

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116105.D
 Acq On : 9 Aug 2019 11:30
 Operator : HP/JU
 Sample : PB122075BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Manual Integrations
 APPROVED

Sohil
 8/13/2019 7:17:47 AM

Quant Time: Aug 10 02:39:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130314	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	534432	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	278092	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	474332	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	329930	20.00	ng	0.00
87) Perylene-d12	15.46	264	276339	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	872413	112.07	ng	0.00
7) Phenol-d6	6.48	99	1098336	111.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	715161	77.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	303951	112.73	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1237866	83.38	ng	-0.01
79) Terphenyl-d14	12.94	244	1330551	84.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	157916	40.156	ng	99
3) Pyridine	3.45	79	366717	33.383	ng	99
4) n-Nitrosodimethylamine	3.39	42	163411	37.694	ng	98
6) Aniline	6.50	93	427605	30.402	ng	92
8) 2-Chlorophenol	6.63	128	372609	43.287	ng	96
9) Benzaldehyde	6.39	77	150291	22.178	ng	98
10) Phenol	6.49	94	466573	40.342	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	356871	41.970	ng	99
12) 1,3-Dichlorobenzene	6.78	146	397132	39.920	ng	98
13) 1,4-Dichlorobenzene	6.86	146	406046	40.765	ng	98
14) 1,2-Dichlorobenzene	7.01	146	373119	40.682	ng	99
15) Benzyl Alcohol	6.99	79	306382	41.107	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	463869	39.995	ng	88
17) 2-Methylphenol	7.10	107	307184	42.145	ng	99
18) Hexachloroethane	7.35	117	147648	40.261	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	253463	41.647	ng	97
20) 3+4-Methylphenols	7.25	107	375688	43.557	ng	96
22) Acetophenone	7.25	105	500394	42.693	ng	99
24) Nitrobenzene	7.42	77	411617	41.174	ng	100
25) Isophorone	7.66	82	738297	41.703	ng	100
26) 2-Nitrophenol	7.74	139	204962	43.494	ng	95
27) 2,4-Dimethylphenol	7.77	122	329978	46.543	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	454576	41.427	ng	99
29) 2,4-Dichlorophenol	7.99	162	320410	42.802	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	347108	40.677	ng	99
31) Naphthalene	8.14	128	1076143	42.790	ng	99
32) Benzoic acid	7.93	122	179845	35.980	ng	95
33) 4-Chloroaniline	8.19	127	277495	24.695	ng	98
34) Hexachlorobutadiene	8.26	225	194221	39.515	ng	98
35) Caprolactam	8.56	113	94630m	39.085	ng	
36) 4-Chloro-3-methylphenol	8.68	107	330151	42.394	ng	99
37) 2-Methylnaphthalene	8.83	142	705405	42.589	ng	99
38) 1-Methylnaphthalene	8.93	142	662802	42.300	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	325624	43.799	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	146867	46.669	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	204481	39.959	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	220525	41.689	ng	98
46) 1,1'-Biphenyl	9.29	154	854083	43.502	ng	98
47) 2-Chloronaphthalene	9.32	162	672541	41.158	ng	99
48) 2-Nitroaniline	9.42	65	209914	38.864	ng	97
49) Acenaphthylene	9.73	152	1007111	42.246	ng	98
50) Dimethylphthalate	9.59	163	776876	41.029	ng	100
51) 2,6-Dinitrotoluene	9.66	165	173764	42.228	ng	99
52) Acenaphthene	9.91	154	607277	41.523	ng	99
53) 3-Nitroaniline	9.83	138	134726	26.498	ng	97
54) 2,4-Dinitrophenol	9.95	184	137474	67.084	ng	96
55) Dibenzofuran	10.08	168	888982	41.798	ng	99
56) 4-Nitrophenol	10.01	139	220770	67.781	ng	92
57) 2,4-Dinitrotoluene	10.07	165	219330	40.034	ng	95
58) Fluorene	10.42	166	702218	42.913	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	187949	42.233	ng	99
60) Diethylphthalate	10.29	149	734265	41.535	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	354700	42.800	ng	99
62) 4-Nitroaniline	10.45	138	187566	35.696	ng	99
63) Azobenzene	10.57	77	762225	41.919	ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	109565	43.588	ng	98
66) n-Nitrosodiphenylamine	10.53	169	616070	43.151	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	214539	42.251	ng	96
68) Hexachlorobenzene	10.97	284	240834	41.017	ng	97
69) Atrazine	11.06	200	188377	40.107	ng	100
70) Pentachlorophenol	11.17	266	212669	74.604	ng	98
71) Phenanthrene	11.39	178	1019736	42.053	ng	99
72) Anthracene	11.44	178	1065250	43.407	ng	99
73) Carbazole	11.59	167	960872	43.157	ng	100
74) Di-n-butylphthalate	11.92	149	1130011	43.507	ng	98
75) Fluoranthene	12.57	202	1073094	42.271	ng	98
77) Benzidine	12.69	184	344041	30.866	ng	98
78) Pyrene	12.80	202	1081085	43.468	ng	99
80) Butylbenzylphthalate	13.41	149	464546	44.157	ng	97
81) Benzo(a)anthracene	13.99	228	872512	41.375	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	270555	36.929	ng	99
83) Chrysene	14.03	228	853103	41.669	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	628370	45.963	ng	99
85) Di-n-octyl phthalate	14.58	149	964127	44.400	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	723021	42.048	ng	99
88) Benzo(b)fluoranthene	15.04	252	798896	49.999	ng	99
89) Benzo(k)fluoranthene	15.07	252	696306	44.741	ng	99
90) Benzo(a)pyrene	15.41	252	699872	48.999	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	620949	50.223	ng	99
92) Benzo(g,h,i)perylene	17.38	276	615401	50.682	ng	99

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

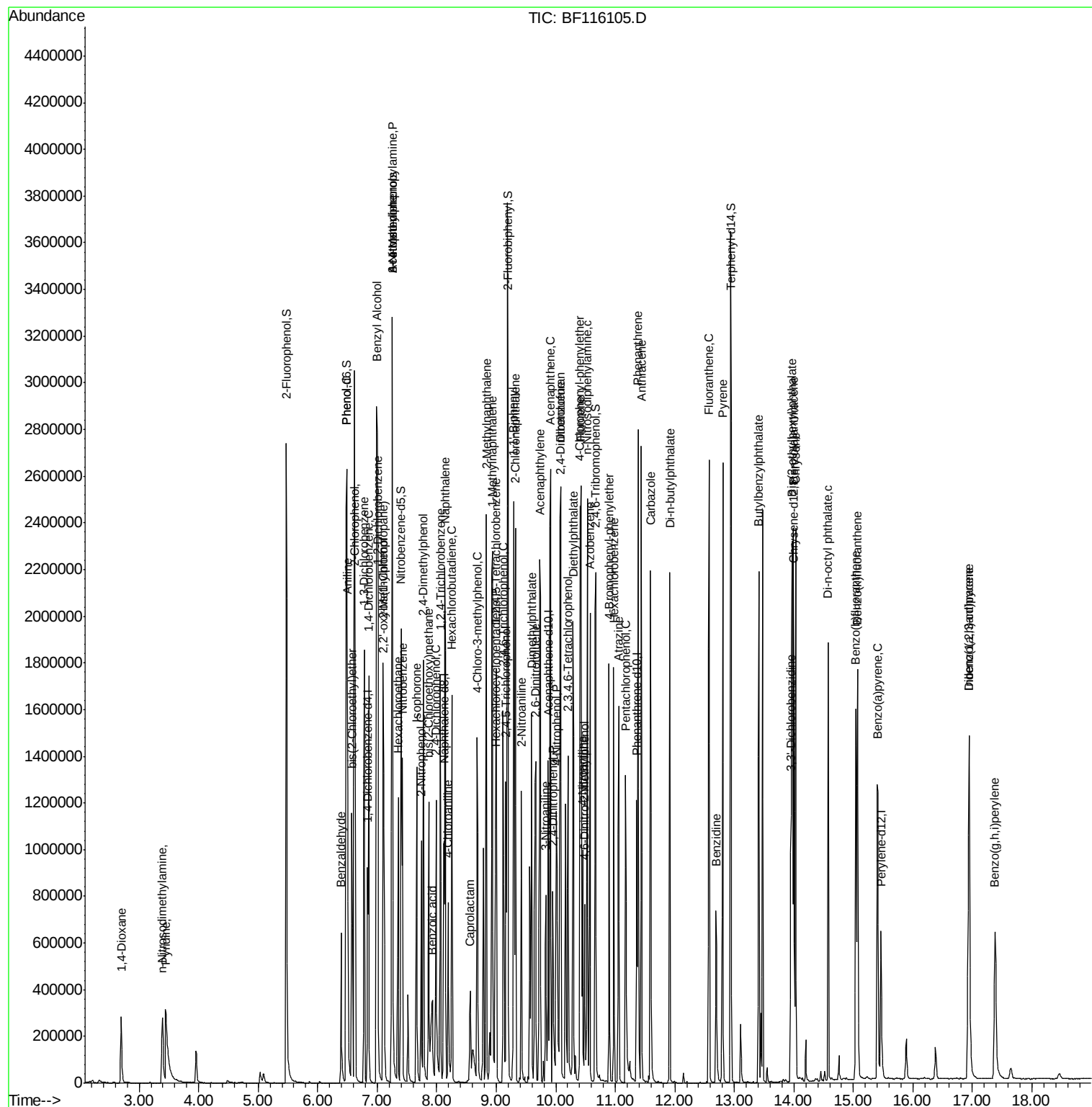
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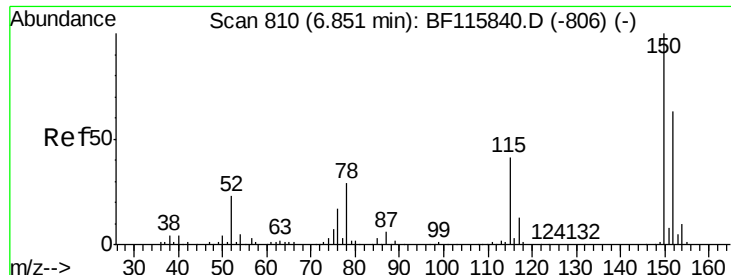
Instrument :
 BNA_F
 ClientSampleID :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

