

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114009.D
 Acq On : 26 Apr 2019 14:51
 Operator : JU/SJ
 Sample : PB119084BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Manual Integrations
 APPROVED

Sohil
 4/27/2019 2:36:46 AM

Quant Time: Apr 27 00:10:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132978	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	506124	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	277319	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	556432	20.00	ng	0.00
76) Chrysene-d12	14.06	240	423686	20.00	ng	0.00
87) Perylene-d12	15.55	264	377912	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	978064	125.80	ng	0.02
7) Phenol-d6	6.53	99	1260516	129.22	ng	0.01
23) Nitrobenzene-d5	7.46	82	683263	83.35	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	438714	129.86	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1406067	79.30	ng	0.00
79) Terphenyl-d14	13.00	244	1687120	81.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	140538	38.346	ng	96
3) Pyridine	3.56	79	367981	36.784	ng	98
4) n-Nitrosodimethylamine	3.51	42	122851	35.875	ng	94
6) Aniline	6.56	93	395795	29.549	ng	100
8) 2-Chlorophenol	6.69	128	340438	38.352	ng	98
9) Benzaldehyde	6.45	77	264975	52.254	ng	93
10) Phenol	6.55	94	430696	36.925	ng	94
11) bis(2-Chloroethyl)ether	6.63	93	327745	37.340	ng	95
12) 1,3-Dichlorobenzene	6.84	146	386984	38.493	ng	99
13) 1,4-Dichlorobenzene	6.92	146	398571	39.417	ng	99
14) 1,2-Dichlorobenzene	7.07	146	368244	39.626	ng	98
15) Benzyl Alcohol	7.03	79	278320	42.365	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	372348	36.340	ng	92
17) 2-Methylphenol	7.15	107	303534	39.010	ng	98
18) Hexachloroethane	7.41	117	135176	38.135	ng	97
19) n-Nitroso-di-n-propylamine	7.31	70	241009	38.153	ng	98
20) 3+4-Methylphenols	7.30	107	365061	41.527	ng	# 79
22) Acetophenone	7.30	105	476660	42.321	ng	97
24) Nitrobenzene	7.47	77	372210	41.094	ng	99
25) Isophorone	7.72	82	659718	39.333	ng	99
26) 2-Nitrophenol	7.79	139	187945	45.484	ng	99
27) 2,4-Dimethylphenol	7.83	122	328540	48.801	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	422381	39.520	ng	99
29) 2,4-Dichlorophenol	8.03	162	321230	41.726	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	348963	40.653	ng	99
31) Naphthalene	8.20	128	1005855	41.834	ng	99
32) Benzoic acid	7.95	122	192384	42.316	ng	94
33) 4-Chloroaniline	8.24	127	245761	24.157	ng	99
34) Hexachlorobutadiene	8.32	225	210447	39.328	ng	99
35) Caprolactam	8.62	113	99039m	40.441	ng	
36) 4-Chloro-3-methylphenol	8.73	107	317378	41.612	ng	100
37) 2-Methylnaphthalene	8.89	142	690467	42.586	ng	98
38) 1-Methylnaphthalene	8.99	142	649949	41.533	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	351321	39.000	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	441689	87.927	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	244821	42.800	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	261644	40.780	nq	98
46) 1,1'-Biphenyl	9.36	154	854443	40.332	nq	98
47) 2-Chloronaphthalene	9.38	162	700006	40.632	nq	98
48) 2-Nitroaniline	9.47	65	193595	42.866	nq	94
49) Acenaphthylene	9.80	152	1081053	40.082	nq	98
50) Dimethylphthalate	9.65	163	810697	40.421	nq	100
51) 2,6-Dinitrotoluene	9.71	165	187097	43.483	nq	95
52) Acenaphthene	9.97	154	710684	44.587	nq	97
53) 3-Nitroaniline	9.88	138	116936	25.862	nq	93
54) 2,4-Dinitrophenol	9.99	184	173755	91.949	nq	# 1
55) Dibenzofuran	10.14	168	975427	40.854	nq	98
56) 4-Nitrophenol	10.05	139	287428	80.287	nq	98
57) 2,4-Dinitrotoluene	10.12	165	250304	46.087	nq	98
58) Fluorene	10.49	166	736907	40.995	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	234230	41.542	nq	98
60) Diethylphthalate	10.35	149	772831	40.578	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	386525	40.602	nq	99
62) 4-Nitroaniline	10.49	138	181738	41.189	nq	99
63) Azobenzene	10.63	77	727648	39.420	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	109595	43.737	nq	98
66) n-Nitrosodiphenylamine	10.59	169	672668	40.289	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	254929	37.925	nq	96
68) Hexachlorobenzene	11.03	284	282532	38.249	nq	99
69) Atrazine	11.12	200	225556	41.529	nq	100
70) Pentachlorophenol	11.23	266	315120	75.347	nq	97
71) Phenanthrene	11.45	178	1112218	39.773	nq	100
72) Anthracene	11.50	178	1159906	41.075	nq	99
73) Carbazole	11.65	167	1021592	40.550	nq	99
74) Di-n-butylphthalate	11.97	149	1175750	39.674	nq	100
75) Fluoranthene	12.63	202	1200845	39.360	nq	98
77) Benzidine	12.74	184	609764	48.302	nq	99
78) Pyrene	12.86	202	1210233	40.846	nq	99
80) Butylbenzylphthalate	13.47	149	496732	42.611	nq	97
81) Benzo(a)anthracene	14.05	228	1055491	42.283	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	300061	32.795	nq	# 98
83) Chrysene	14.09	228	1045506	43.005	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	671611	45.281	nq	100
85) Di-n-octyl phthalate	14.66	149	1104294	47.567	nq	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	843333	36.621	nq	98
88) Benzo(b)fluoranthene	15.12	252	1015271	42.462	nq	99
89) Benzo(k)fluoranthene	15.15	252	874217	42.506	nq	97
90) Benzo(a)pyrene	15.49	252	867599	41.951	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	709396	36.541	nq	100
92) Benzo(g,h,i)perylene	17.50	276	685280	34.978	nq	98

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

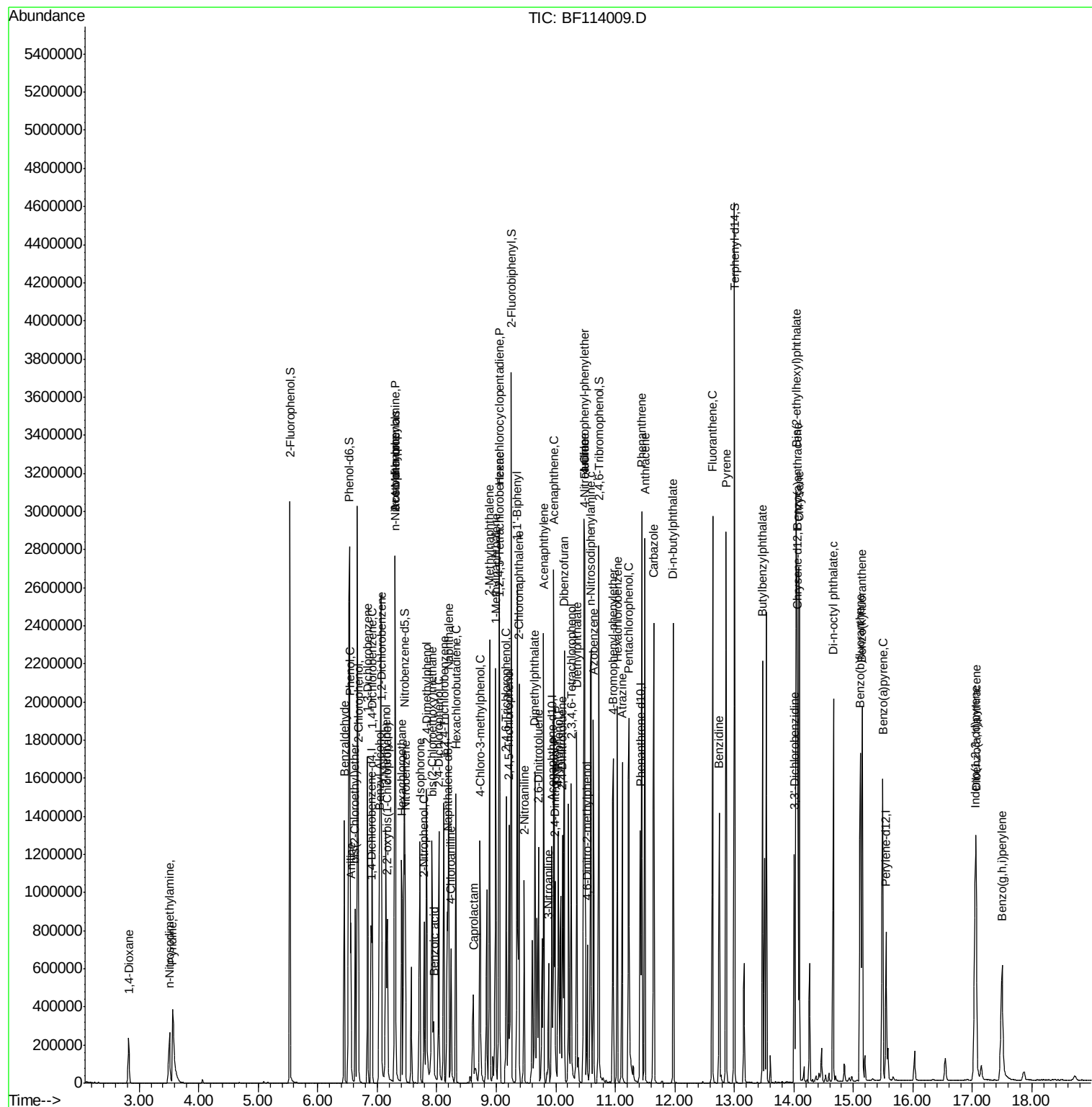
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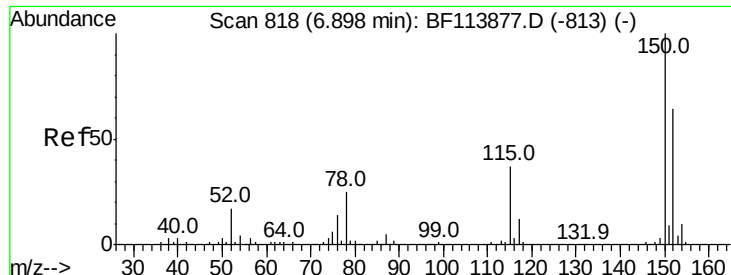
Instrument :
BNA_F
ClientSampleId :
PB119084BS

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#1

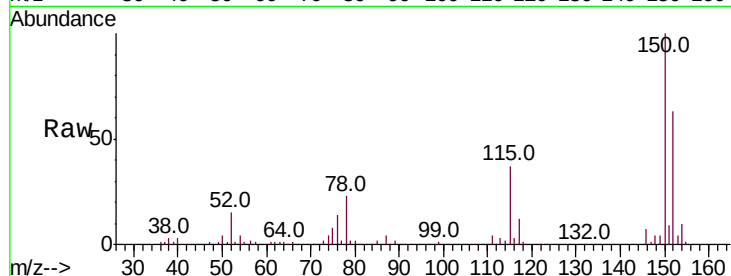
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampled :
PB119084BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.9	188.9
115	57.9	45.9	68.9

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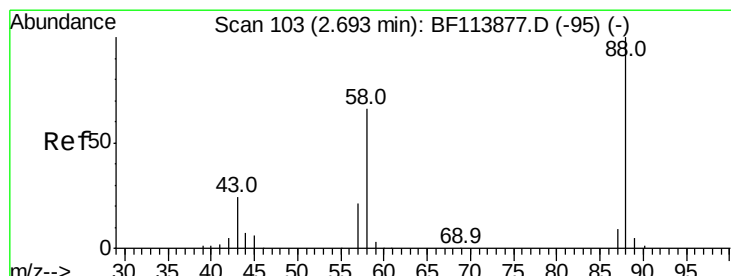
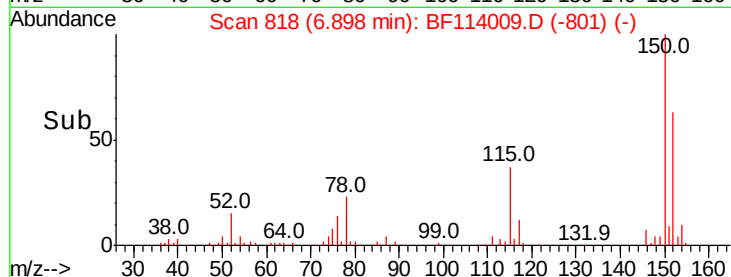
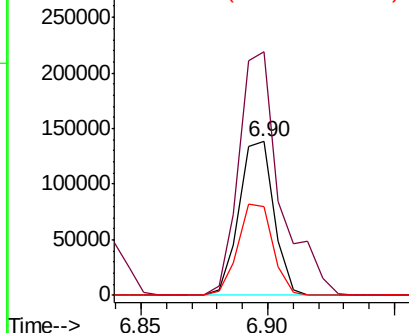


Abundance

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: 38.346 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.14 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

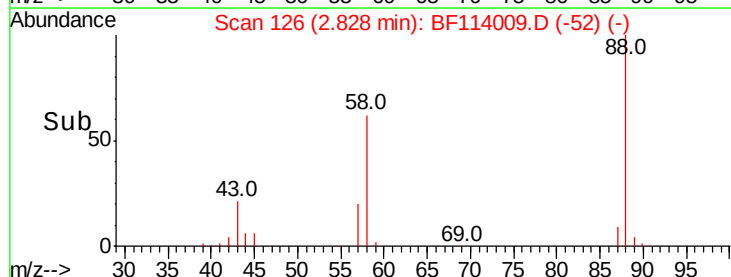
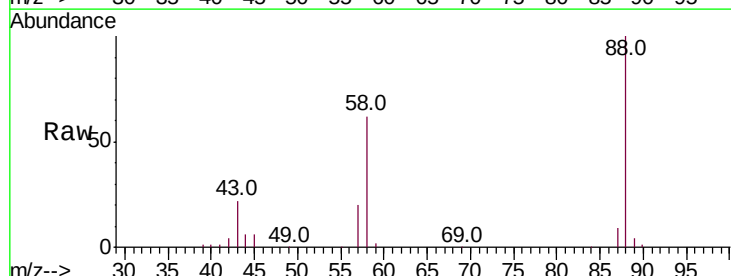
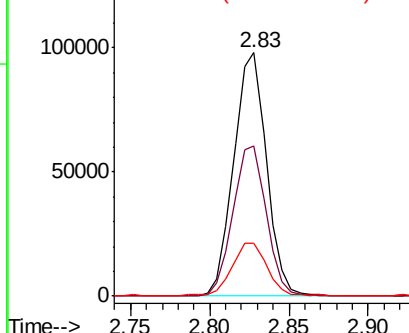
Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	53.3	79.9
43	22.6	19.0	28.4

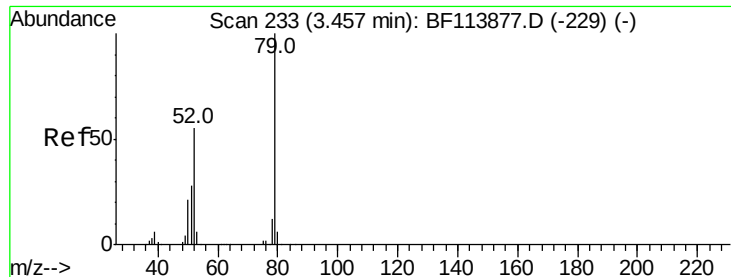
Abundance

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: 36.784 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.11 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

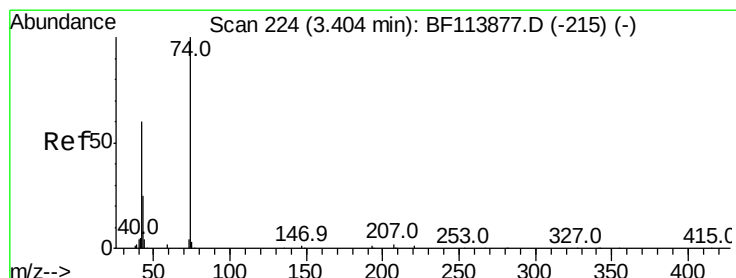
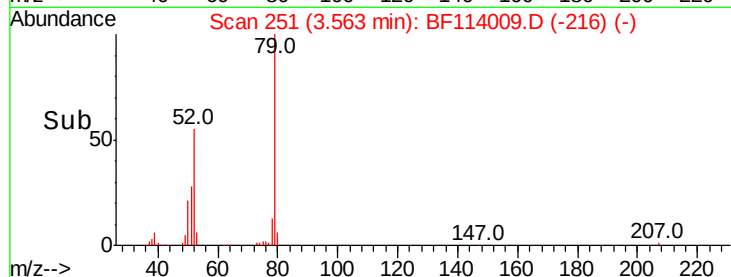
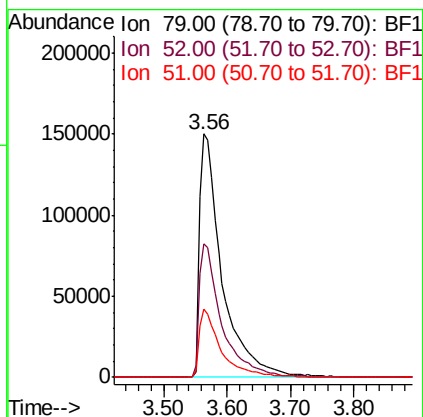
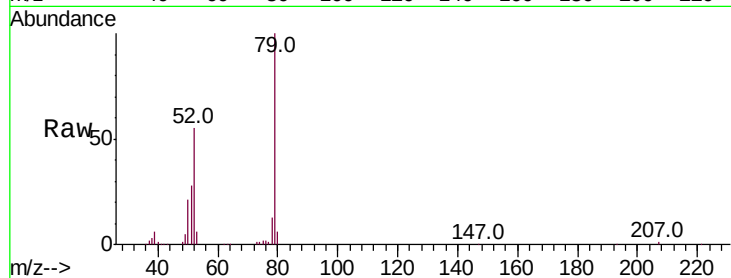
ClientSampleId :

PB119084BS

Tot Ion:	79	Resp:	367981
Ion Ratio	Lower	Upper	
79	100		
52	55.0	45.3	67.9
51	27.8	22.1	33.1

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#4

n-Nitrosodimethylamine

Concen: 35.875 ng

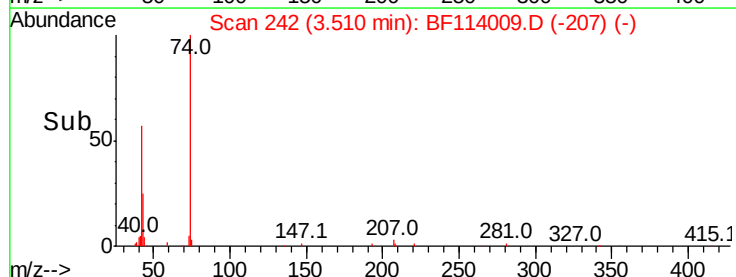
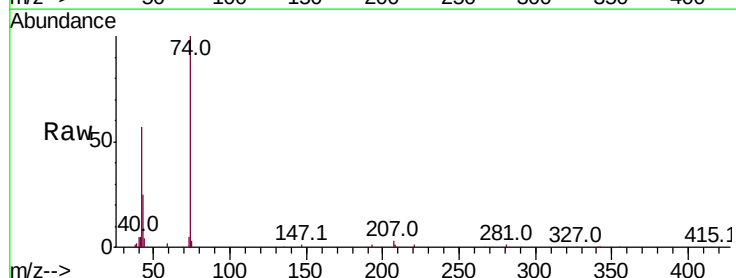
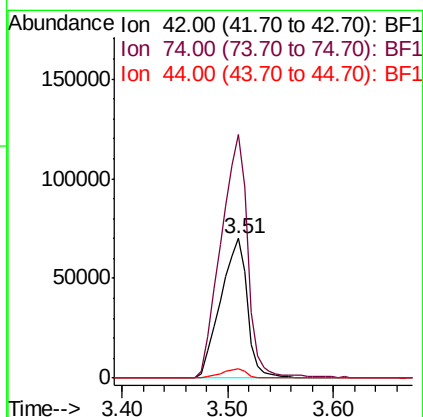
RT: 3.51 min Scan# 242

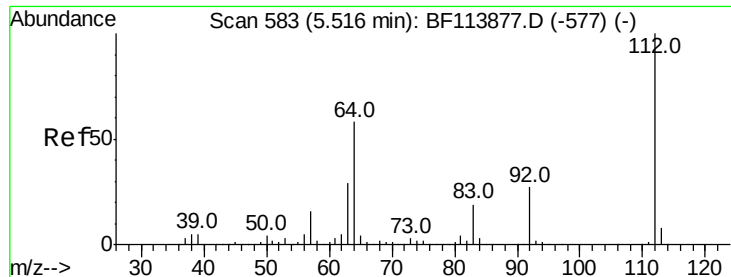
Delta R.T. 0.11 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:	42	Resp:	122851
Ion Ratio	Lower	Upper	
42	100		
74	174.5	132.6	198.8
44	6.3	5.8	8.8





#5

2-Fluorophenol

Concen: 125.798 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

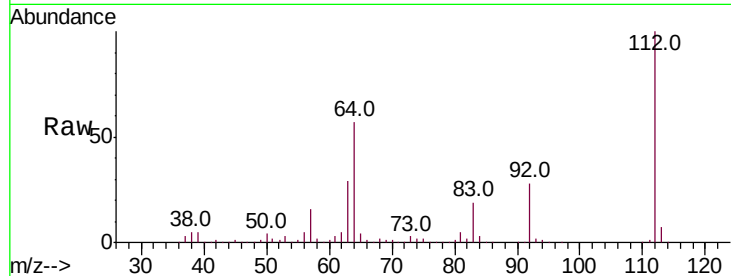
ClientSampleId :

PB119084BS

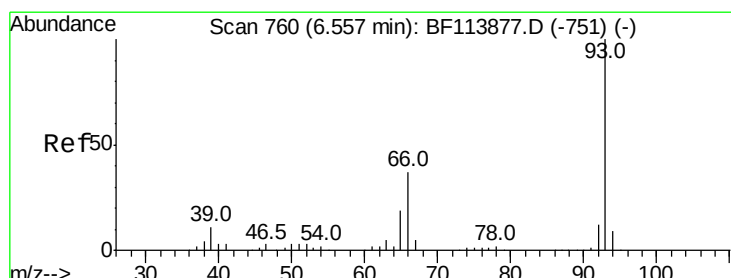
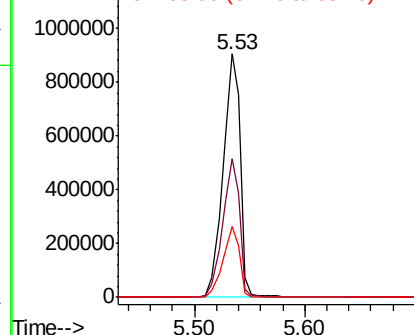
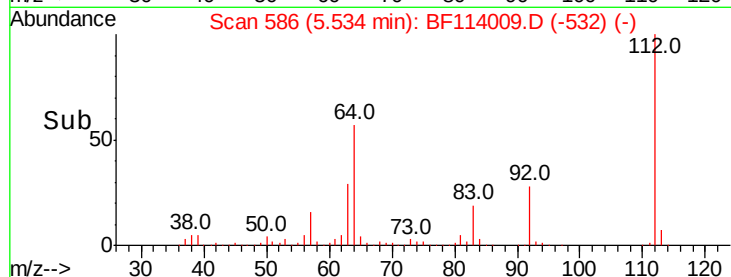
Tot Ion	Ratio	Resp	Lower	Upper
112	100	978064		
64	57.1	46.6	69.8	
63	29.0	23.1	34.7	

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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: 29.549 ng

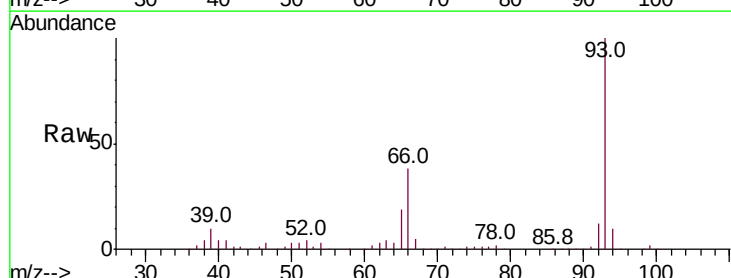
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

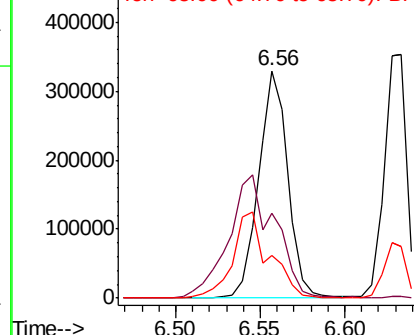
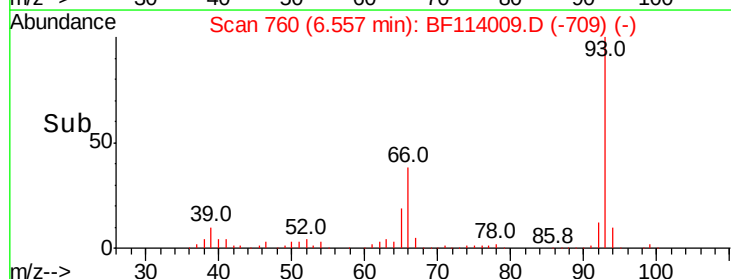
Lab File: BF114009.D

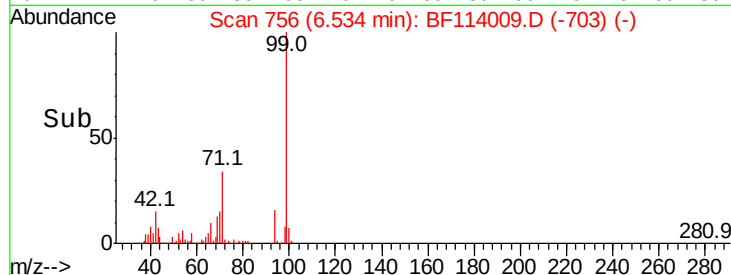
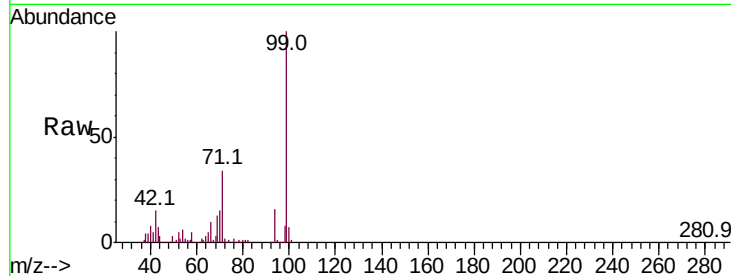
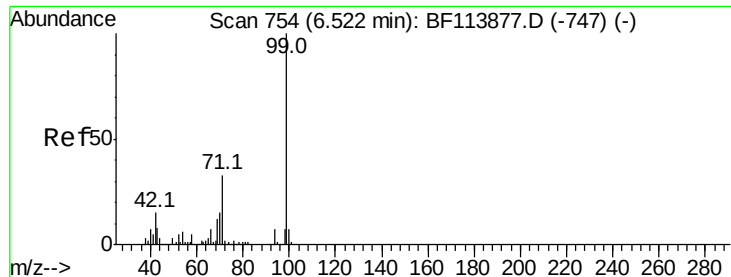
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	395795		
66	37.6	29.8	44.6	
65	18.5	14.9	22.3	



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: 129.224 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tot Ion:	99	Resp:	1260516
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.5	18.7
71	34.0	26.9	40.3

Instrument :

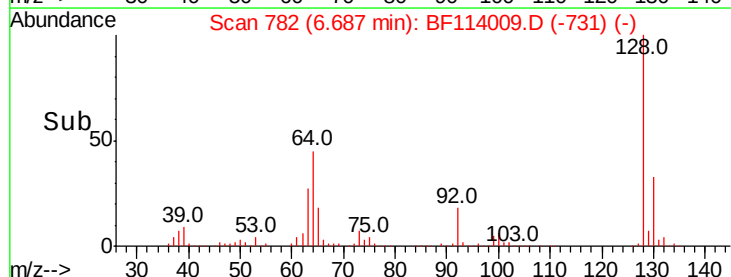
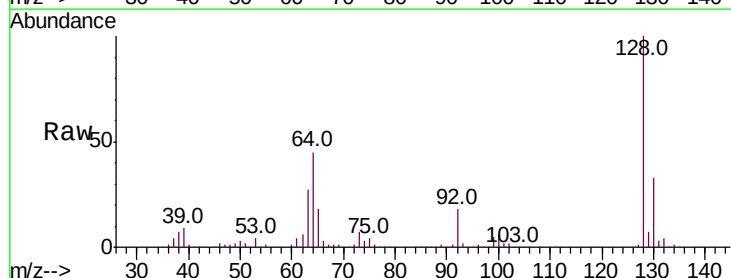
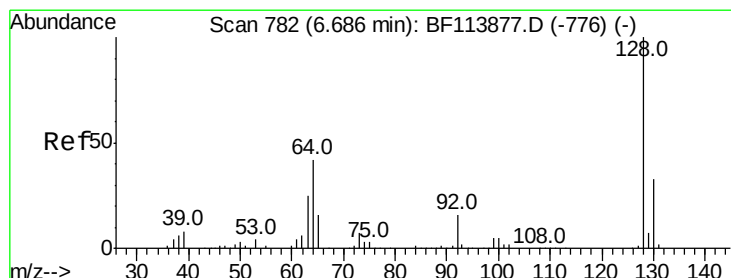
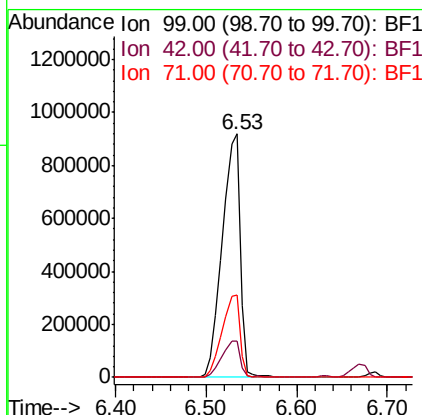
BNA_F

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#8

2-Chlorophenol

Concen: 38.352 ng

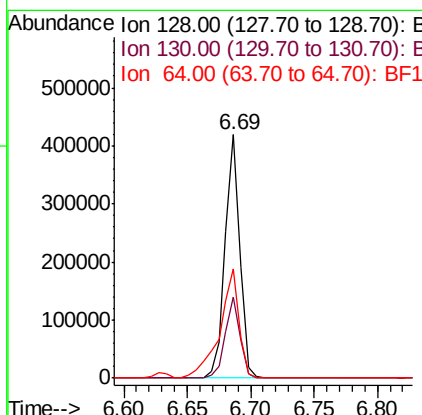
RT: 6.69 min Scan# 782

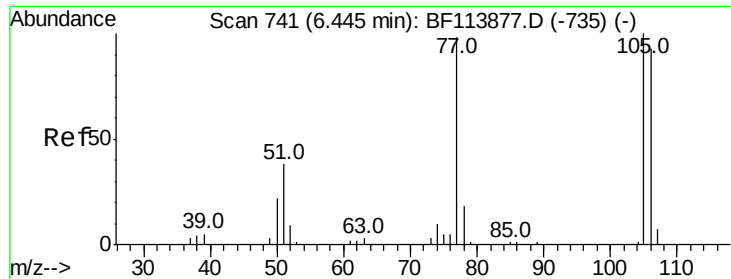
Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:	128	Resp:	340438
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	44.7	26.1	66.1





