyl
Concen: 27.606 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	20.8	60.8	
76	11.5	0.0	31.9	





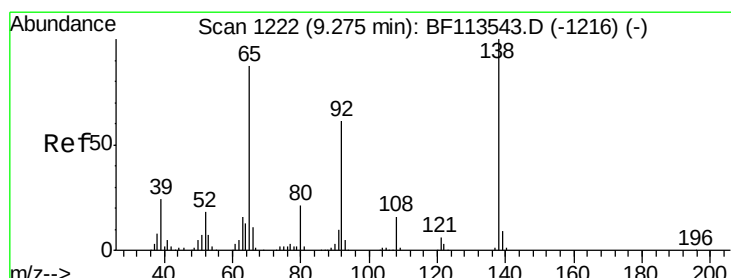
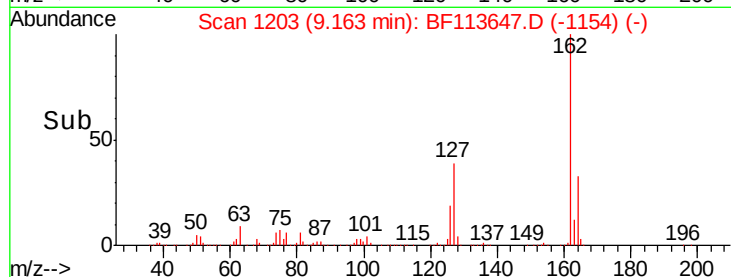
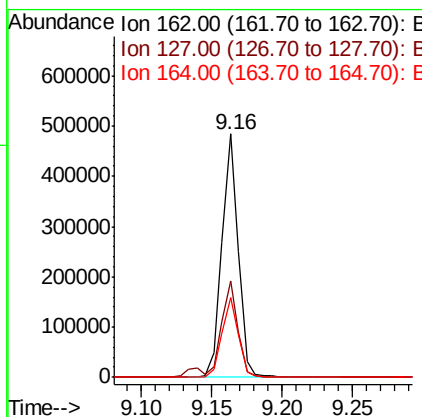
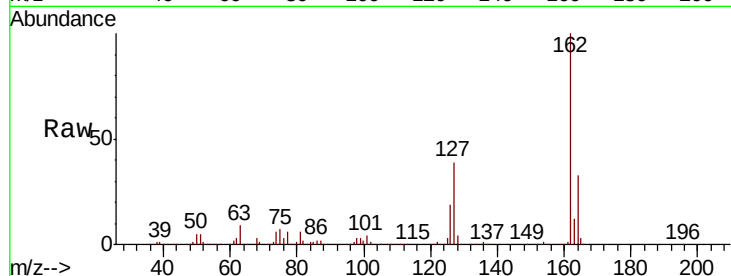
#47
 2-Chloronaphthalene
 Concen: 27.081 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.4	32.6	49.0		
164	32.7	26.6	39.8		

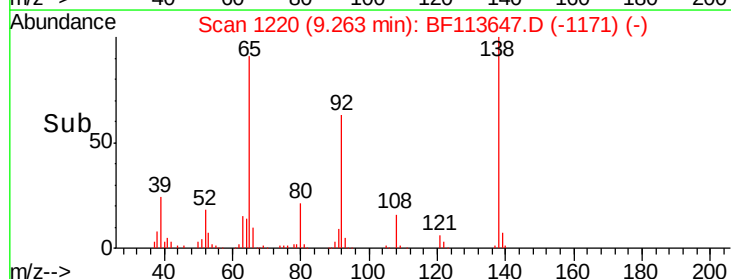
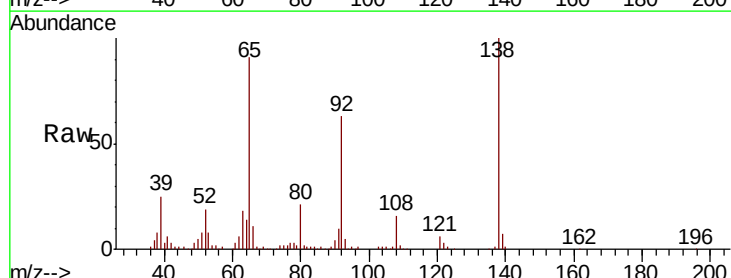
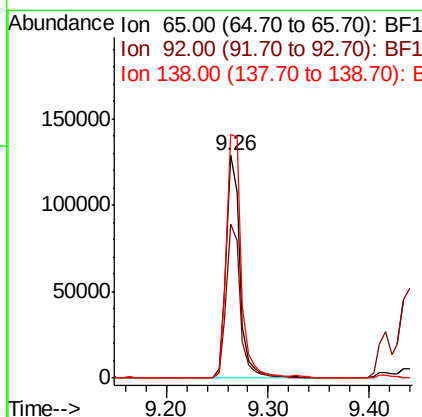
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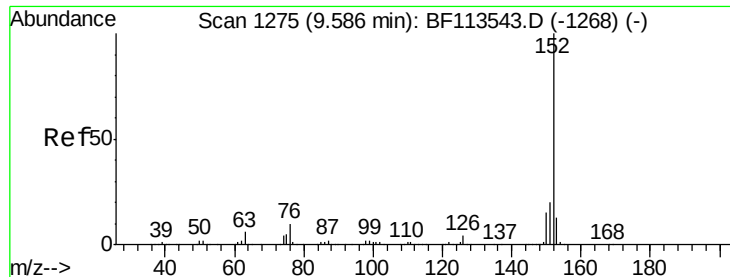
Sohil
 4/9/2019 10:15:54 AM



#48
 2-Nitroaniline
 Concen: 28.236 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	69.4	56.8	85.2		
138	109.3	92.3	138.5		





#49

Acenaphthylene

Concen: 27.832 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

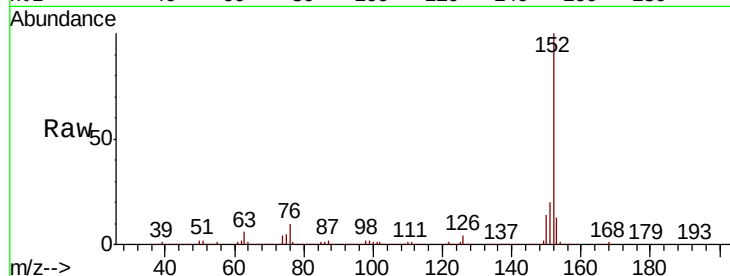
ClientSampleId :

HA-040519MS

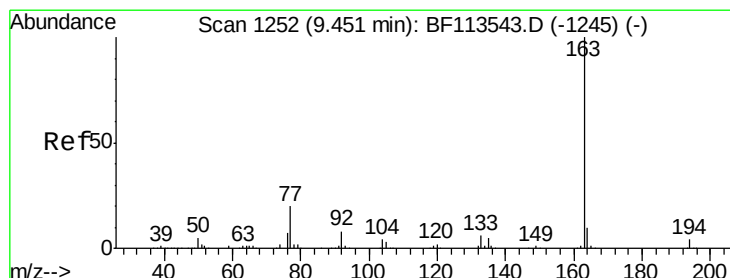
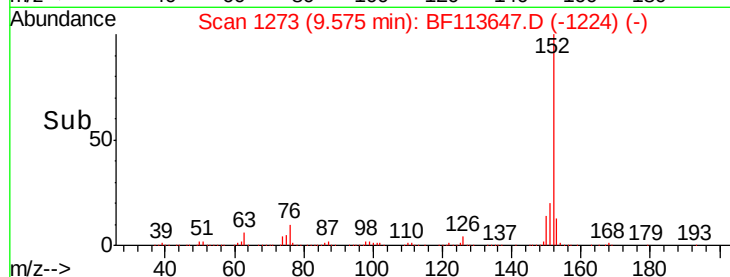
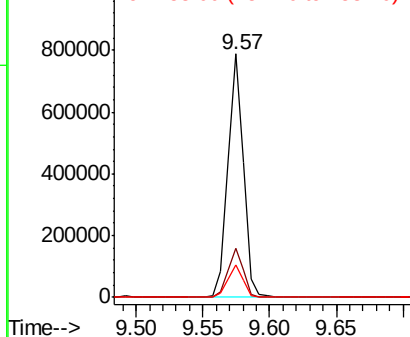
Tot Ion:	152	Resp:	651274
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.1	11.0	16.6

Manual Integrations
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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: 32.433 ng

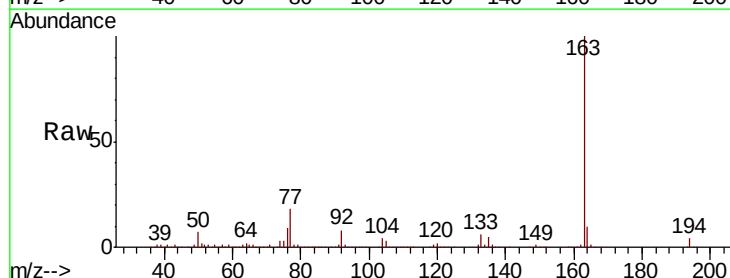
RT: 9.44 min Scan# 1250

Delta R.T. -0.01 min

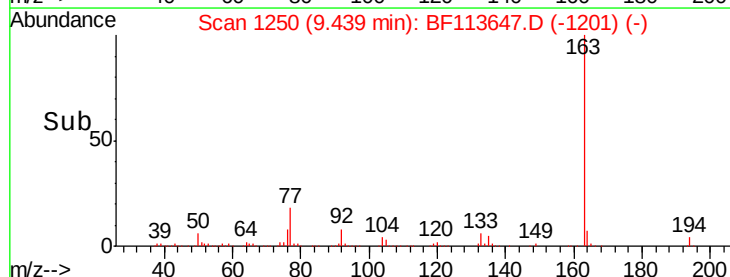
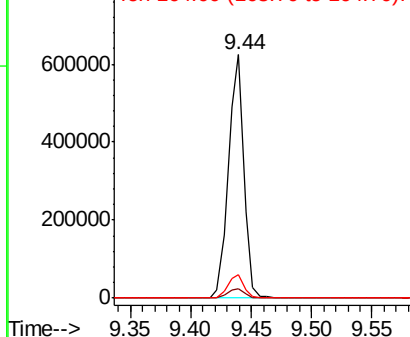
Lab File: BF113647.D

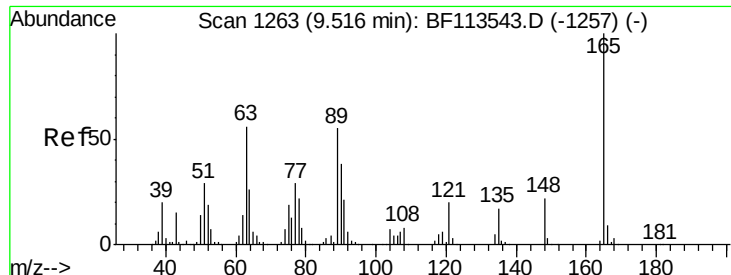
Acq: 8 Apr 2019 18:58

Tgt Ion:	163	Resp:	550652
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	9.7	8.1	12.1



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: 28.276 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

ClientSampleId :

HA-040519MS

Tot Ion:165 Resp: 105819

Ion Ratio Lower Upper

165 100

63 58.7 43.4 65.0

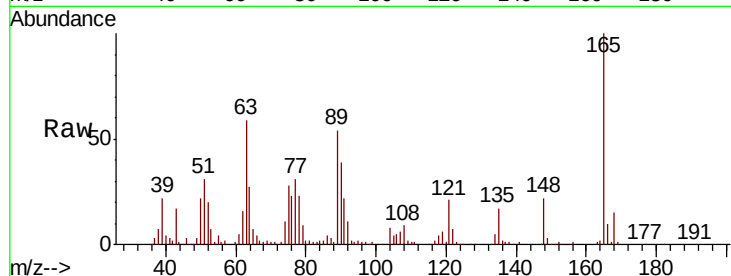
89 54.2 43.1 64.7

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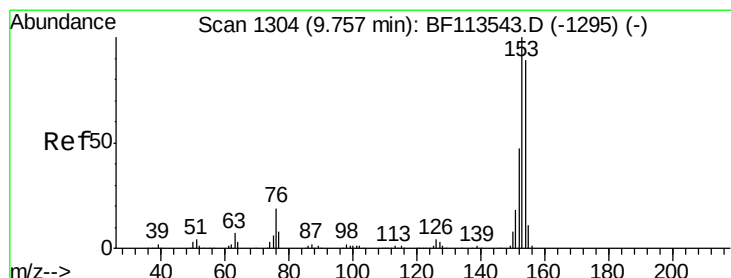
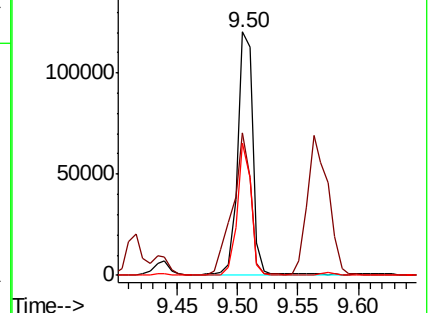
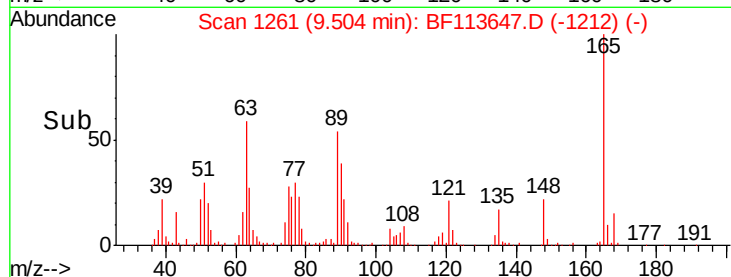
4/9/2019 10:15:54 AM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 27.789 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

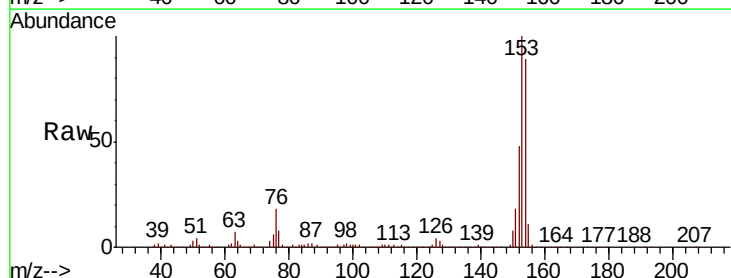
Tgt Ion:154 Resp: 372231

Ion Ratio Lower Upper

154 100

153 112.1 89.5 134.3

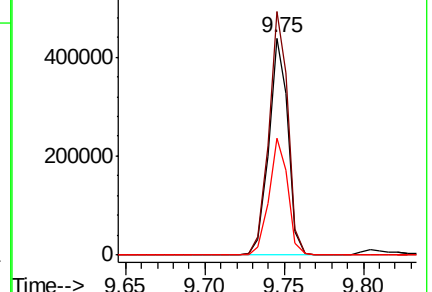
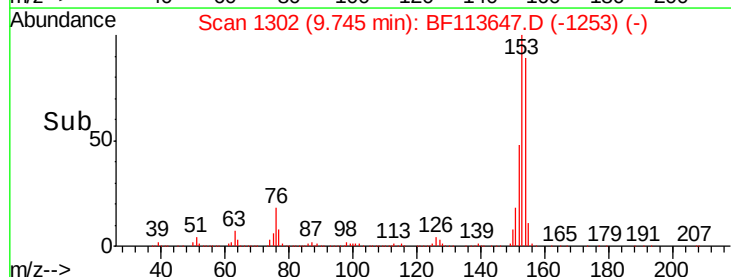
152 53.9 43.3 64.9