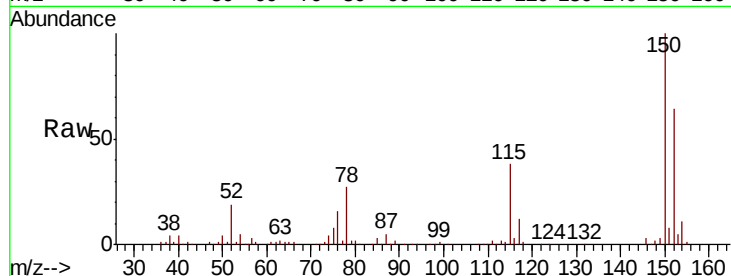
ClientSampleId :

PB122075BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	59.8	49.9	74.9

Manual Integrations
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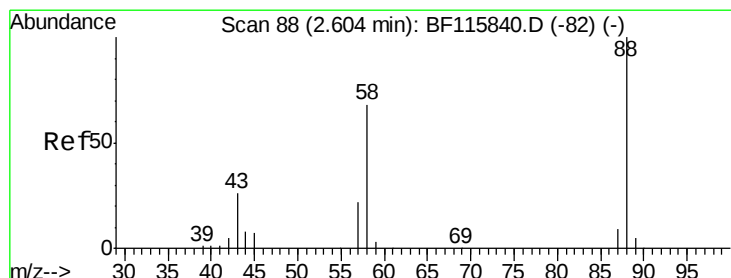
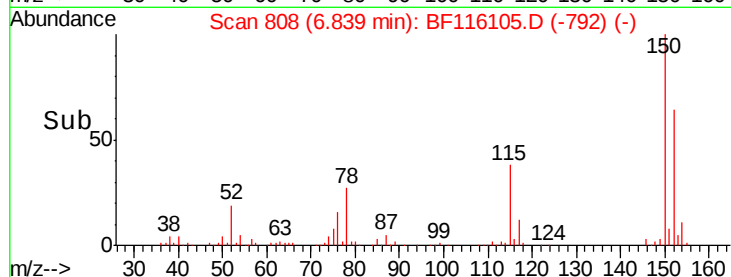
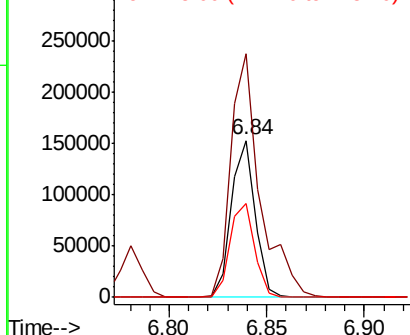


Abundance

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: 40.156 ng

RT: 2.70 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

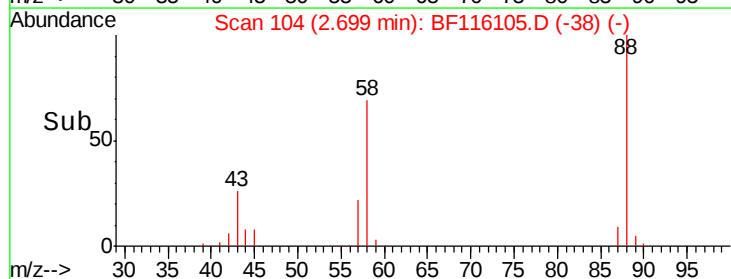
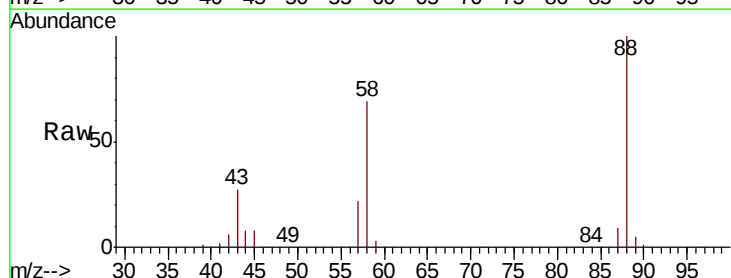
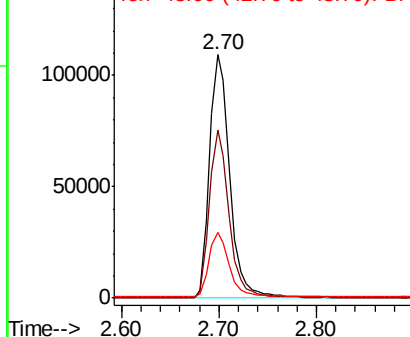
Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	53.7	80.5
43	26.5	21.0	31.4

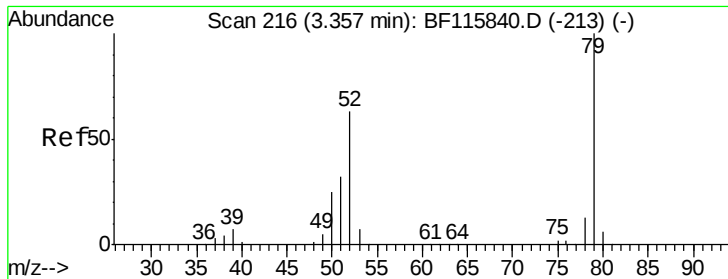
Abundance

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: 33.383 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

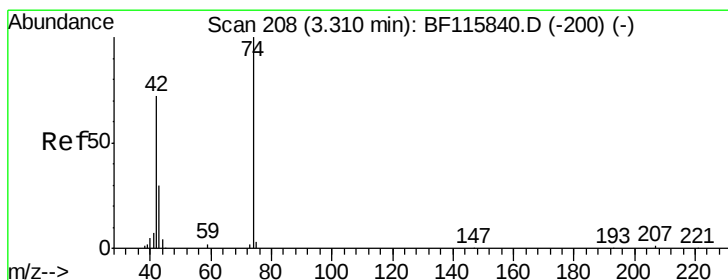
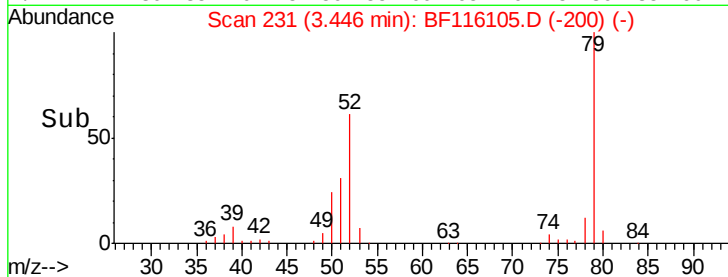
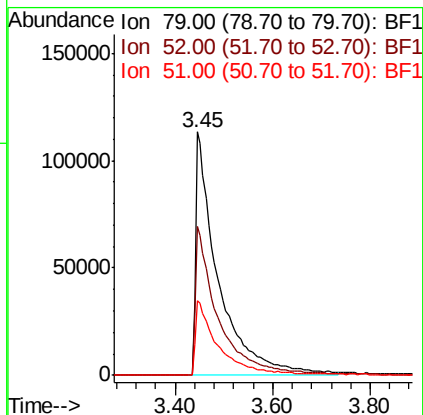
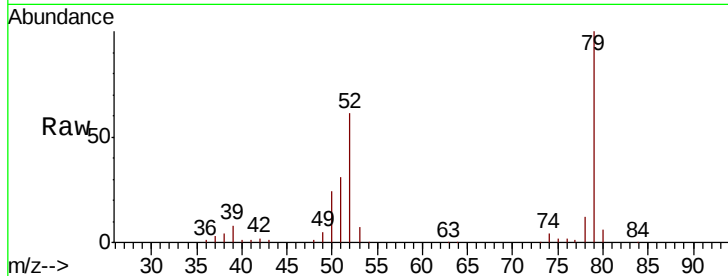
ClientSampleId :

PB122075BS

Tot Ion:	79	Resp:	366717
Ion Ratio	Lower	Upper	
79	100		
52	61.3	49.8	74.8
51	30.8	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 37.694 ng