#9

Benzaldehyde

Concen: 52.254 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

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Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

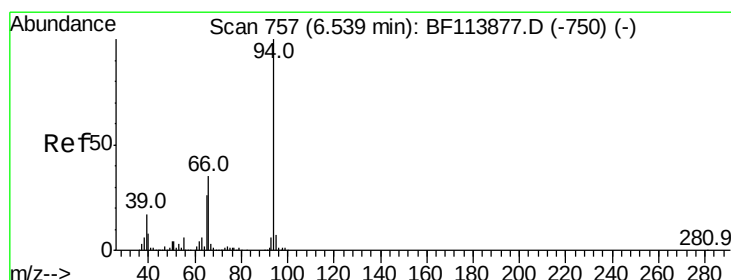
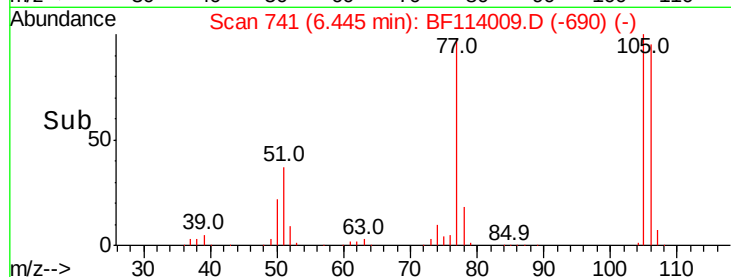
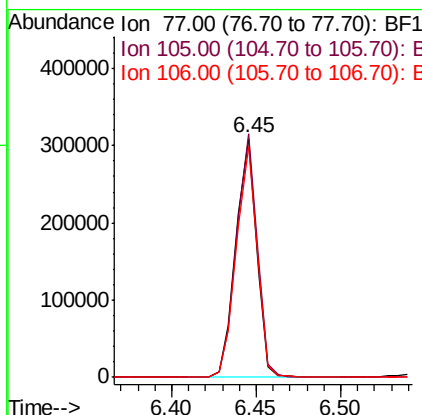
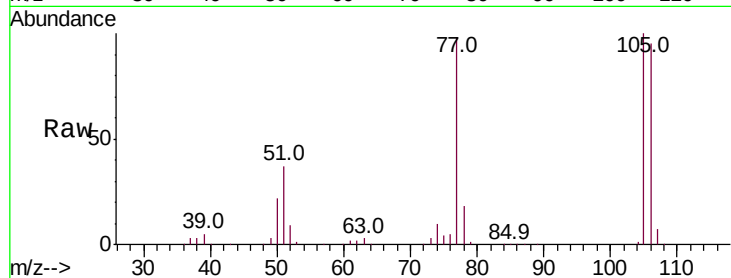
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	101.9	74.1	114.1
106	96.8	70.3	110.3

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#10

Phenol

Concen: 36.925 ng

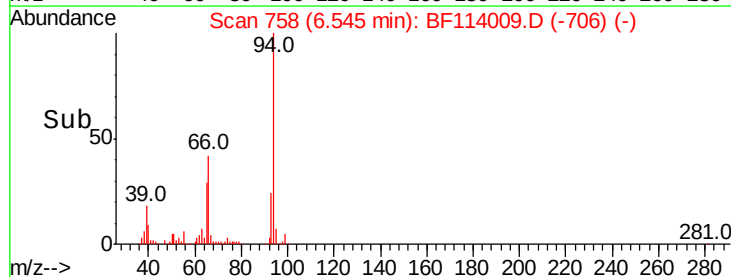
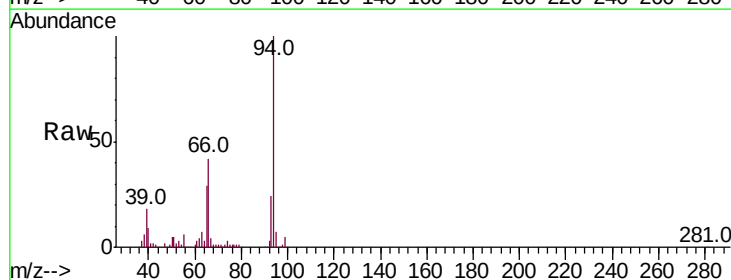
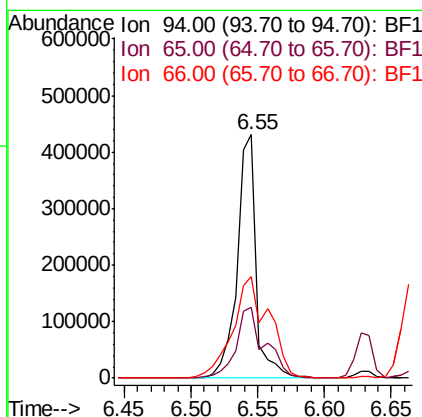
RT: 6.55 min Scan# 758

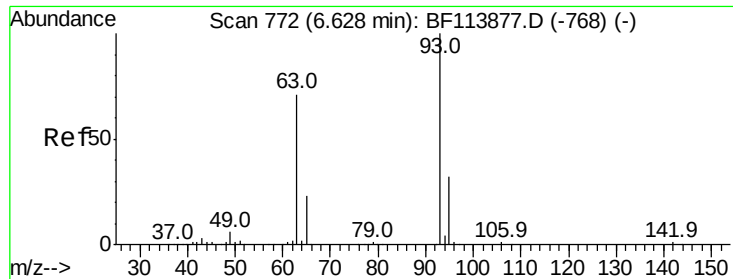
Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.1	48.1
66	41.6	16.6	56.6





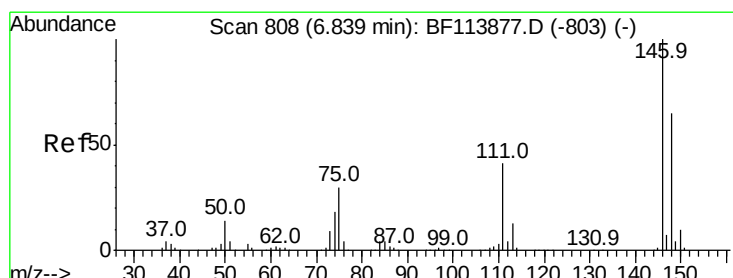
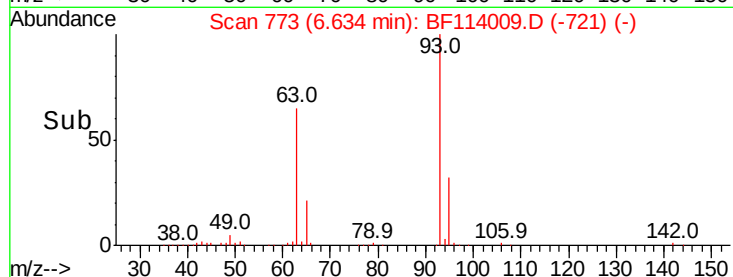
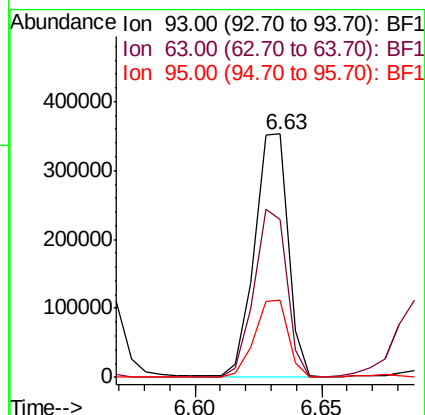
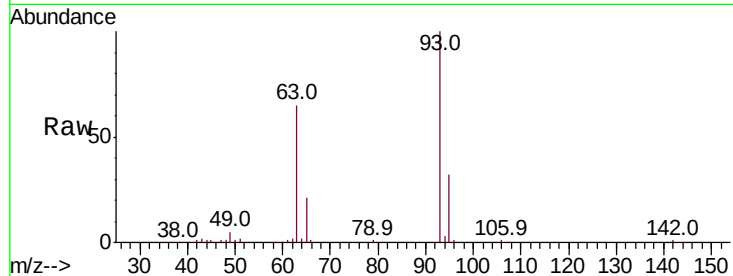
#11
bis(2-Chloroethyl)ether
Concen: 37.340 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion:	93	Resp:	327745
Ion	Ratio	Lower	Upper
93	100		
63	64.7	50.7	90.7
95	31.9	12.3	52.3

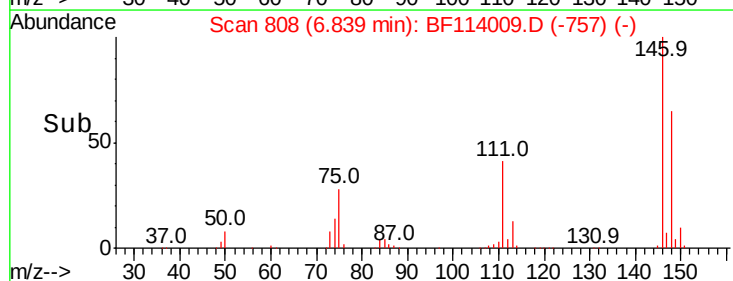
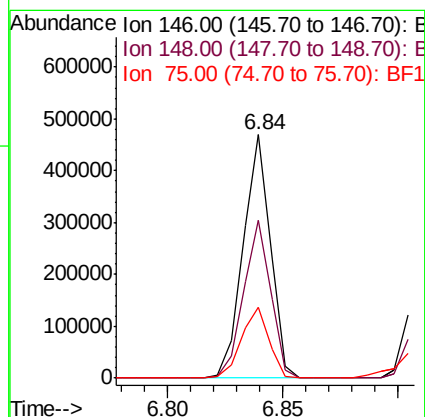
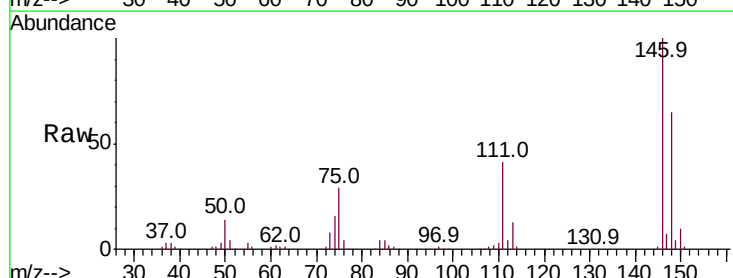
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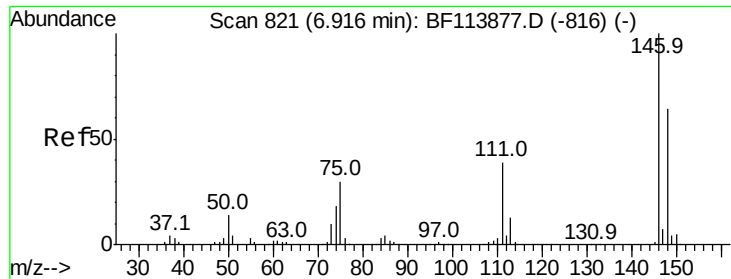
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#12
1,3-Dichlorobenzene
Concen: 38.493 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:	146	Resp:	386984
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
75	29.2	23.8	35.8





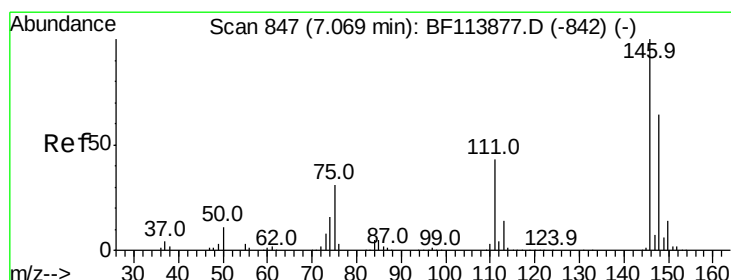
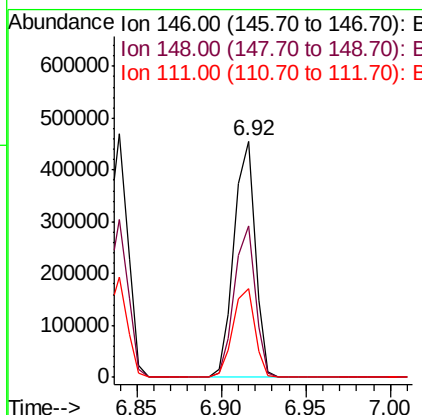
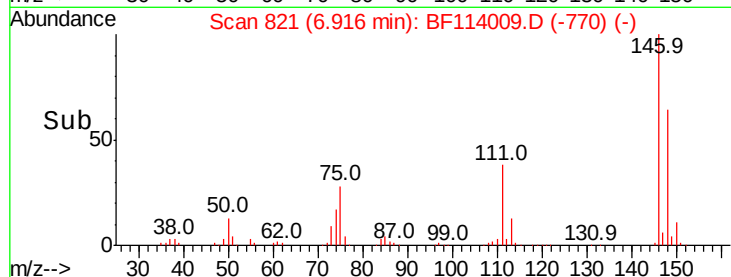
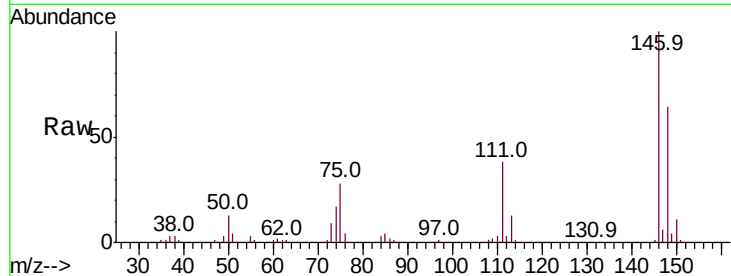
#13
 1,4-Dichlorobenzene
 Concen: 39.417 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
111	37.6	30.9	46.3

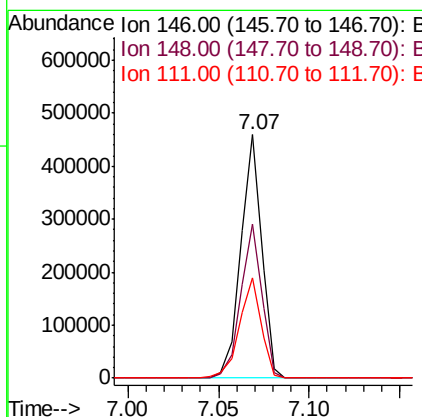
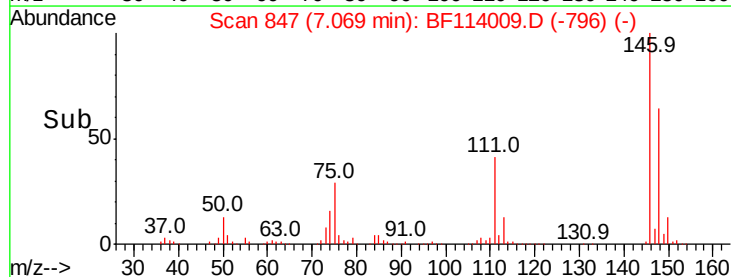
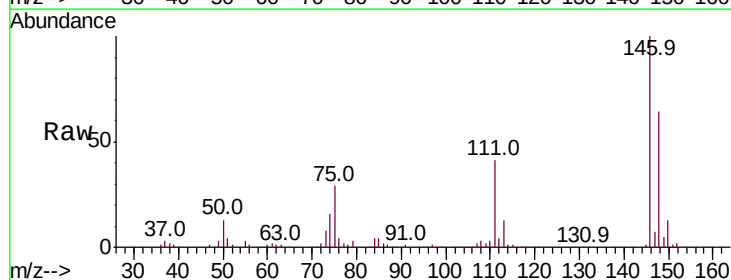
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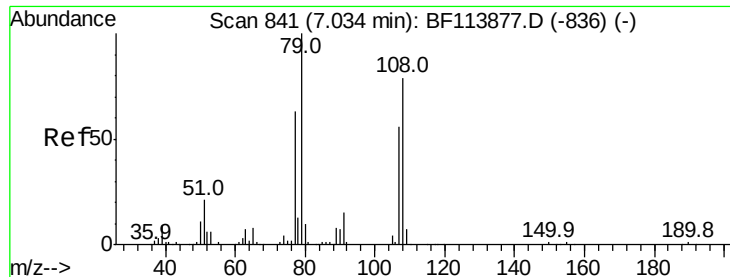
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#14
 1,2-Dichlorobenzene
 Concen: 39.626 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.1	78.1
111	41.1	34.2	51.4





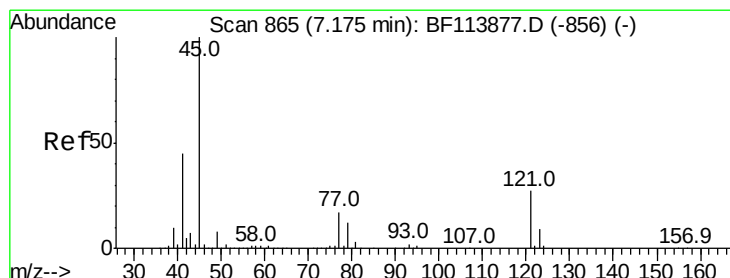
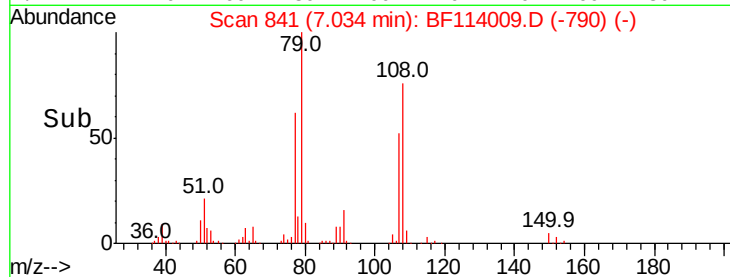
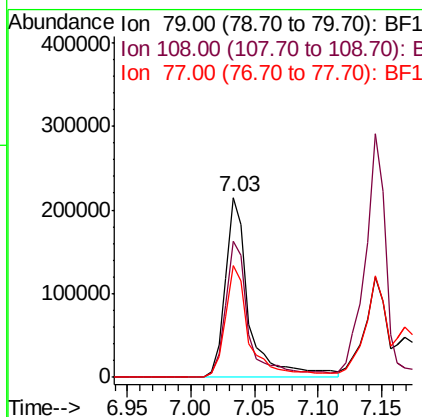
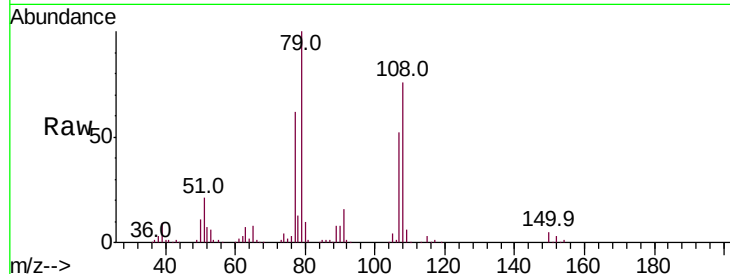
#15
Benzyl Alcohol
Concen: 42.365 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	278320		
108	75.8	61.4	92.0	
77	62.5	51.6	77.4	

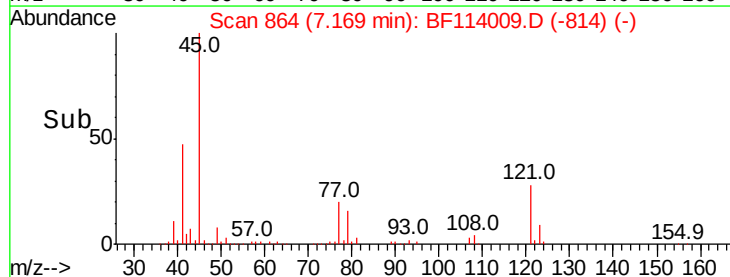
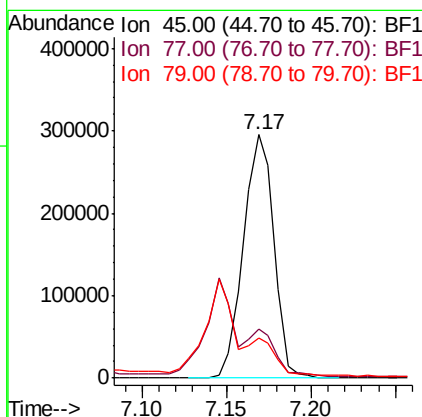
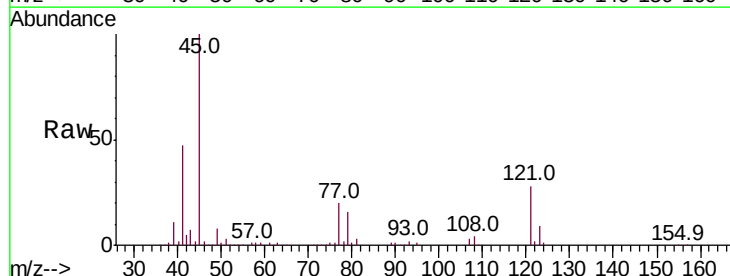
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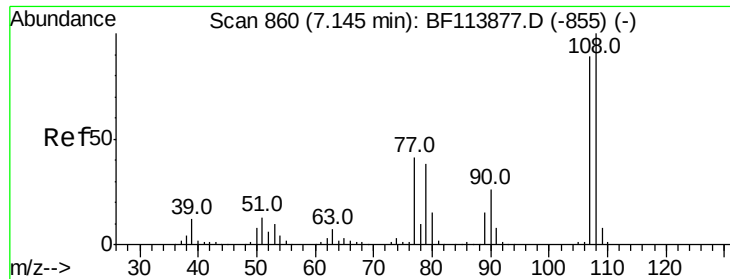
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.340 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	372348		
77	20.2	0.0	37.0	
79	16.3	0.0	32.7	





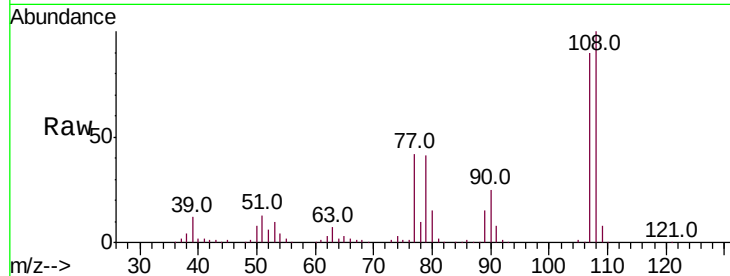
#17
2-Methylphenol
Concen: 39.010 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

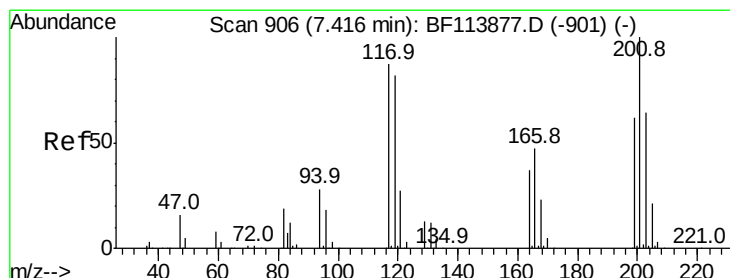
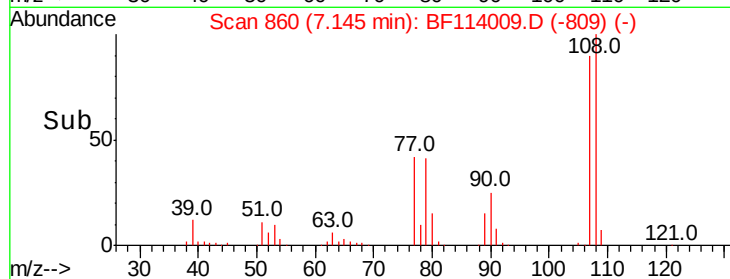
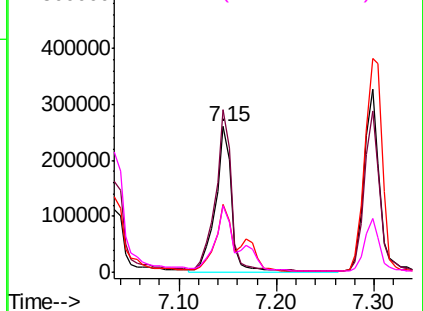
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	91.5	137.3	
77	46.7	36.2	54.4	
79	46.1	35.4	53.0	

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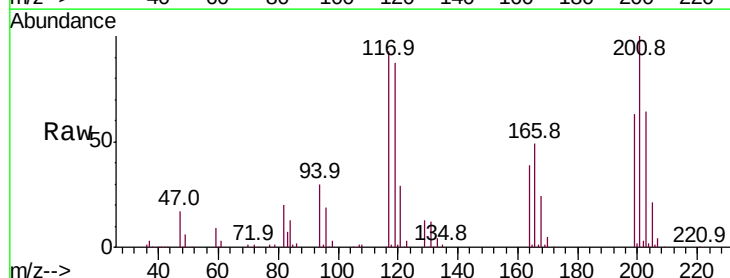


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

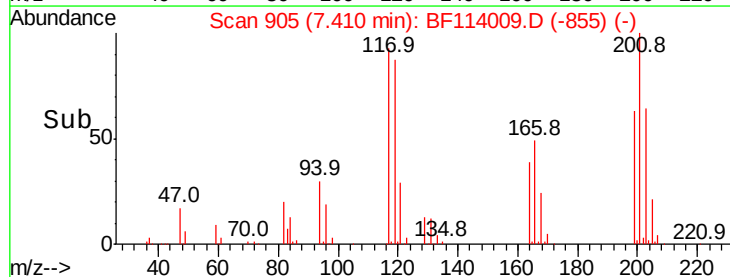
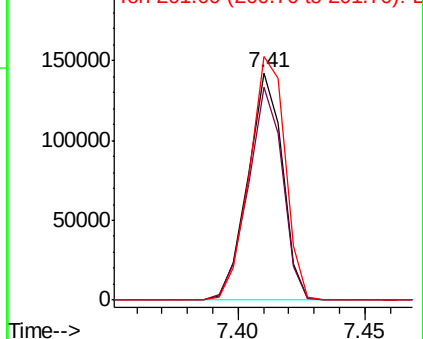


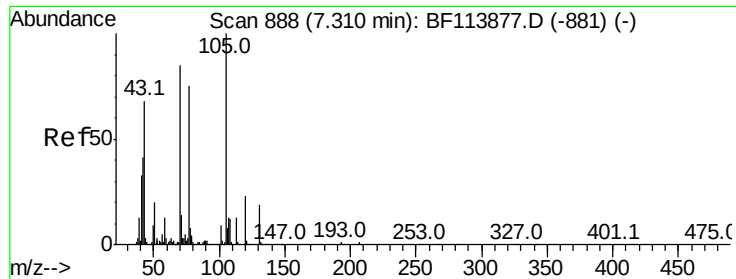
#18
Hexachloroethane
Concen: 38.135 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	74.4	111.6	
201	107.1	90.2	135.2	



Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
150000
Ion 201.00 (200.70 to 201.70): E
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 38.153 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

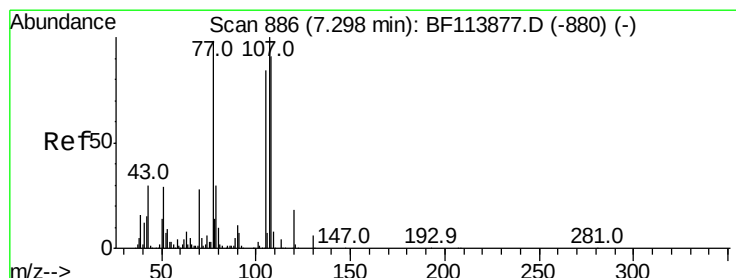
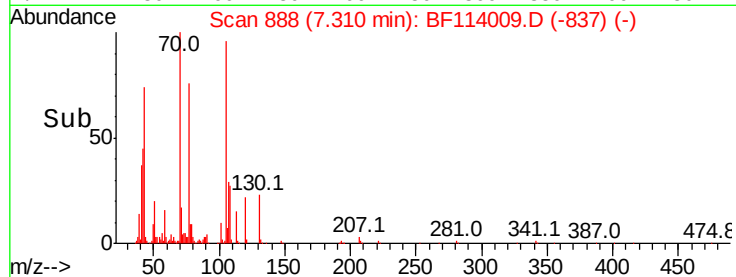
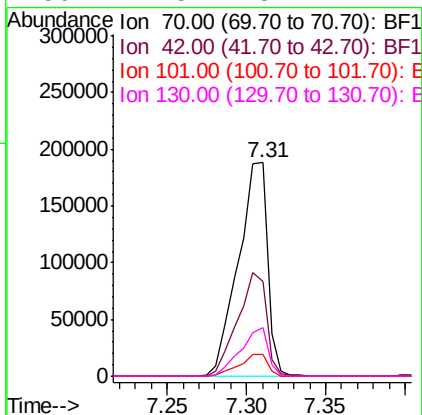
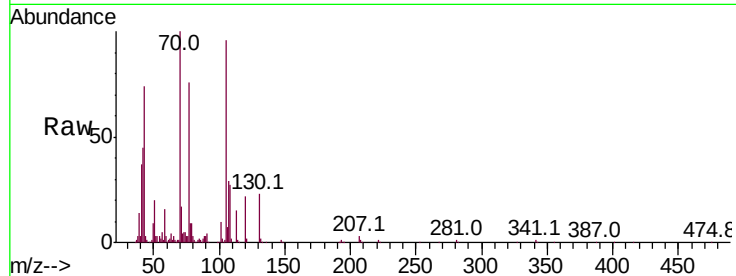
ClientSampleId :

PB119084BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.6	37.3	55.9
101	10.1	7.8	11.8
130	22.5	18.2	27.2

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#20

3+4-Methylphenols

Concen: 41.527 ng

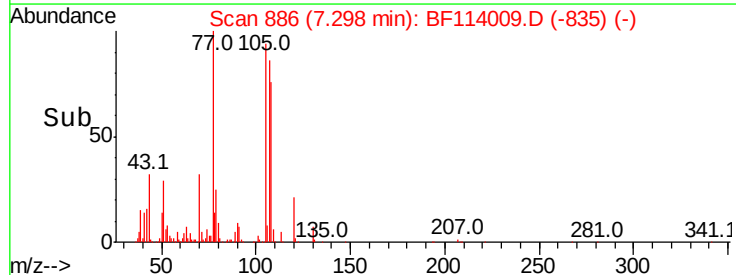
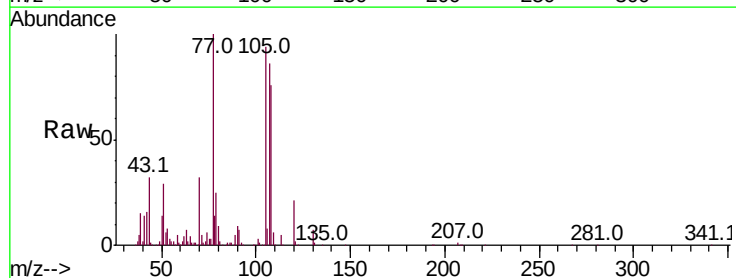
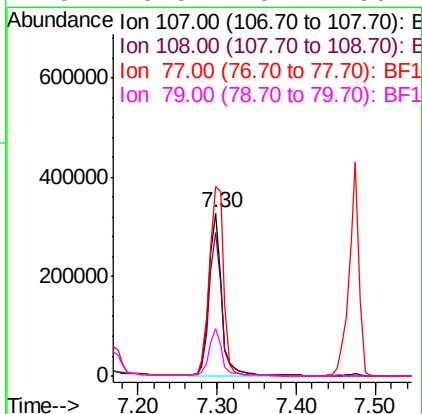
RT: 7.30 min Scan# 886