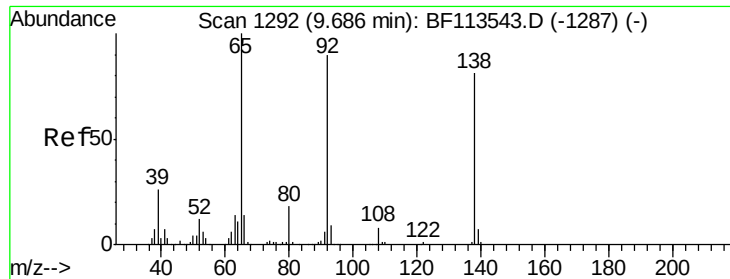


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





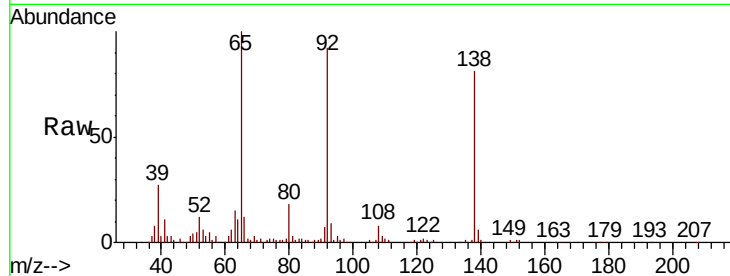
#53
3-Nitroaniline
Concen: 20.550 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	113.5	82.6	124.0

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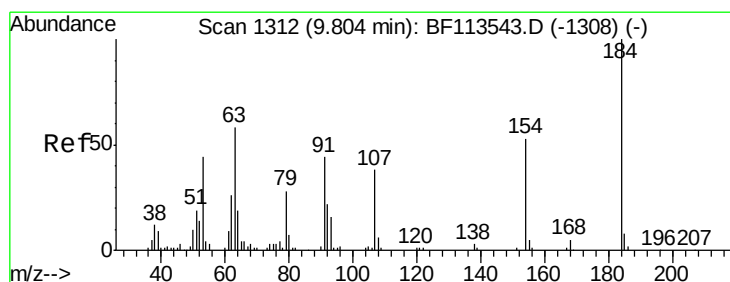
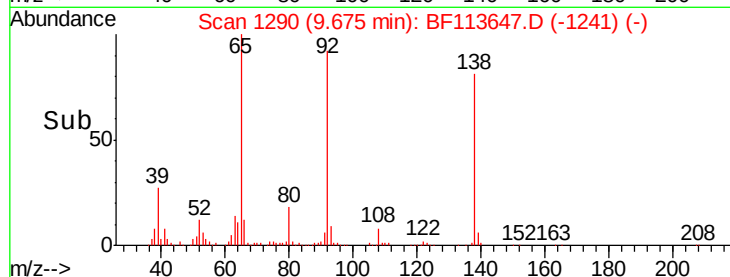
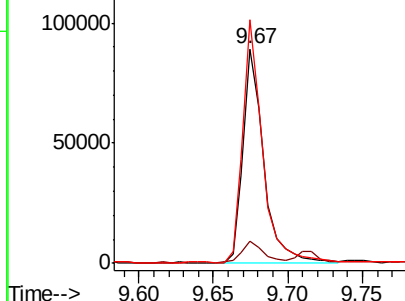


Abundance

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: 19.139 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

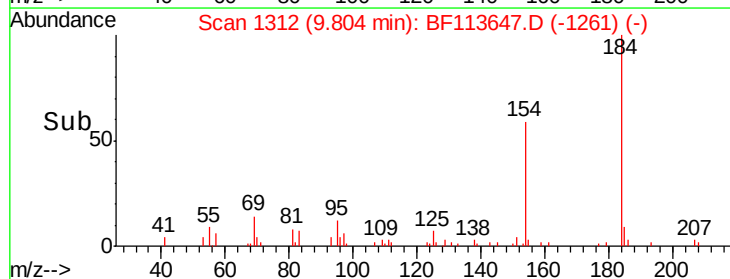
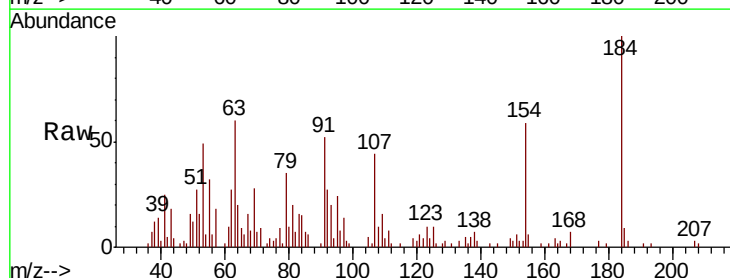
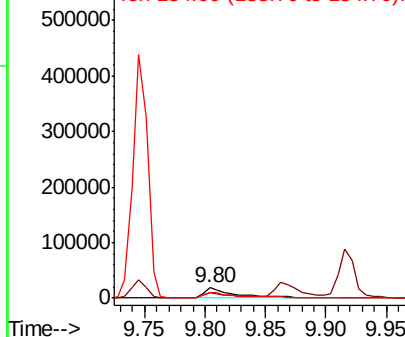
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.1	54.3	81.5
154	59.2	48.4	72.6

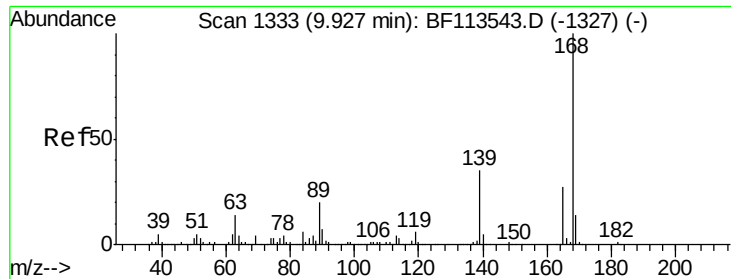
Abundance

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





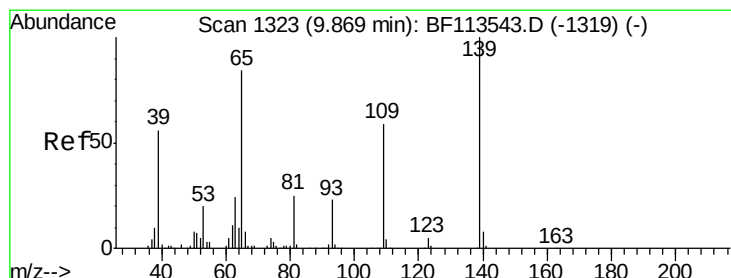
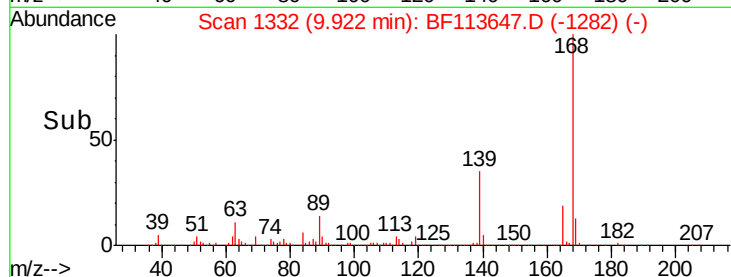
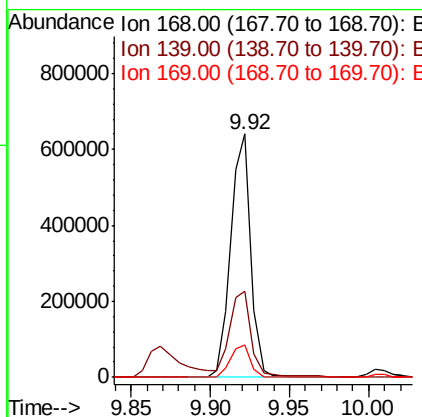
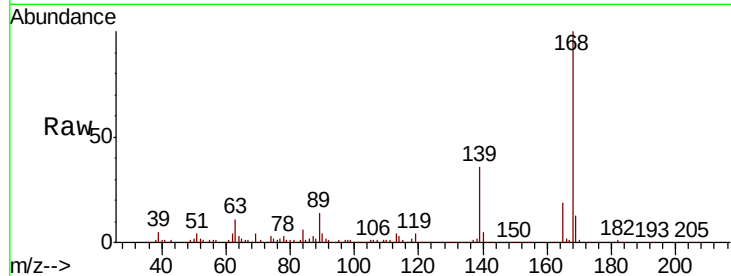
#55
Dibenzofuran
Concen: 28.570 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	29.7	44.5
169	13.4	10.7	16.1

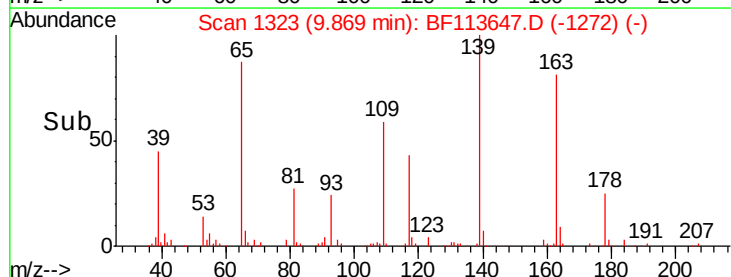
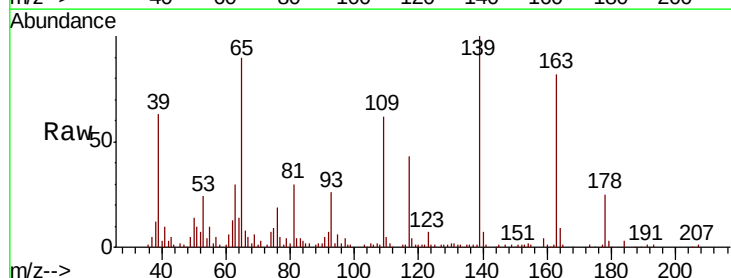
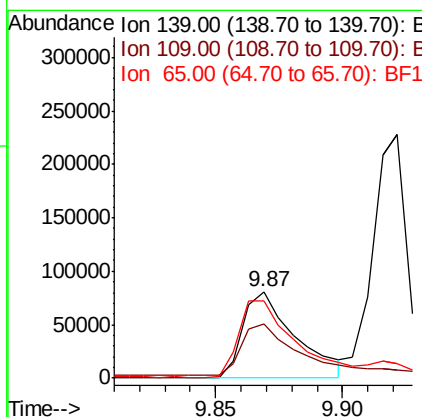
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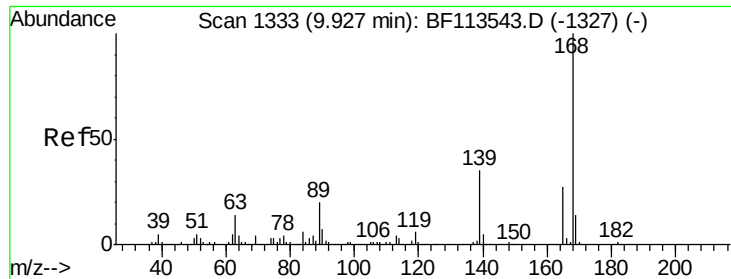
Sohil
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#56
4-Nitrophenol
Concen: 43.781 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	46.9	86.9
65	89.7	77.2	117.2





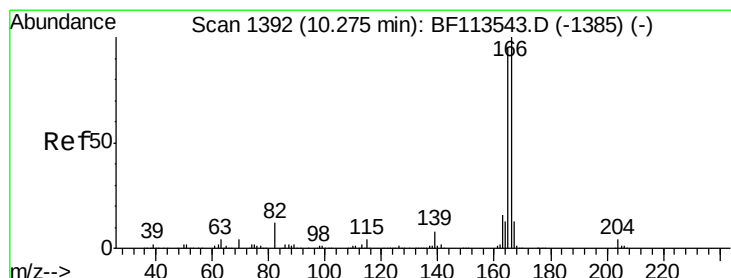
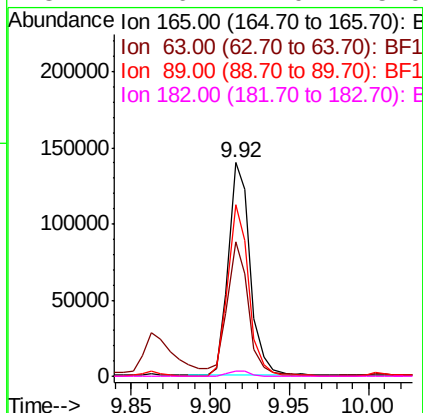
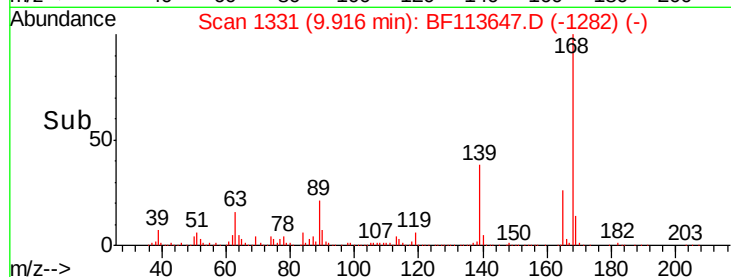
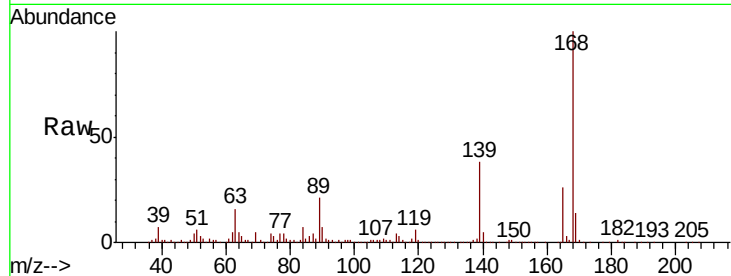
#57
2,4-Dinitrotoluene
Concen: 29.189 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.9	37.5	56.3	
89	80.1	57.4	86.2	
182	2.6	2.0	3.0	