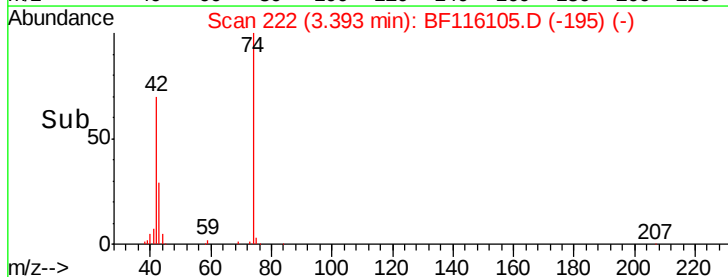
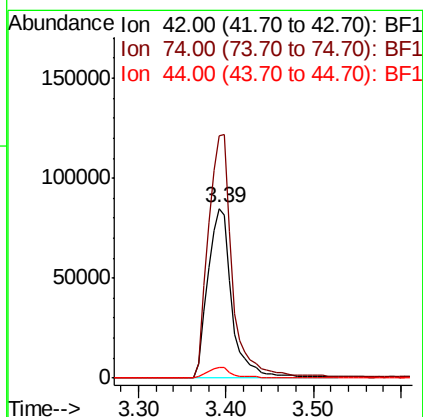
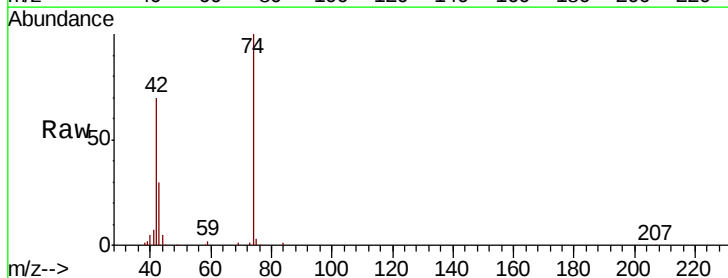
RT: 3.39 min Scan# 222

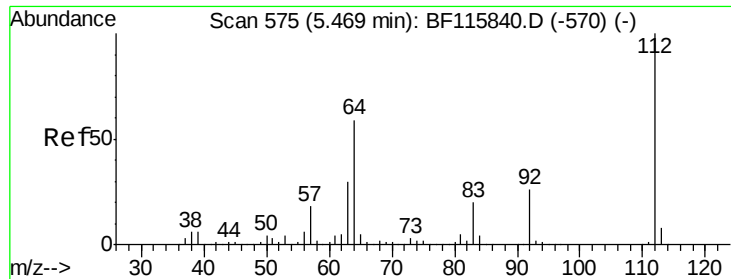
Delta R.T. 0.06 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	42	Resp:	163411
Ion Ratio	Lower	Upper	
42	100		
74	142.4	116.0	174.0
44	6.4	4.6	7.0





#5

2-Fluorophenol

Concen: 112.073 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

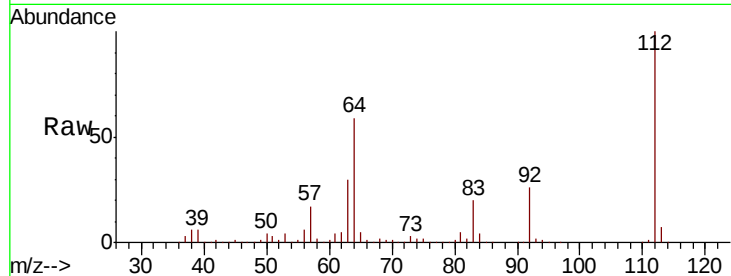
ClientSampled :

PB122075BS

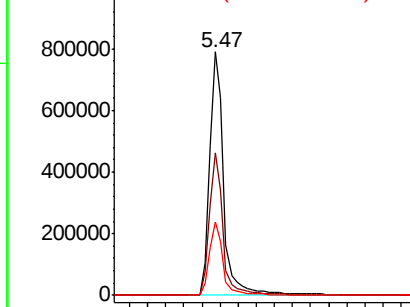
Tot Ion:	112	Resp:	872413
Ion Ratio	Lower	Upper	
112	100		
64	58.8	45.4	68.2
63	30.1	23.7	35.5

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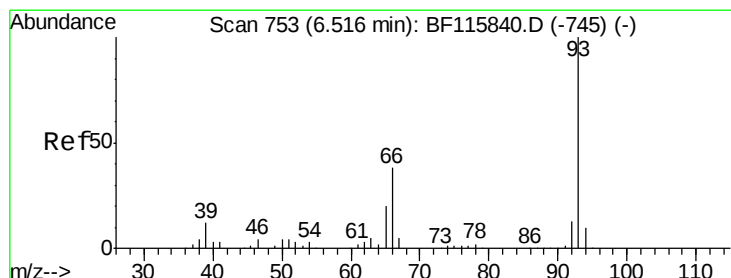
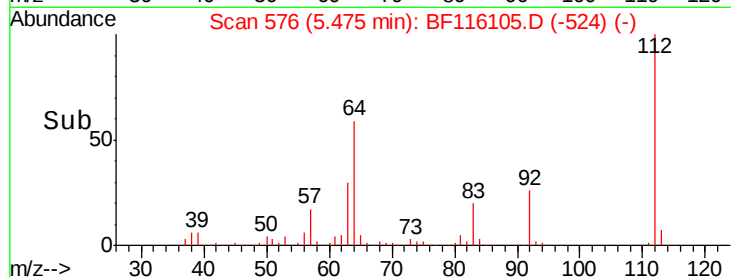
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->



#6

Aniline

Concen: 30.402 ng

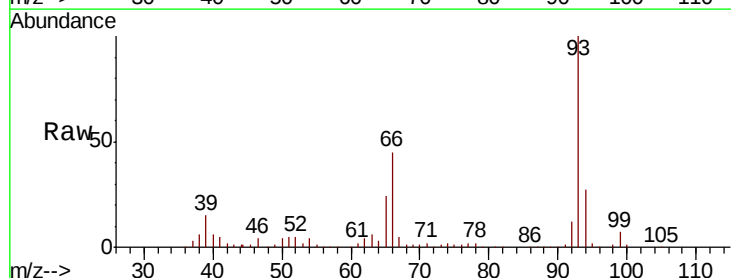
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

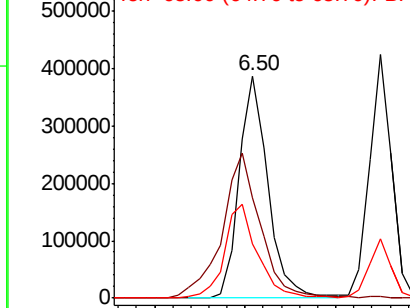
Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

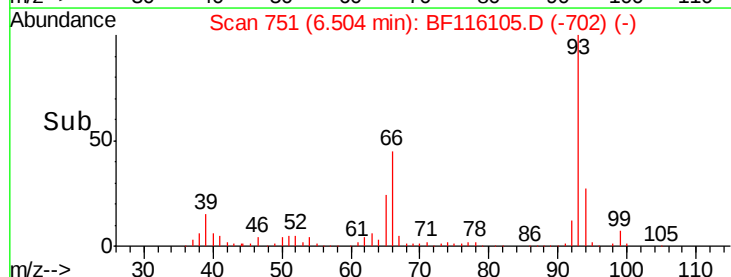
Tgt Ion:	93	Resp:	427605
Ion Ratio	Lower	Upper	
93	100		
66	45.3	32.2	48.4
65	24.4	17.0	25.6

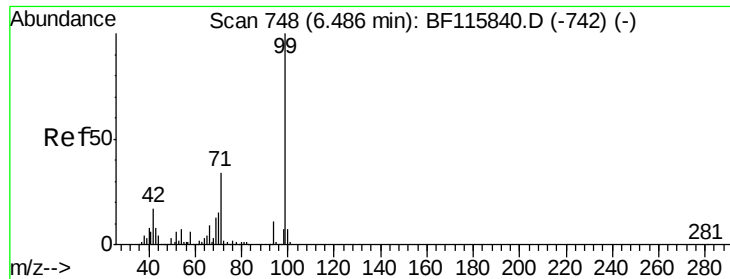


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->





#7

Phenol-d6

Concen: 111.832 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampled :