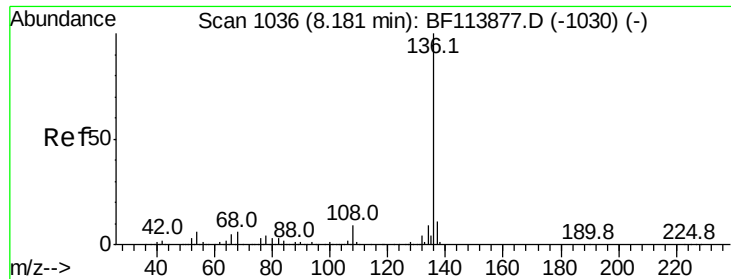
Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.1	110.1
77	116.6	52.9	92.9
79	29.5	10.2	50.2





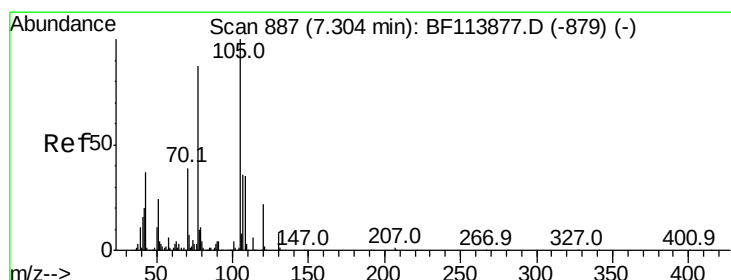
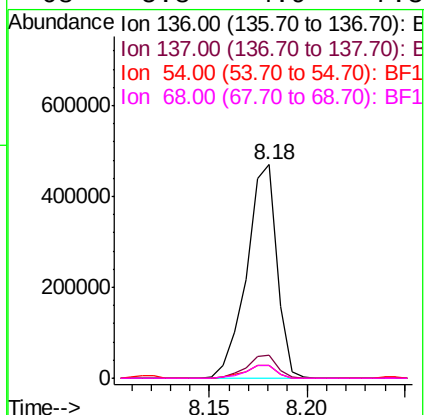
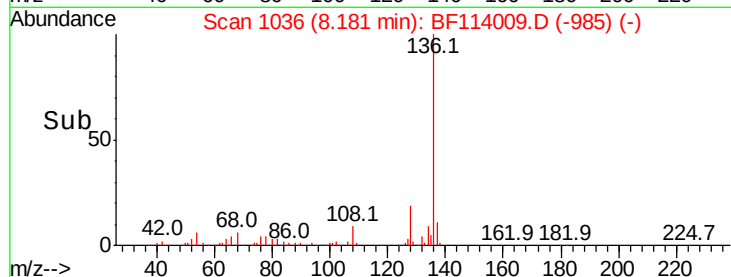
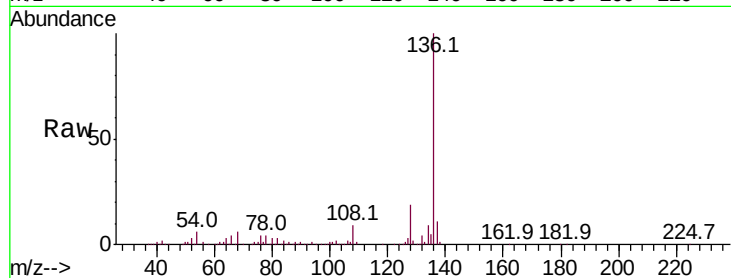
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	506124		
137	10.8	8.6	12.8	
54	5.8	5.0	7.6	
68	5.8	4.9	7.3	

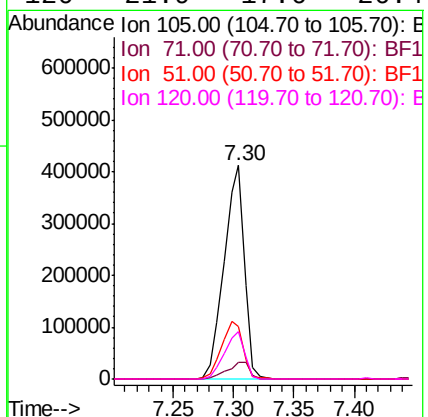
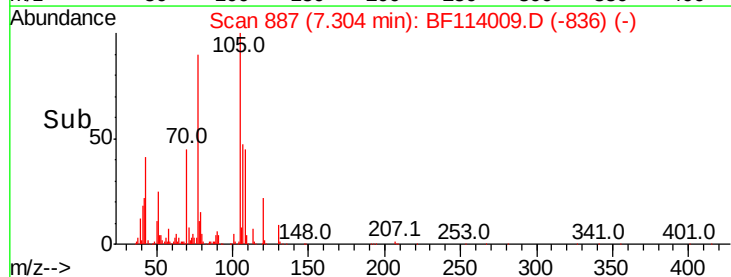
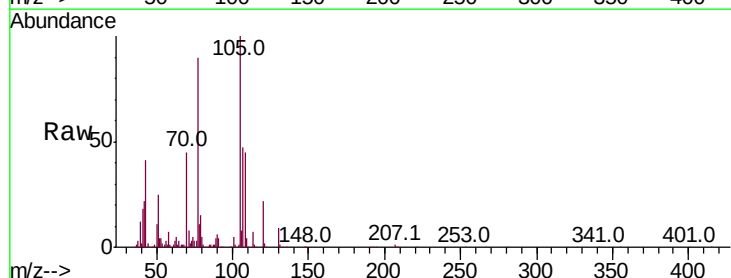
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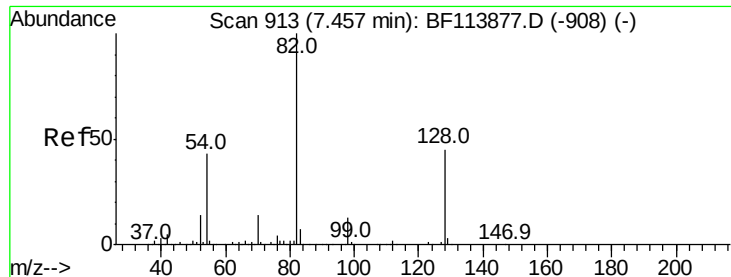
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#22
Acetophenone
Concen: 42.321 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	476660		
71	7.7	6.1	9.1	
51	24.7	16.8	25.2	
120	21.9	17.6	26.4	





#23

Nitrobenzene-d5

Concen: 83.354 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

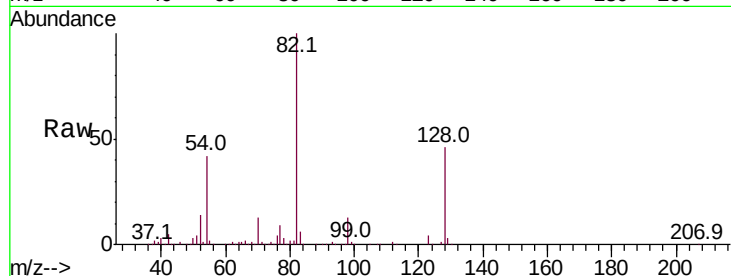
ClientSampleId :

PB119084BS

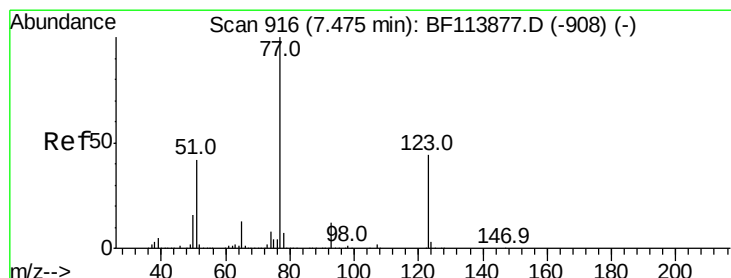
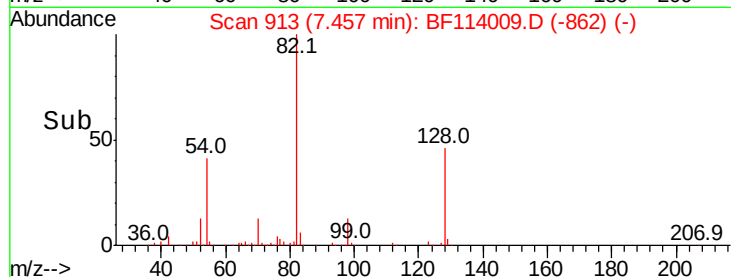
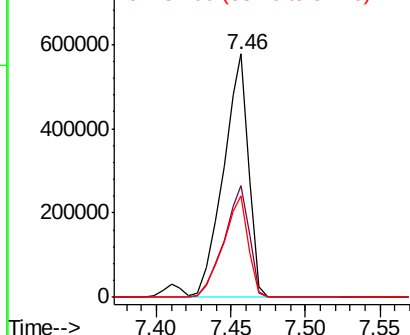
Tot Ion:	82	Resp:	683263
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.8	55.2
54	41.7	33.8	50.6

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



#24

Nitrobenzene

Concen: 41.094 ng

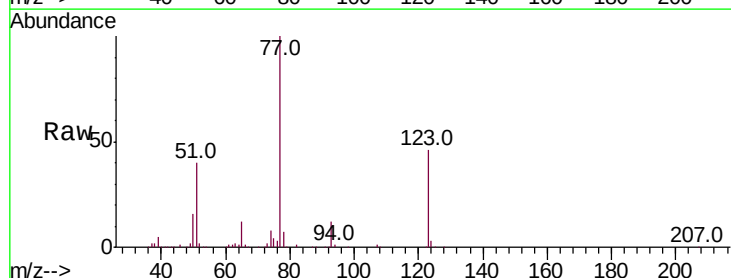
RT: 7.47 min Scan# 916

Delta R.T. 0.00 min

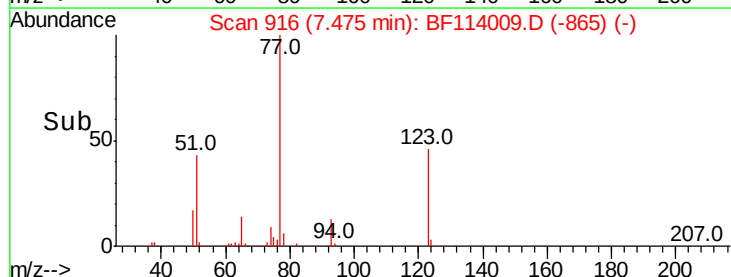
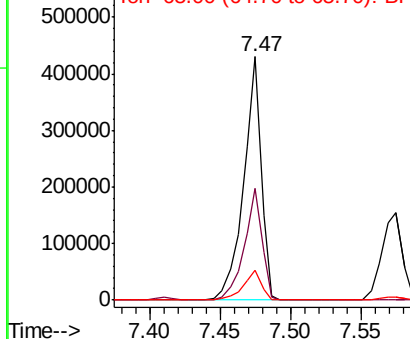
Lab File: BF114009.D

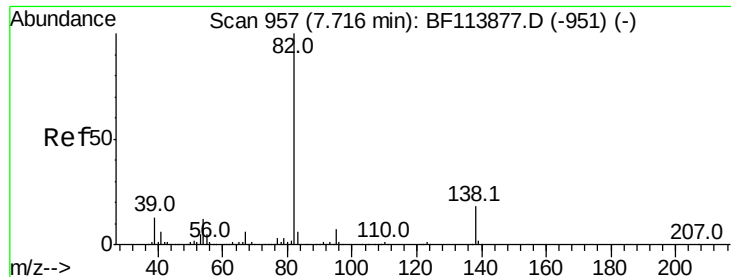
Acq: 26 Apr 2019 14:51

Tgt Ion:	77	Resp:	372210
Ion Ratio	Lower	Upper	
77	100		
123	46.0	36.3	54.5
65	12.4	10.3	15.5



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





#25

Isophorone

Concen: 39.333 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

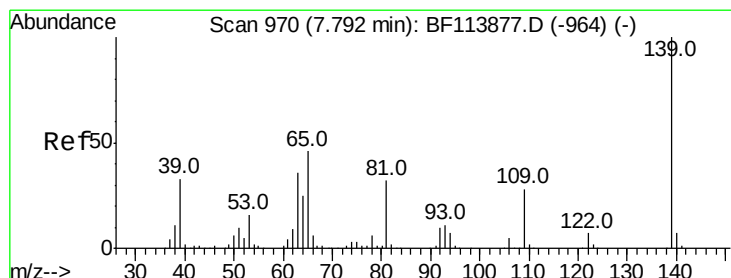
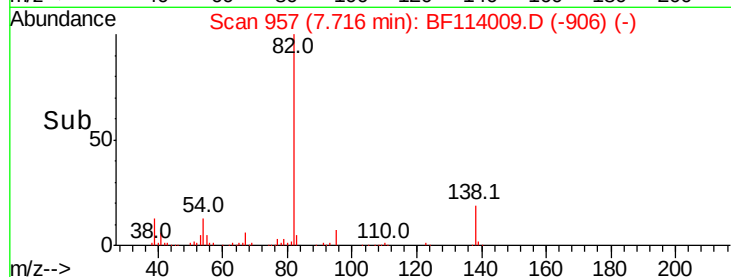
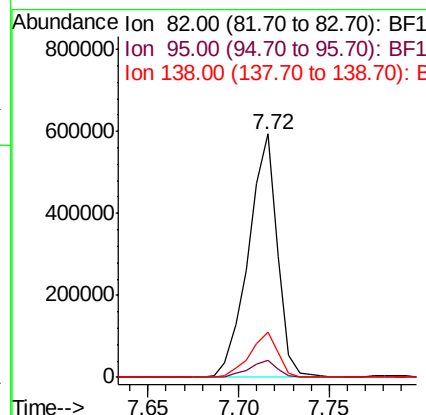
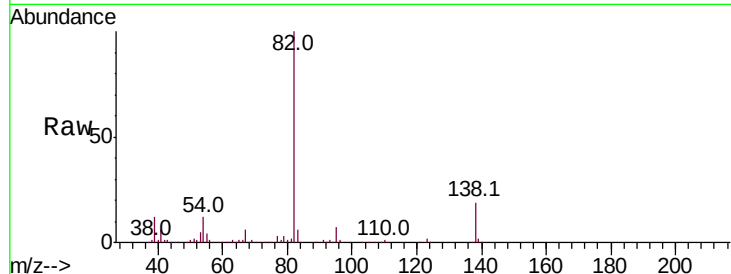
ClientSampleId :

PB119084BS

Tot Ion:	82	Resp:	659718
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	18.6	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.484 ng

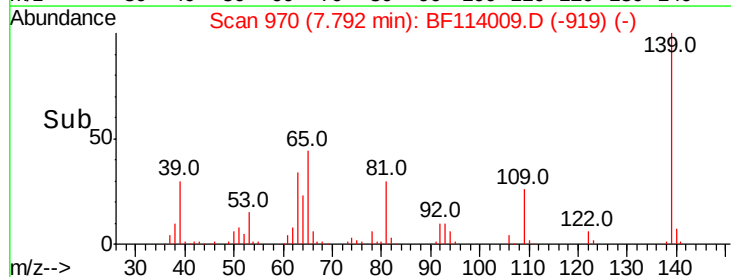
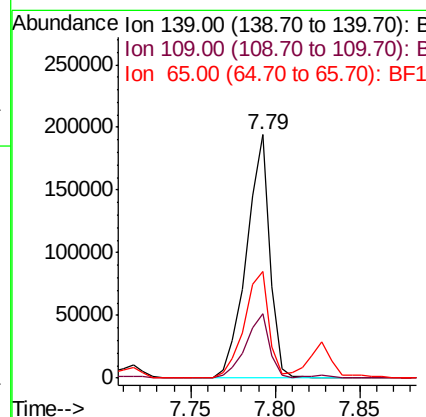
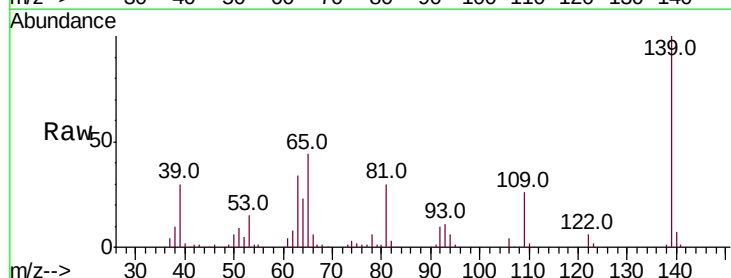
RT: 7.79 min Scan# 970

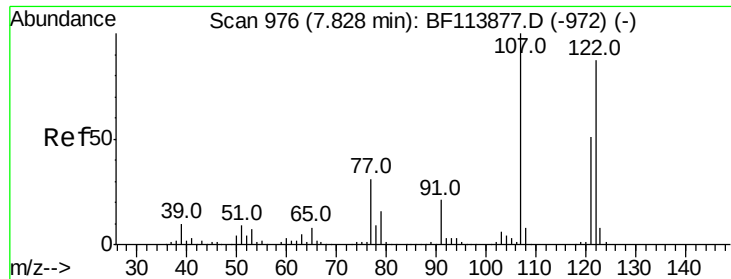
Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:	139	Resp:	187945
Ion Ratio	Lower	Upper	
139	100		
109	26.3	20.6	31.0
65	43.7	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 48.801 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

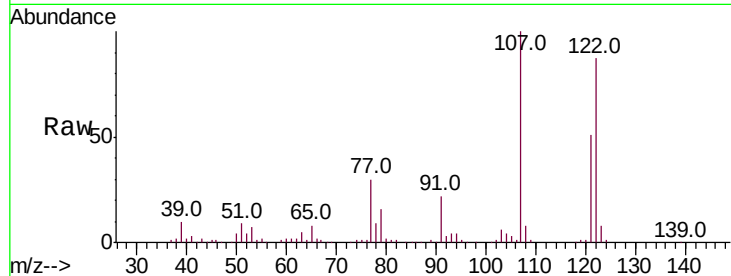
ClientSampleId :

PB119084BS

Tot Ion:	122	Resp:	328540
Ion Ratio	Lower	Upper	
122	100		
107	115.3	91.2	136.8
121	59.0	46.4	69.6

Manual Integrations
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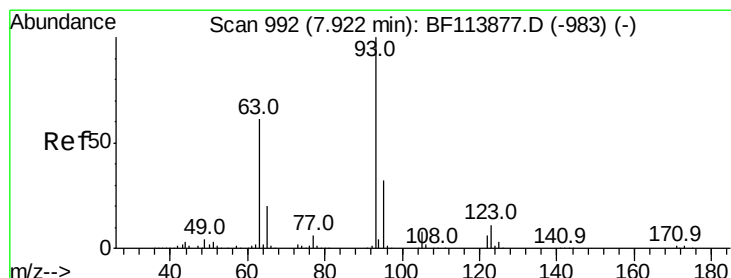
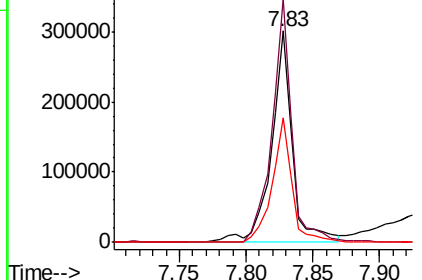
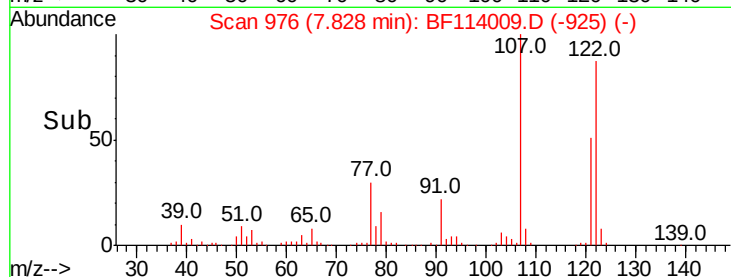
Sohil
4/27/2019 2:36:46 AM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.520 ng

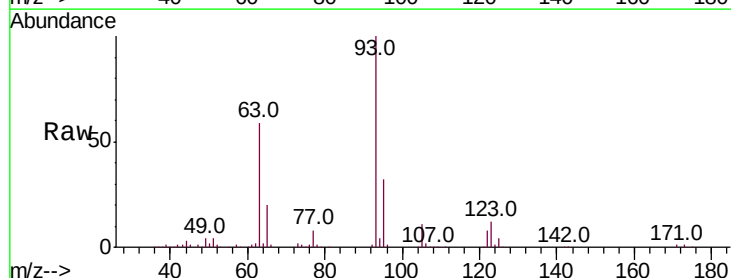
RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

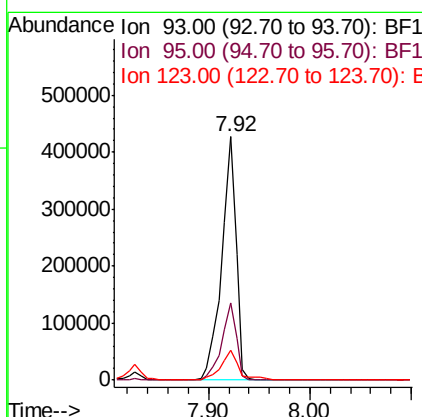
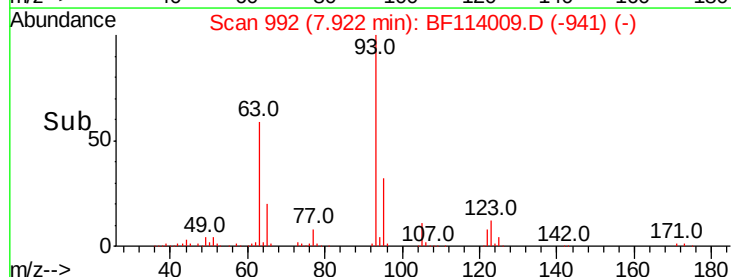
Tgt Ion:	93	Resp:	422381
Ion Ratio	Lower	Upper	
93	100		
95	31.7	25.8	38.6
123	12.0	9.0	13.6

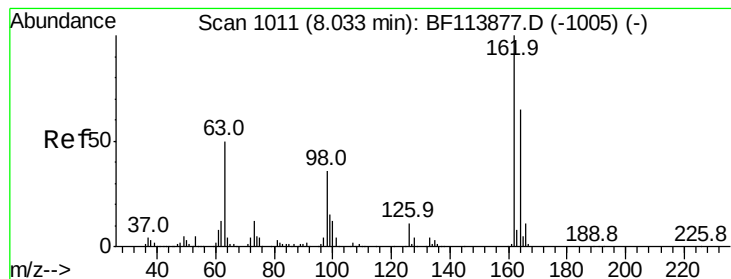


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.726 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

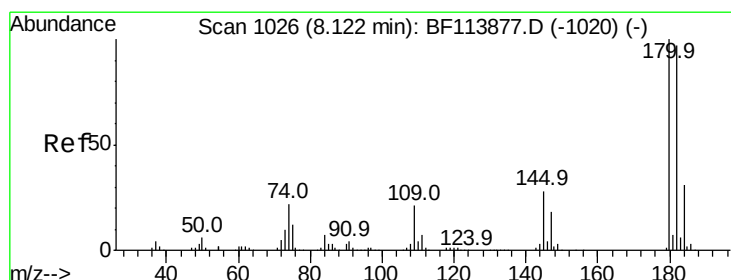
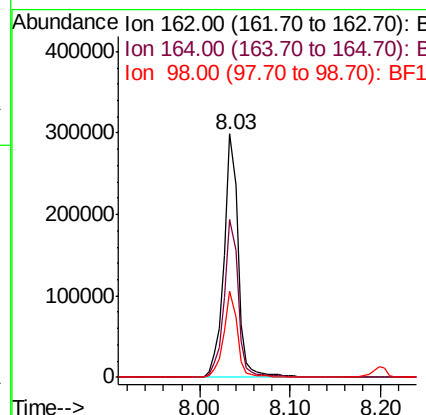
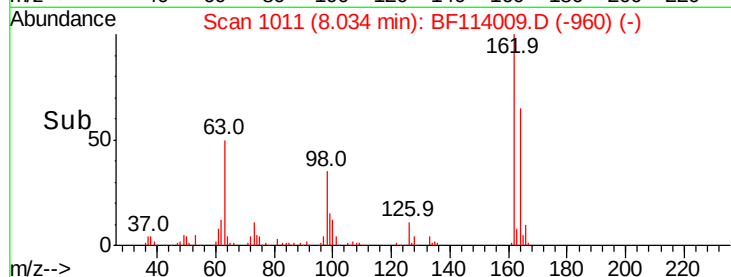
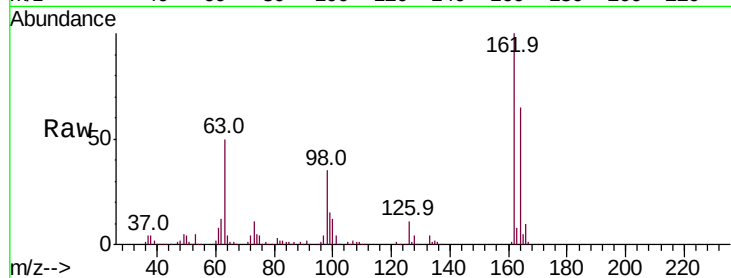
ClientSampleId :

PB119084BS

Tot Ion:	162	Resp:	321230
Ion Ratio	Lower	Upper	
162	100		
164	65.0	43.7	83.7
98	35.2	15.5	55.5

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#30

1,2,4-Trichlorobenzene

Concen: 40.653 ng

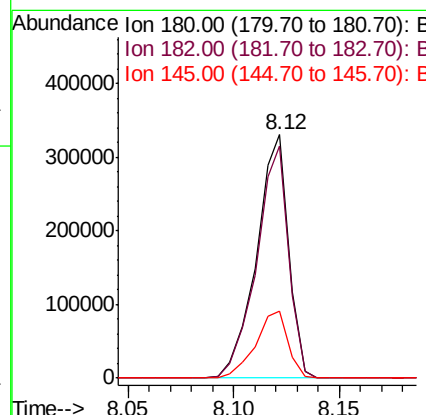
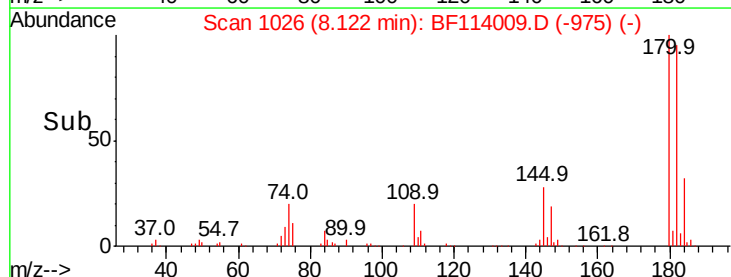
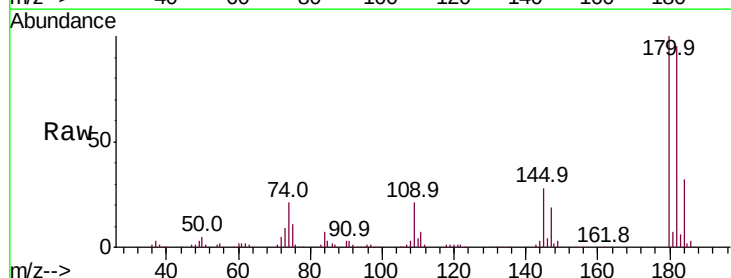
RT: 8.12 min Scan# 1026

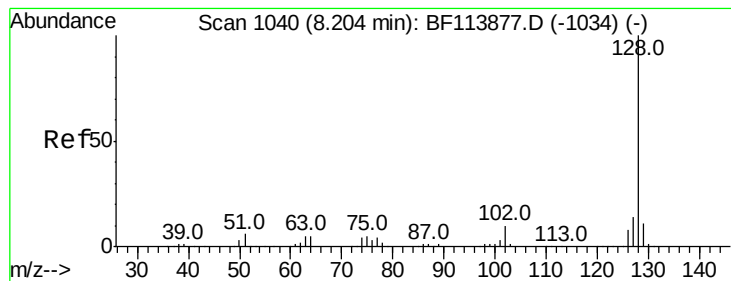
Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:	180	Resp:	348963
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.4	113.0
145	27.7	23.0	34.4





#31

Naphthalene

Concen: 41.834 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

Tot Ion:128 Resp: 1005855

Ion Ratio Lower Upper

128 100

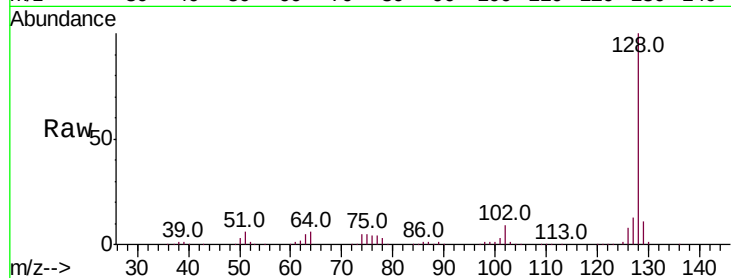
129 11.3 9.4 14.0

127 13.3 10.8 16.2

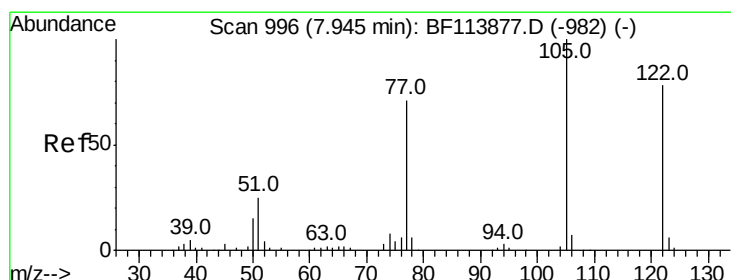
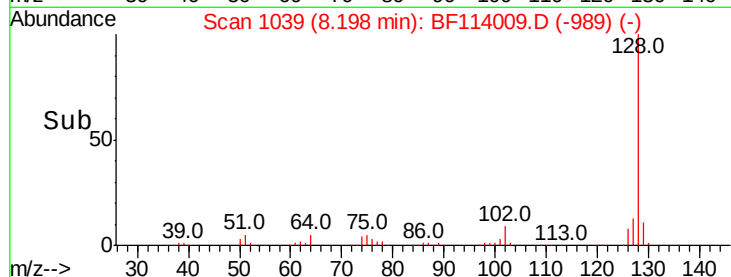
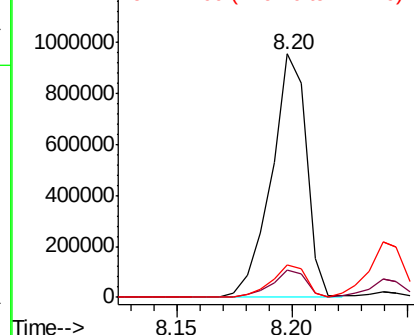
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.316 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