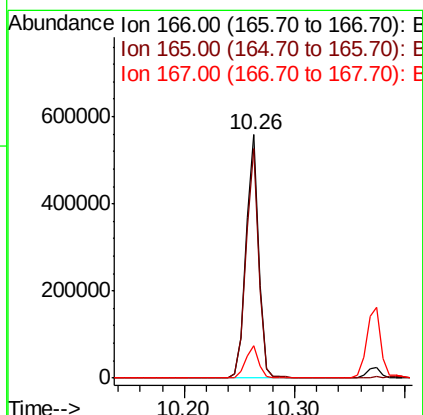
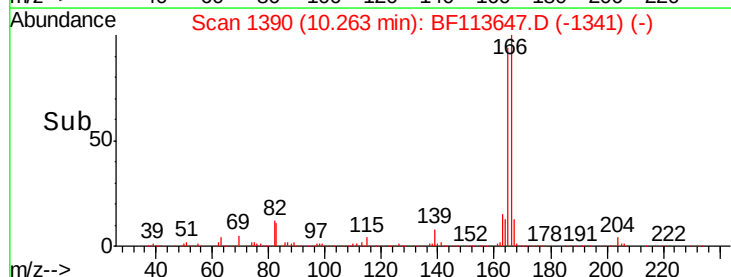
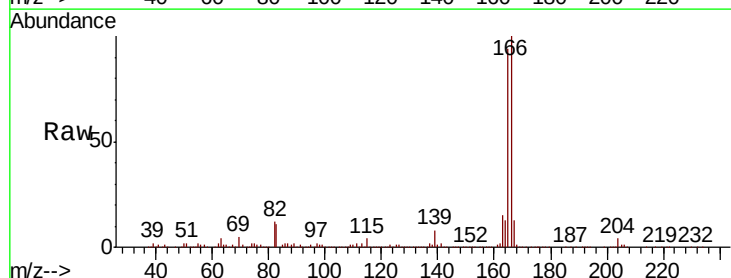
Manual Integrations
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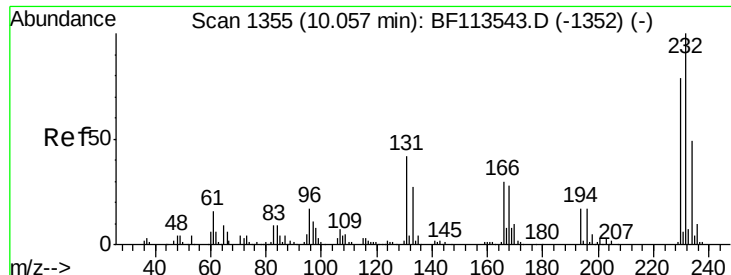
Sohil
4/9/2019 10:15:54 AM



#58
Fluorene
Concen: 28.969 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.4	76.2	114.2	
167	13.3	10.7	16.1	





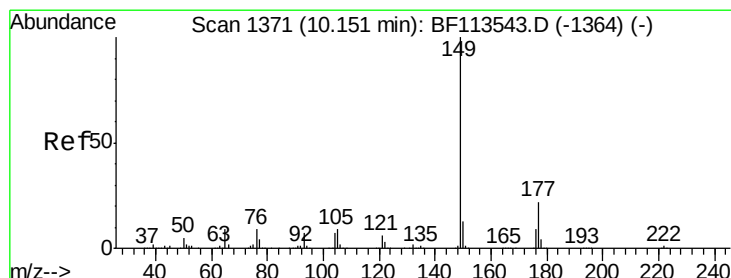
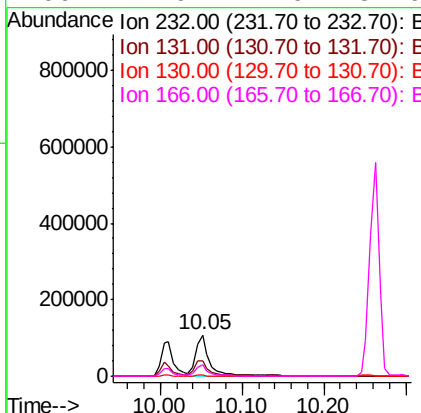
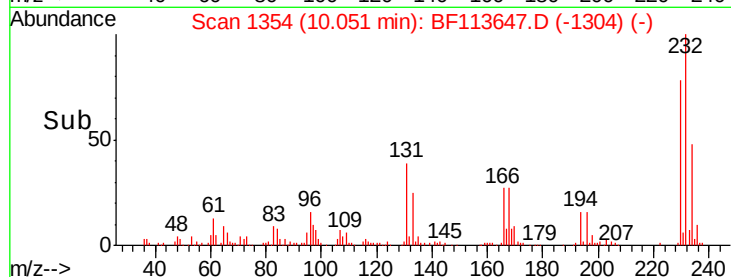
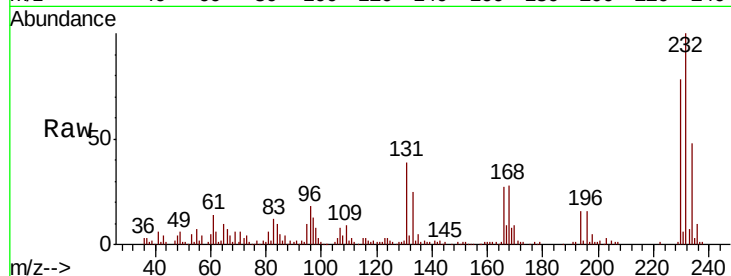
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 28.953 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		126510		
131	37.8	33.2	49.8		
130	2.3	1.6	2.4		
166	24.9	21.0	31.6		

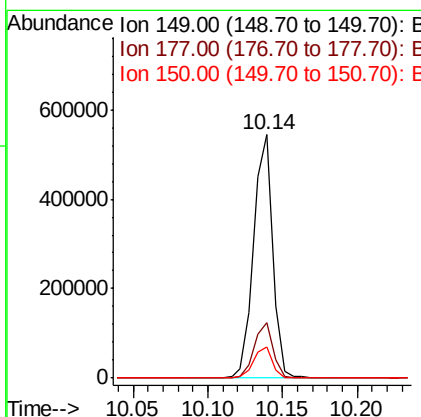
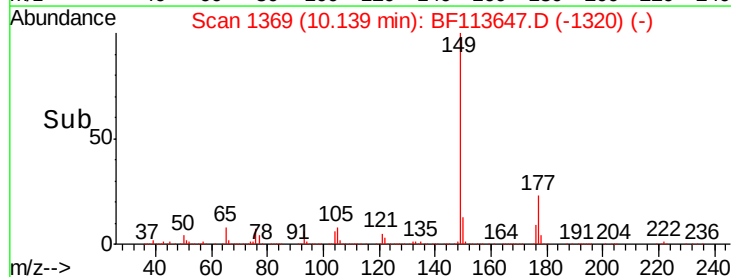
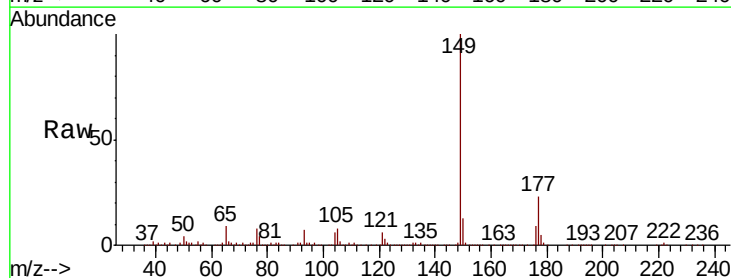
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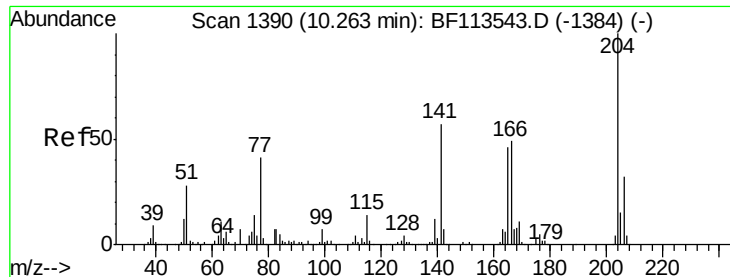
Sohil
 4/9/2019 10:15:54 AM



#60
 Diethylphthalate
 Concen: 28.972 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		474248		
177	22.7	17.4	26.0		
150	12.6	10.0	15.0		





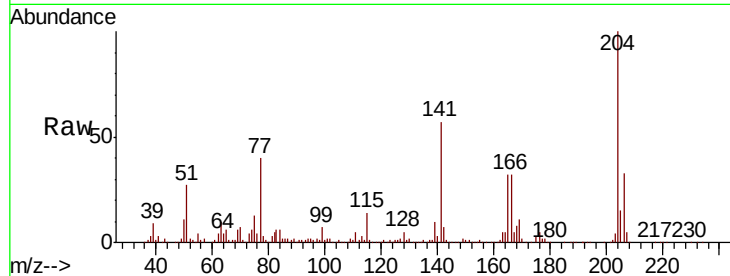
#61
 4-Chlorophenyl-phenylether
 Concen: 29.441 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

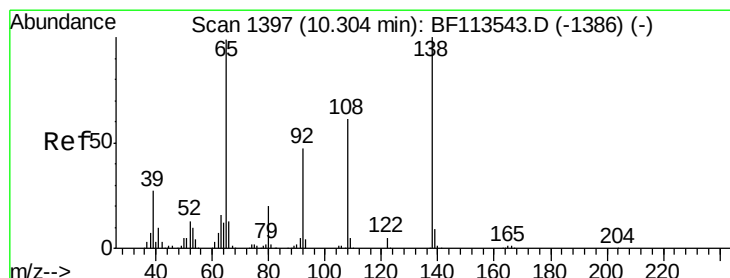
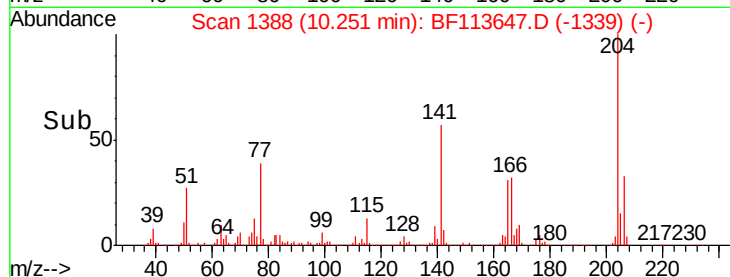
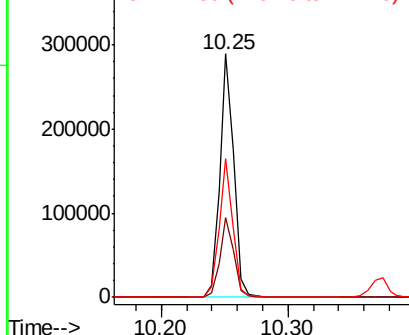
Tot Ion:	204	Resp:	225045
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.9	40.3
141	56.8	48.8	73.2

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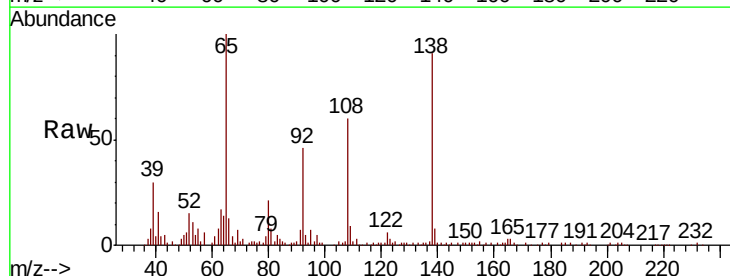


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

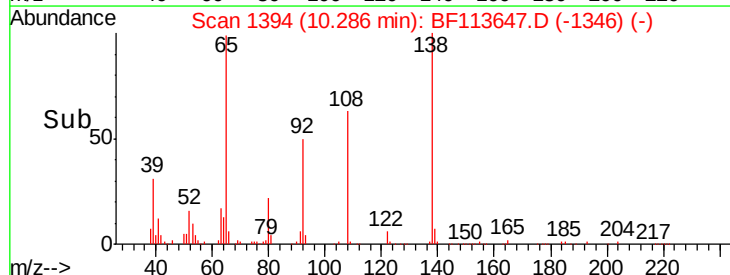
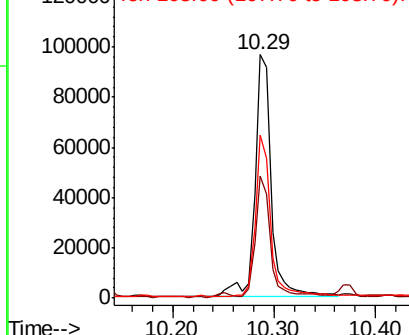


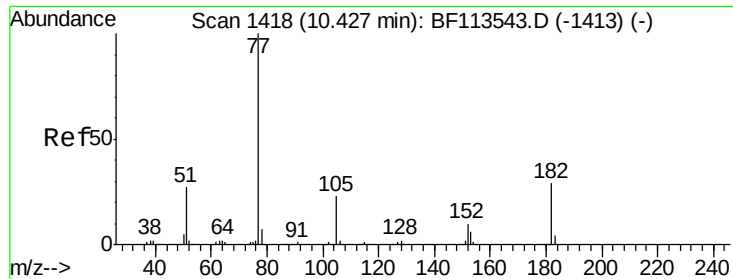
#62
 4-Nitroaniline
 Concen: 24.836 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion:	138	Resp:	107461
Ion Ratio	Lower	Upper	
138	100		
92	50.2	25.8	65.8
108	66.7	44.0	84.0



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





#63

Azobenzene

Concen: 27.064 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

ClientSampleId :

HA-040519MS

Tot Ion: 77 Resp: 419462

Ion Ratio Lower Upper

77 100

182 23.8 8.7 48.7

105 22.7 2.9 42.9

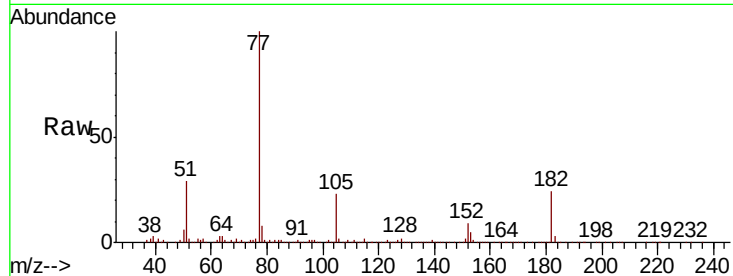
51 29.4 8.8 48.8

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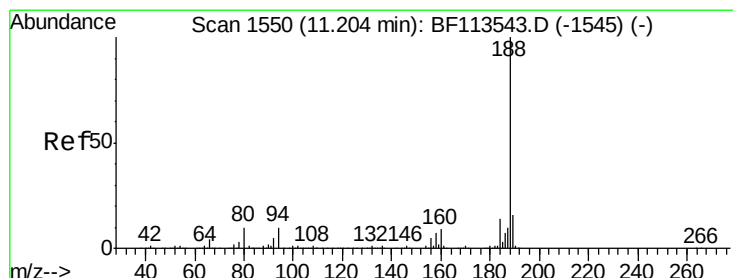
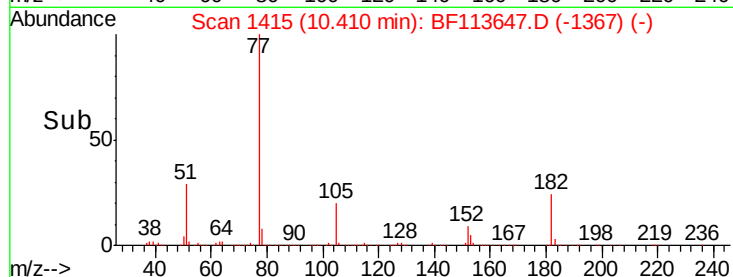
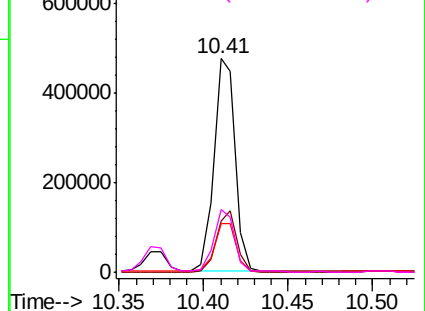