PB122075BS

Tot Ion: 99 Resp: 1098336

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.8

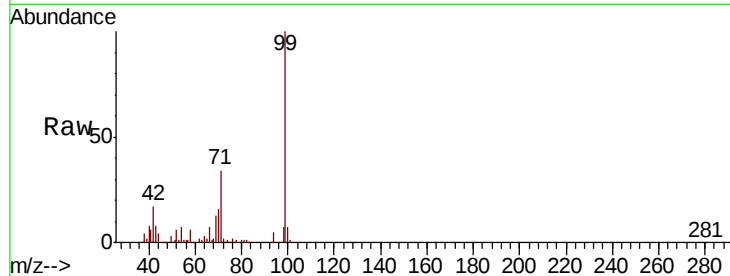
71 34.1 27.3 40.9

Manual Integrations

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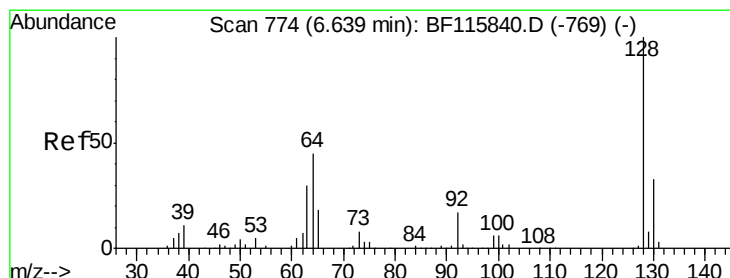
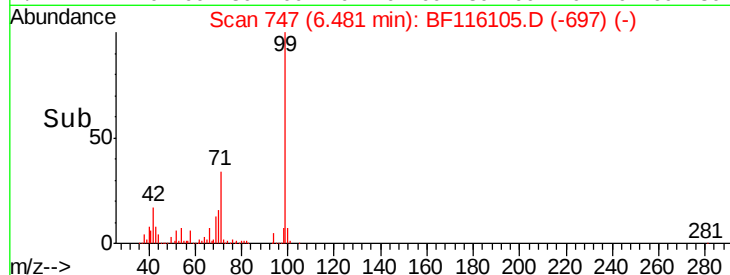
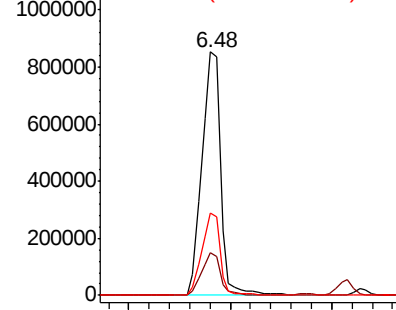
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.287 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

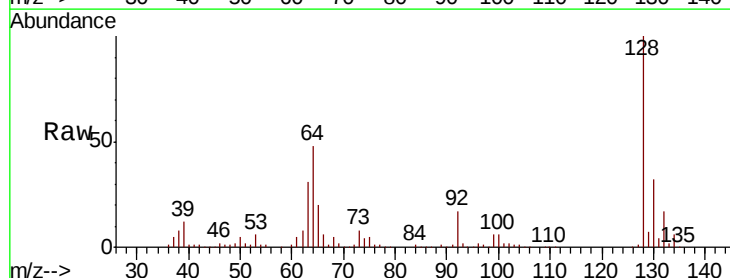
Tgt Ion: 128 Resp: 372609

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

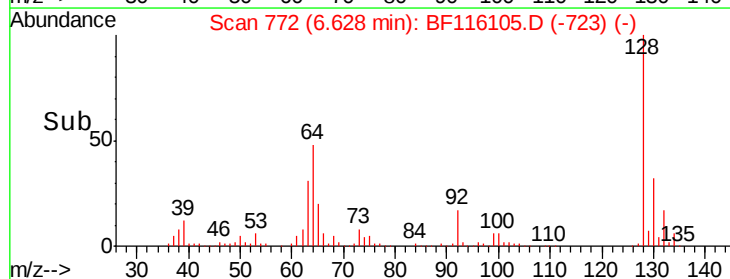
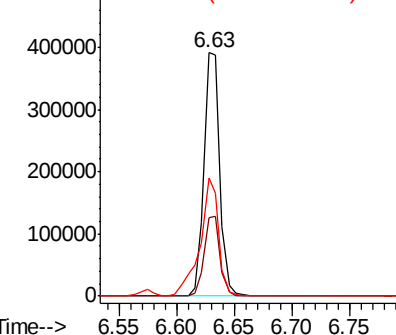
64 48.4 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.178 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116105.D

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Instrument :

BNA_F

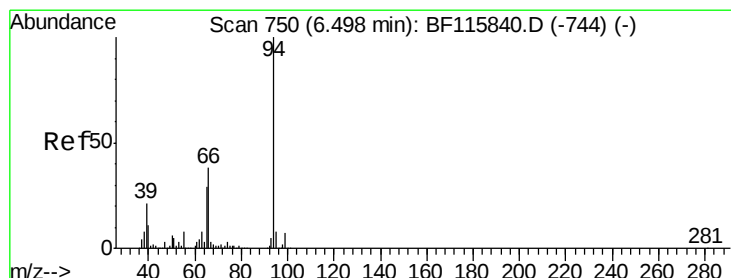
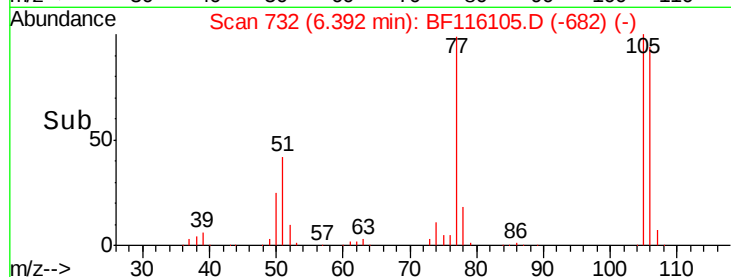
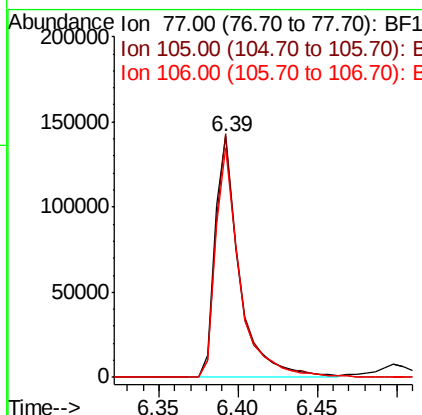
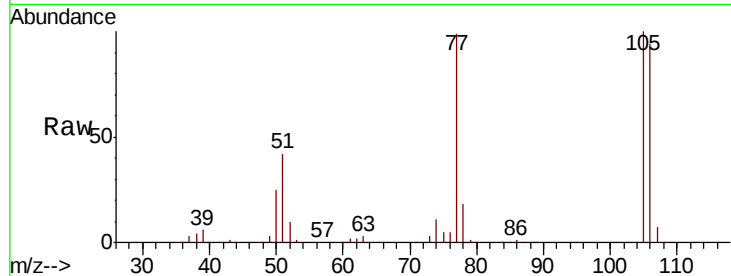
ClientSampleId :

PB122075BS

Tot Ion:	77	Resp:	150291
Ion Ratio	Lower	Upper	
77	100		
105	101.3	79.2	119.2
106	95.4	74.3	114.3

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#10

Phenol

Concen: 40.342 ng

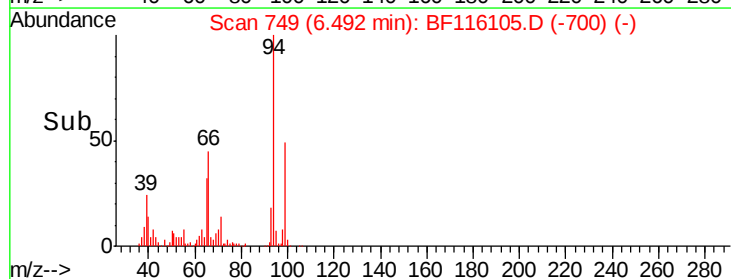
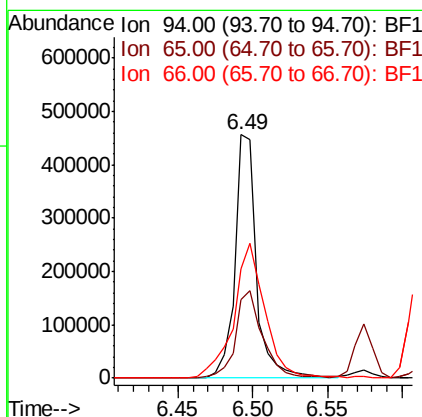
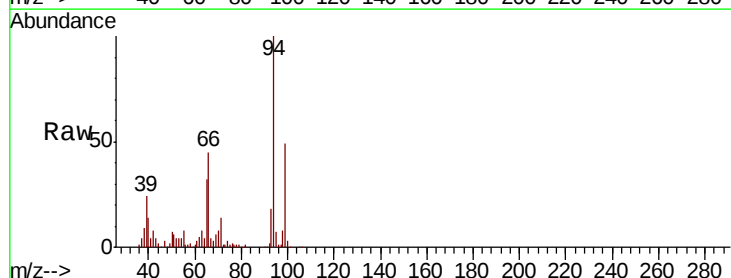
RT: 6.49 min Scan# 749

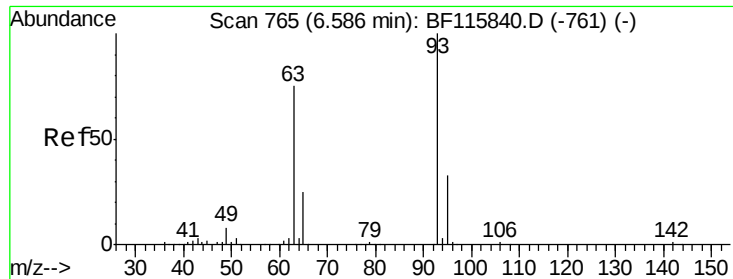
Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	94	Resp:	466573
Ion Ratio	Lower	Upper	
94	100		
65	32.1	16.8	56.8
66	45.1	34.2	74.2