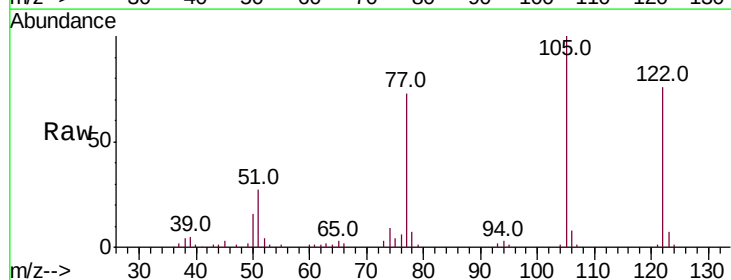
Tgt Ion:122 Resp: 192384

Ion Ratio Lower Upper

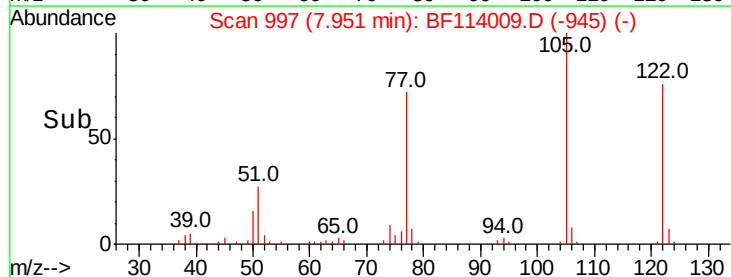
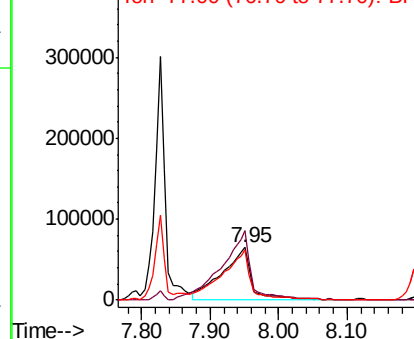
122 100

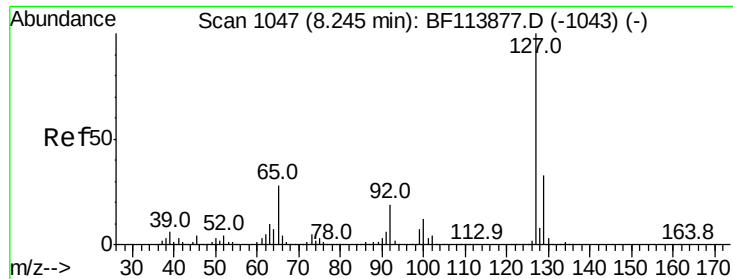
105 131.3 104.3 144.3

77 95.9 70.4 110.4



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





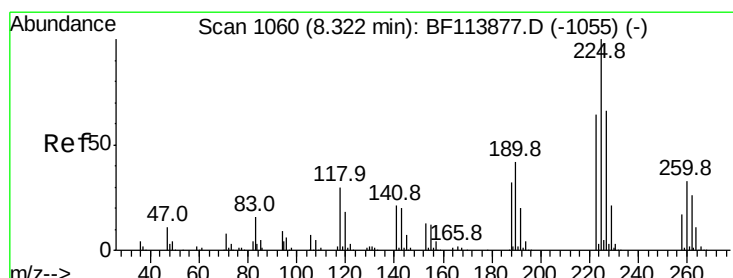
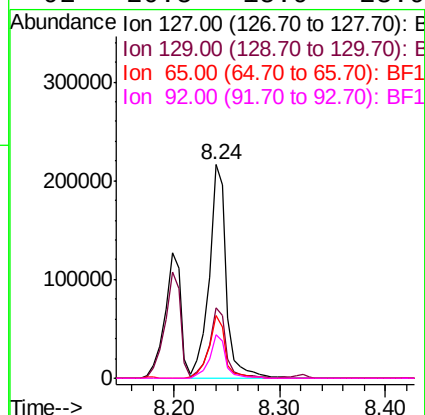
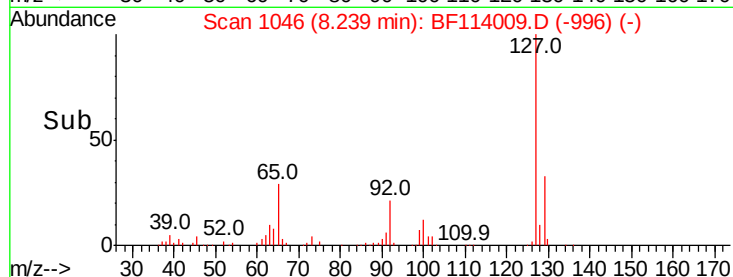
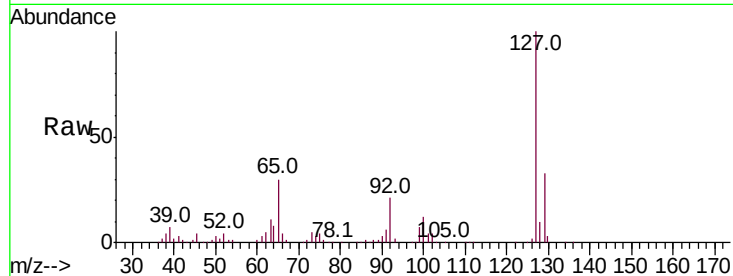
#33
4-Chloroaniline
Concen: 24.157 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.4	39.6		
65	29.7	24.9	37.3		
92	20.5	15.9	23.9		

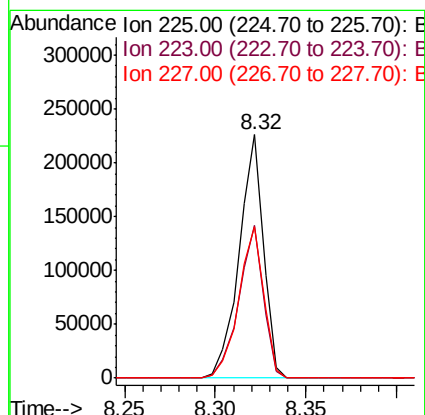
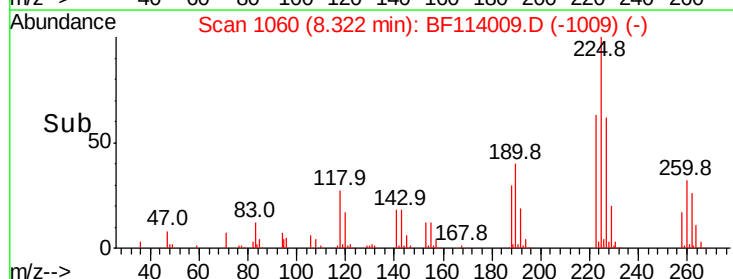
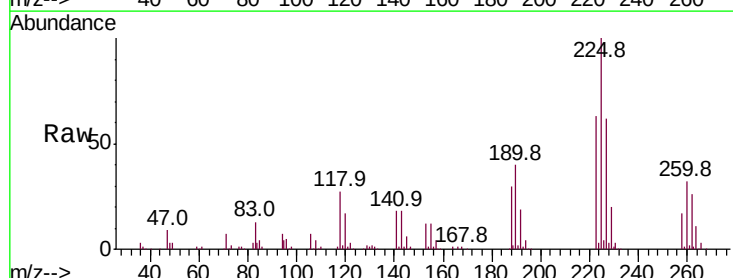
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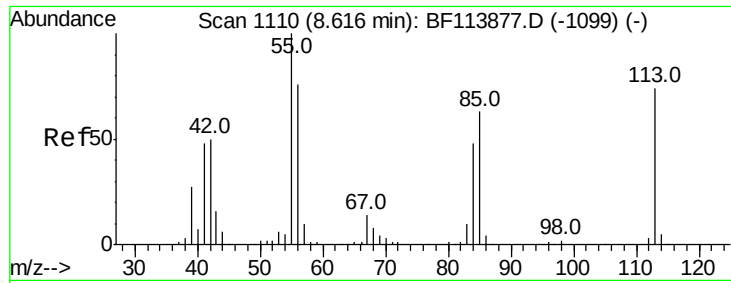
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#34
Hexachlorobutadiene
Concen: 39.328 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.1	76.7		
227	62.4	49.9	74.9		





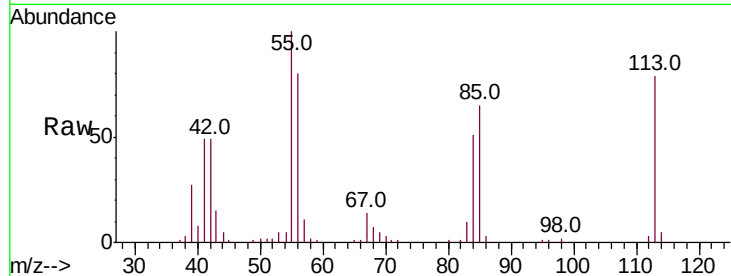
#35
 Caprolactam
 Concen: 40.441 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleID :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.4	128.6	168.6#
56	102.2	91.9	131.9

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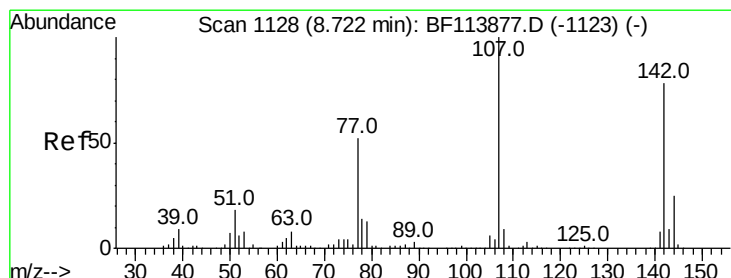
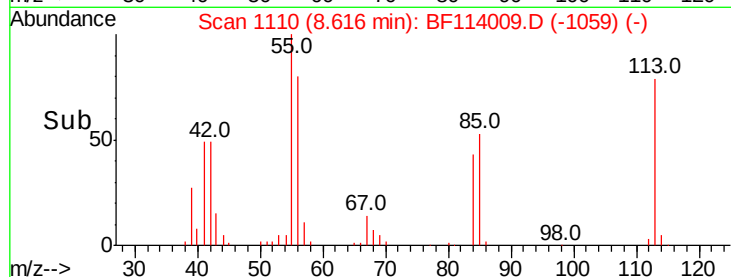
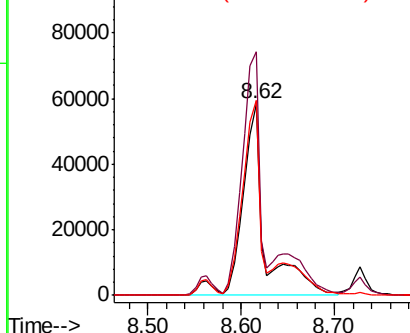


Abundance

Ion 113.00 (112.70 to 113.70): E

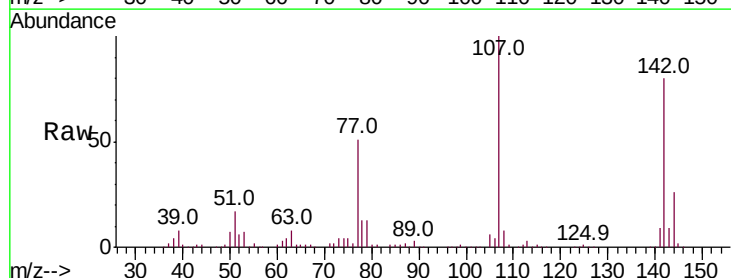
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 41.612 ng/ml
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	80.4	64.2	96.4

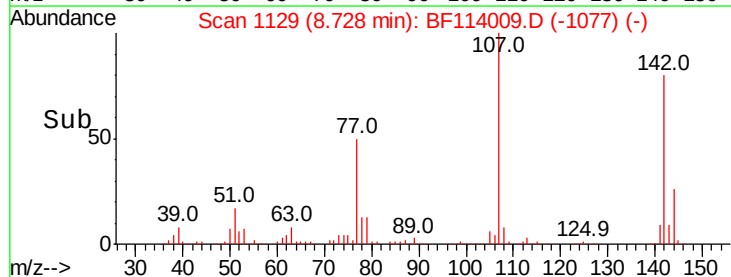
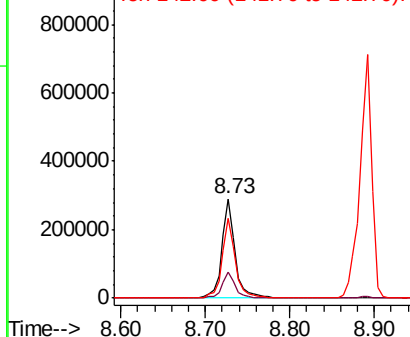


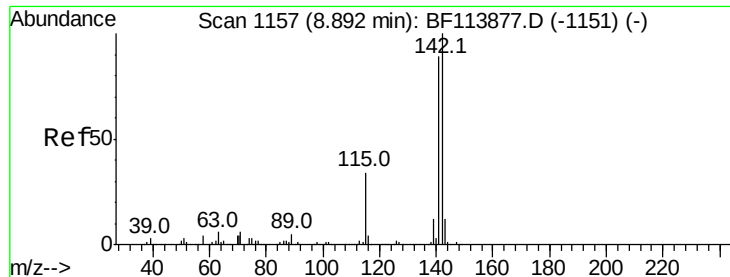
Abundance

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





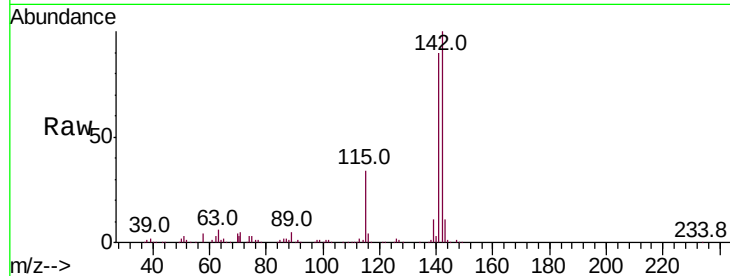
#37
2-Methylnaphthalene
Concen: 42.586 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.4	105.6
115	34.0	26.3	39.5

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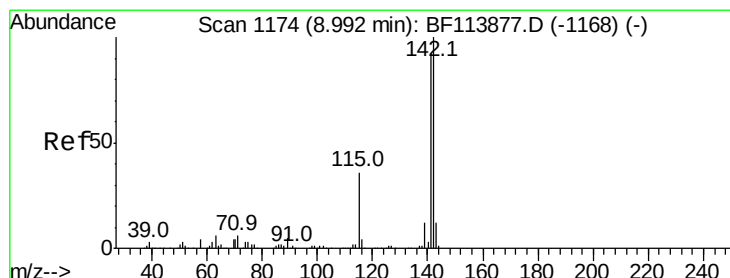
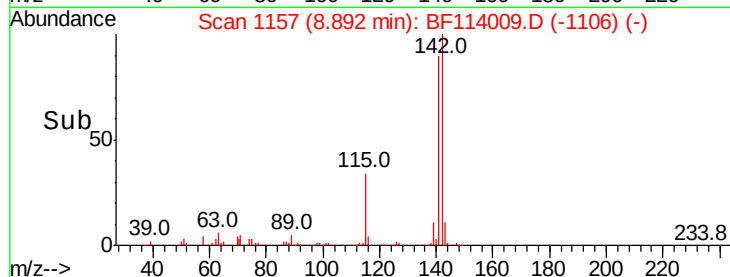
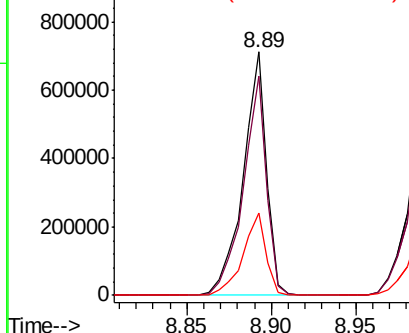


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.533 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

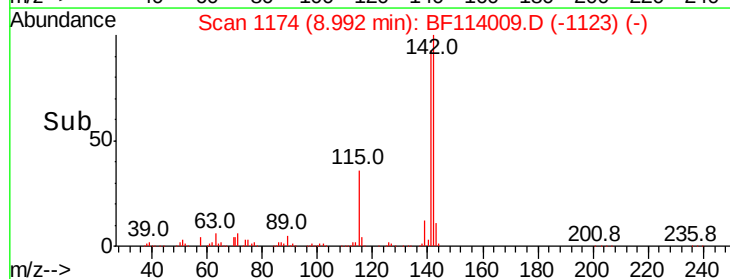
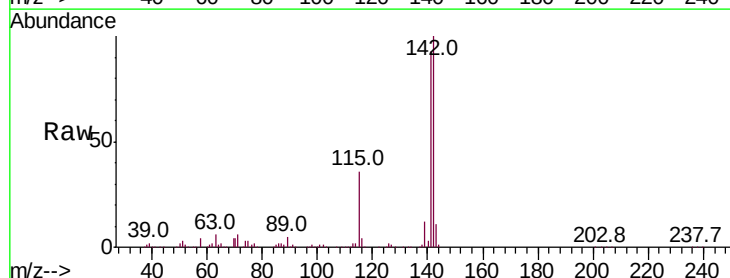
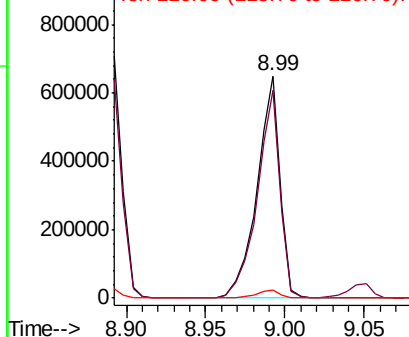
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.3	108.5
116	3.6	3.0	4.4

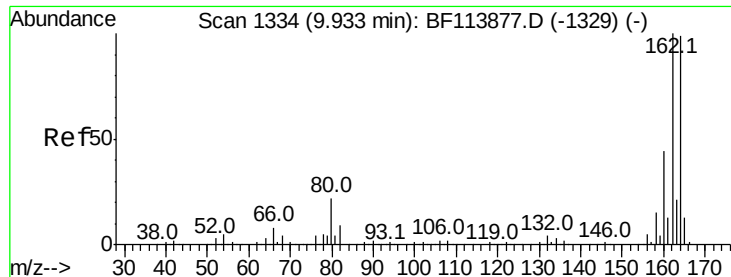
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





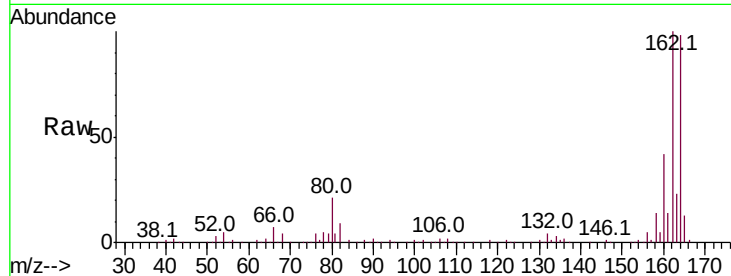
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	277319		
162	102.5	81.1	121.7	
160	43.3	35.8	53.6	

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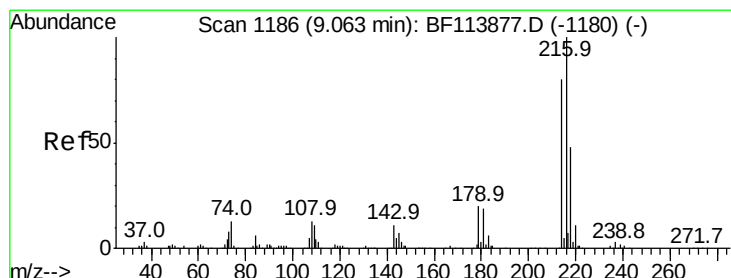
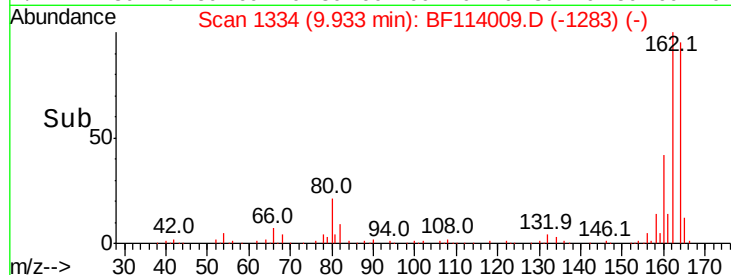
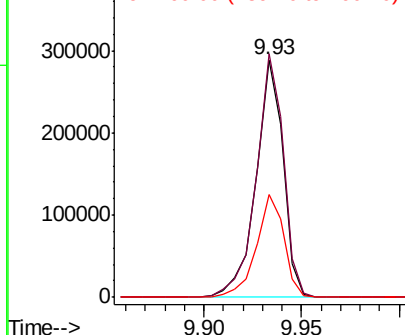


Abundance

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: 39.000 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	351321		
214	77.8	63.5	95.3	
179	20.4	16.1	24.1	
108	18.2	13.4	20.0	

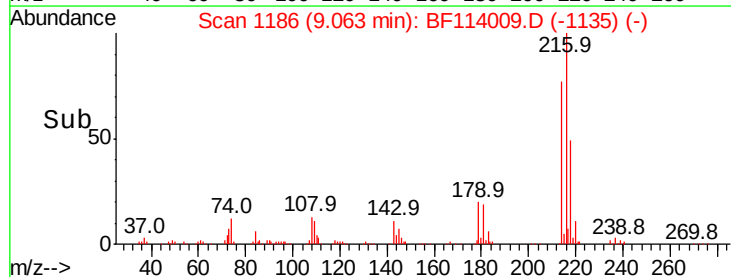
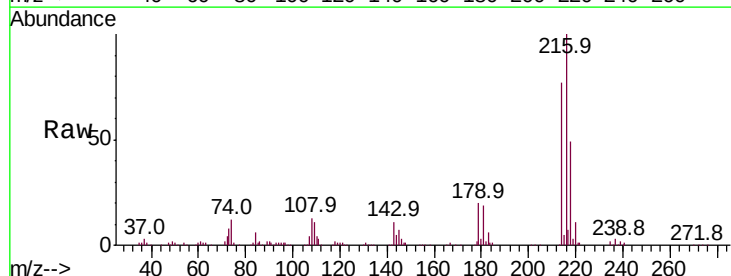
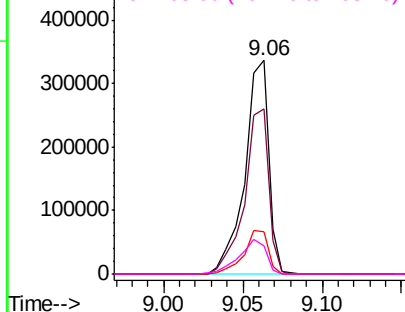
Abundance

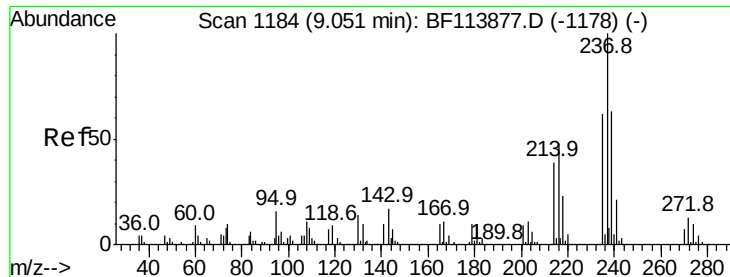
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





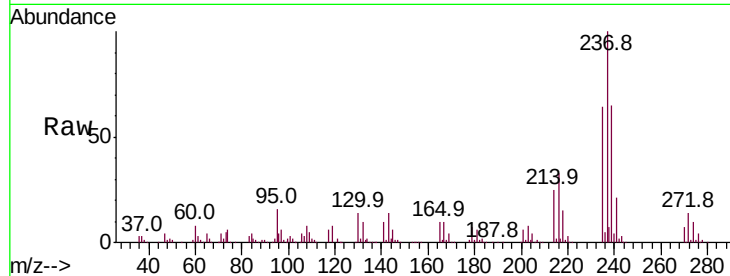
#41
Hexachlorocyclopentadiene
Concen: 87.927 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

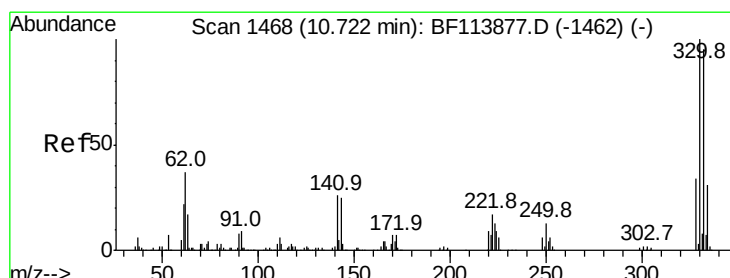
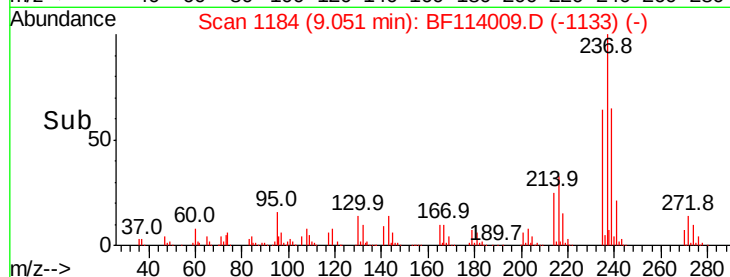
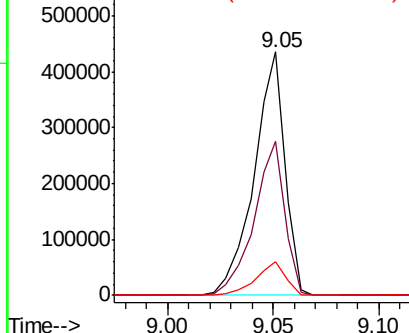
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	42.6	82.6	
272	13.6	0.0	33.8	

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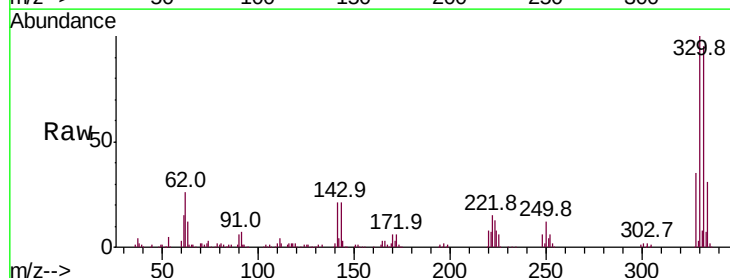


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

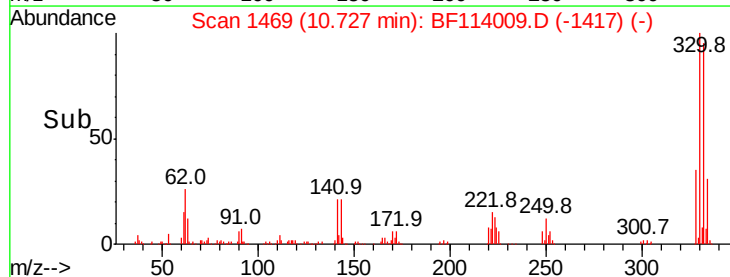
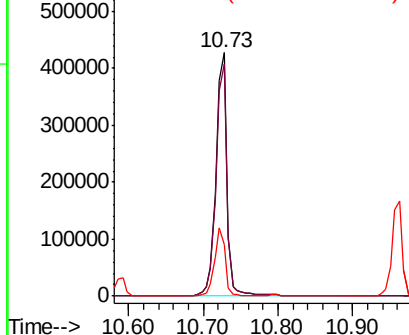


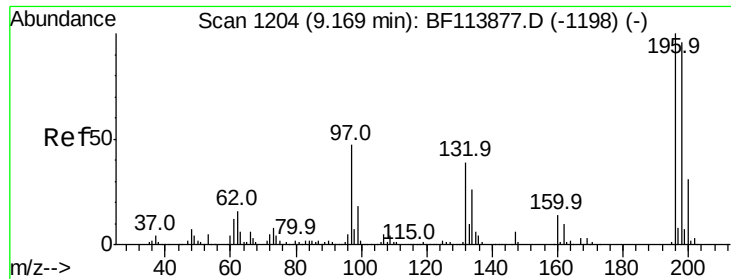
#42
2,4,6-Tribromophenol
Concen: 129.862 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.5	116.3	
141	27.1	22.2	33.2	



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





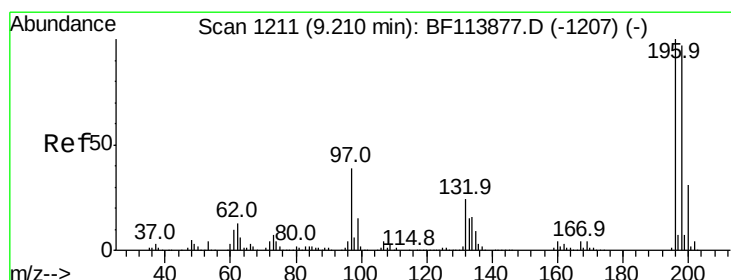
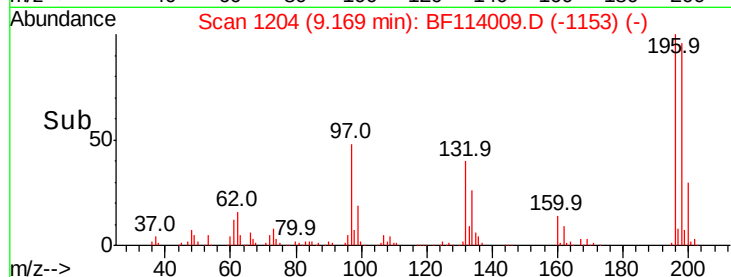
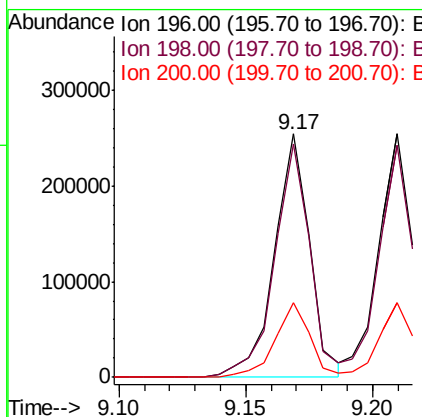
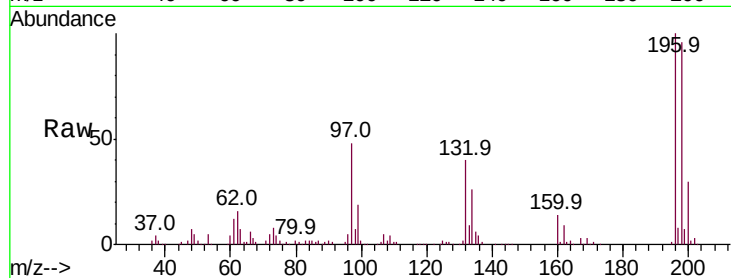
#43
 2,4,6-Trichlorophenol
 Concen: 42.800 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244821		
198	95.7	75.6	113.4	
200	30.5	24.7	37.1	