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

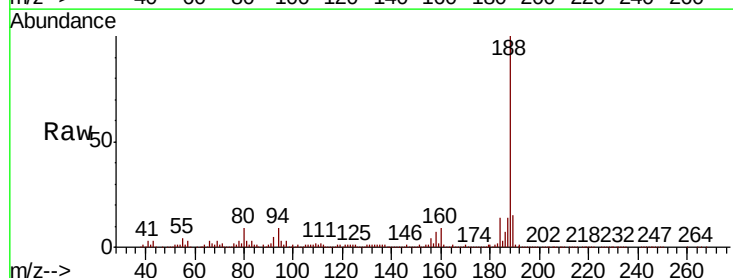
Tgt Ion: 188 Resp: 457661

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

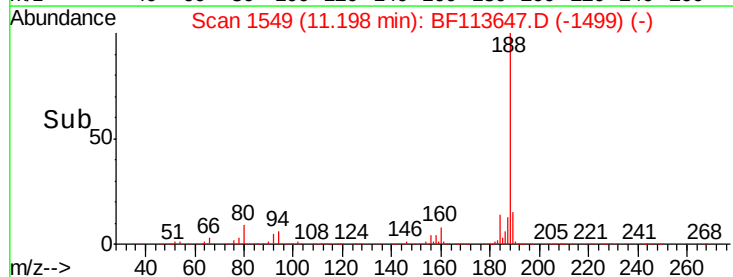
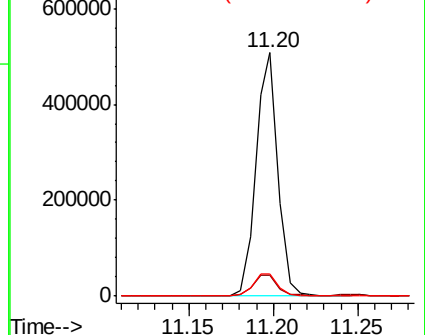
80 9.2 7.7 11.5

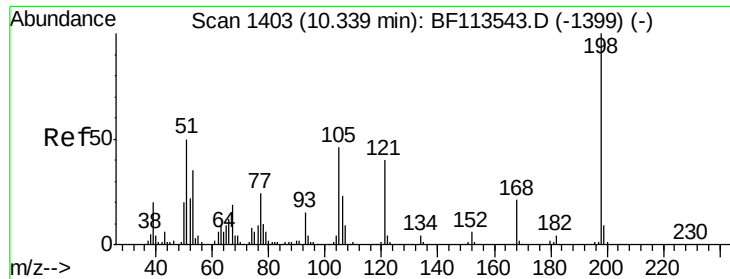


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





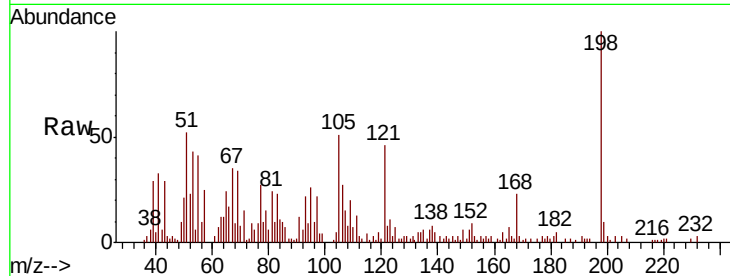
#65
4,6-Dinitro-2-methylphenol
Concen: 13.237 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	31894		
51	51.8	21.6	61.6	
105	51.1	20.6	60.6	

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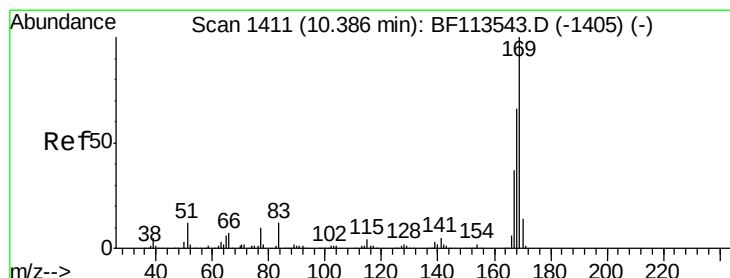
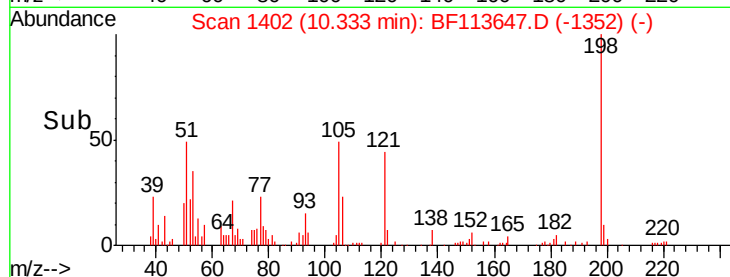
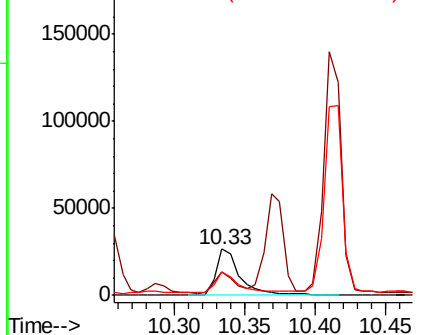


Abundance

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: 28.388 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

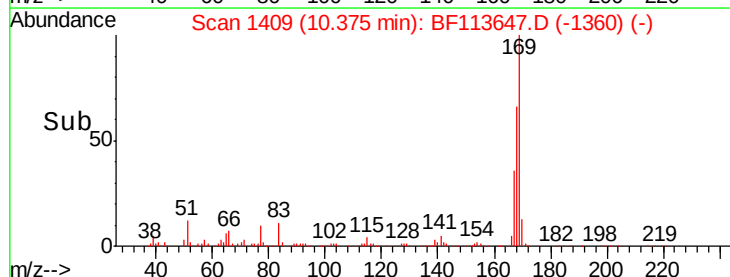
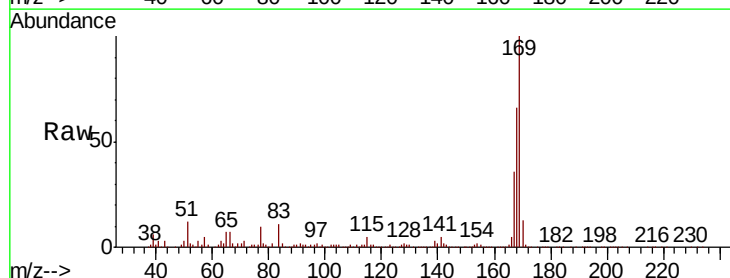
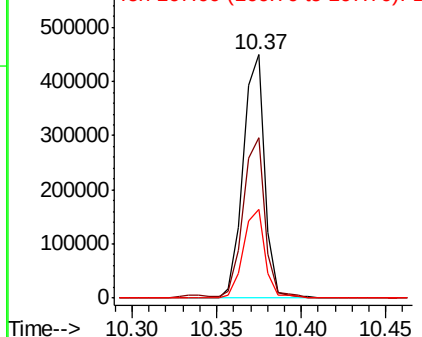
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	398852		
168	65.9	53.7	80.5	
167	36.2	29.5	44.3	

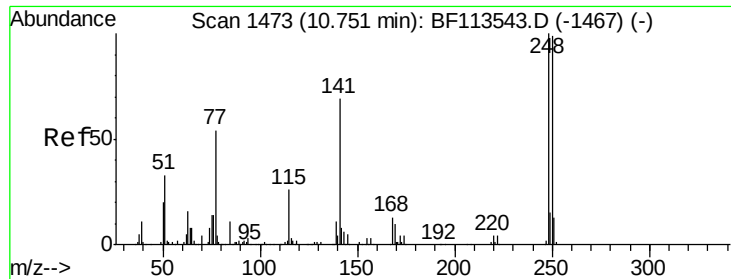
Abundance

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





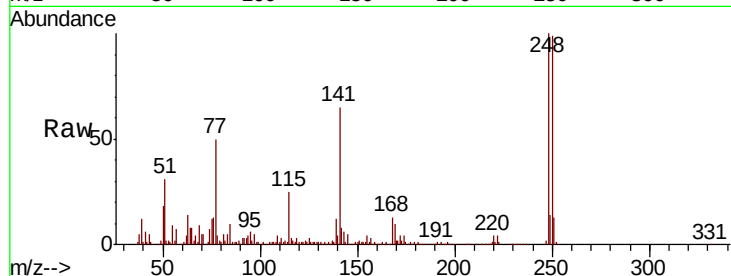
#67
4-Bromophenyl-phenylether
Concen: 27.474 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	78.3	117.5
141	64.8	56.2	84.4

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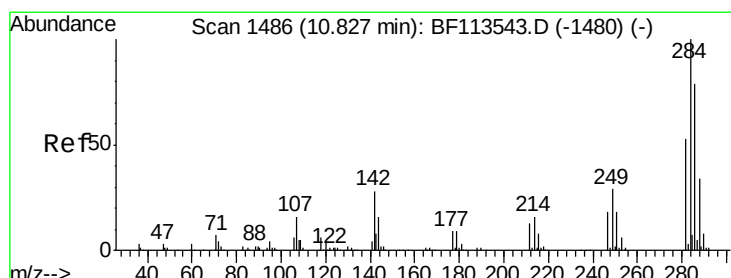
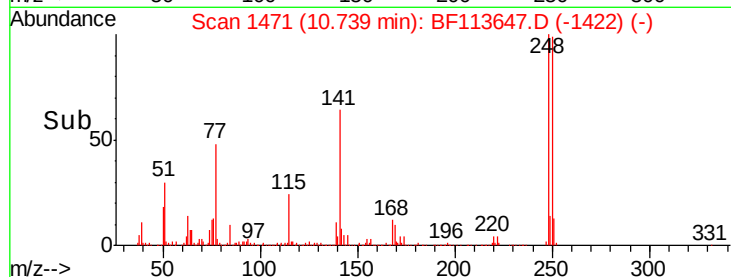
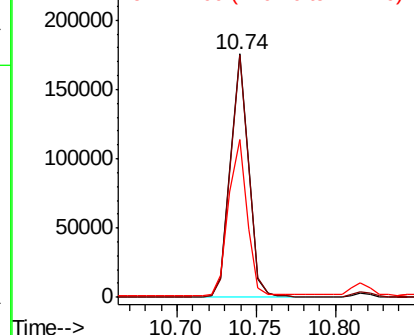


Abundance

Ion 248.00 (247.70 to 248.70): E

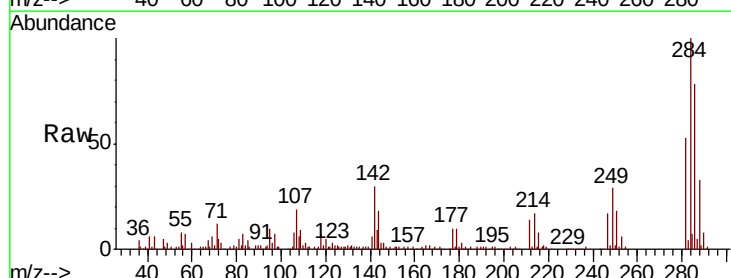
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 27.184 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	20.1	30.1
249	28.7	22.7	34.1

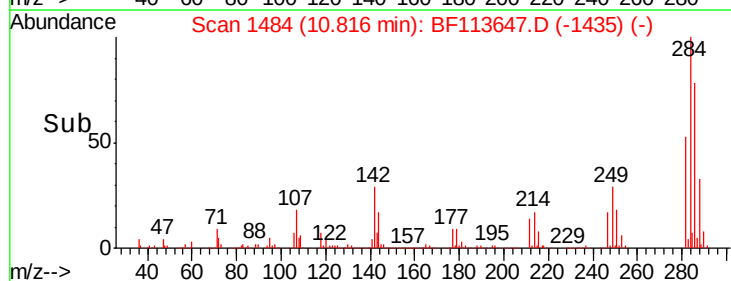
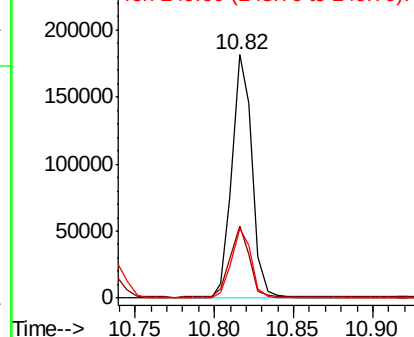


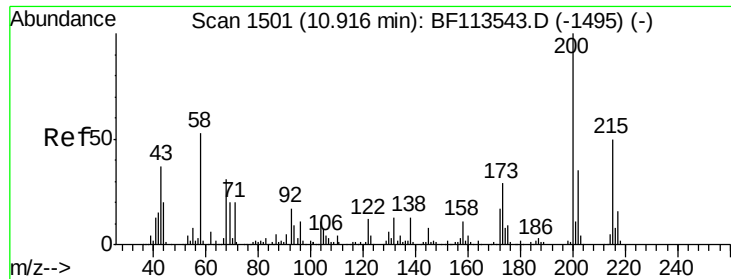
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