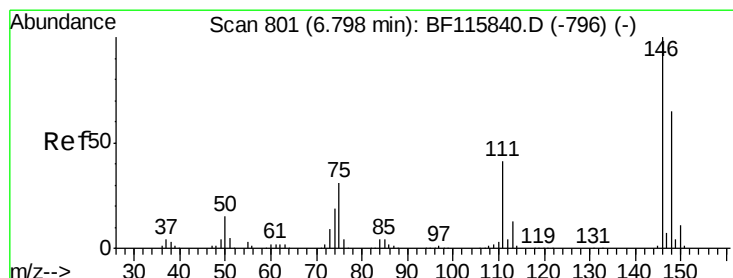
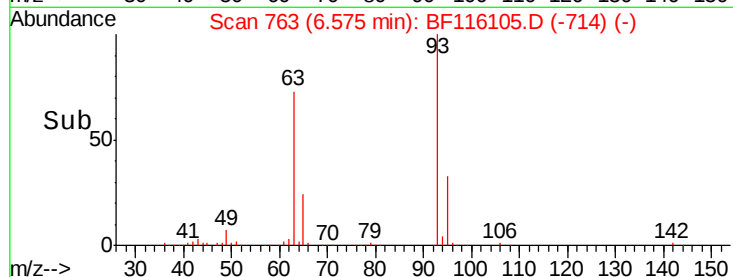
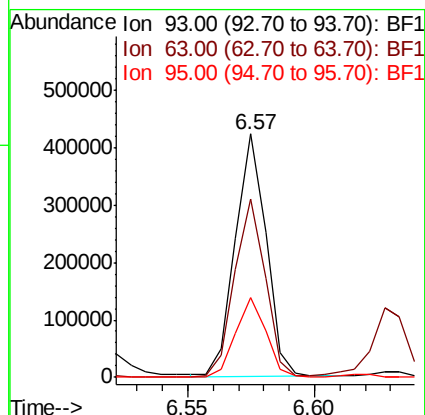
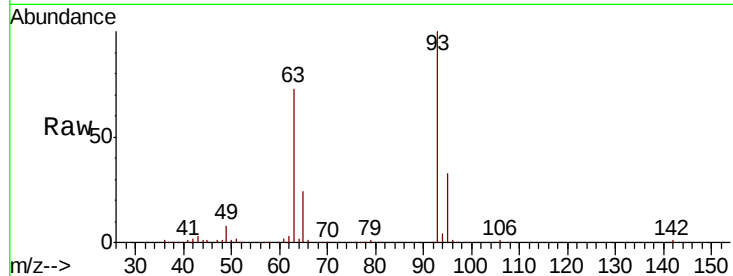
#11
bis(2-Chloroethyl)ether
Concen: 41.970 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampled :
PB122075BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.3	51.9	91.9
95	32.8	13.0	53.0

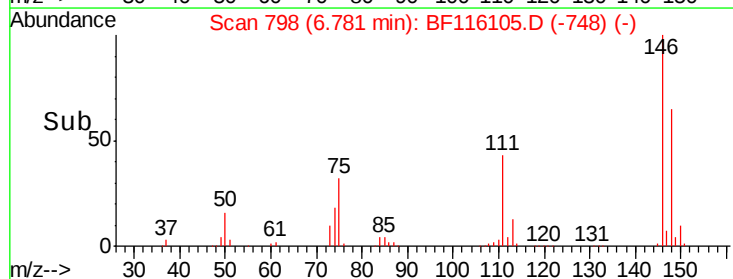
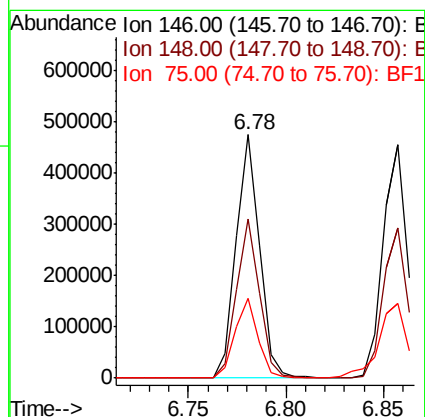
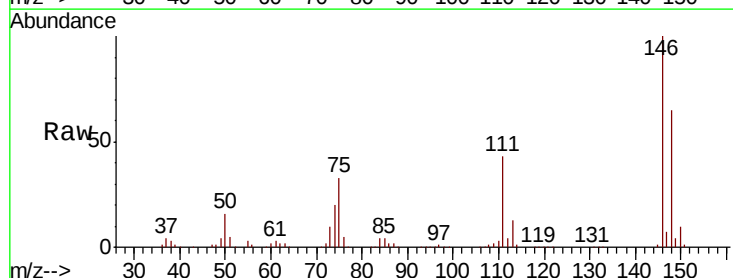
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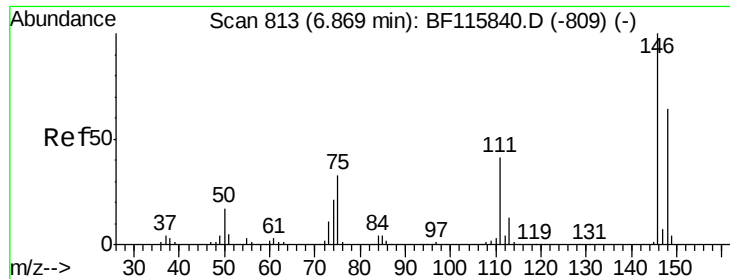
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#12
1,3-Dichlorobenzene
Concen: 39.920 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.3	76.9
75	32.6	27.4	41.2





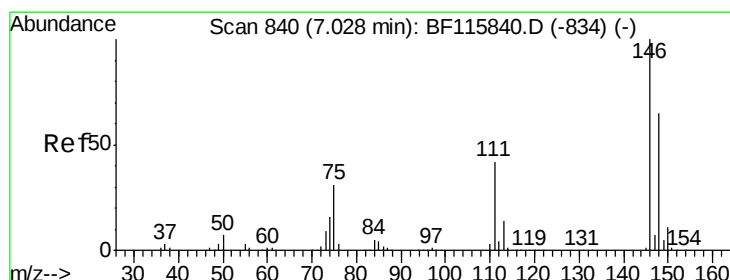
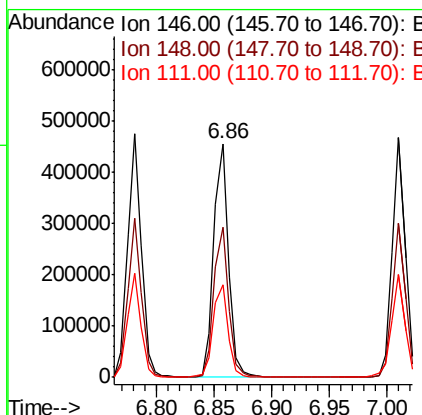
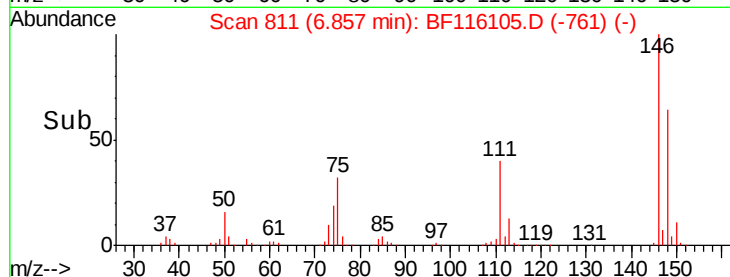
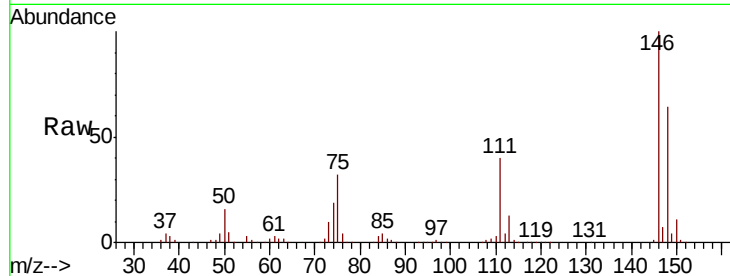
#13
 1,4-Dichlorobenzene
 Concen: 40.765 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	39.9	34.0	51.0