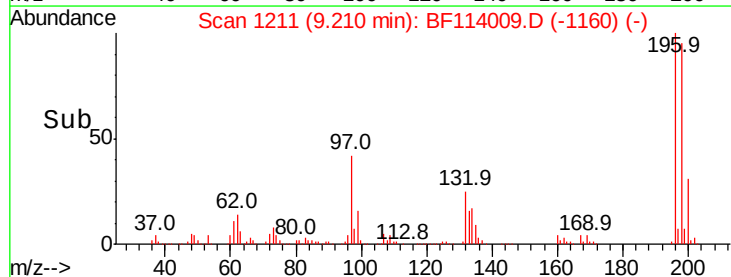
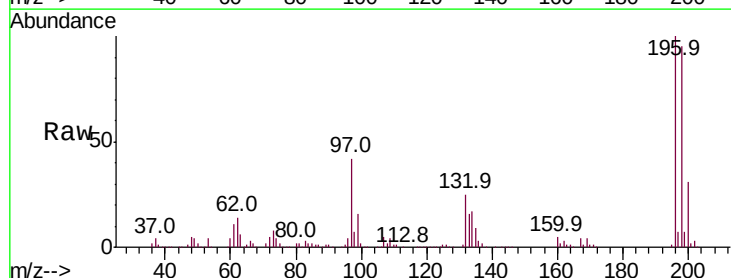
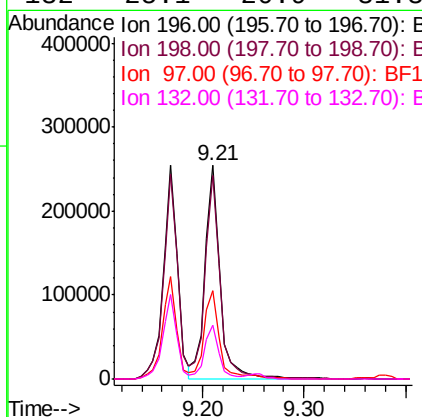
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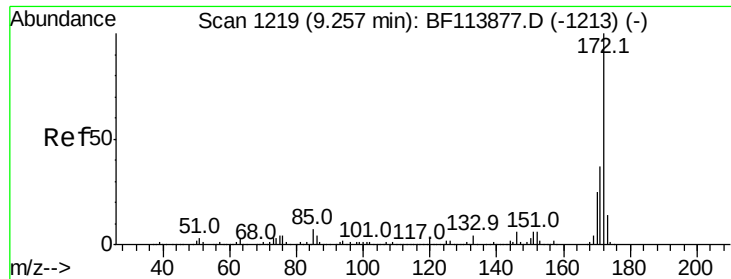
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#44
 2,4,5-Trichlorophenol
 Concen: 40.780 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261644		
198	95.4	76.2	114.4	
97	41.7	35.8	53.8	
132	25.1	20.9	31.3	





#45

2-Fluorobiphenyl

Concen: 79.299 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

Tot Ion:172 Resp: 1406067

Ion Ratio Lower Upper

172 100

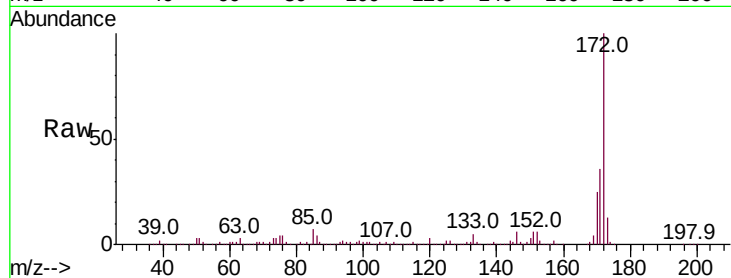
171 36.4 29.4 44.0

170 24.6 19.9 29.9

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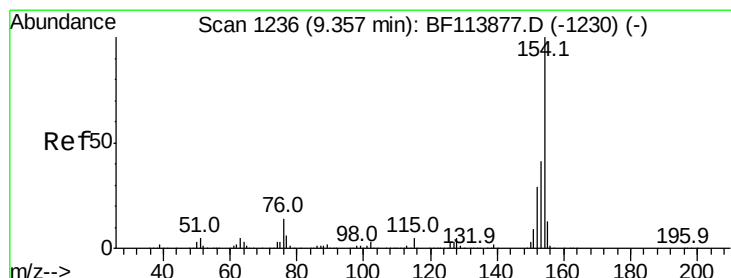
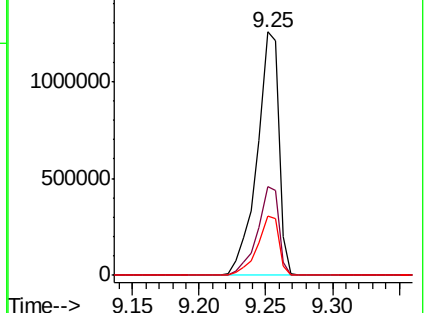
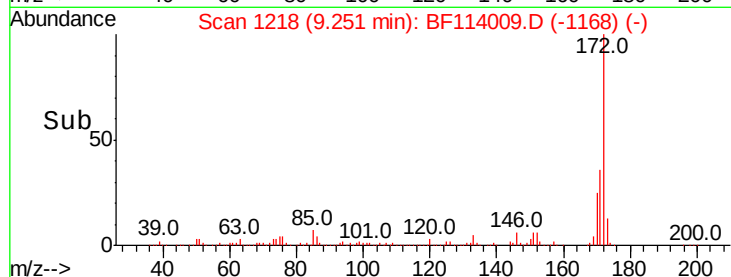
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.332 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

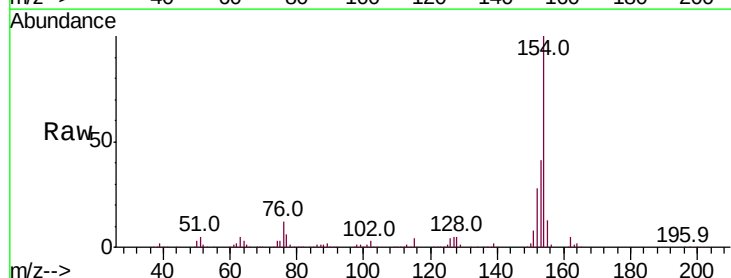
Tgt Ion:154 Resp: 854443

Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

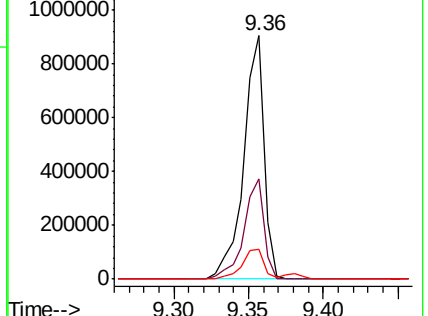
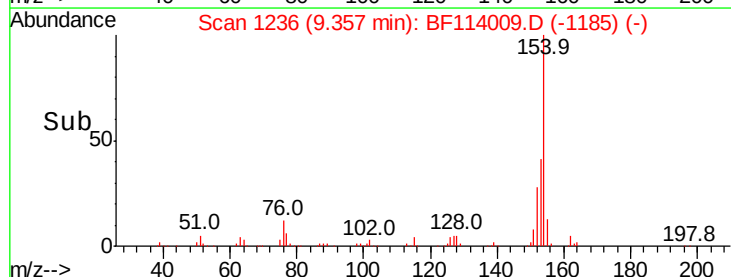
76 12.4 0.0 35.2

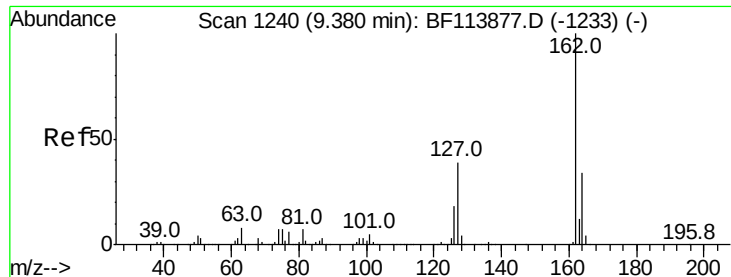


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





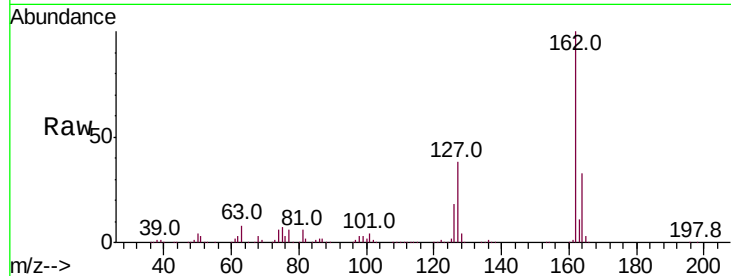
#47
 2-Chloronaphthalene
 Concen: 40.632 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

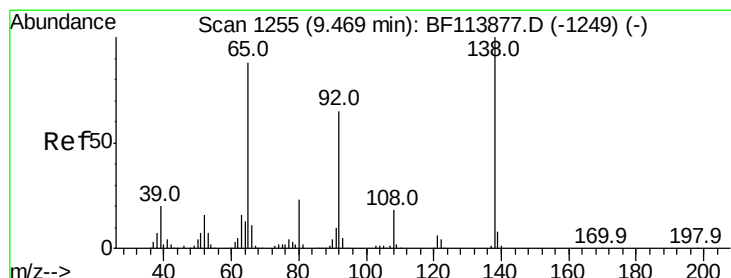
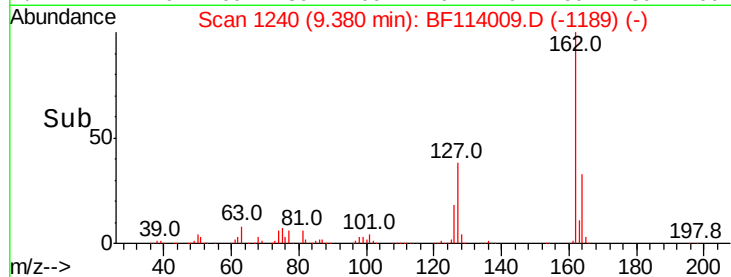
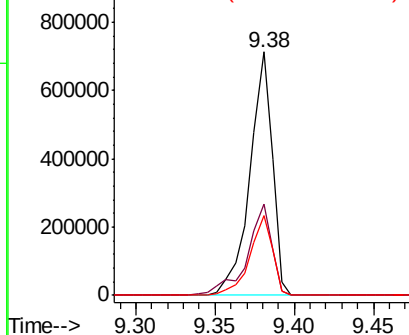
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.7	29.3	43.9	
164	33.0	27.1	40.7	

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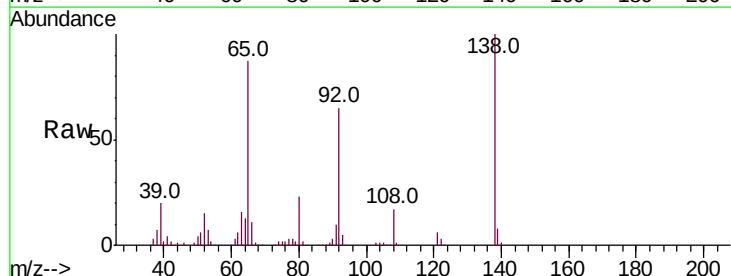


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

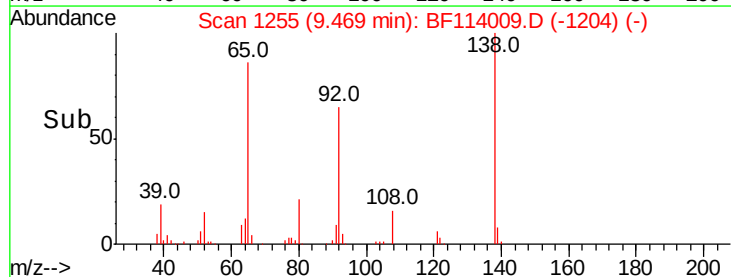
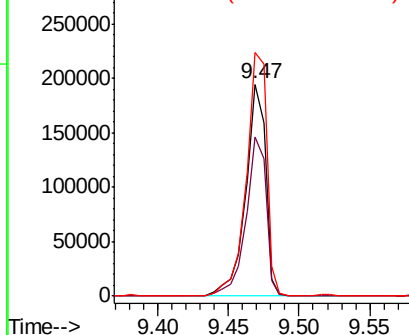


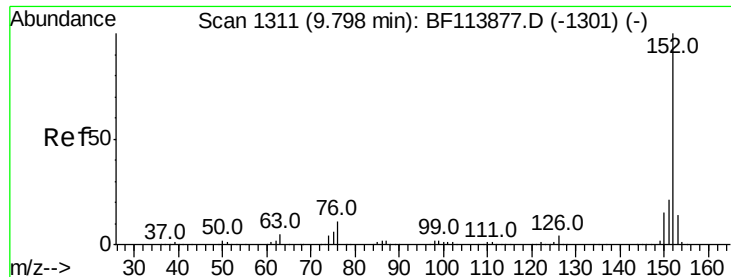
#48
 2-Nitroaniline
 Concen: 42.866 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	74.8	57.4	86.0	
138	114.8	85.4	128.0	



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





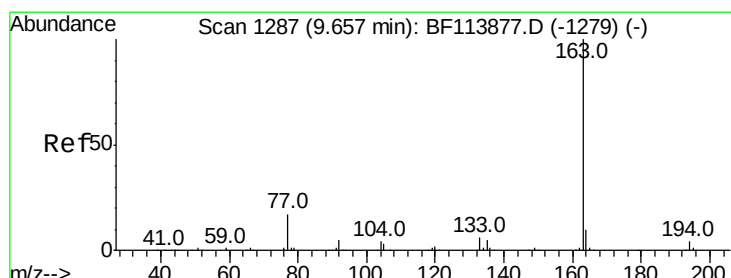
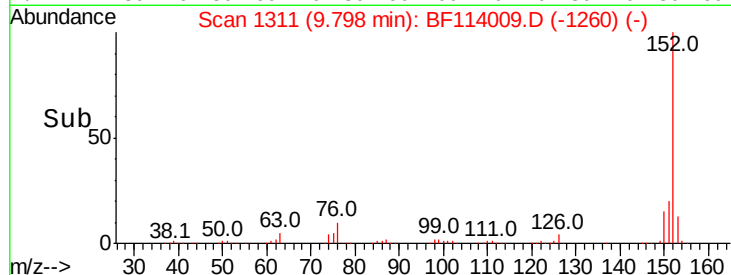
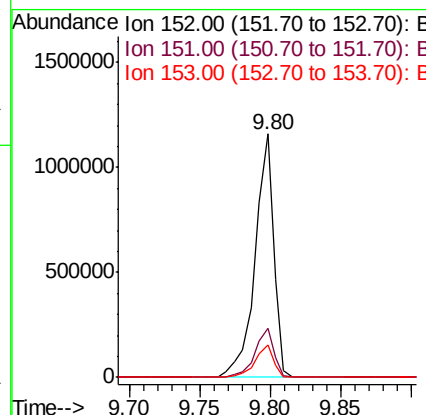
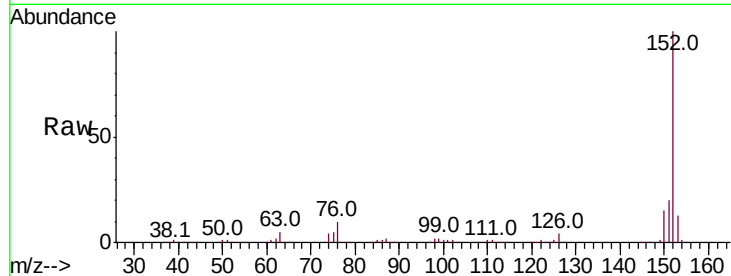
#49
Acenaphthylene
Concen: 40.082 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.4
153	13.2	11.0	16.6

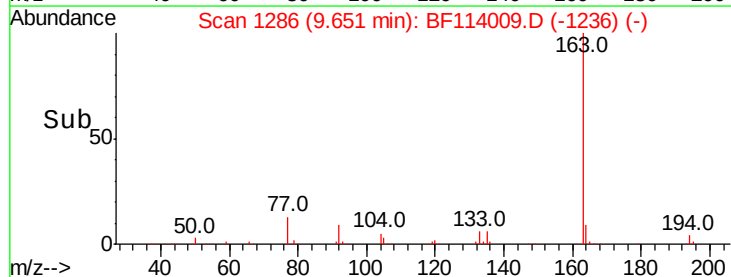
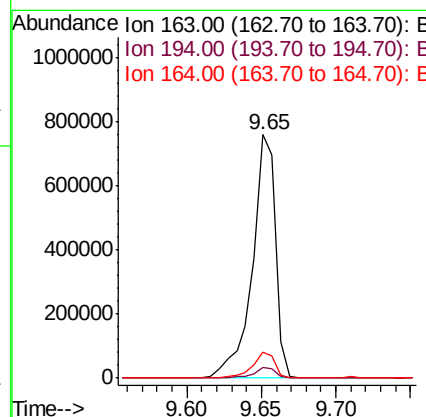
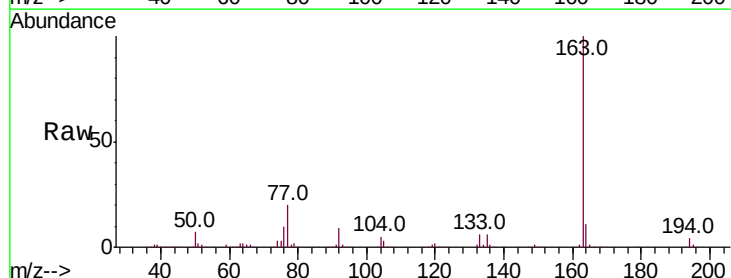
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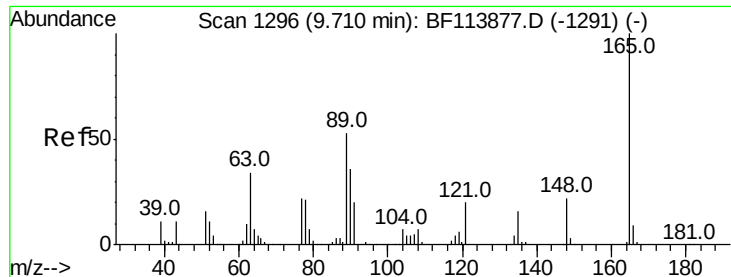
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#50
Dimethylphthalate
Concen: 40.421 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.6	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 43.483 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

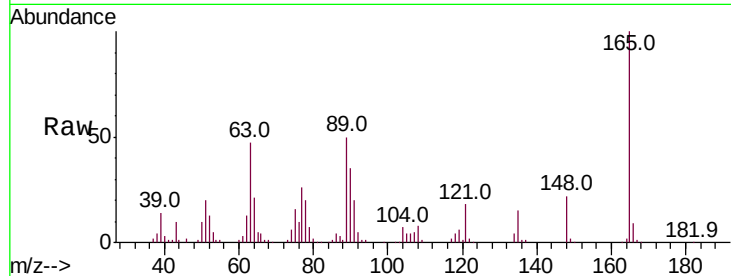
ClientSampled :

PB119084BS

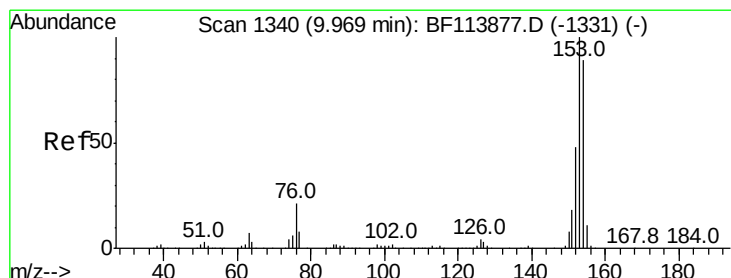
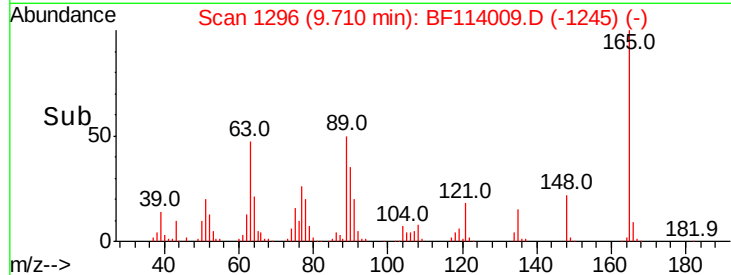
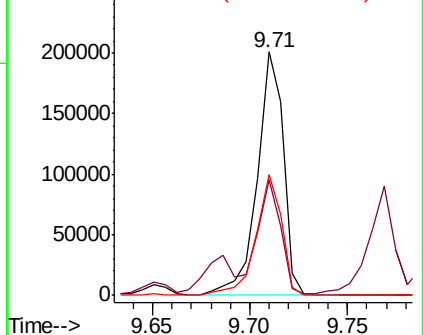
Tot Ion:	165	Resp:	187097
Ion Ratio	Lower	Upper	
165	100		
63	47.4	33.8	50.8
89	49.5	38.2	57.2

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.587 ng

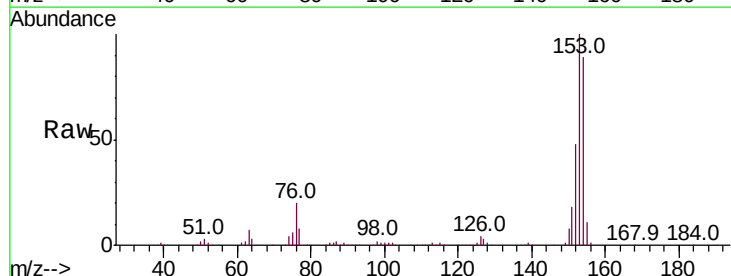
RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

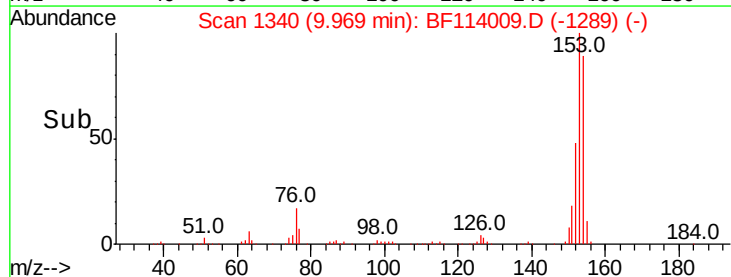
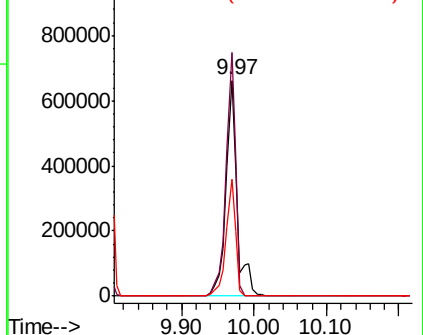
Lab File: BF114009.D

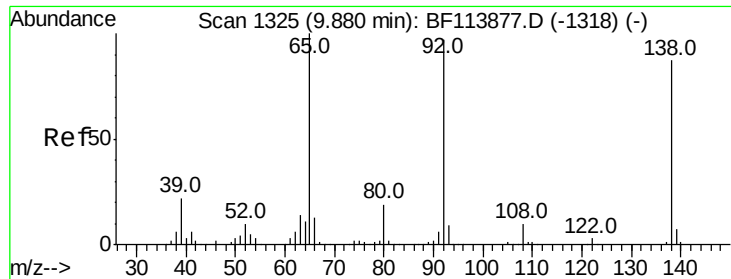
Acq: 26 Apr 2019 14:51

Tgt Ion:	154	Resp:	710684
Ion Ratio	Lower	Upper	
154	100		
153	113.0	87.2	130.8
152	54.1	42.3	63.5



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





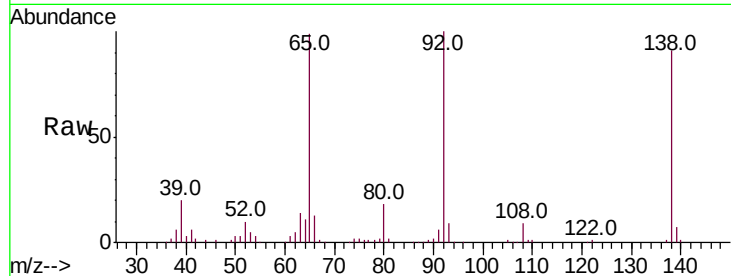
#53
3-Nitroaniline
Concen: 25.862 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

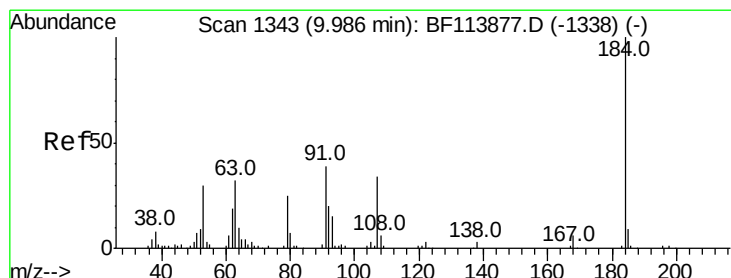
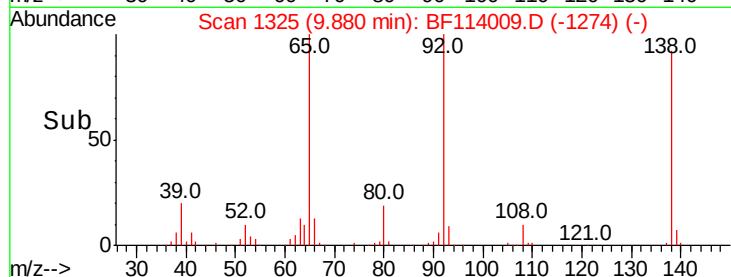
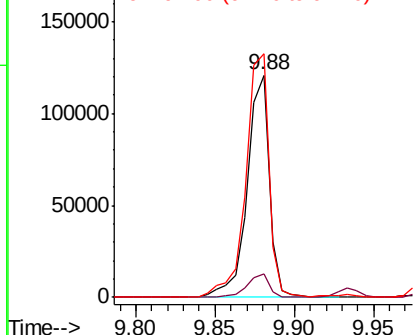
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.2
92	109.5	94.1	141.1

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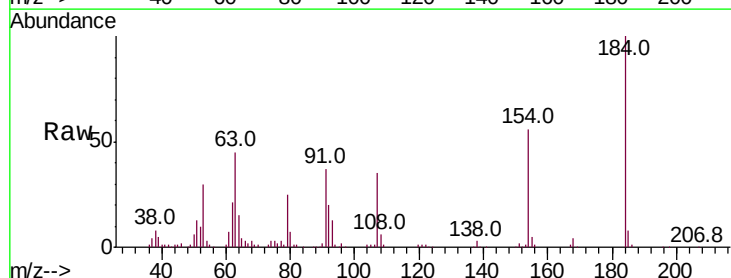


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

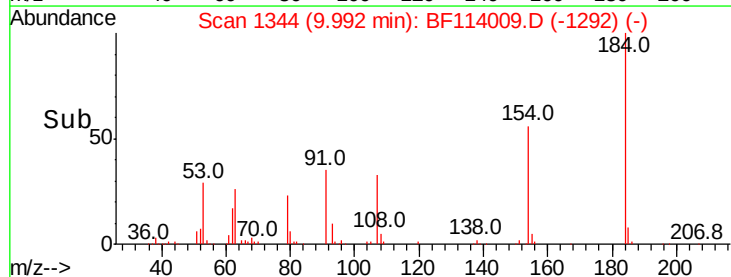
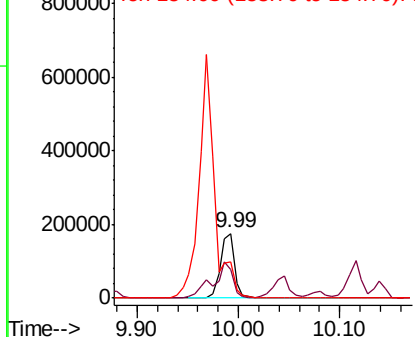


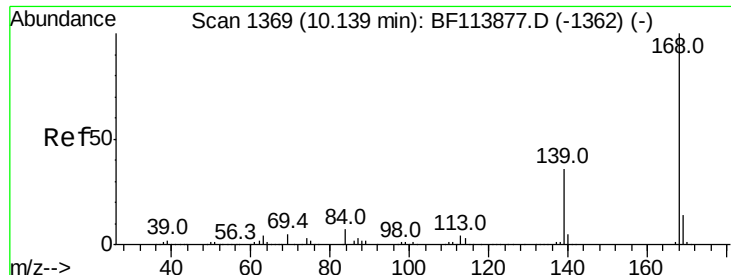
#54
2,4-Dinitrophenol
Concen: 91.949 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.8	54.6	81.8#
154	56.3	218.6	328.0#



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





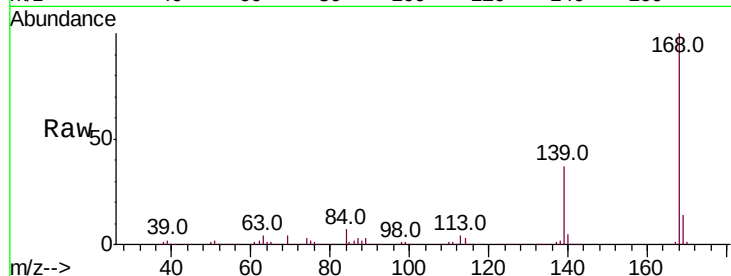
#55
Dibenzofuran
Concen: 40.854 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampled :
PB119084BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	27.8	41.6
169	13.7	11.0	16.6

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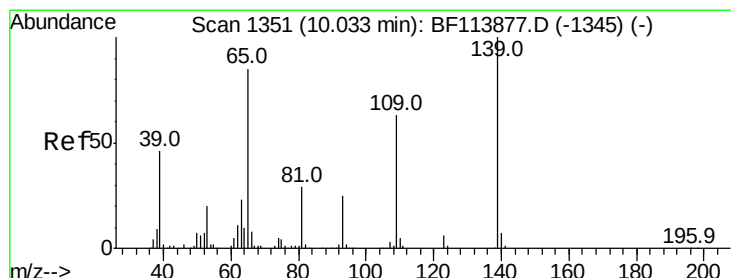
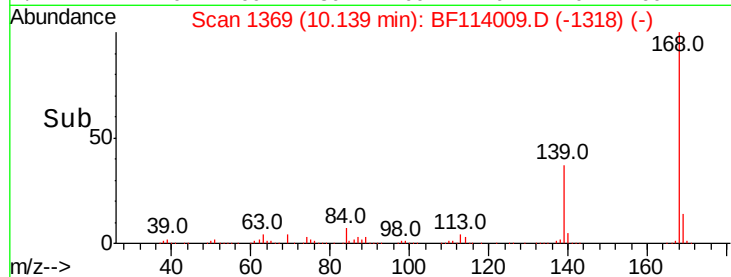
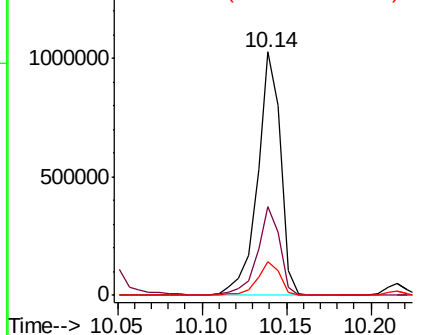


Abundance

Ion 168.00 (167.70 to 168.70): E

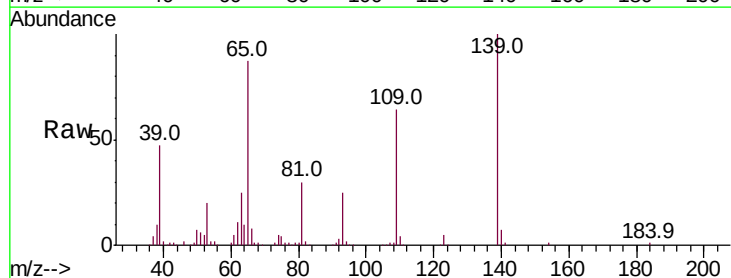
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 80.287 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	42.9	82.9
65	86.7	64.4	104.4