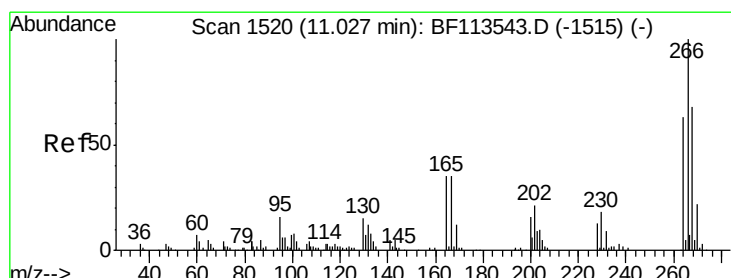
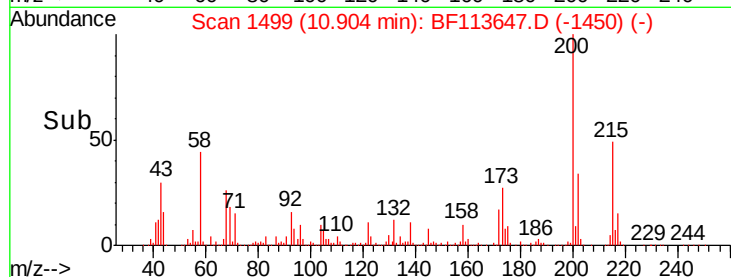
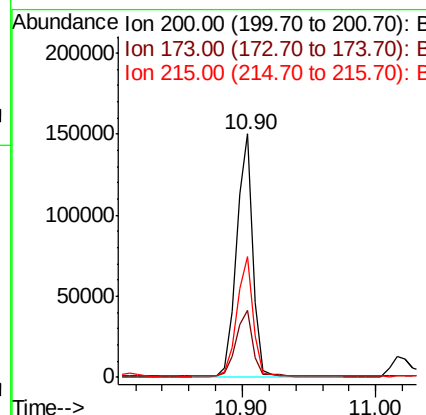
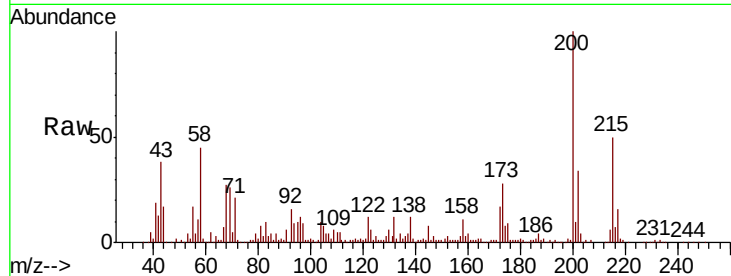
#69
Atrazine
Concen: 29.380 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	130110		
173	27.7	6.0	46.0	
215	49.6	31.3	71.3	

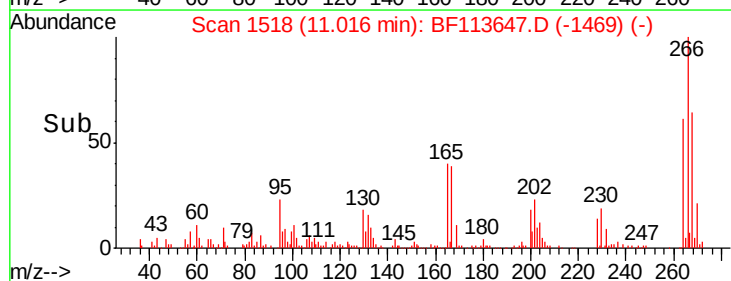
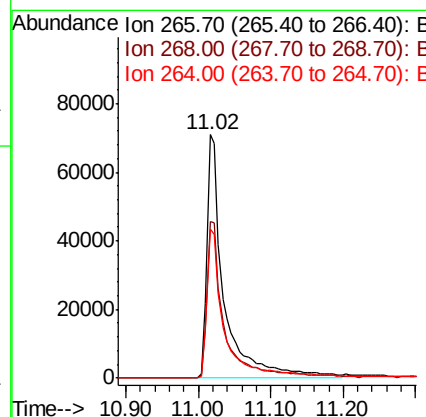
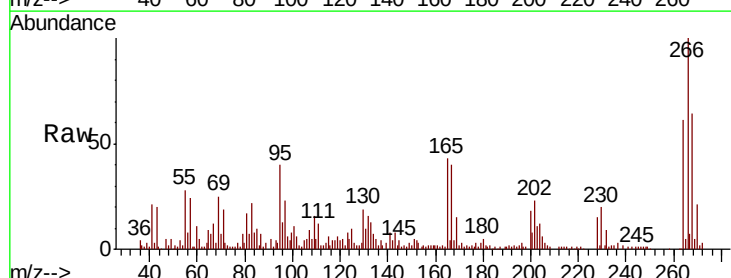
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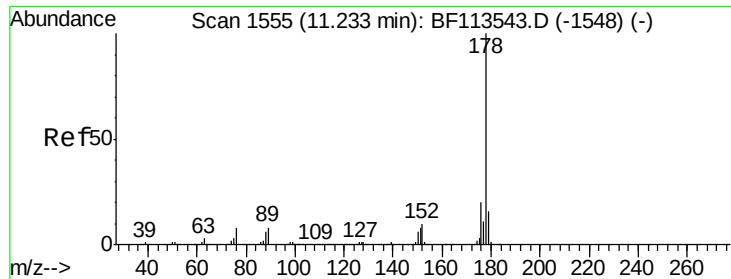
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#70
Pentachlorophenol
Concen: 42.784 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	118570		
268	64.2	53.8	80.6	
264	61.3	49.2	73.8	





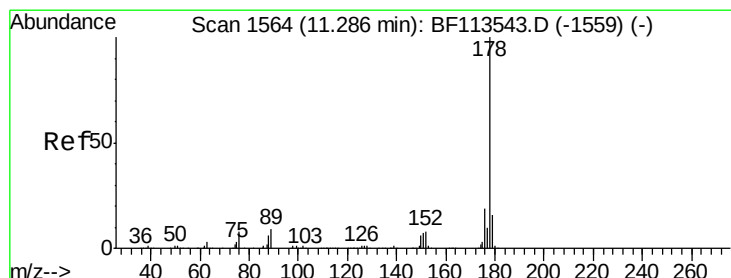
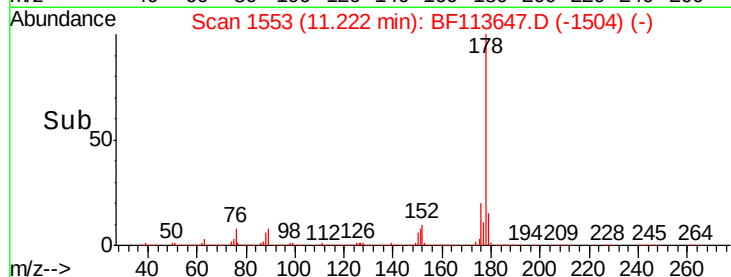
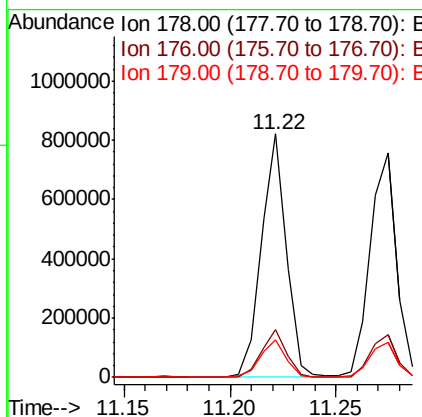
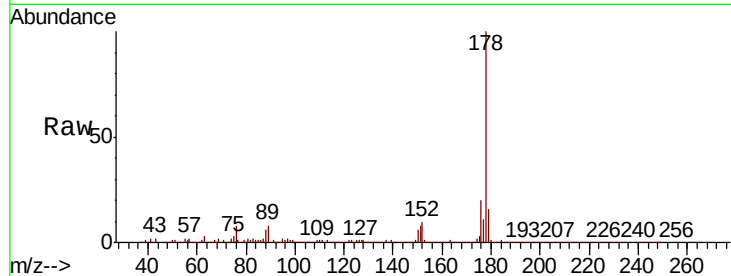
#71
Phenanthrene
Concen: 29.640 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.2
179	15.7	12.7	19.1

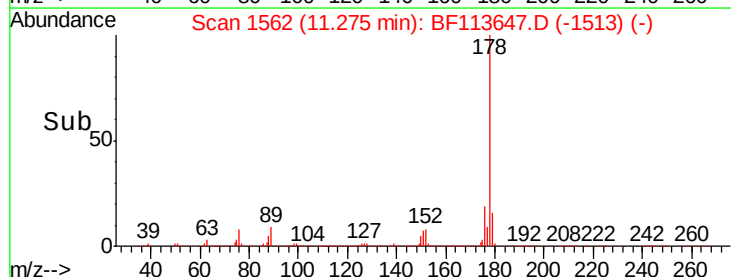
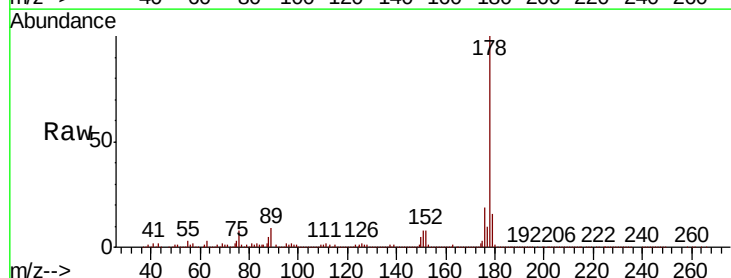
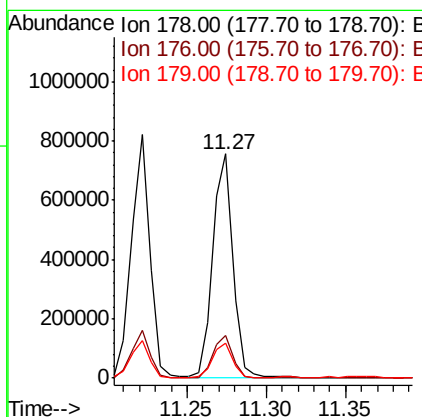
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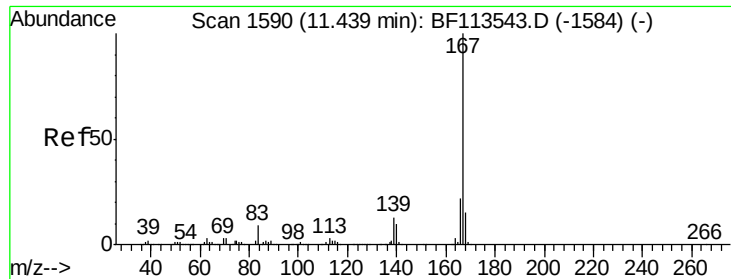
Sohil
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#72
Anthracene
Concen: 28.931 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.8	12.8	19.2





#73

Carbazole

Concen: 28.825 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

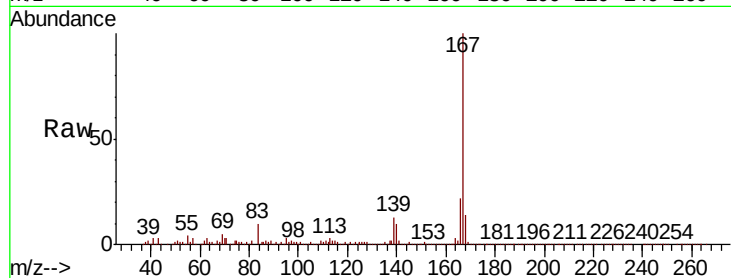
ClientSampleId :

HA-040519MS

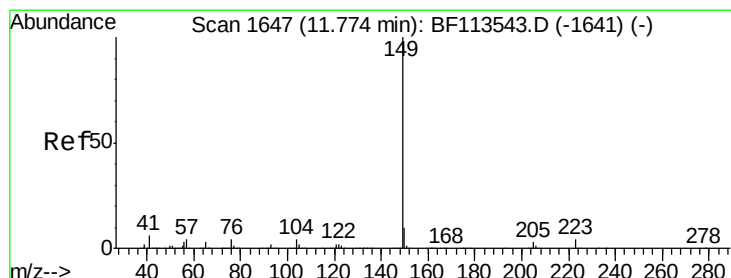
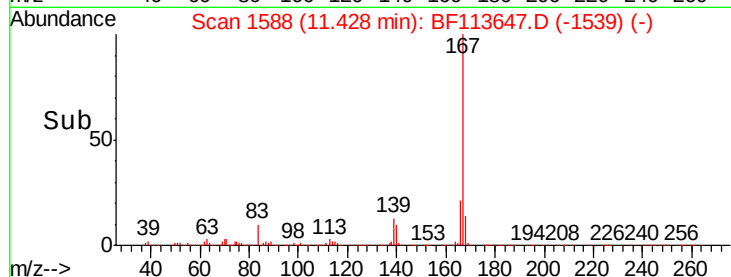
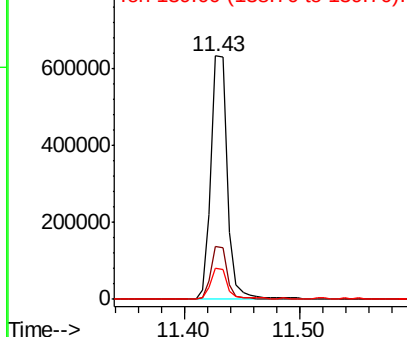
Tot Ion:	167	Resp:	623795
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.4	26.0
139	12.8	10.4	15.6

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 29.685 ng

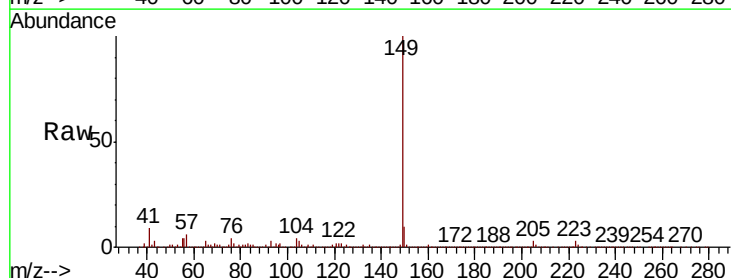
RT: 11.76 min Scan# 1644

Delta R.T. -0.02 min

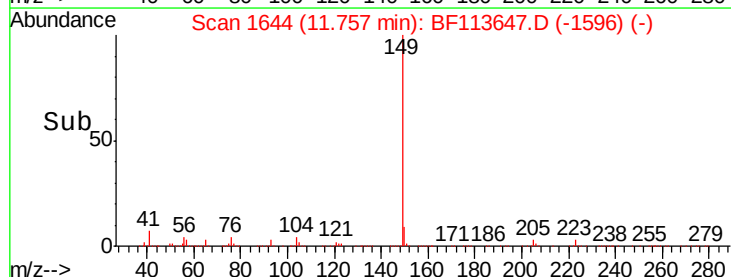
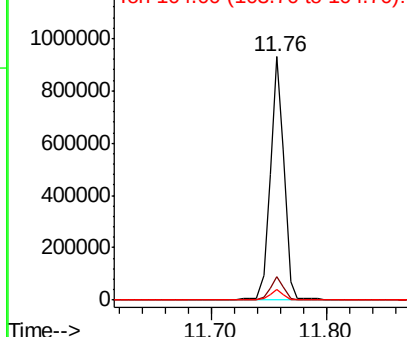
Lab File: BF113647.D

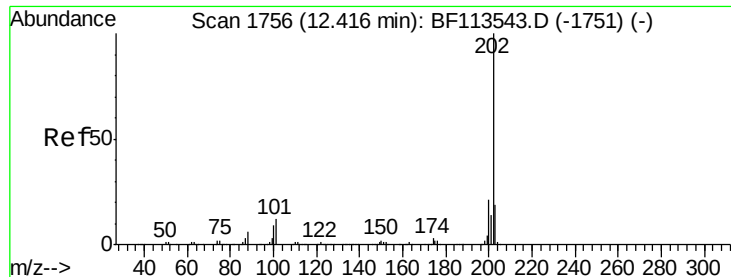
Acq: 8 Apr 2019 18:58

Tgt Ion:	149	Resp:	764179
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.4	3.7	5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 31.513 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