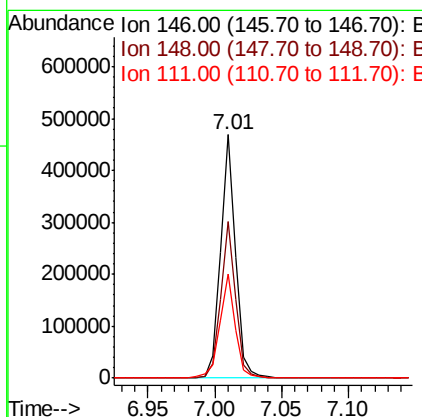
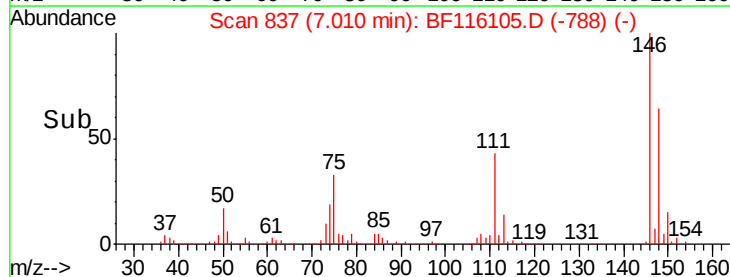
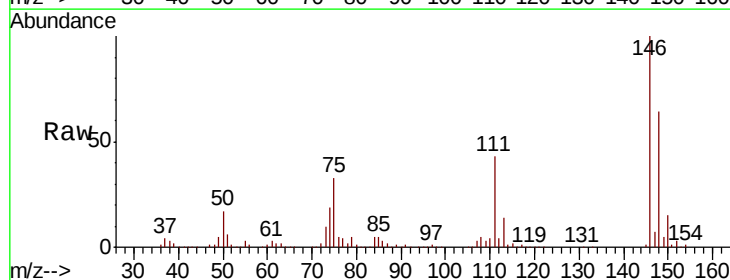
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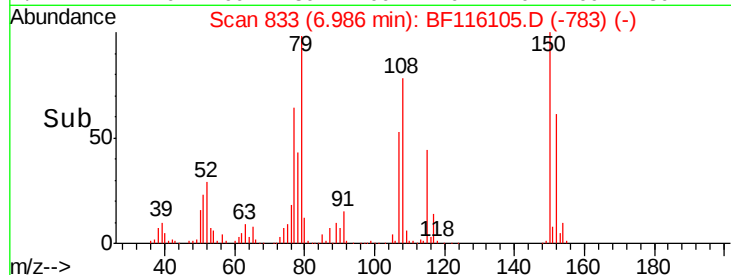
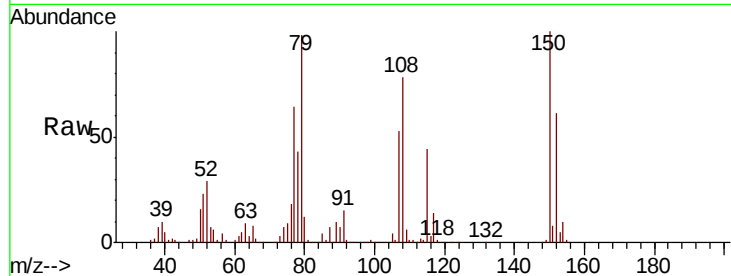
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#14
 1,2-Dichlorobenzene
 Concen: 40.682 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
111	42.7	33.5	50.3





#15

Benzyl Alcohol

Concen: 41.107 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tot Ion:	79	Resp:	306382
Ion Ratio	Lower	Upper	
79	100		
108	79.0	62.7	94.1
77	64.8	52.2	78.2

Instrument :

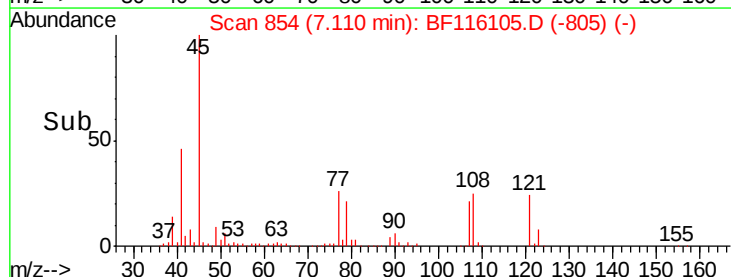
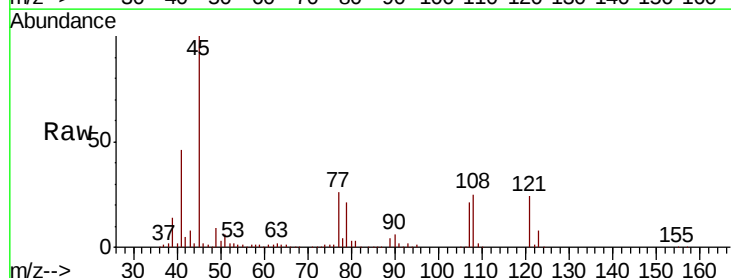
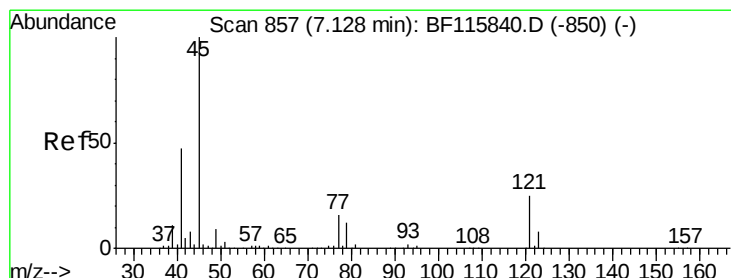
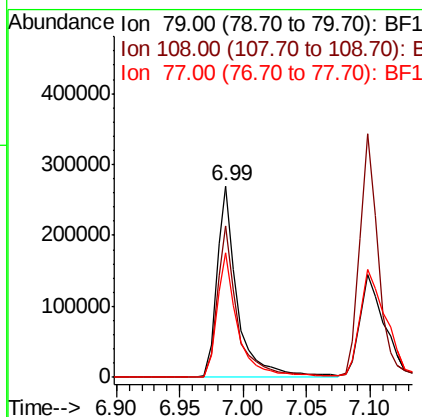
BNA_F

ClientSampleId :

PB122075BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.995 ng

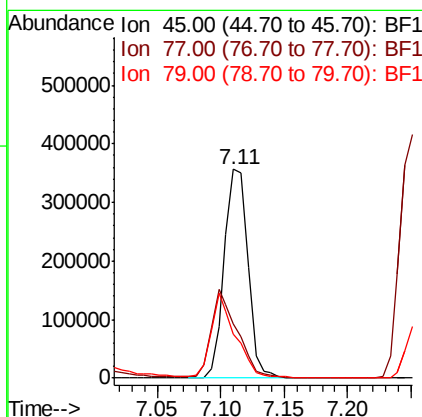
RT: 7.11 min Scan# 854

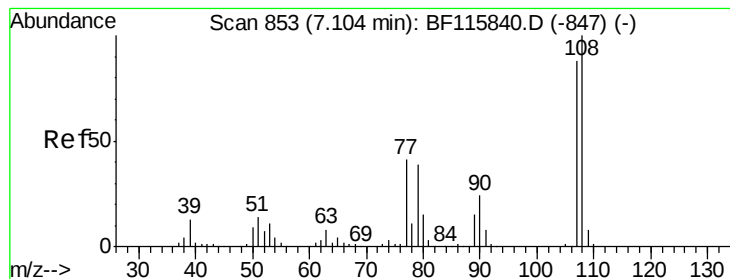
Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	45	Resp:	463869
Ion Ratio	Lower	Upper	
45	100		
77	25.7	0.0	40.0
79	21.2	0.0	35.9





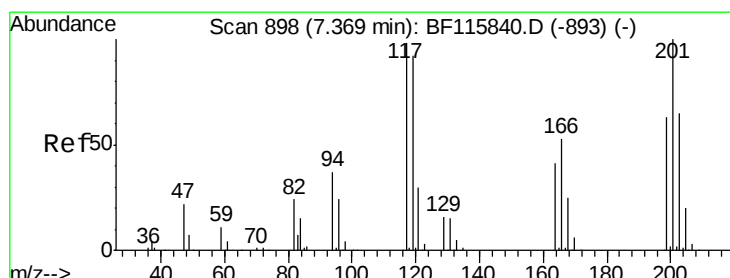
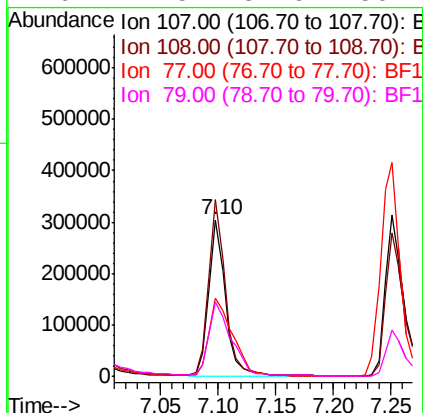
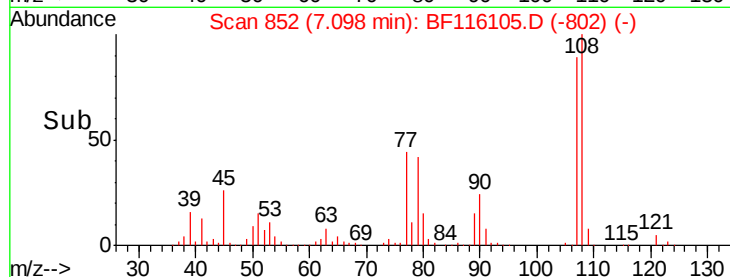
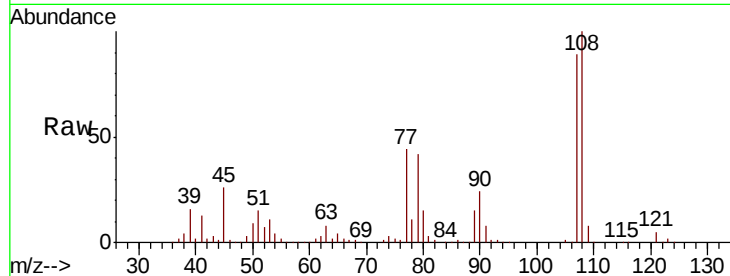
#17
2-Methylphenol
Concen: 42.145 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	107	Resp	307184
Ion Ratio	Lower	Upper	
107	100		
108	112.8	91.2	136.8
77	50.1	40.3	60.5
79	47.5	37.6	56.4