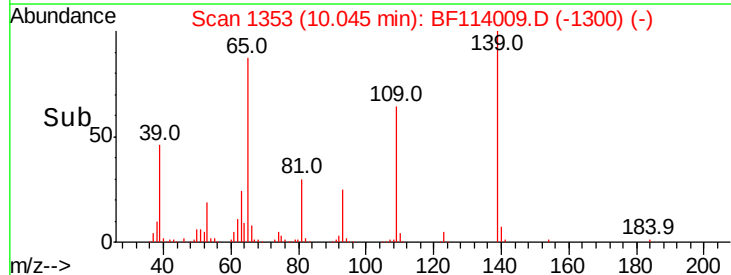
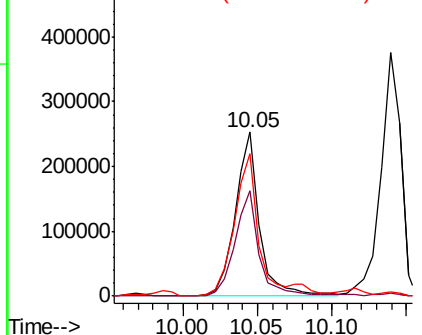


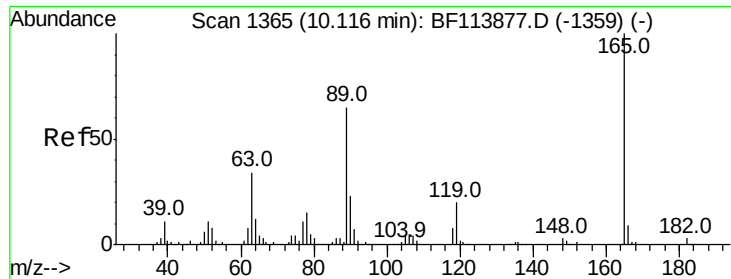
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





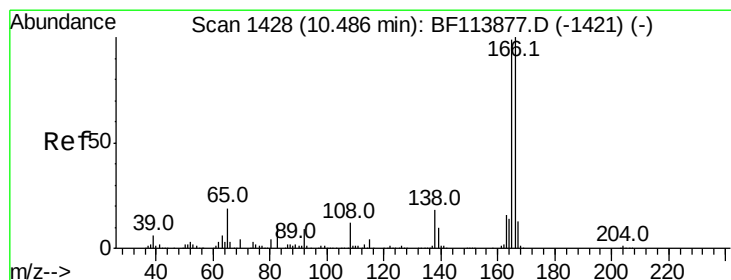
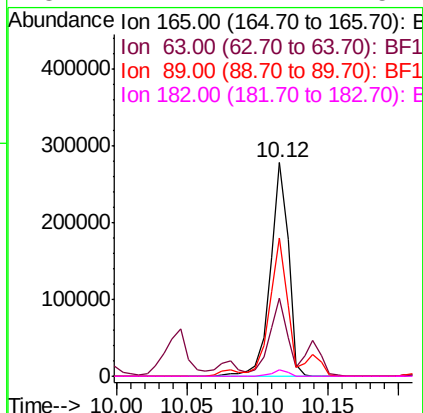
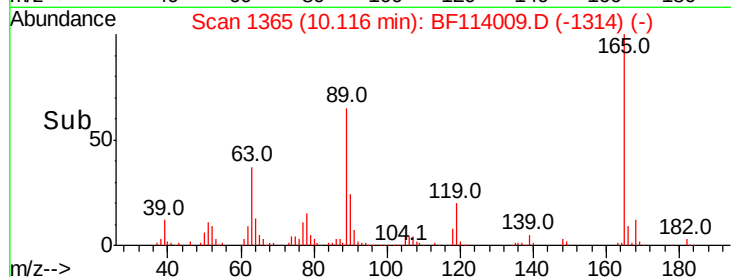
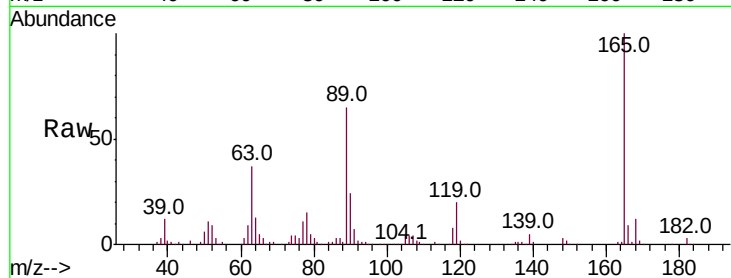
#57
2,4-Dinitrotoluene
Concen: 46.087 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	250304		
63	36.8		27.4	41.0
89	64.7		51.8	77.6
182	2.7		2.2	3.2

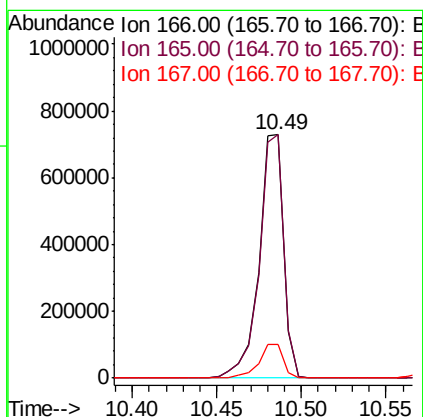
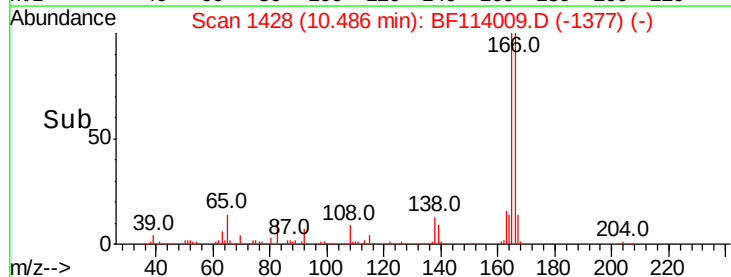
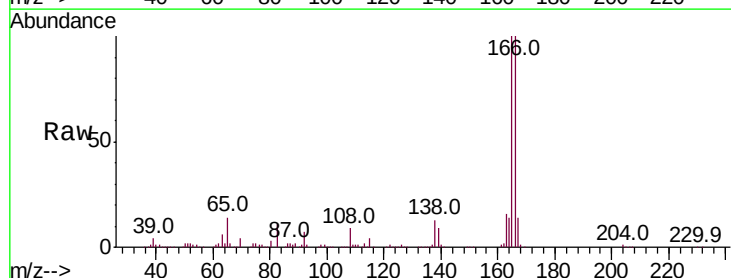
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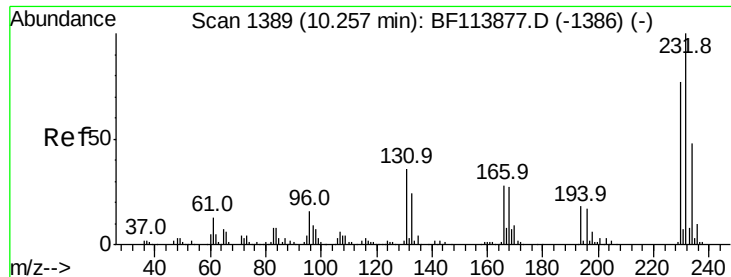
Sohil
4/27/2019 2:36:46 AM



#58
Fluorene
Concen: 40.995 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	736907		
165	100.0		78.4	117.6
167	13.6		10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.542 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampled :

PB119084BS

Tot Ion:232 Resp: 234230
Ion Ratio Lower Upper

232 100

131 38.6 30.2 45.2

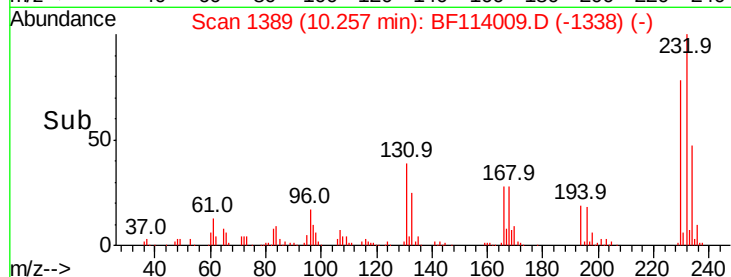
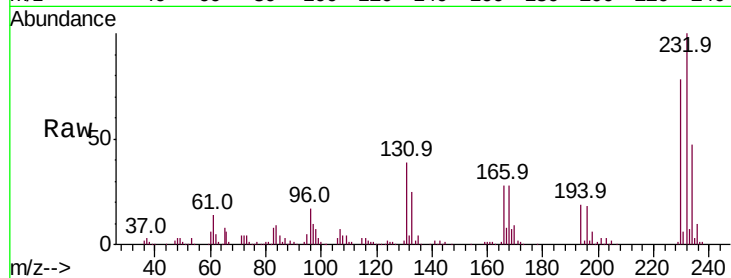
130 1.5 1.5 2.3

166 26.8 22.2 33.4

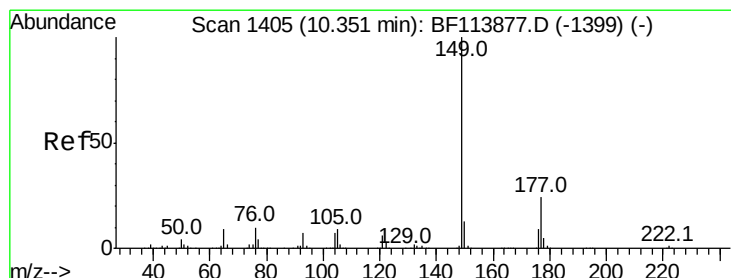
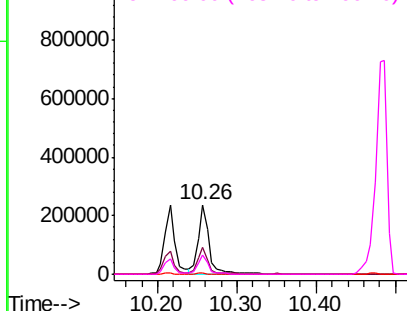
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.578 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF114009.D

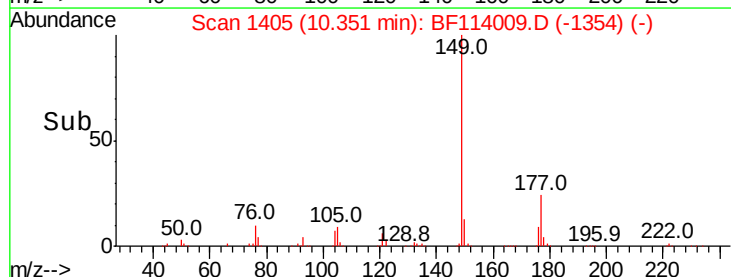
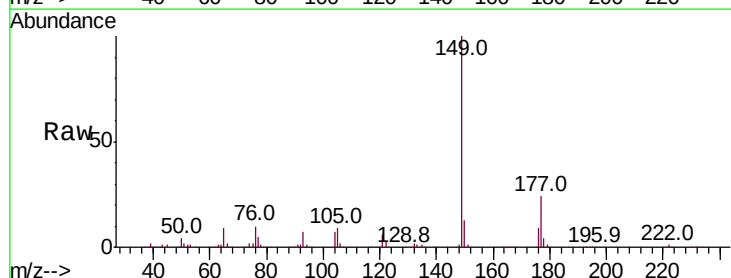
Acq: 26 Apr 2019 14:51

Tgt Ion:149 Resp: 772831
Ion Ratio Lower Upper

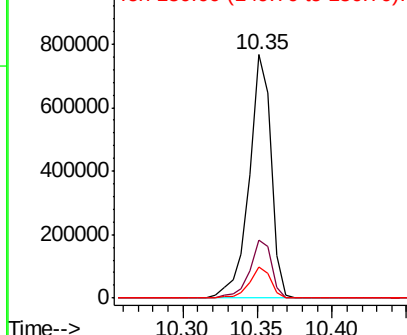
149 100

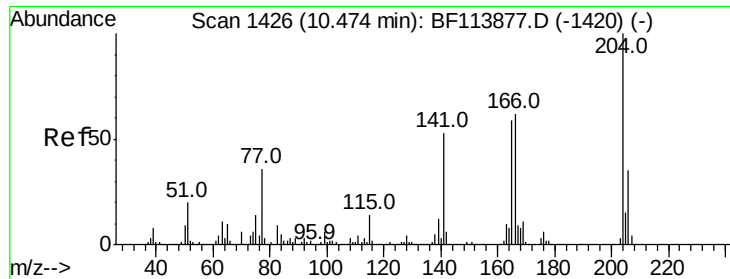
177 23.6 19.2 28.8

150 12.8 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





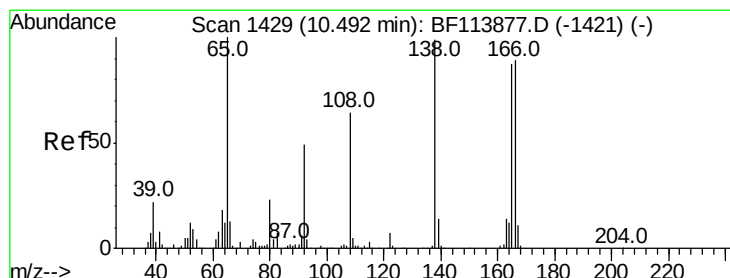
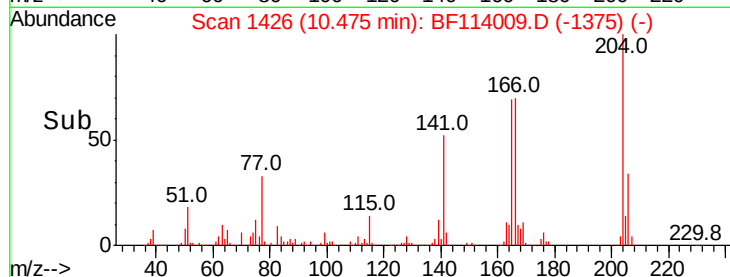
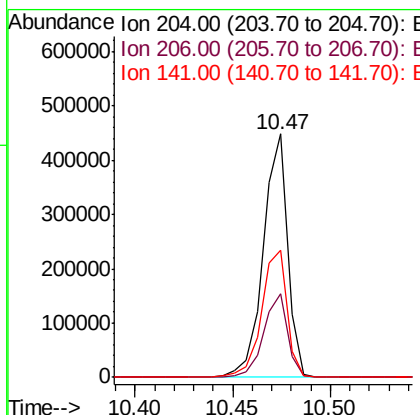
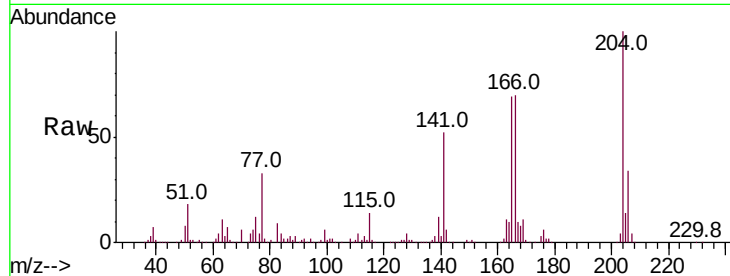
#61
4-Chlorophenyl-phenylether
Concen: 40.602 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.4	41.2
141	52.2	42.6	63.8

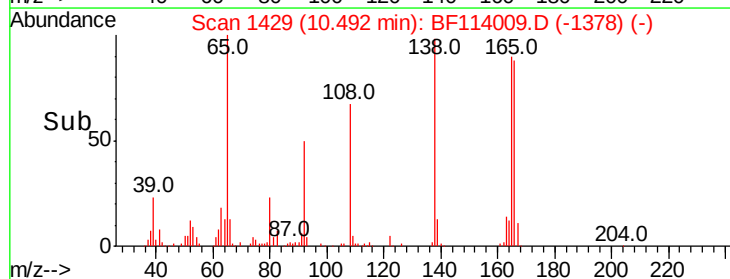
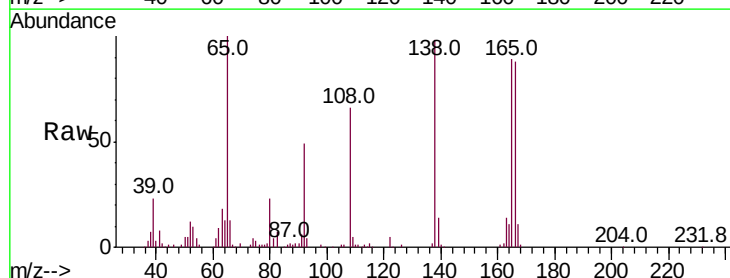
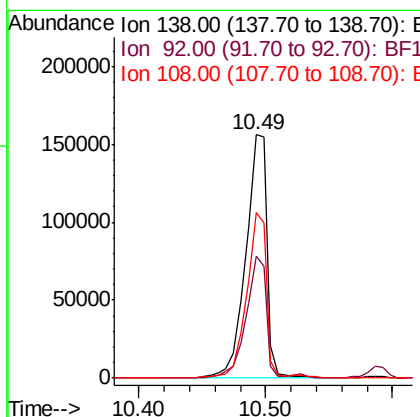
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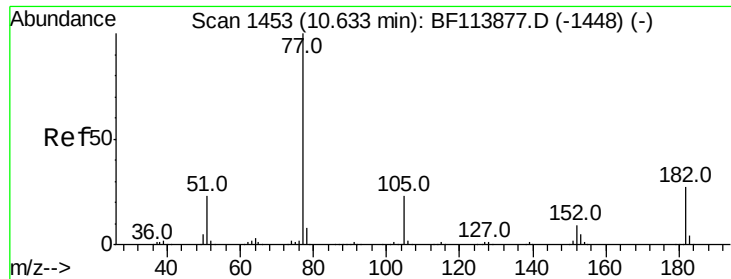
Sohil
4/27/2019 2:36:46 AM



#62
4-Nitroaniline
Concen: 41.189 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.3	71.3
108	67.9	48.9	88.9





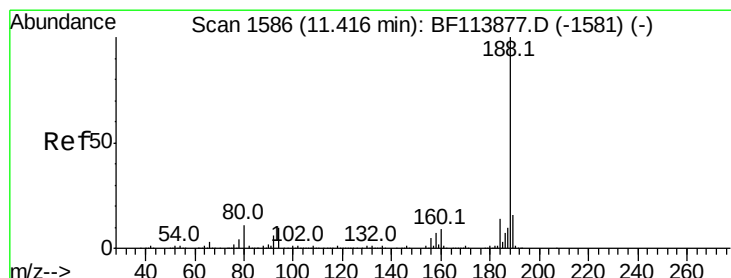
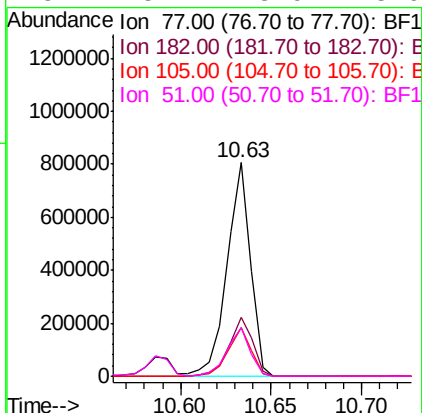
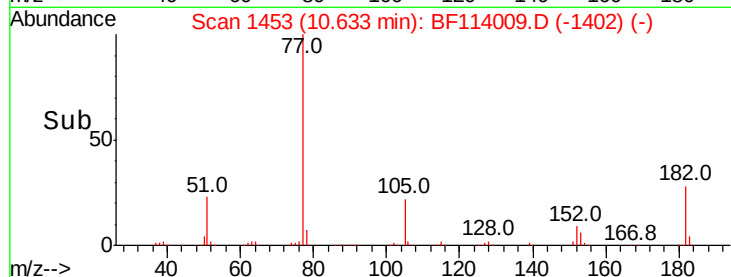
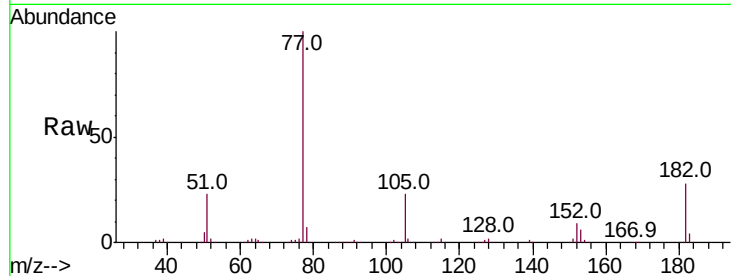
#63
Azobenzene
Concen: 39.420 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	4.4	44.4	
105	22.8	2.2	42.2	
51	23.1	3.9	43.9	

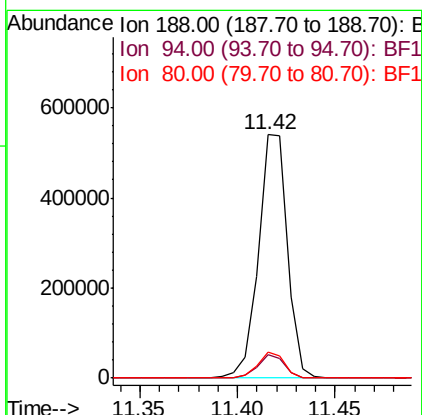
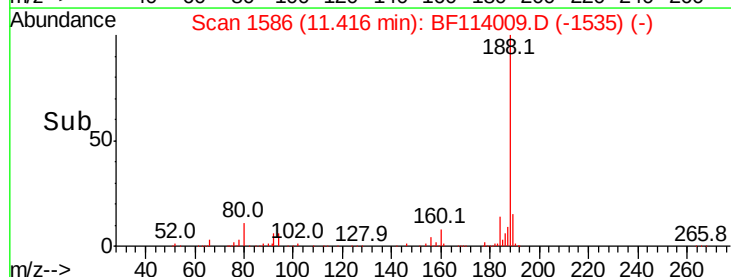
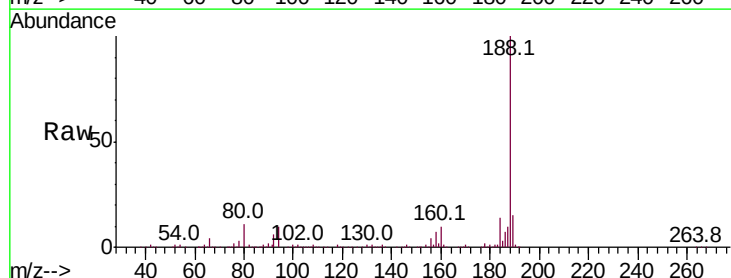
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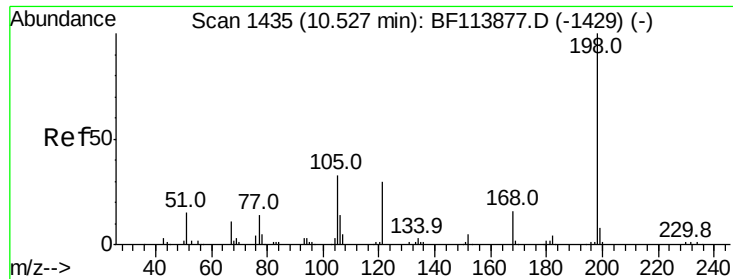
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.2	12.4	
80	10.9	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.737 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

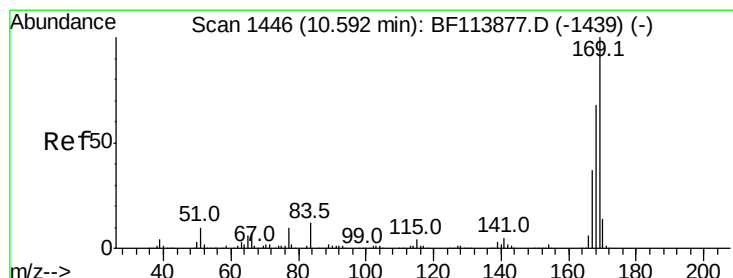
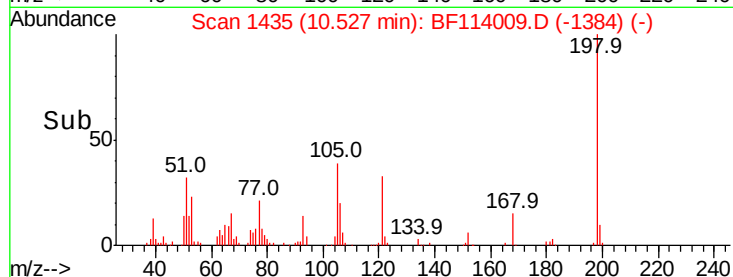
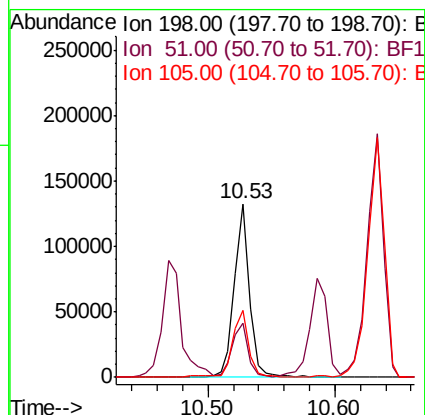
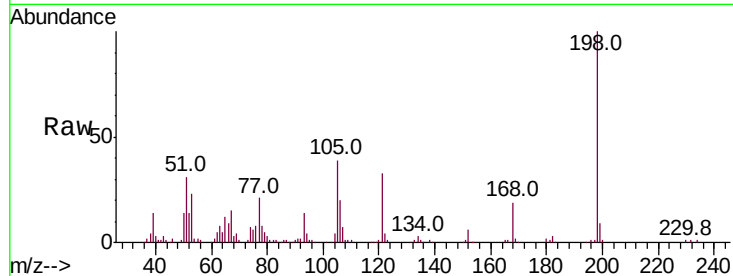
ClientSampled :

PB119084BS

Tot Ion:	198	Resp:	109595
Ion Ratio	Lower	Upper	
198	100		
51	31.3	11.1	51.1
105	38.7	20.7	60.7

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#66

n-Nitrosodiphenylamine

Concen: 40.289 ng

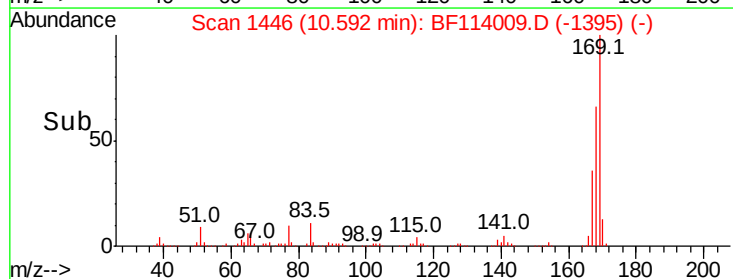
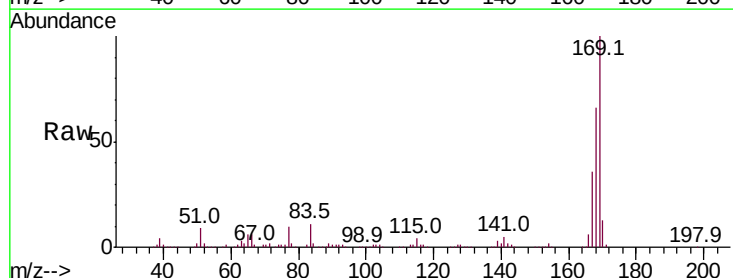
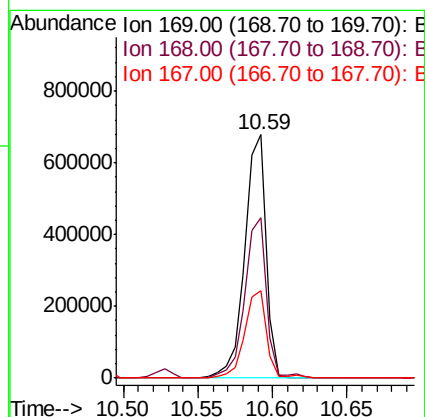
RT: 10.59 min Scan# 1446

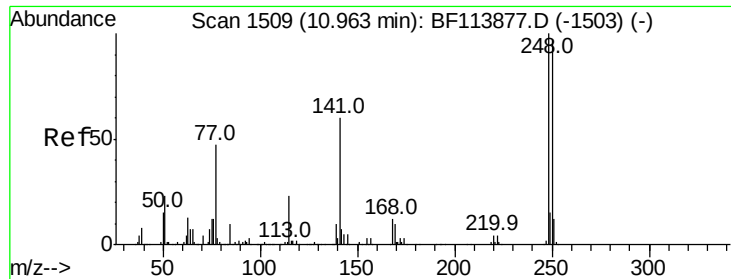
Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:	169	Resp:	672668
Ion Ratio	Lower	Upper	
169	100		
168	66.0	54.3	81.5
167	36.1	29.4	44.0





#67

4-Bromophenyl-phenylether

Concen: 37.925 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

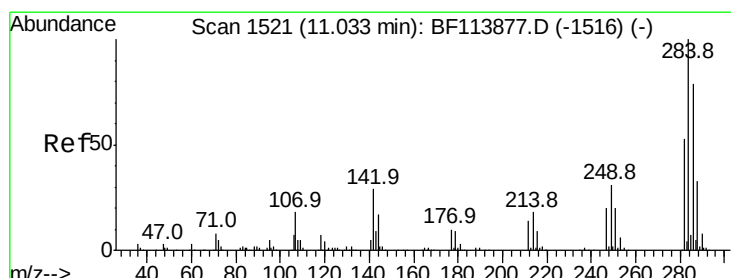
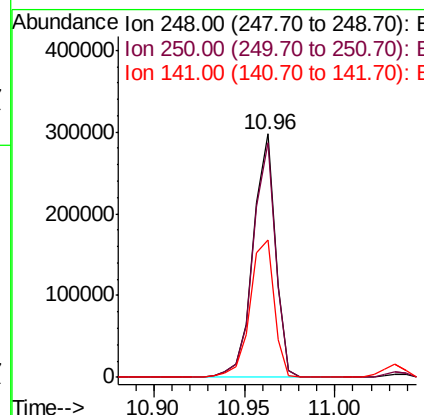
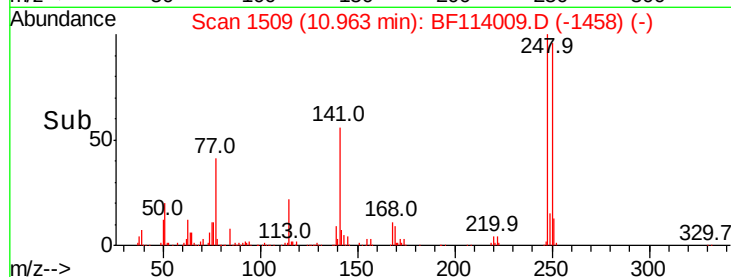
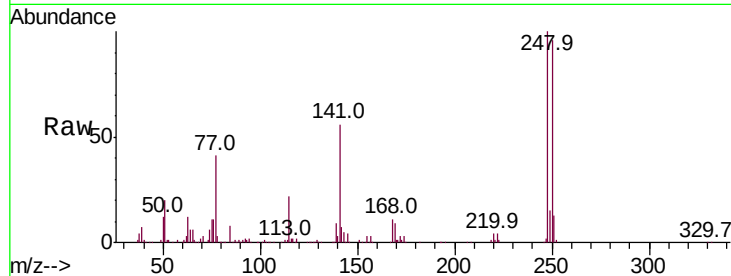
ClientSampleId :

PB119084BS

Tot Ion:	248	Resp:	254929
Ion Ratio	Lower	Upper	
248	100		
250	96.2	75.8	113.6
141	56.3	50.2	75.4