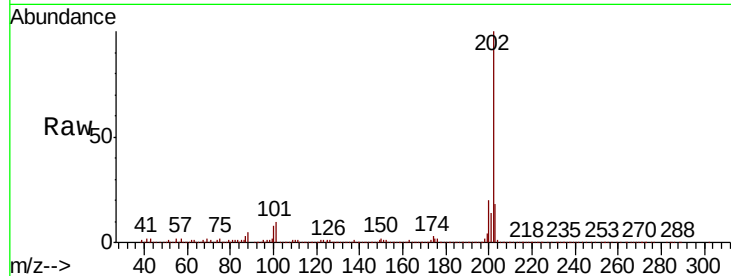
ClientSampleId :

HA-040519MS

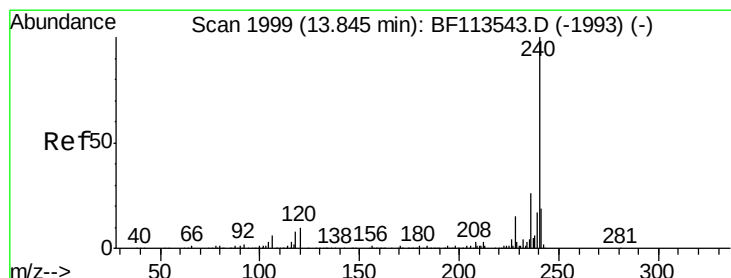
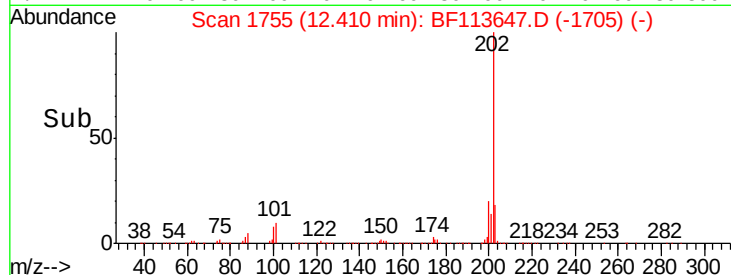
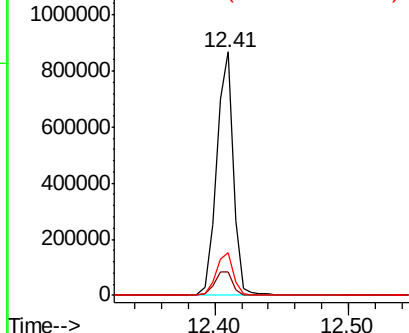
Tot Ion:	202	Resp:	767954
Ion Ratio		Lower	Upper
202	100		
101	9.6	0.0	31.4
203	17.7	0.0	38.0

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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: 13.83 min Scan# 1997

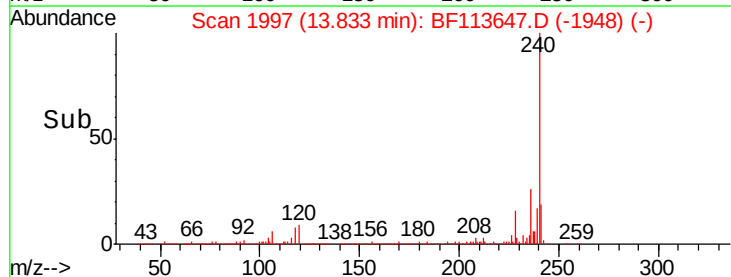
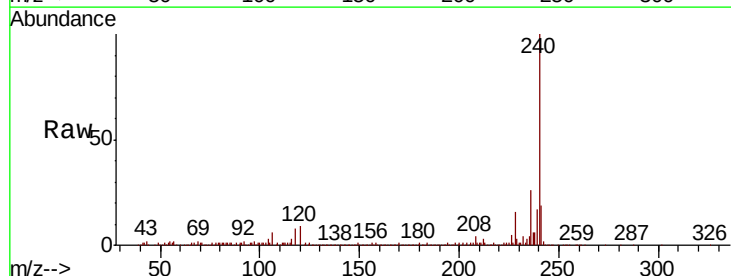
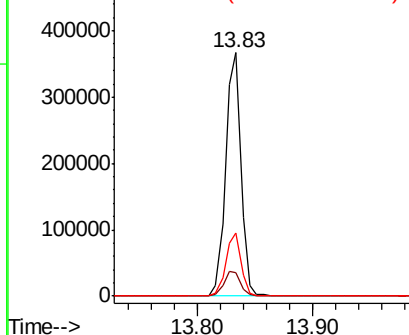
Delta R.T. -0.01 min

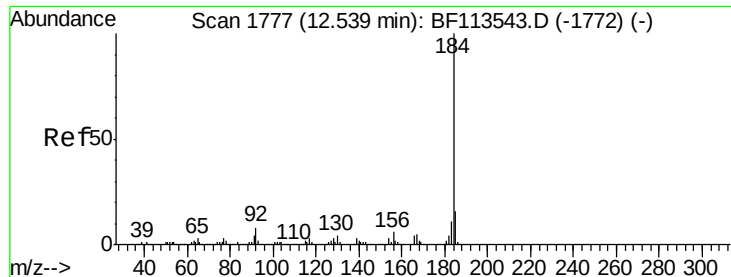
Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion:	240	Resp:	338325
Ion Ratio		Lower	Upper
240	100		
120	9.5	8.8	13.2
236	26.2	20.9	31.3

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: 14.868 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

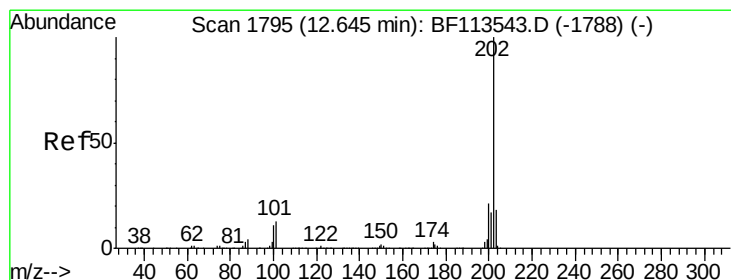
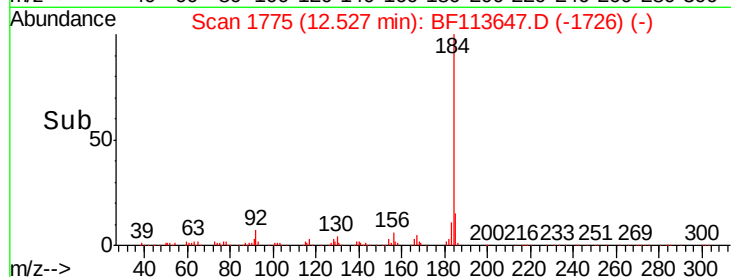
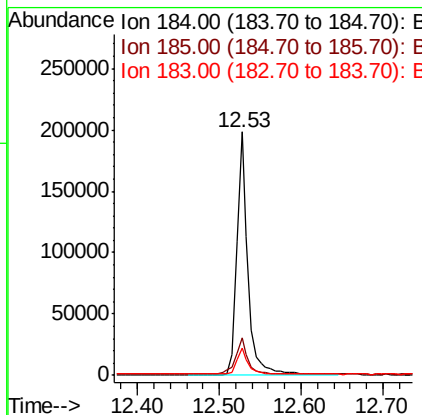
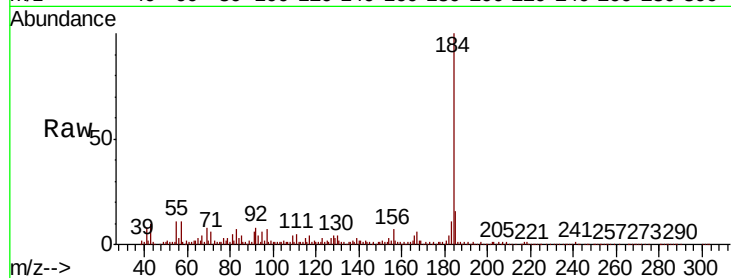
ClientSampleId :

HA-040519MS

Tot Ion:	184	Resp:	187060
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.0	19.6
183	11.1	9.0	13.4

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#78

Pyrene

Concen: 29.666 ng

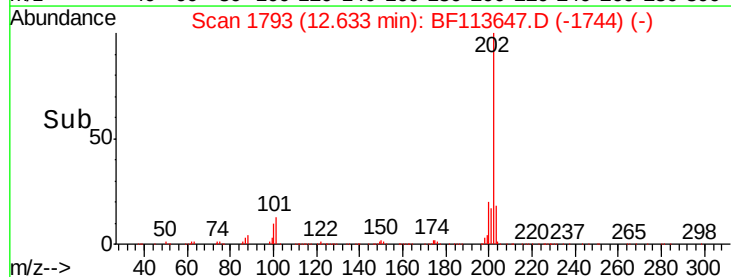
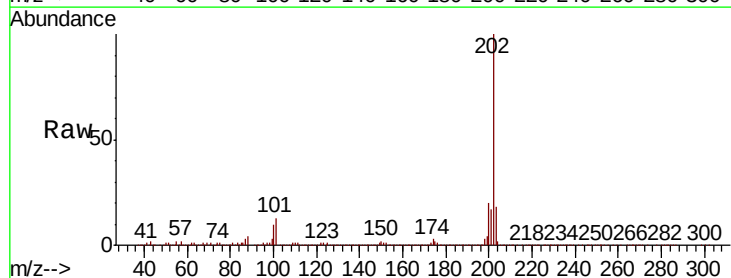
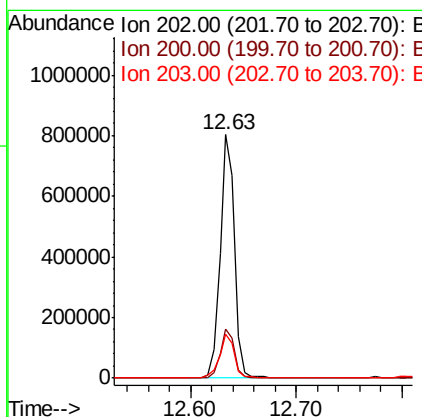
RT: 12.63 min Scan# 1793

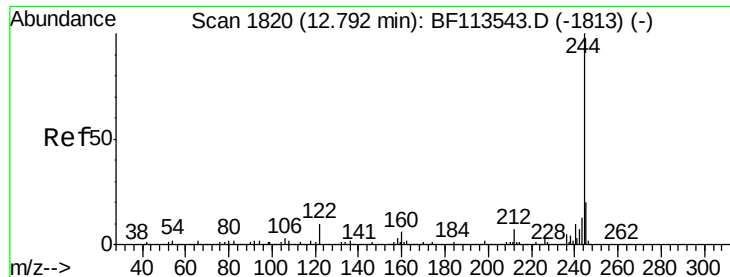
Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion:	202	Resp:	763680
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	18.0	14.4	21.6





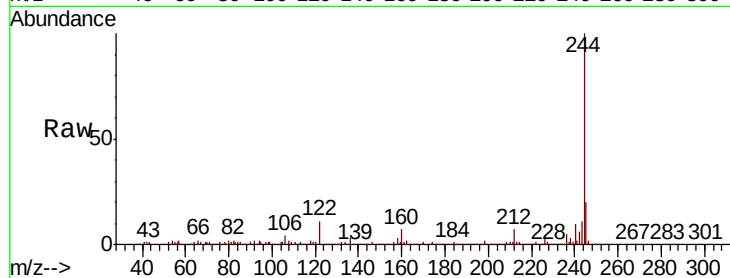
#79
 Terphenyl-d14
 Concen: 57.148 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampled :
 HA-040519MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.2	8.6	13.0

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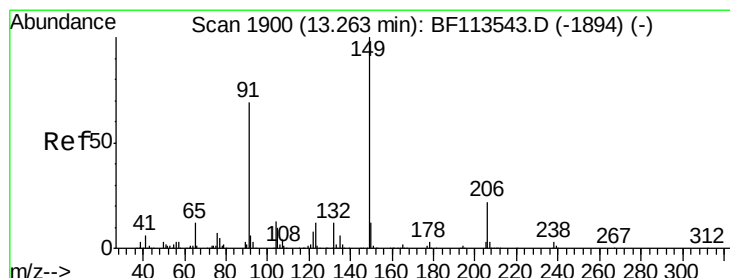
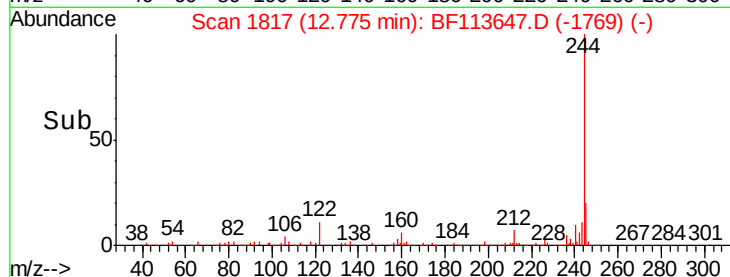
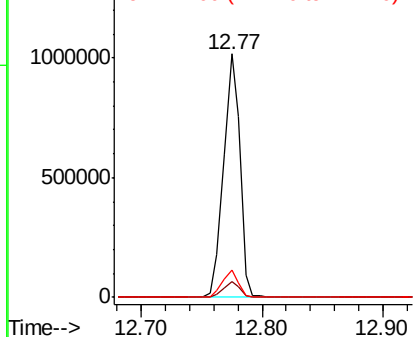


Abundance

Ion 244.00 (243.70 to 244.70): E

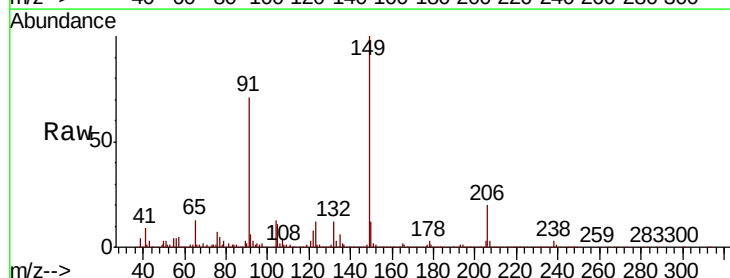
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 29.397 ng
 RT: 13.25 min Scan# 1897
 Delta R.T. -0.02 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	55.2	82.8
206	19.9	16.1	24.1

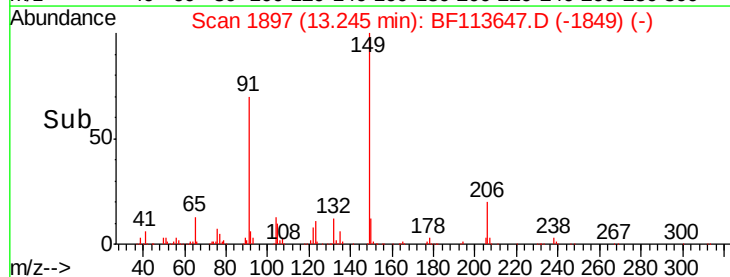
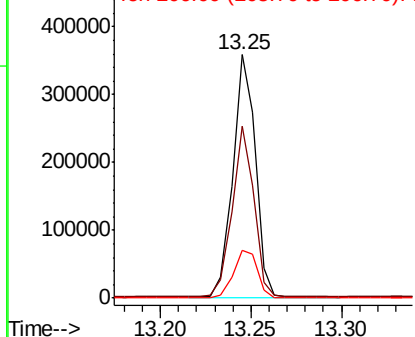