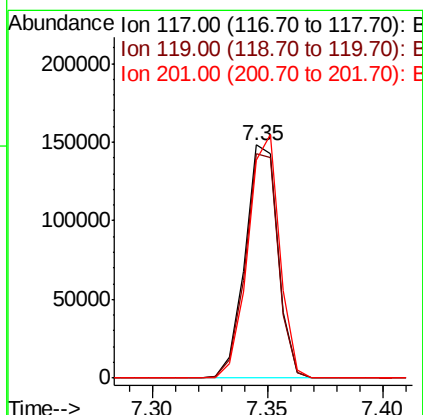
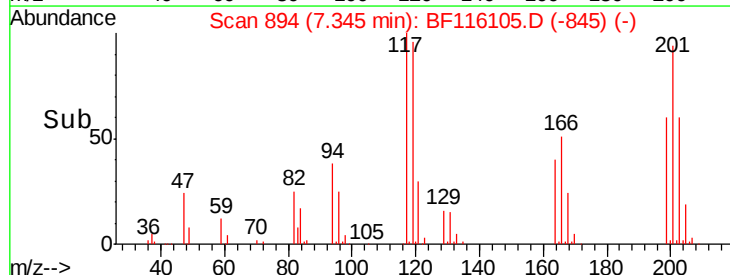
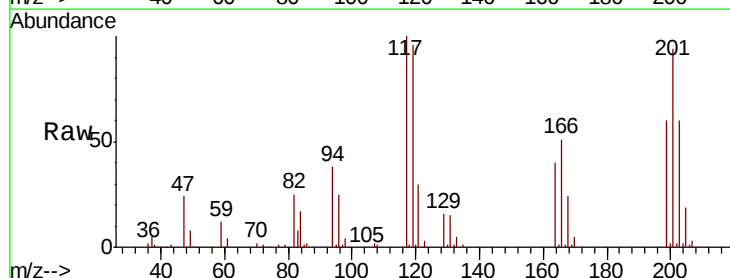
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#18
Hexachloroethane
Concen: 40.261 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	117	Resp	147648
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.1	114.1
201	93.8	77.0	115.4





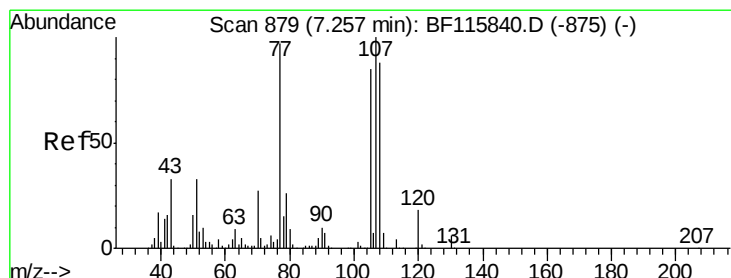
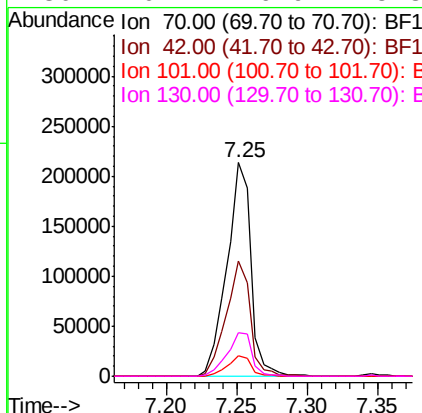
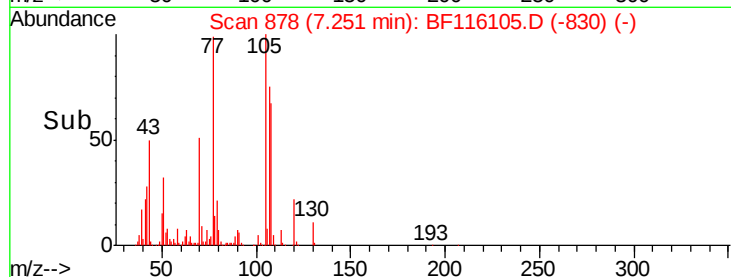
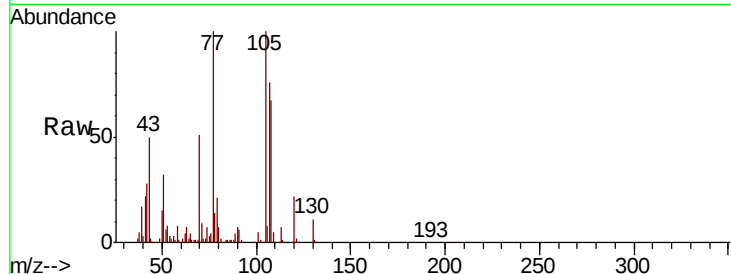
#19
n-Nitroso-di-n-propylamine
Concen: 41.647 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		253463		
42	54.1	40.9	61.3		
101	9.8	7.9	11.9		
130	20.7	16.9	25.3		

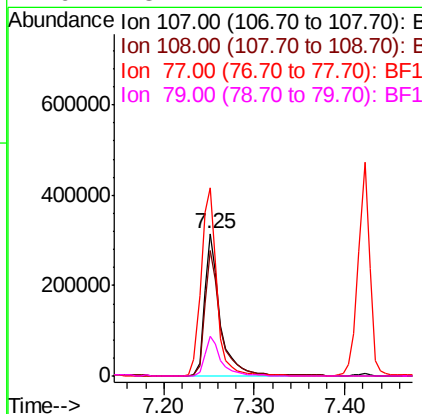
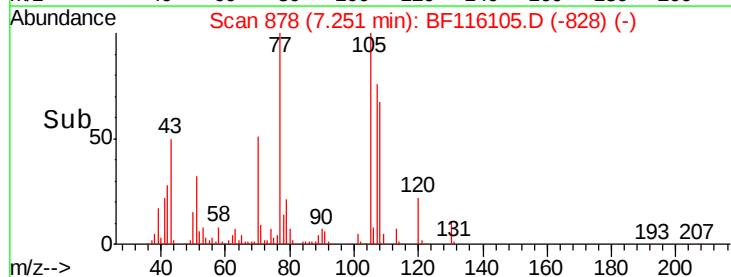
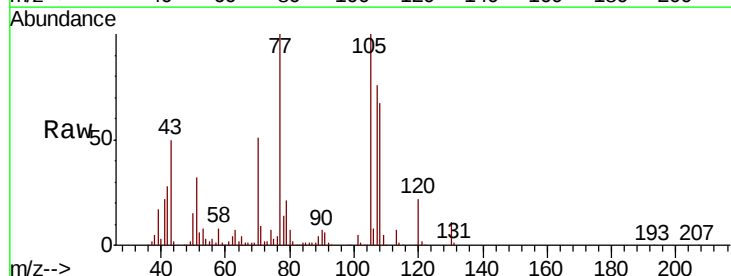
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#20
3+4-Methylphenols
Concen: 43.557 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		375688		
108	88.4	67.6	107.6		
77	132.0	104.4	144.4		
79	28.2	7.4	47.4		