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#68

Hexachlorobenzene

Concen: 38.249 ng

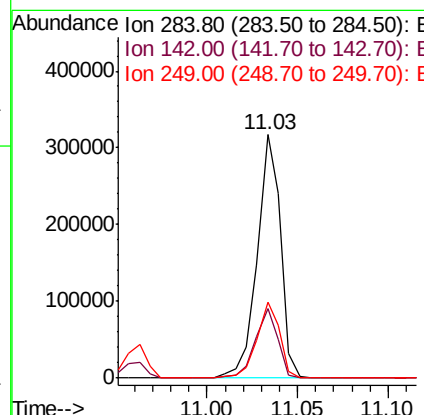
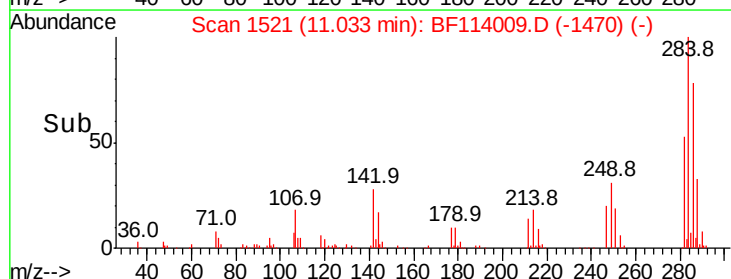
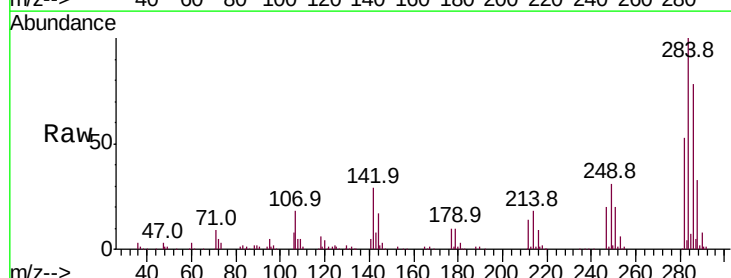
RT: 11.03 min Scan# 1521

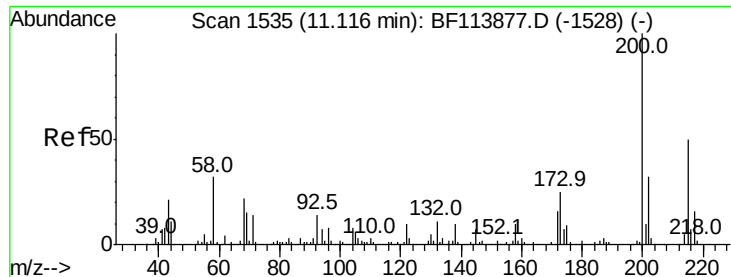
Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:	284	Resp:	282532
Ion Ratio	Lower	Upper	
284	100		
142	28.7	23.0	34.4
249	31.1	24.4	36.6





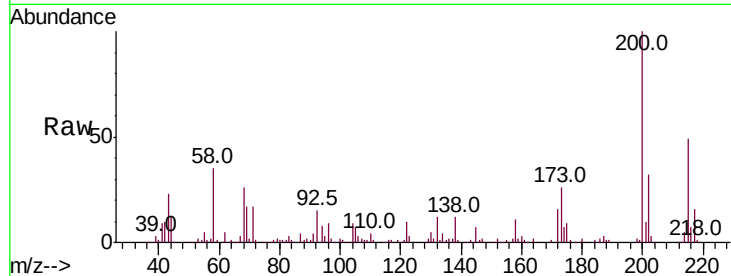
#69
Atrazine
Concen: 41.529 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

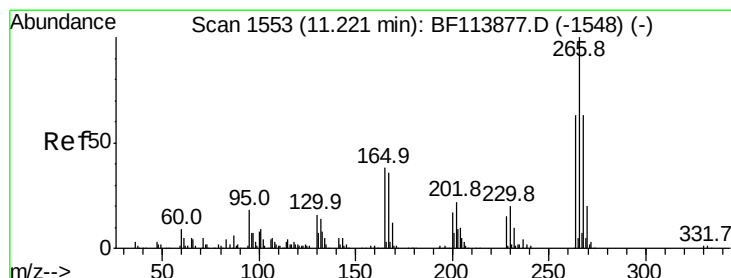
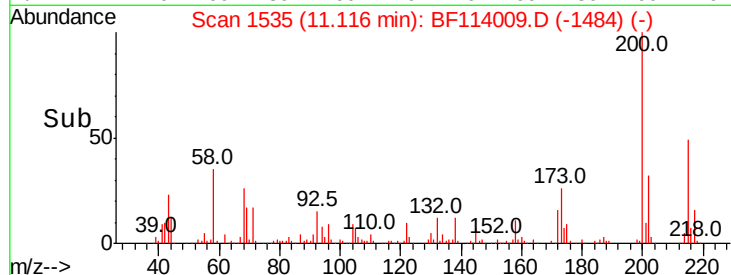
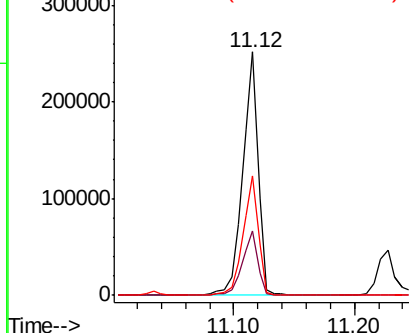
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	5.9	45.9
215	49.2	29.3	69.3

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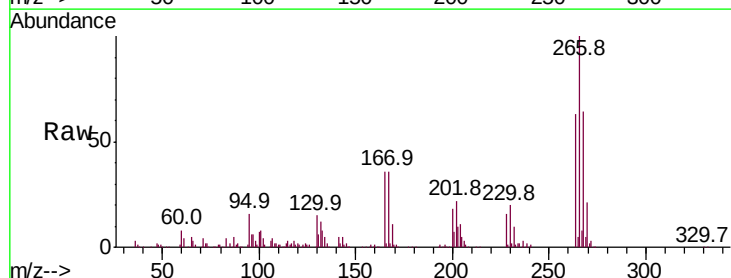


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

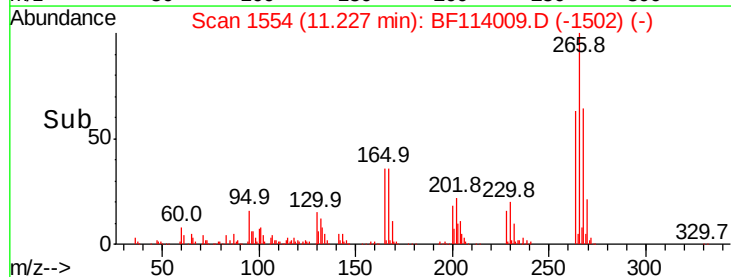
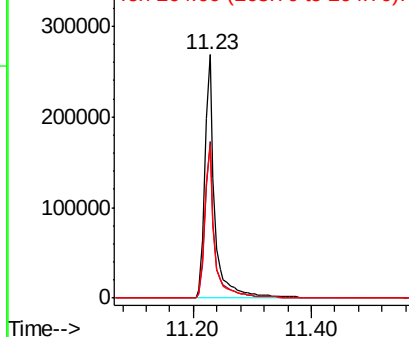


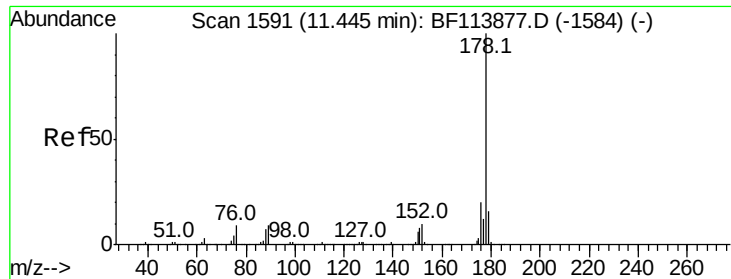
#70
Pentachlorophenol
Concen: 75.347 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	53.5	80.3
264	62.5	51.0	76.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.773 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampleId :

PB119084BS

Tot Ion:178 Resp: 1112218

Ion Ratio Lower Upper

178 100

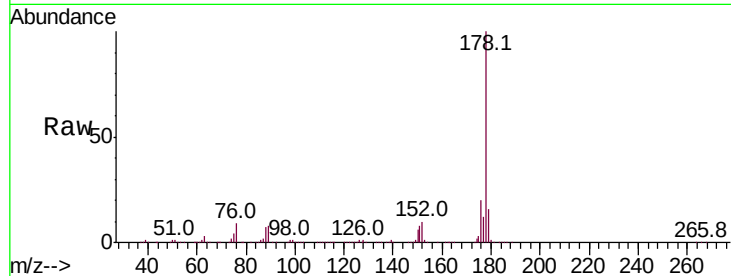
176 20.1 16.1 24.1

179 16.1 12.8 19.2

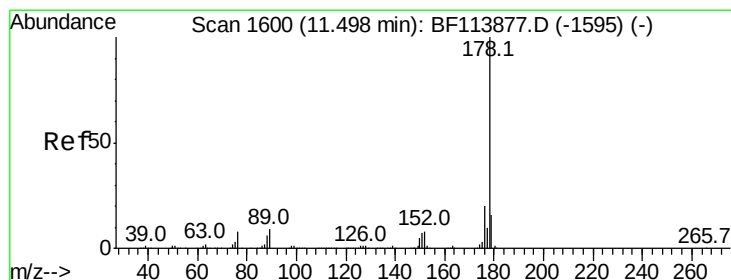
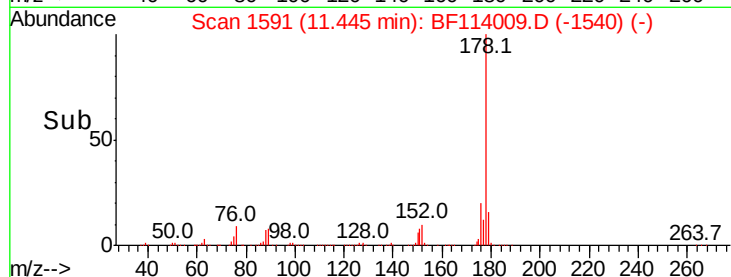
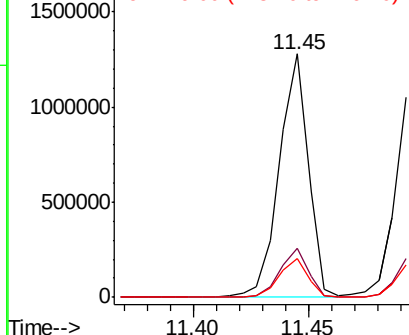
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.075 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

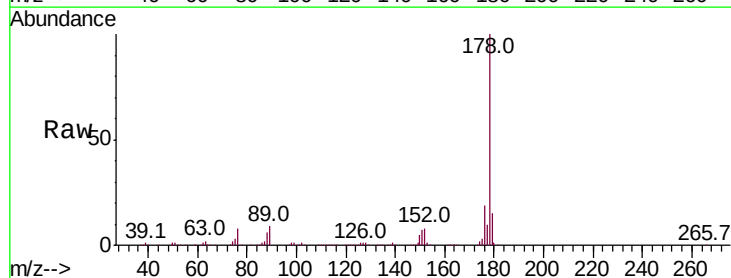
Tgt Ion:178 Resp: 1159906

Ion Ratio Lower Upper

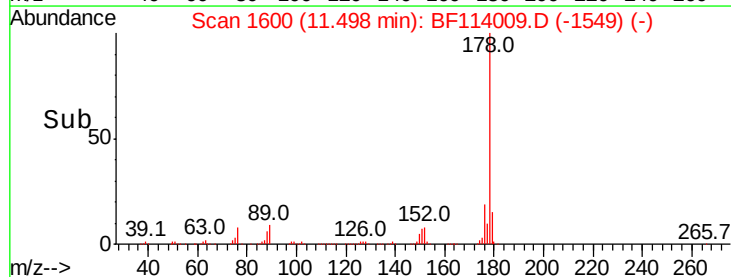
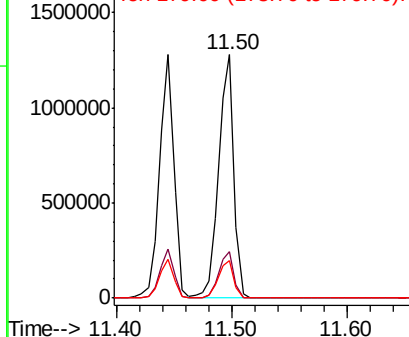
178 100

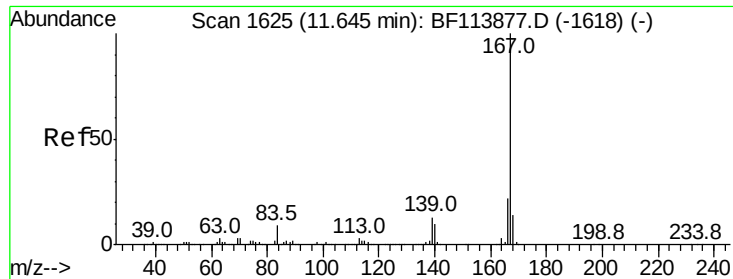
176 19.3 15.7 23.5

179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





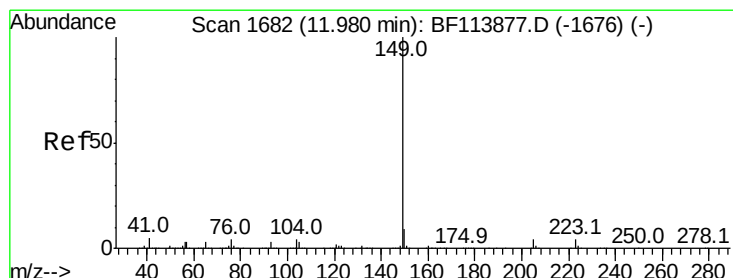
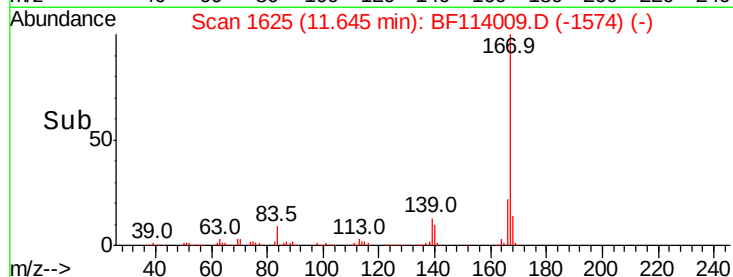
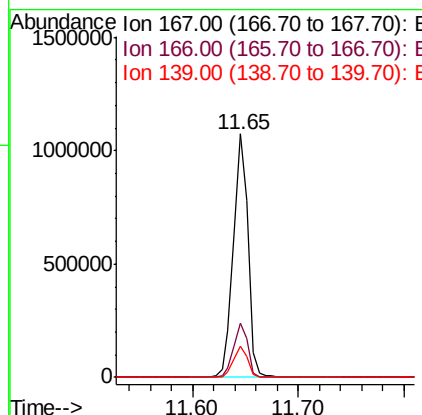
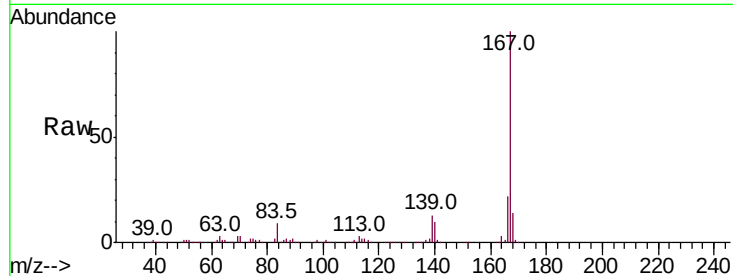
#73
 Carbazole
 Concen: 40.550 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampled :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	13.0	10.0	15.0

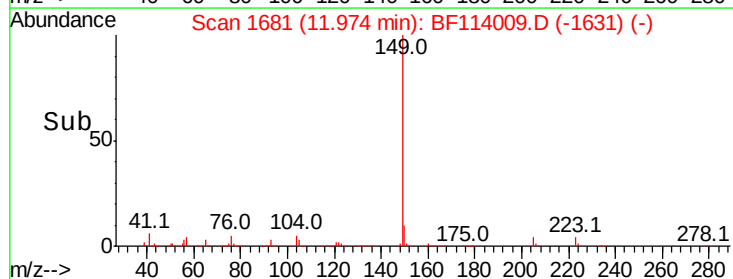
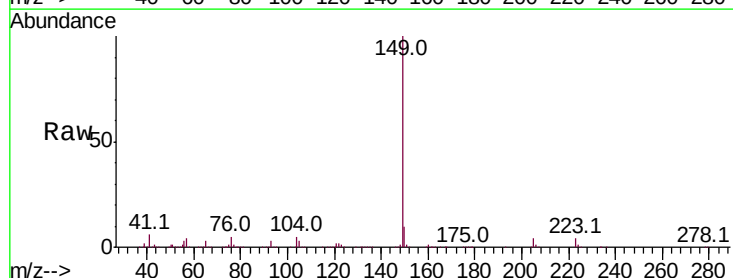
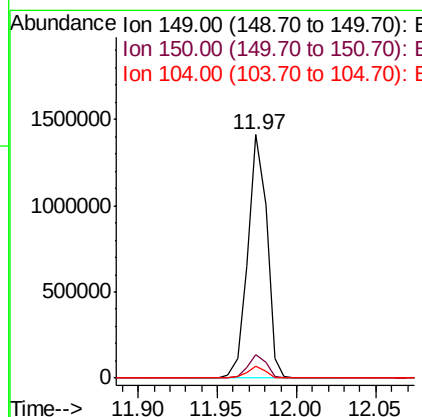
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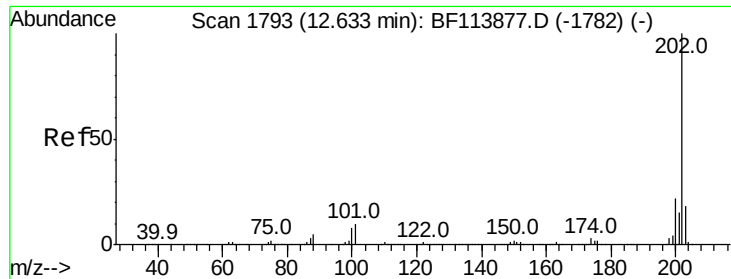
Sohil
 4/27/2019 2:36:46 AM



#74
 Di-n-butylphthalate
 Concen: 39.674 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.8	3.8	5.8





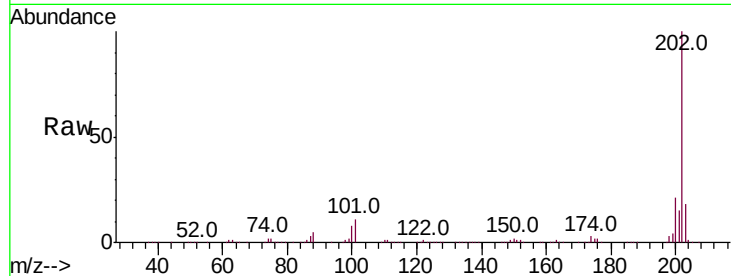
#75
 Fluoranthene
 Concen: 39.360 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

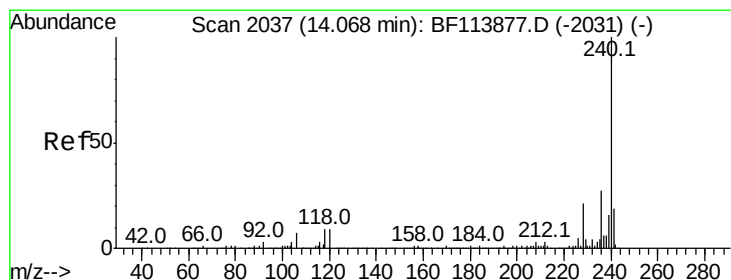
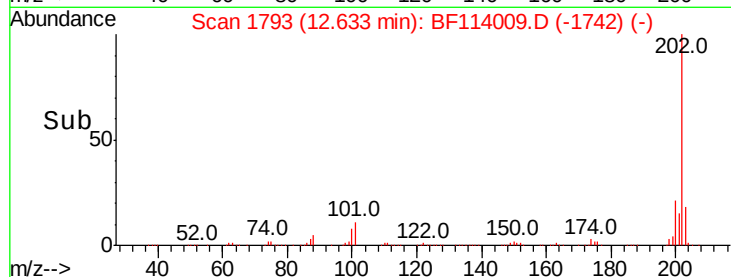
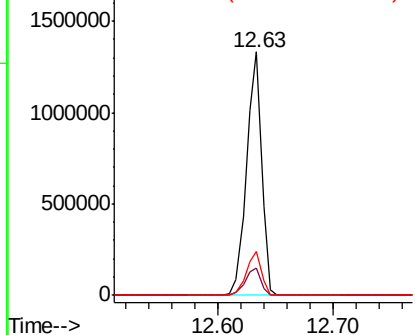
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.9
203	17.8	0.0	38.2

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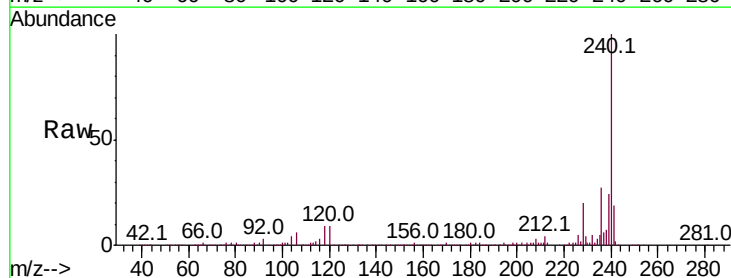


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

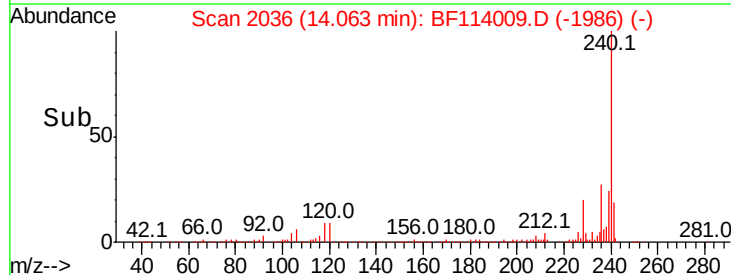
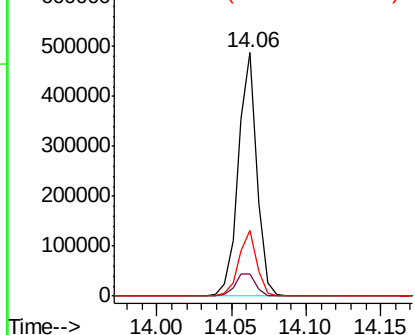


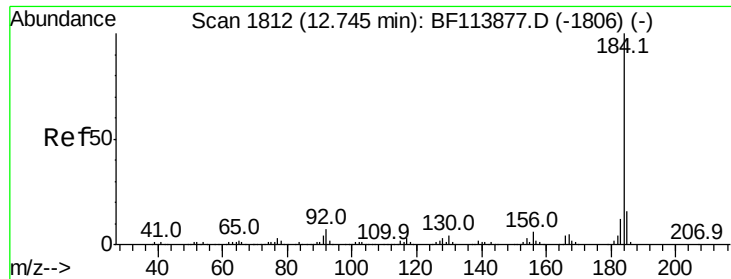
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.3	13.9#
236	26.8	21.2	31.8



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: 48.302 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

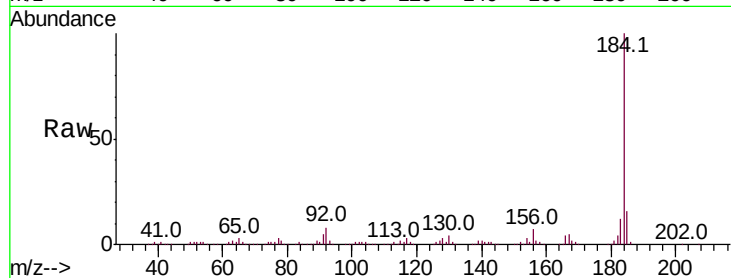
ClientSampleId :

PB119084BS

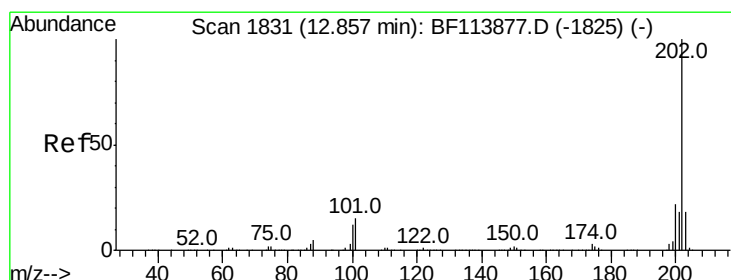
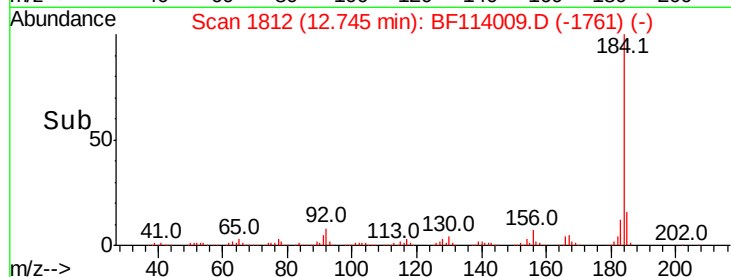
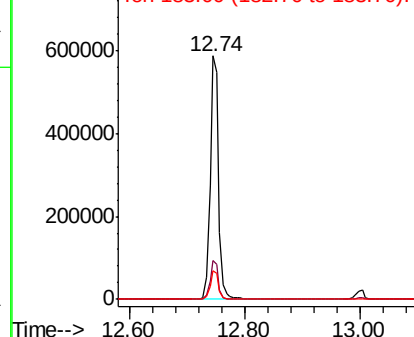
Tot Ion:	184	Resp:	609764
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.0	19.6
183	11.7	9.4	14.0

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Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.846 ng

RT: 12.86 min Scan# 1832

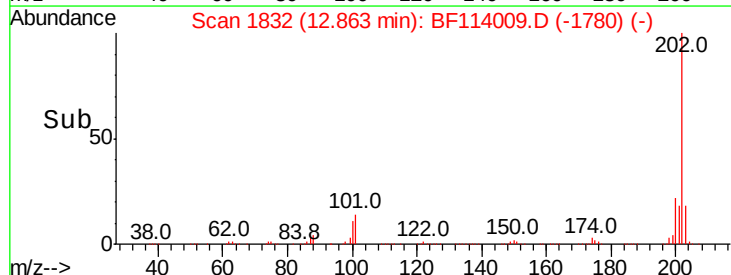
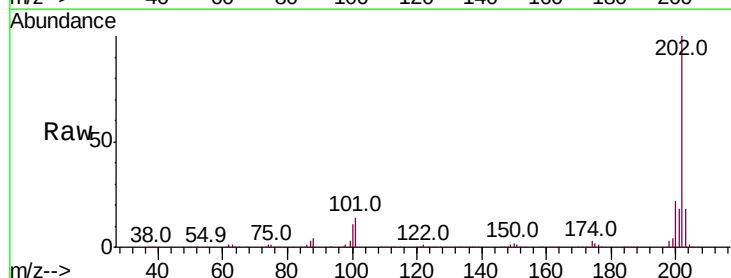
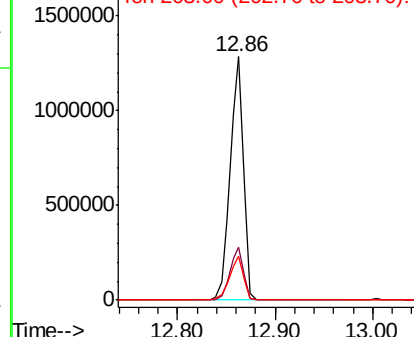
Delta R.T. 0.01 min

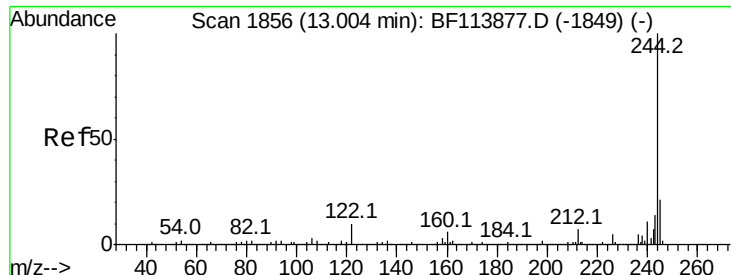
Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Tgt Ion:	202	Resp:	1210233
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	18.0	15.0	22.6

Abundance Ion 202.00 (201.70 to 202.70): E
1500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





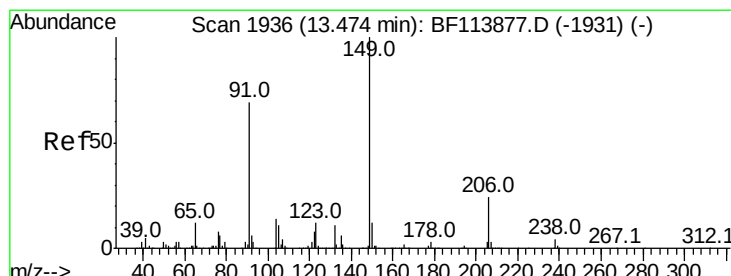
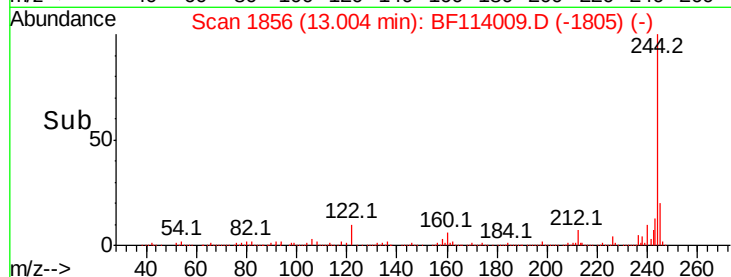
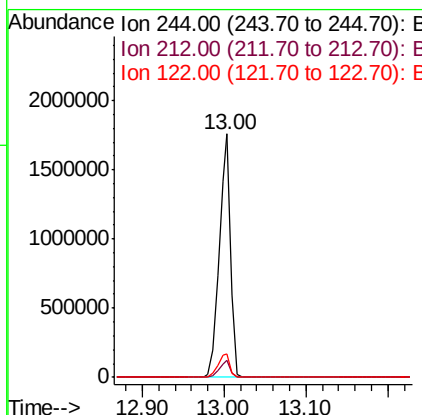
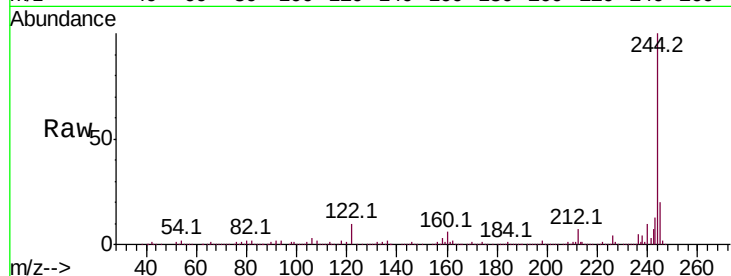
#79
 Terphenyl-d14
 Concen: 81.636 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.7	7.6	11.4