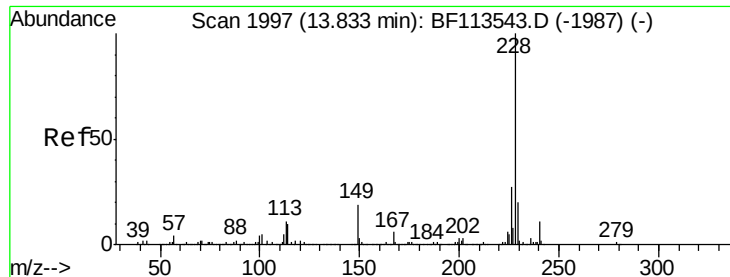
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





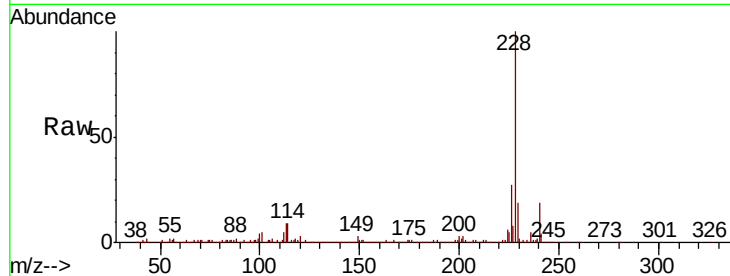
#81
Benzo(a)anthracene
Concen: 28.417 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.4	16.2	24.4

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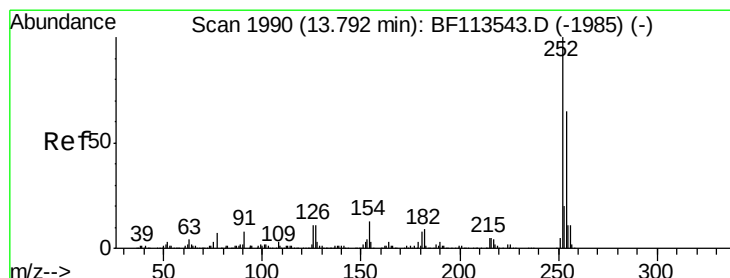
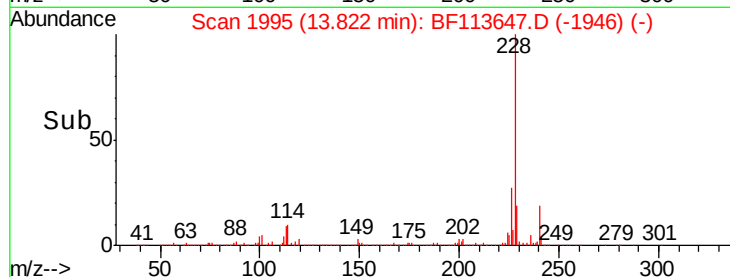
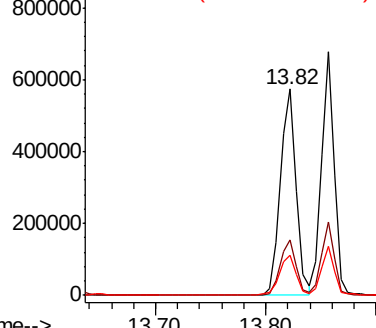


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 13.824 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

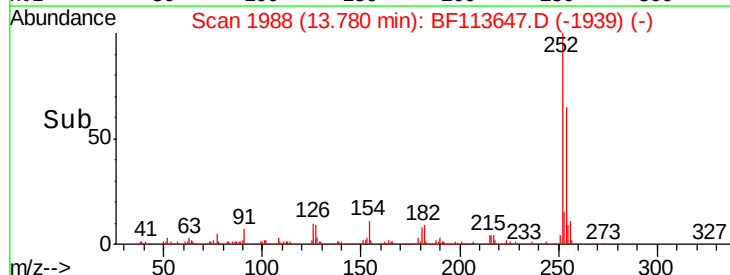
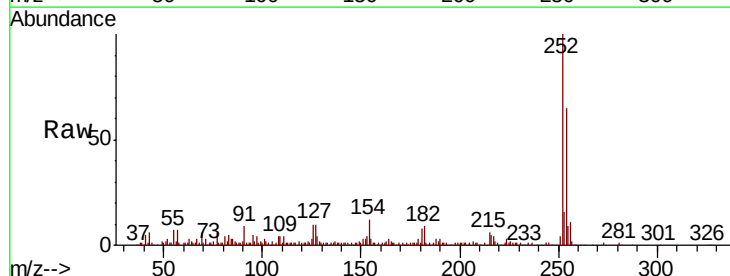
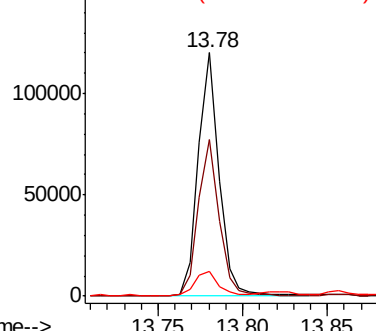
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.2	78.2
126	10.2	8.5	12.7

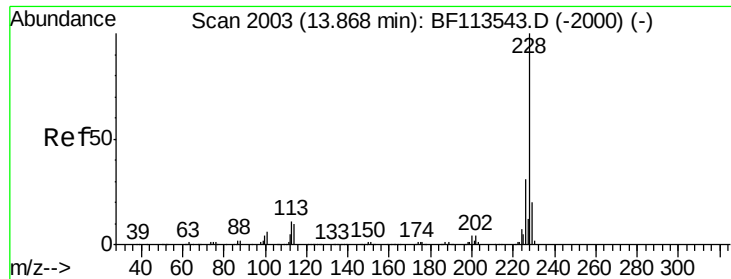
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





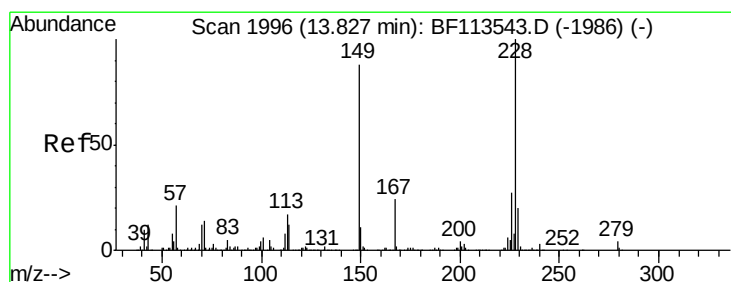
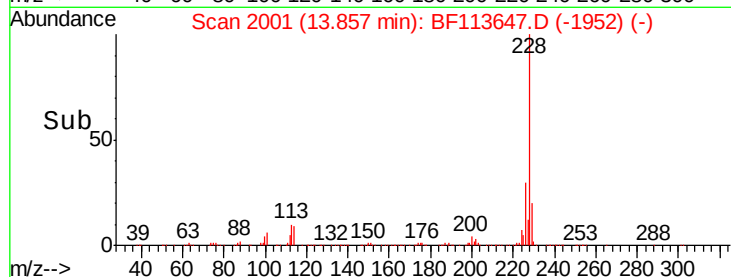
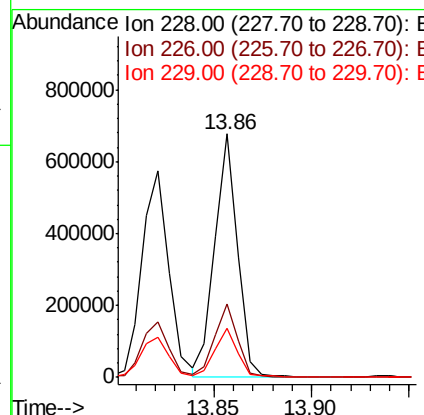
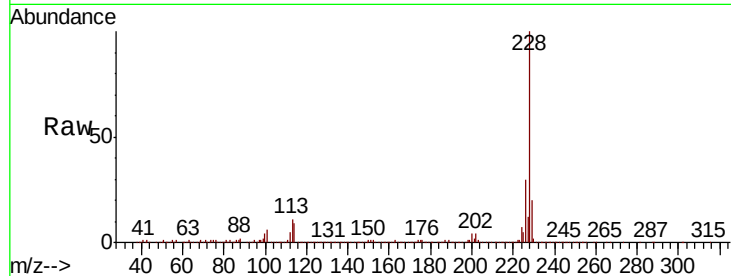
#83
 Chrvsene
 Concen: 27.682 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :
 HA-040519MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.2	16.3	24.5

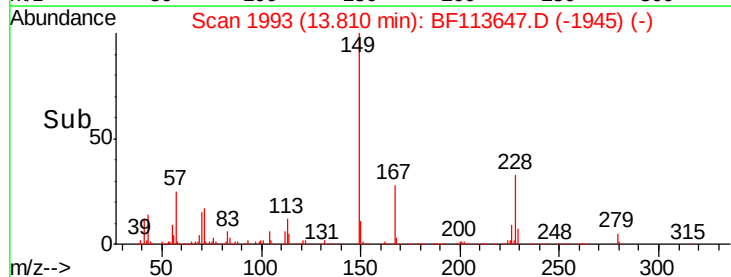
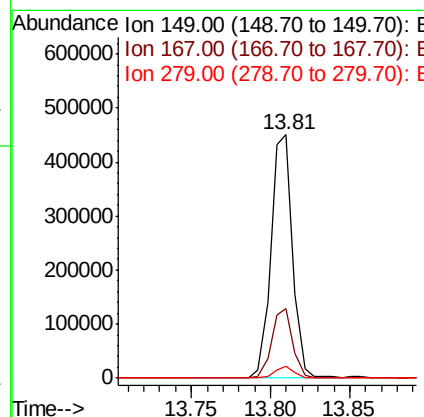
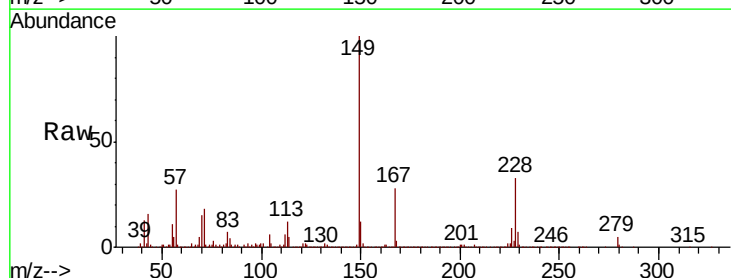
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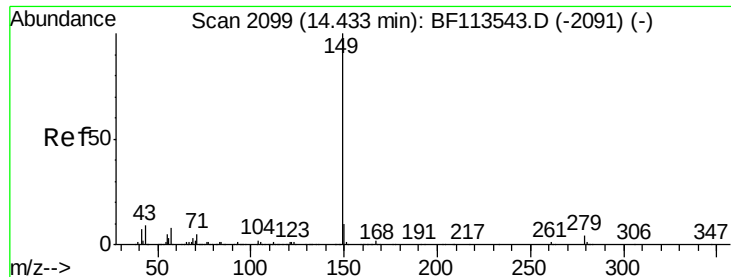
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.704 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF113647.D
 Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.8	32.8
279	4.8	2.9	4.3#





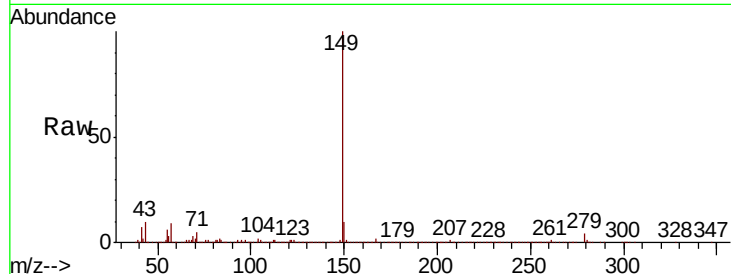
#85
Di-n-octyl phthalate
Concen: 32.552 ng
RT: 14.42 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

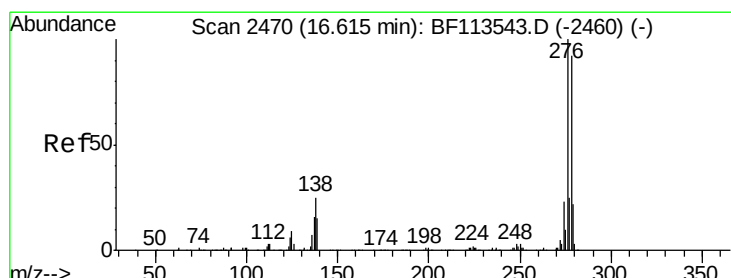
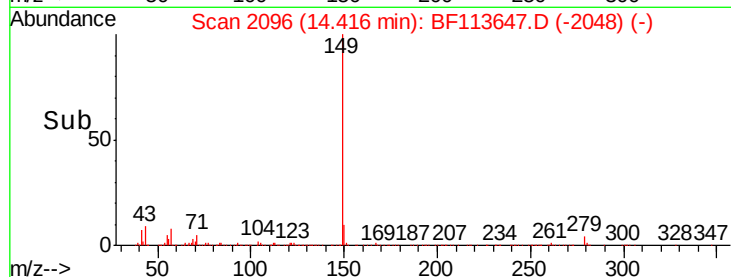
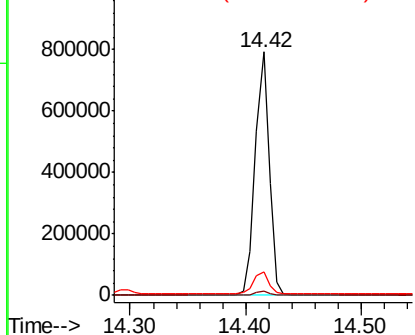
Tot Ion	Ratio	Resp	Lower	Upper
149	100	670370		
167	1.6		1.3	1.9
43	9.4		7.7	11.5

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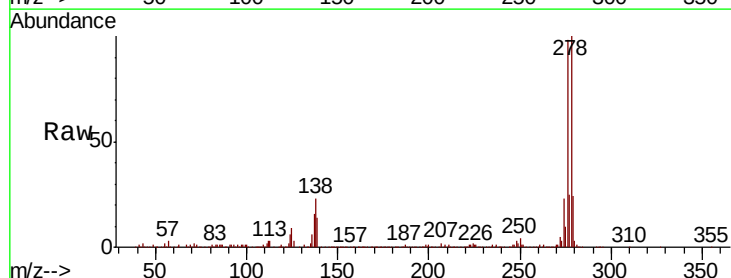