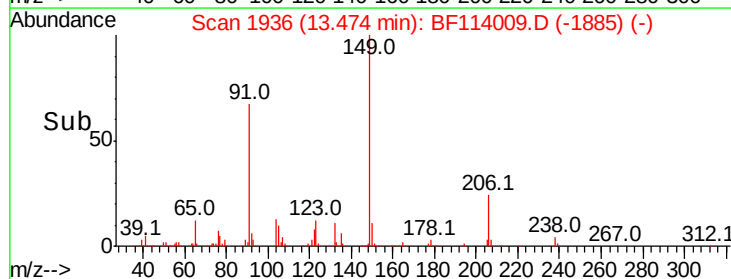
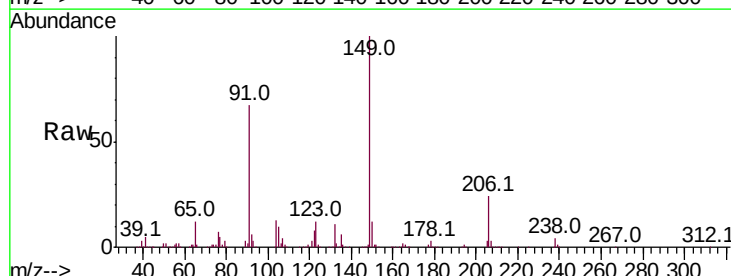
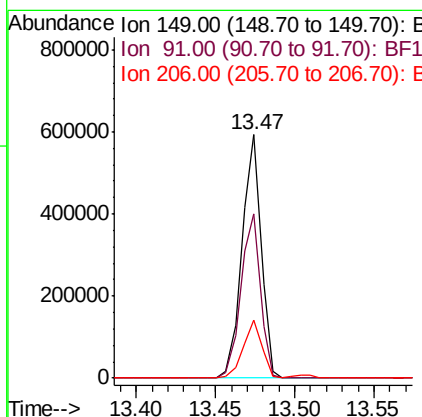
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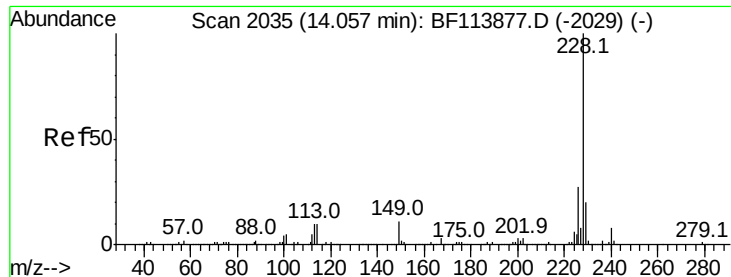
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#80
 Butylbenzylphthalate
 Concen: 42.611 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	56.3	84.5
206	23.6	19.0	28.6





#81

Benzo(a)anthracene

Concen: 42.283 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

Instrument :

BNA_F

ClientSampled :

PB119084BS

Tot Ion:228 Resp: 1055491

Ion Ratio Lower Upper

228 100

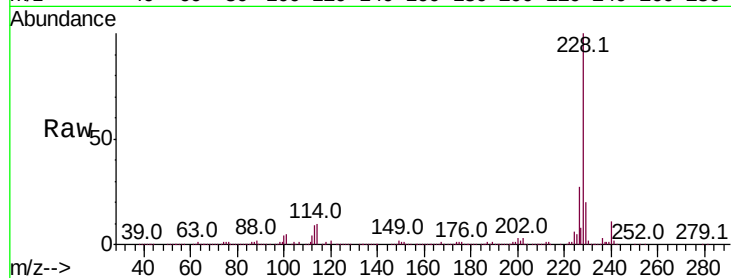
226 26.8 22.2 33.2

229 20.0 16.0 24.0

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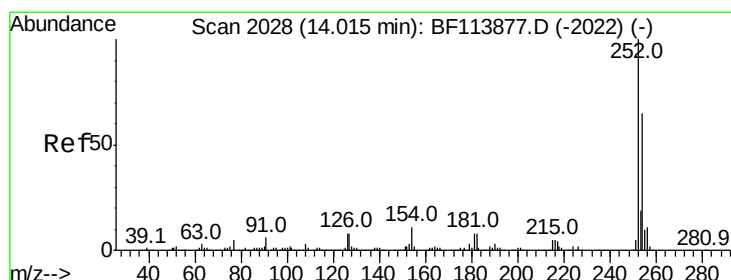
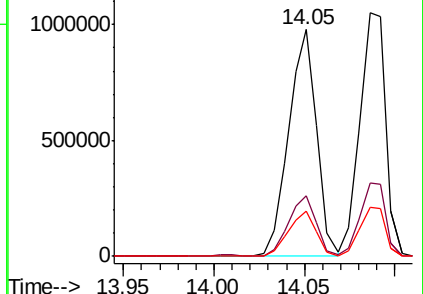
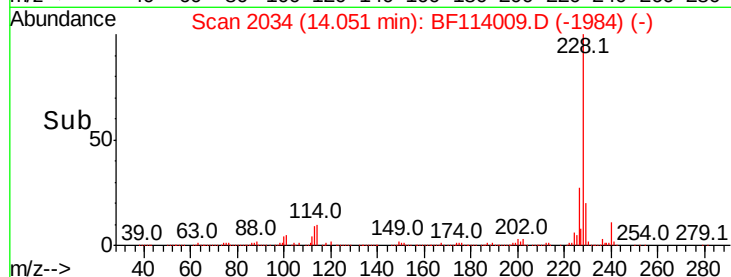
4/27/2019 2:36:46 AM



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: 32.795 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114009.D

Acq: 26 Apr 2019 14:51

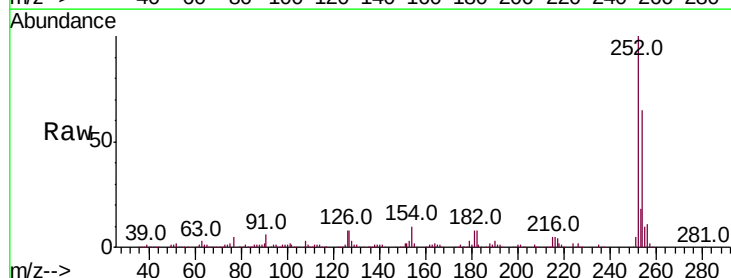
Tgt Ion:252 Resp: 300061

Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

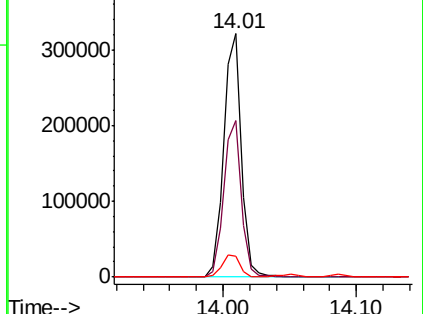
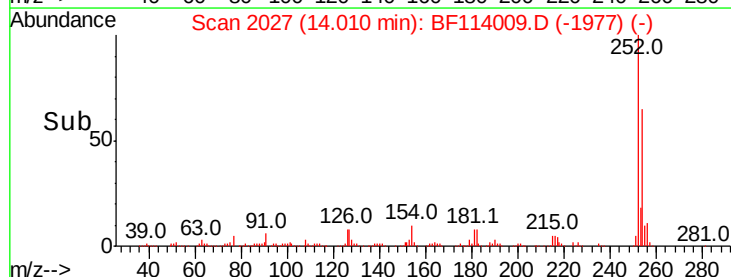
126 8.5 9.3 13.9#

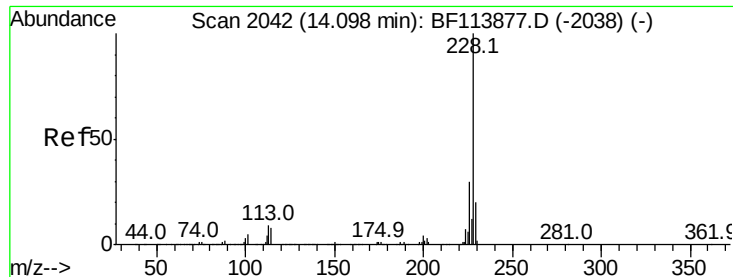


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





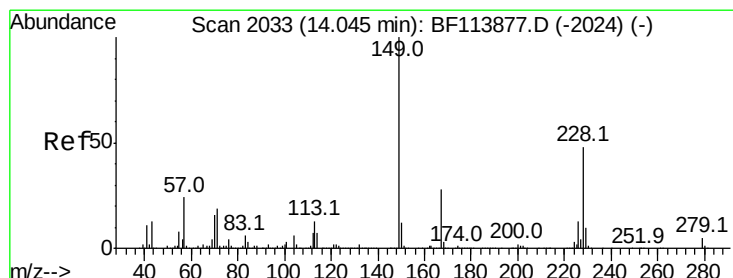
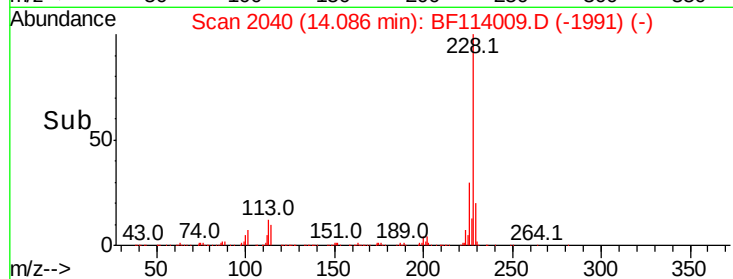
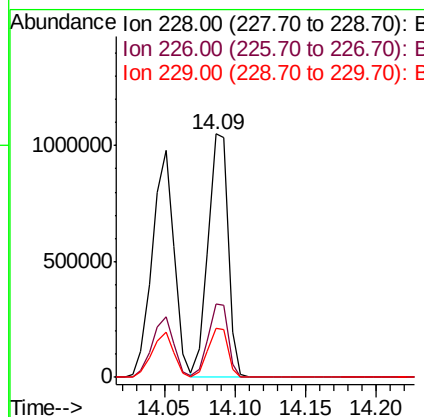
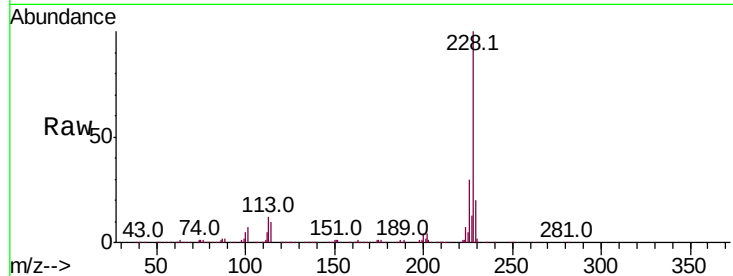
#83
Chrysene
Concen: 43.005 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampled :
PB119084BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.2	37.8
229	20.0	16.7	25.1

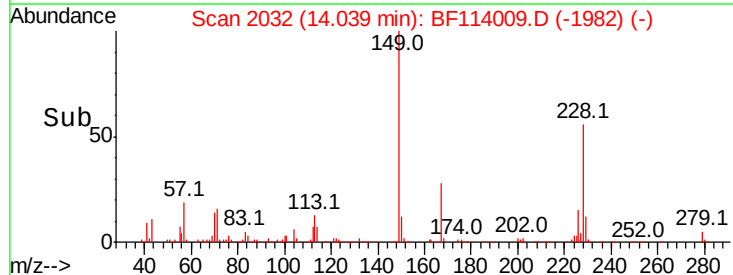
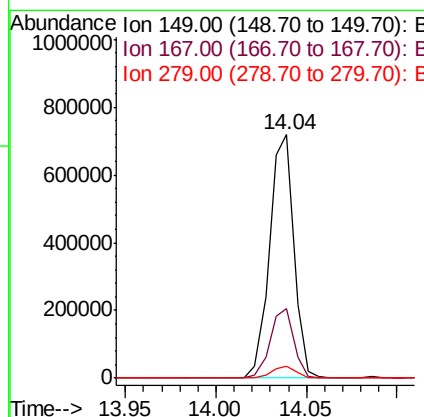
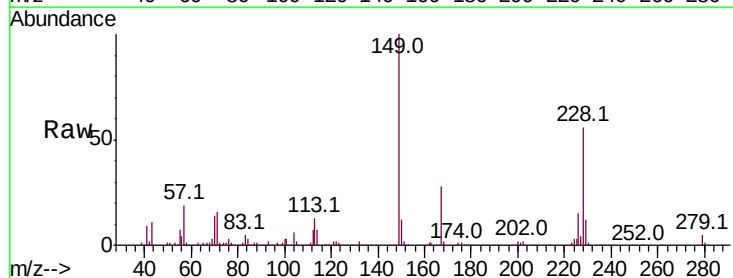
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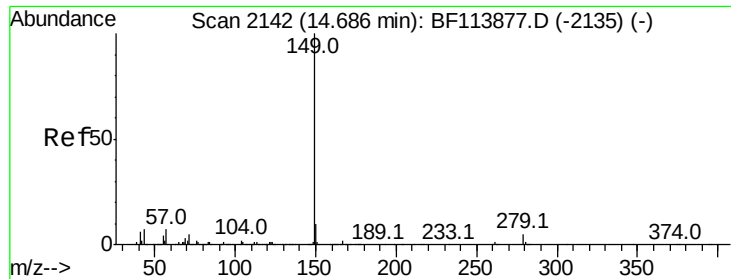
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.281 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	5.1	4.2	6.2





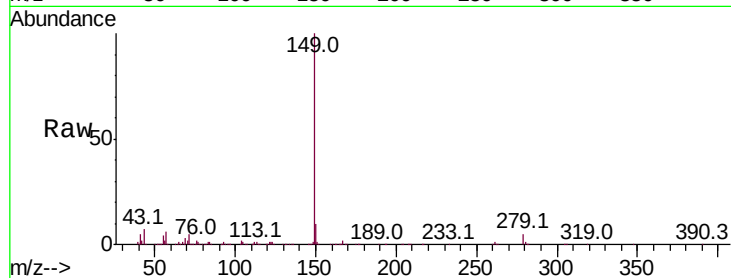
#85
Di-n-octyl phthalate
Concen: 47.567 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampleId :
PB119084BS

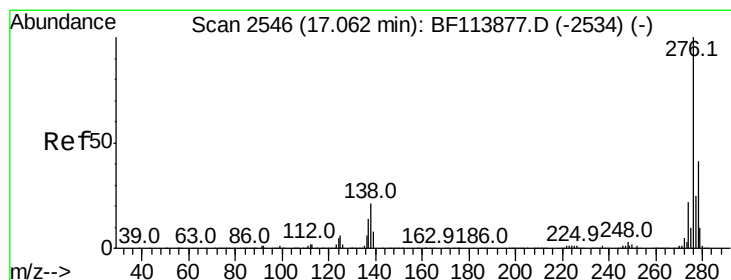
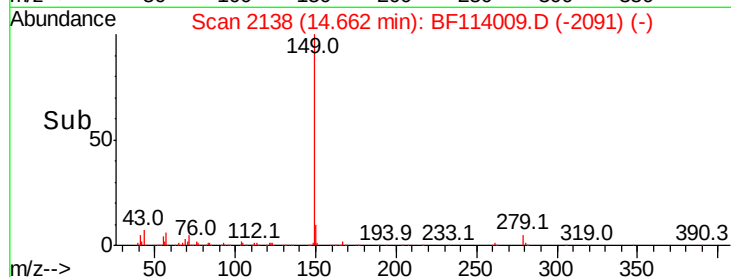
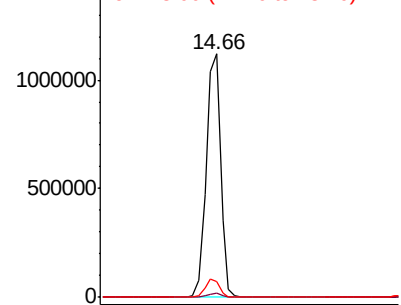
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	6.6	10.0

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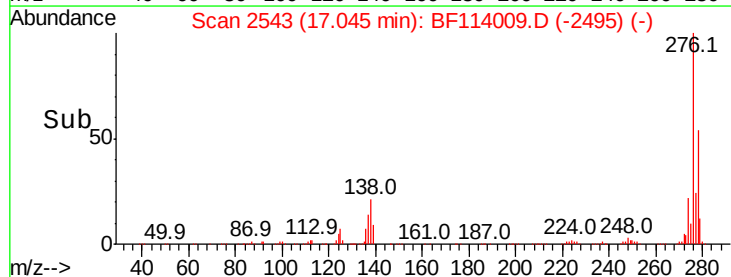
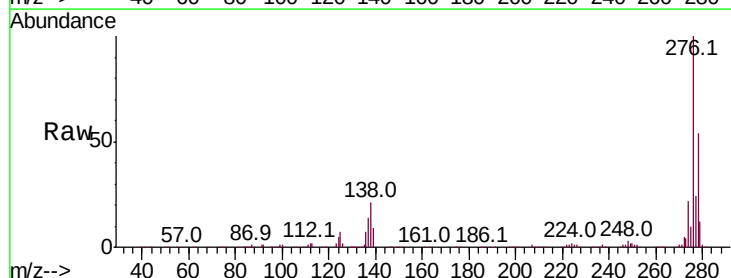
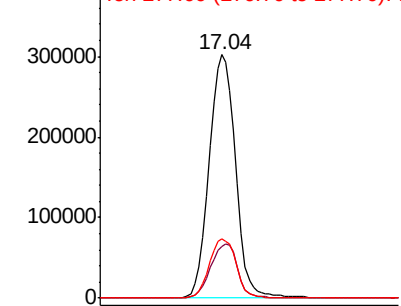
Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

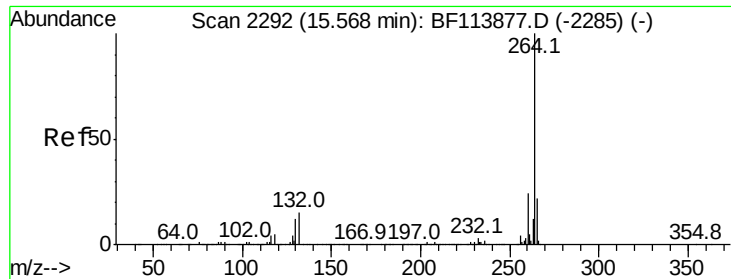


#86
Indeno(1,2,3-cd)pyrene
Concen: 36.621 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.6	29.4
277	25.0	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
400000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





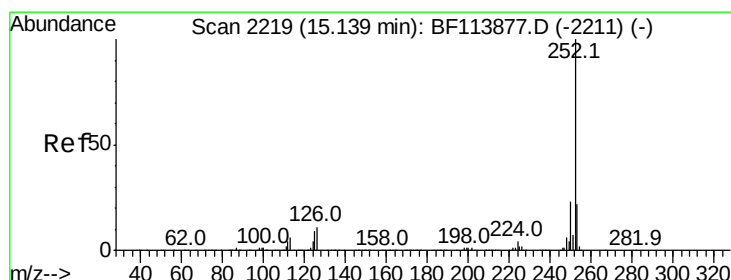
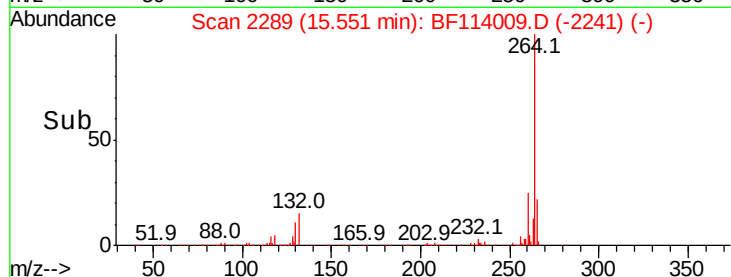
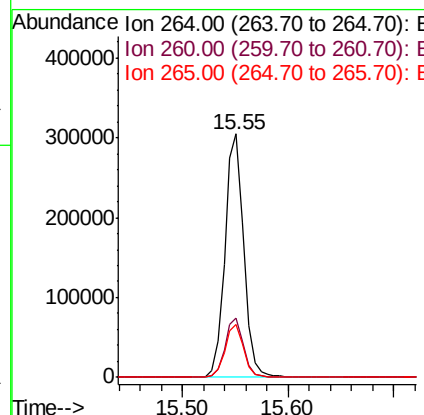
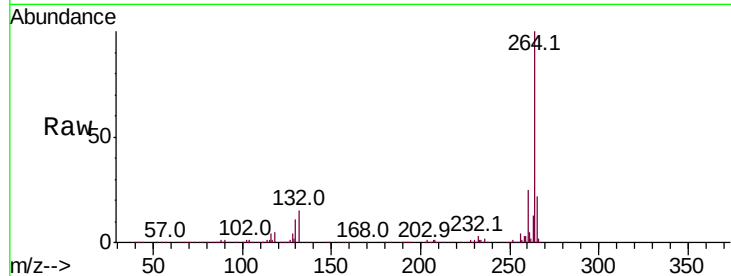
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	21.5	17.3	25.9

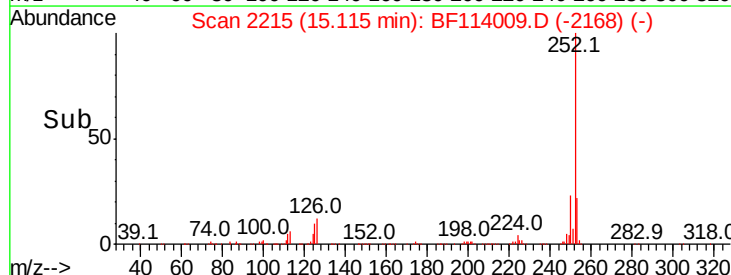
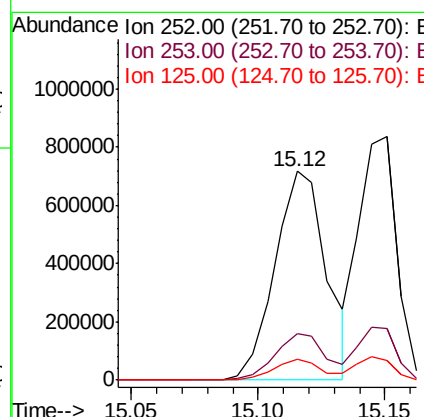
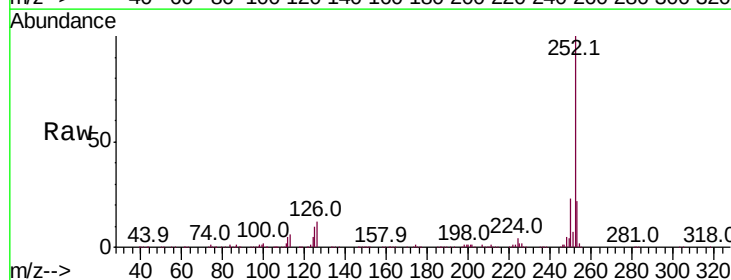
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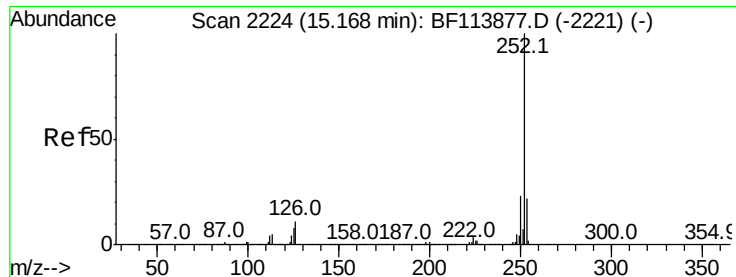
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 42.462 ng
 RT: 15.12 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF114009.D
 Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.9	7.0	10.6





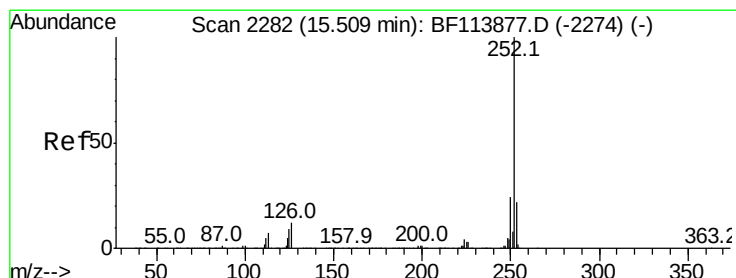
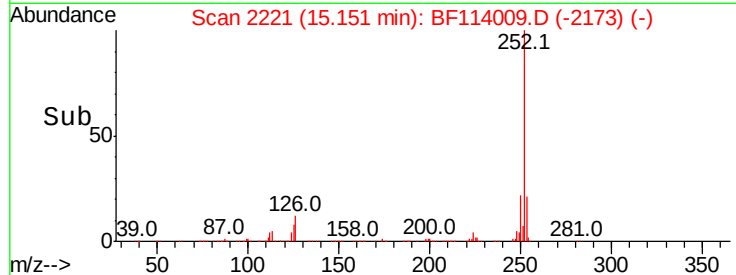
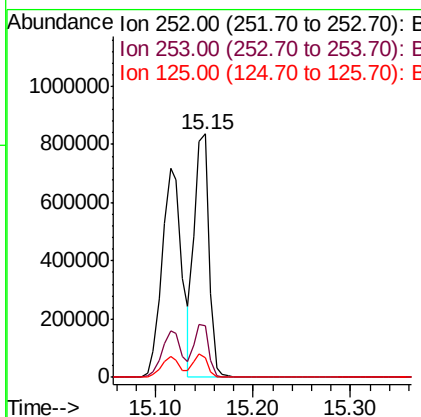
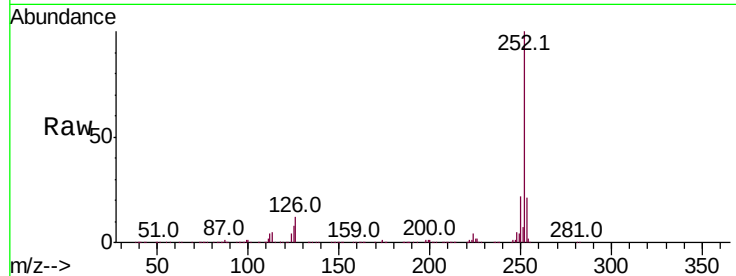
#89
Benzo(k)fluoranthene
Concen: 42.506 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampled :
PB119084BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	8.3	7.4	11.2

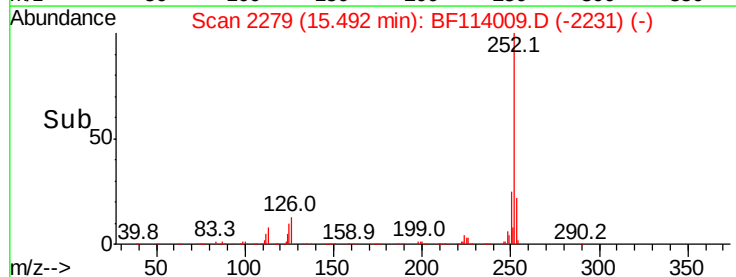
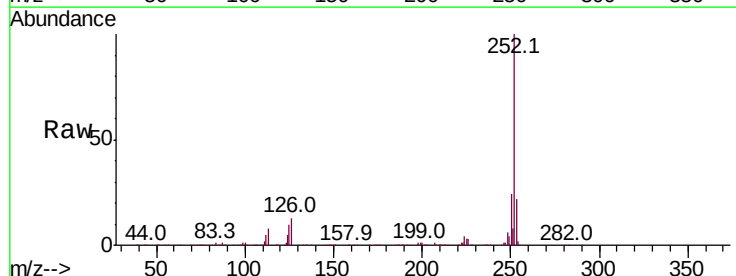
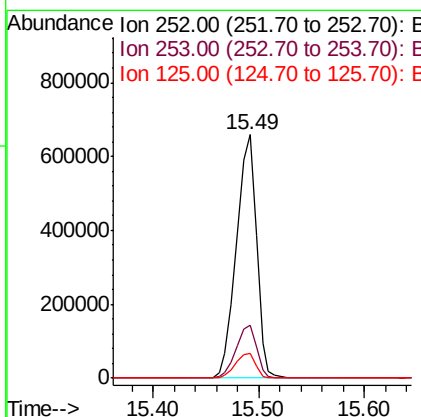
Manual Integrations
APPROVED

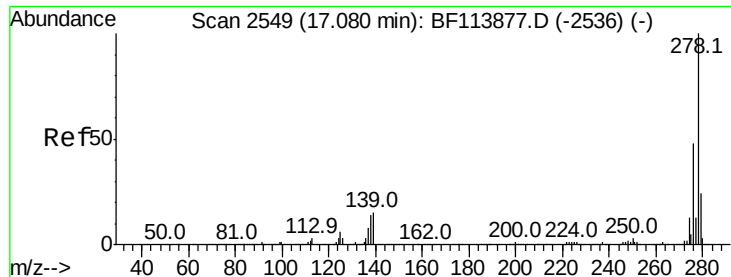
Sohil
4/27/2019 2:36:46 AM



#90
Benzo(a)pyrene
Concen: 41.951 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.0	8.5	12.7





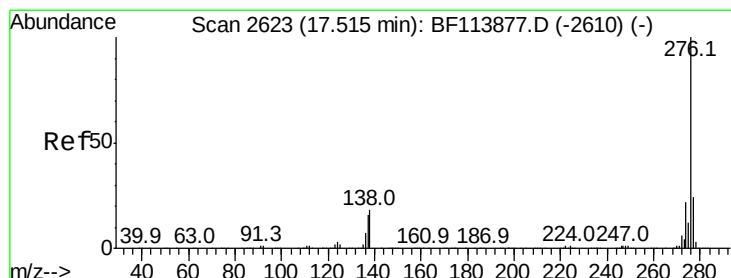
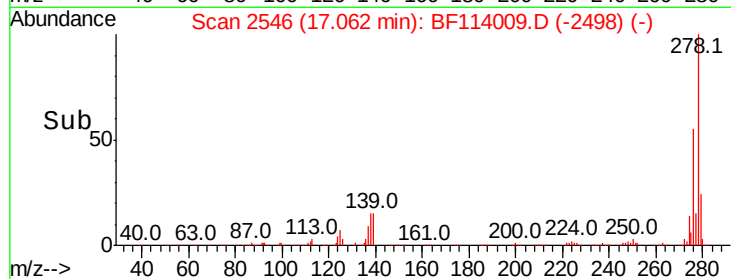
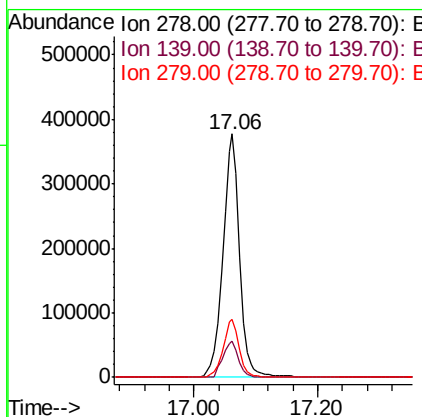
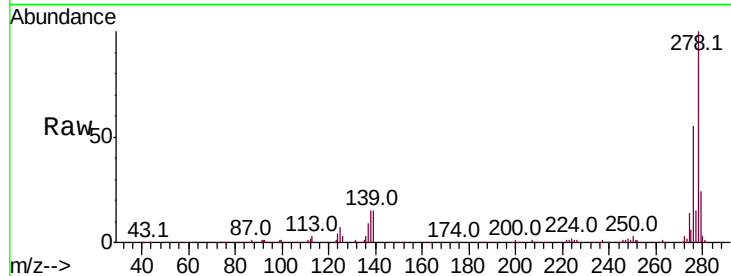
#91
Dibenzo(a,h)anthracene
Concen: 36.541 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Instrument :
BNA_F
ClientSampled :
PB119084BS

Tot Ion:278	Resp:	709396
Ion Ratio	Lower	Upper
278	100	
139	14.7	11.6 17.4
279	23.7	19.0 28.6

Manual Integrations
APPROVED

Sohil
4/27/2019 2:36:46 AM



#92
Benzo(g,h,i)perylene
Concen: 34.978 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF114009.D
Acq: 26 Apr 2019 14:51

Tgt Ion:276	Resp:	685280
Ion Ratio	Lower	Upper
276	100	
277	23.4	19.0 28.4
138	18.7	16.6 25.0