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

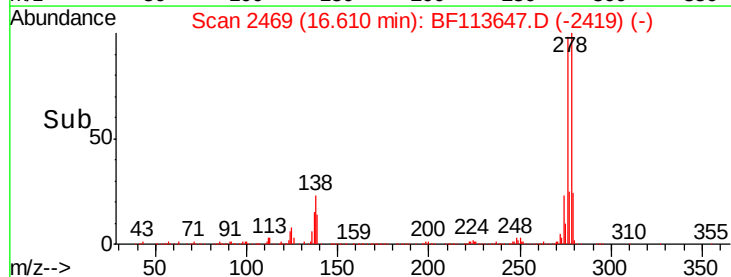
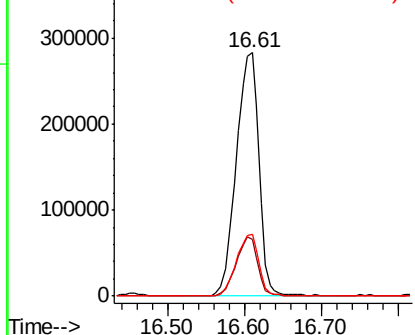


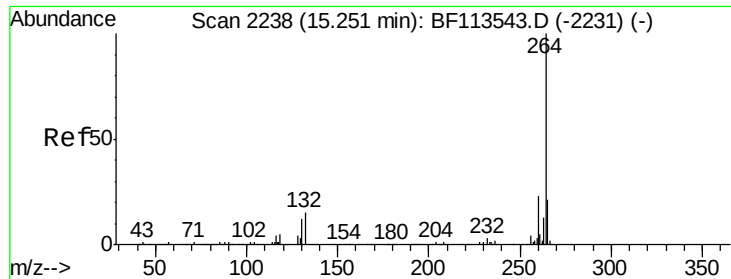
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.756 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	580066		
138	23.2		18.1	27.1
277	24.9		20.2	30.4



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





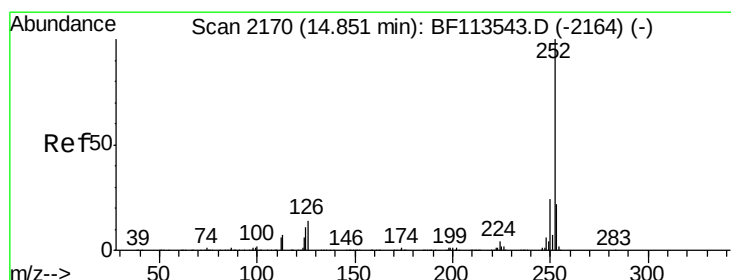
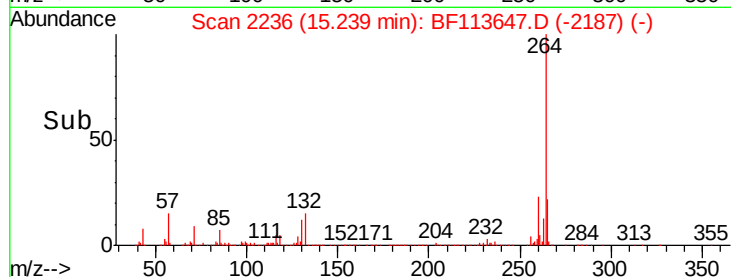
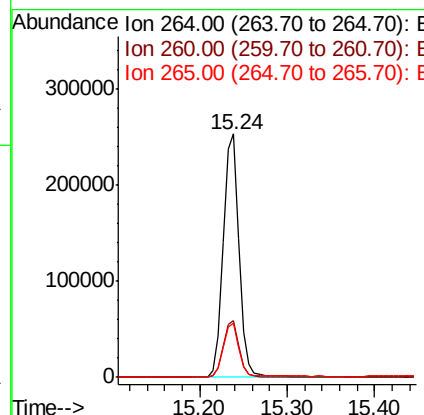
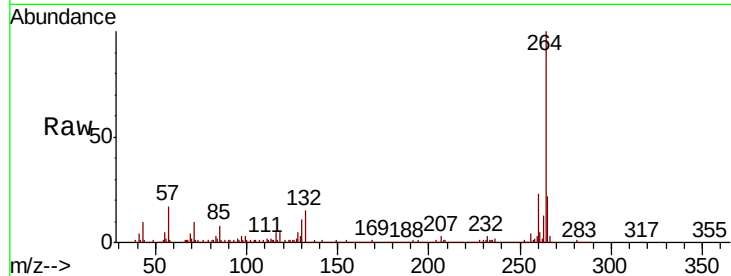
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	22.2	17.1	25.7

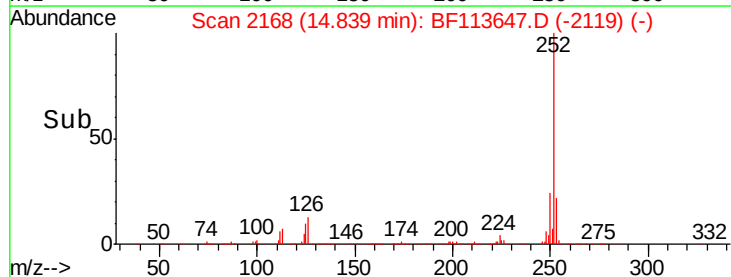
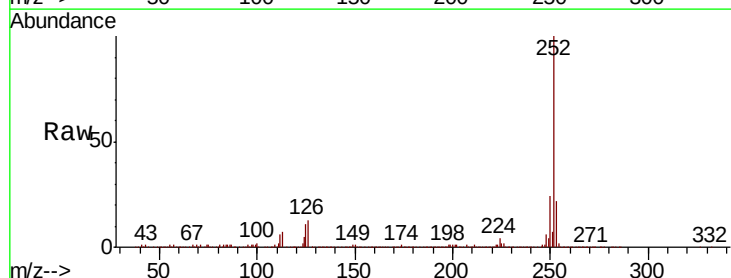
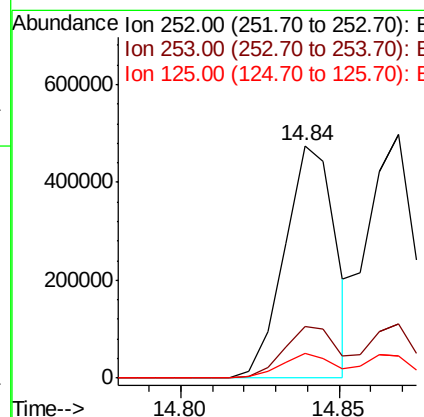
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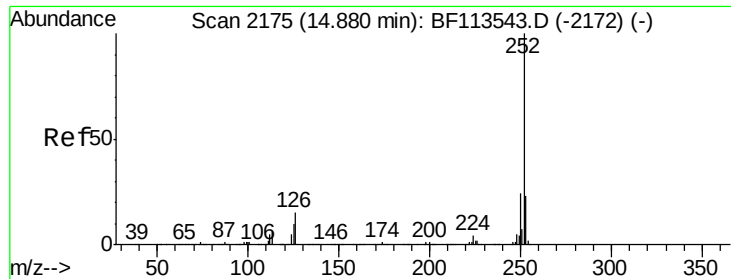
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#88
Benzo(b)fluoranthene
Concen: 27.053 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.7	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 28.930 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Instrument :

BNA_F

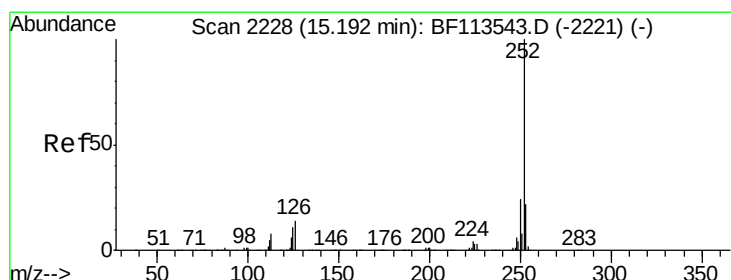
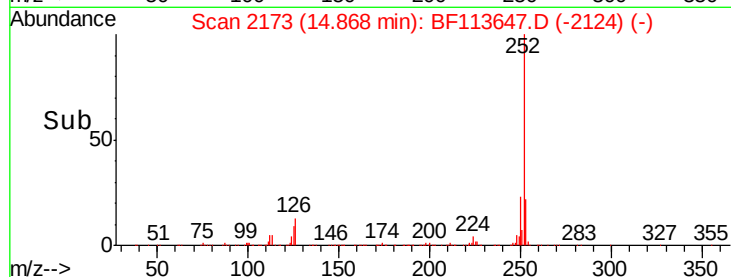
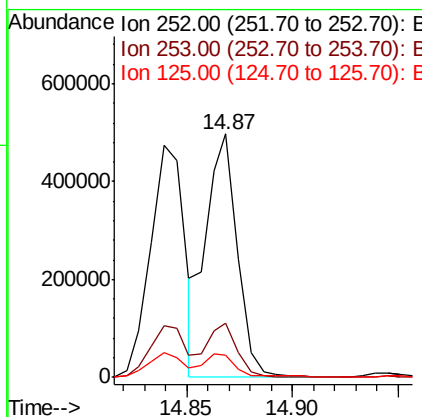
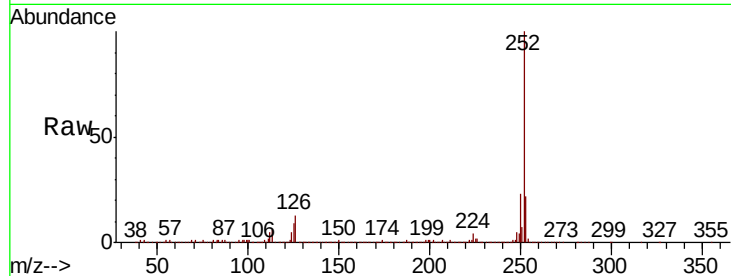
ClientSampleId :

HA-040519MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.2	7.3	10.9

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#90

Benzo(a)pyrene

Concen: 28.772 ng

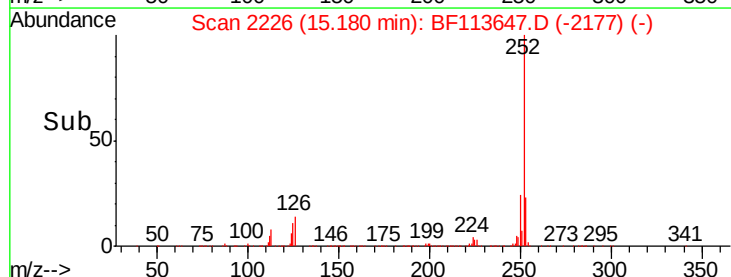
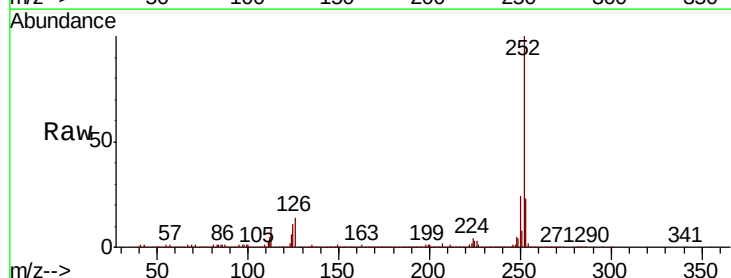
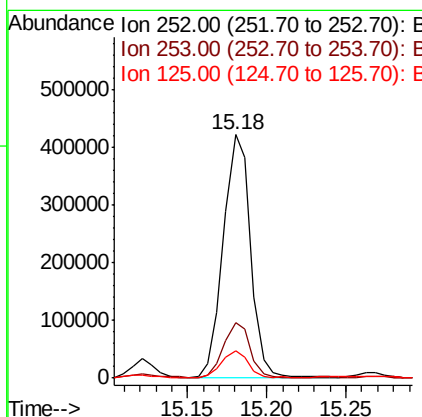
RT: 15.18 min Scan# 2226

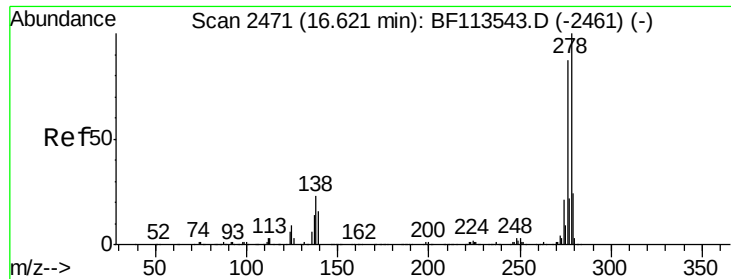
Delta R.T. -0.01 min

Lab File: BF113647.D

Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.5	8.8	13.2





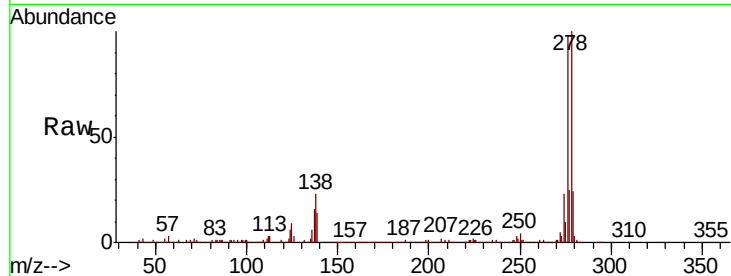
#91
Dibenzo(a,h)anthracene
Concen: 29.606 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Instrument :
BNA_F
ClientSampleId :
HA-040519MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.0	18.0
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/9/2019 10:15:54 AM

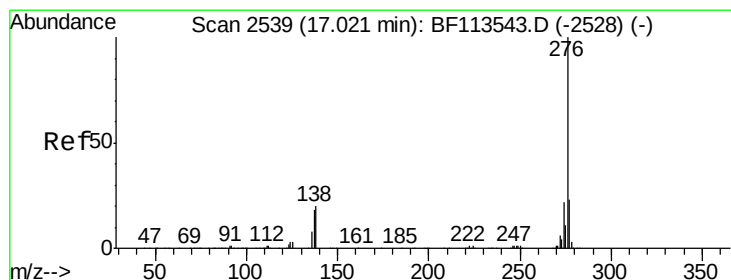
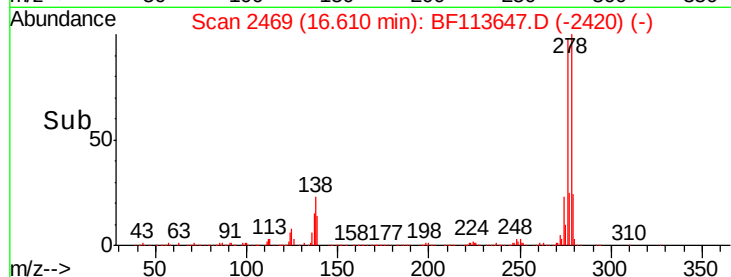
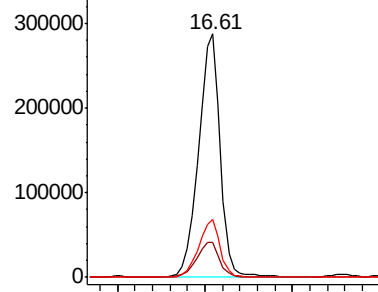


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 29.395 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF113647.D
Acq: 8 Apr 2019 18:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.3	15.6	23.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