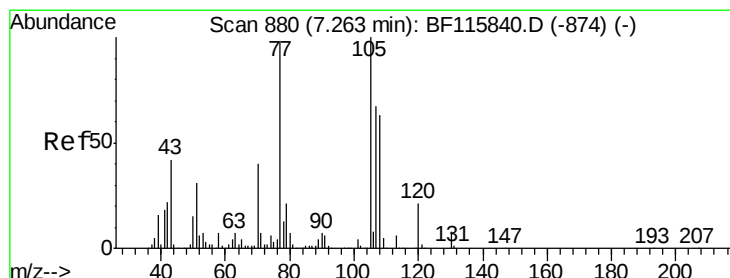
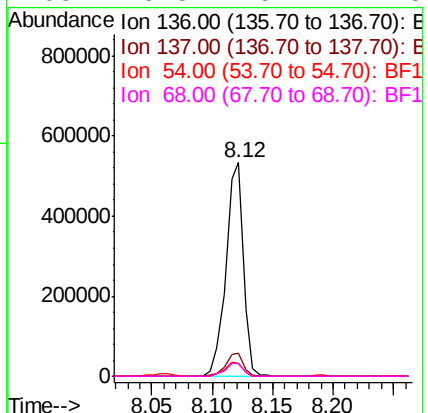
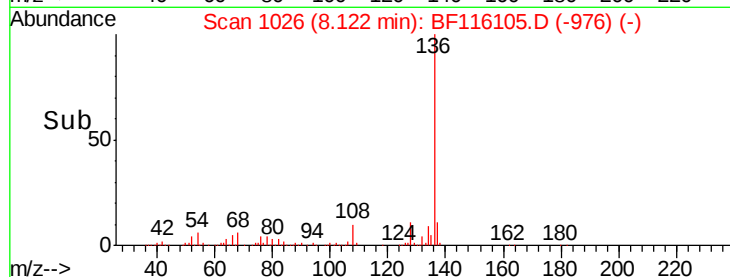
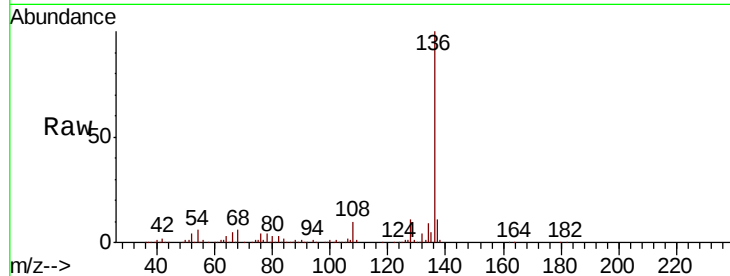
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	534432		
137	10.6	9.0	13.4	
54	6.3	5.8	8.6	
68	5.8	5.2	7.8	

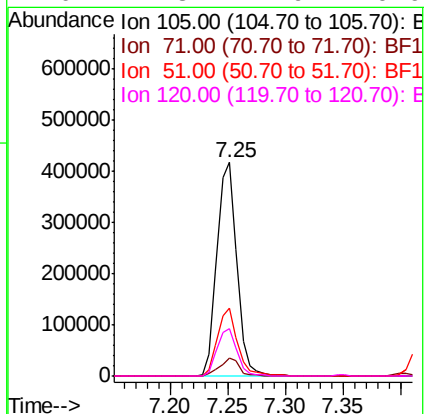
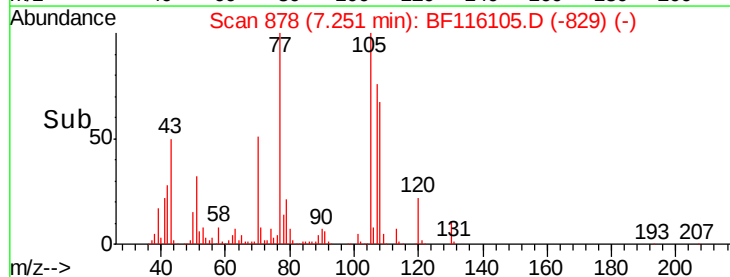
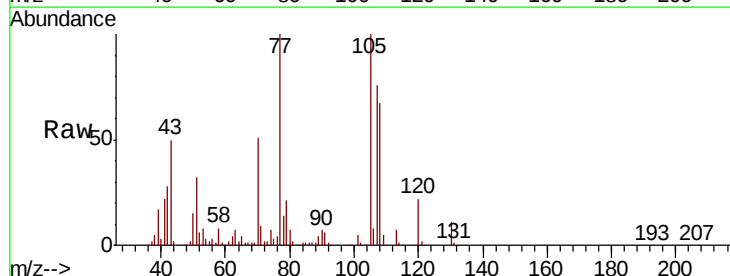
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#22
Acetophenone
Concen: 42.693 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500394		
71	8.5	5.9	8.9	
51	31.9	25.3	37.9	
120	22.3	17.9	26.9	





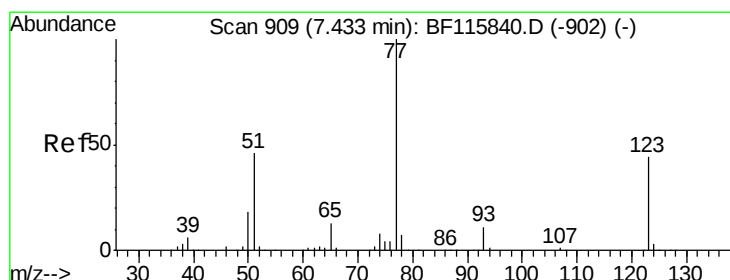
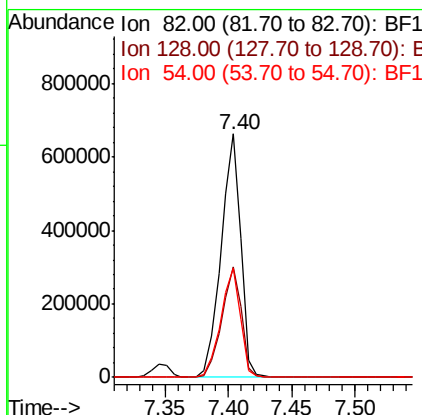
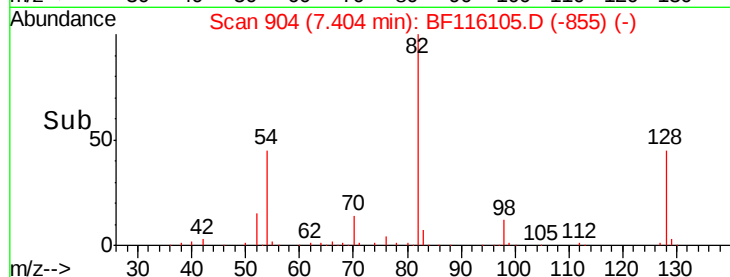
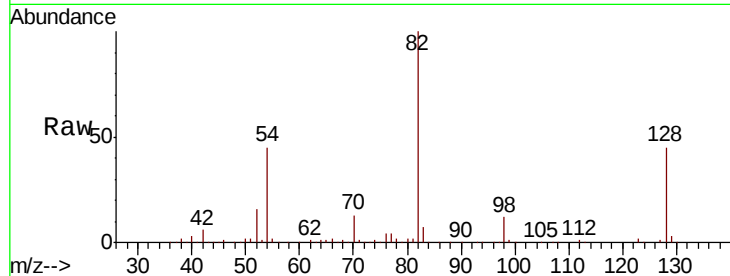
#23
 Nitrobenzene-d5
 Concen: 77.243 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	44.7	36.0	54.0

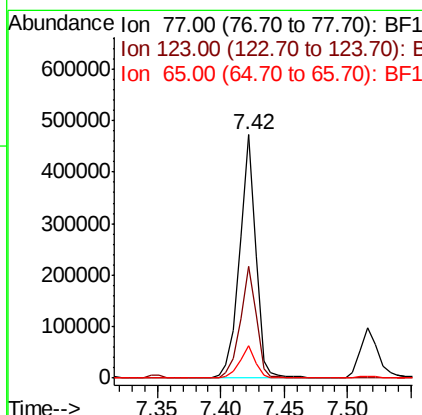
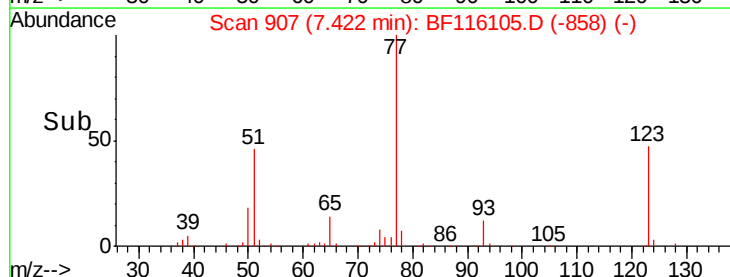
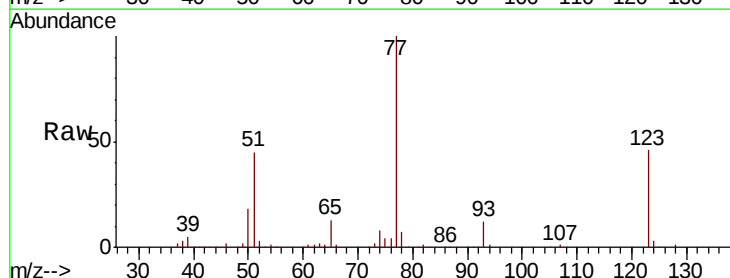
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#24
 Nitrobenzene
 Concen: 41.174 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.7	55.1
65	13.4	10.6	16.0





#25

Isophorone

Concen: 41.703 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

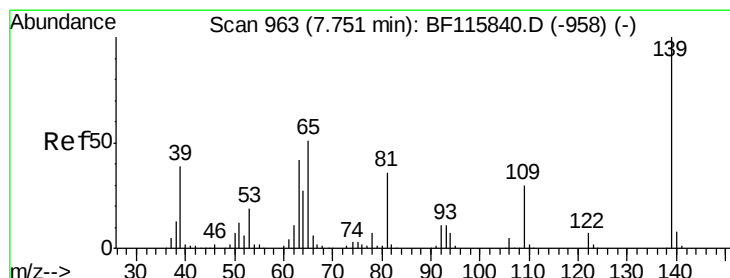
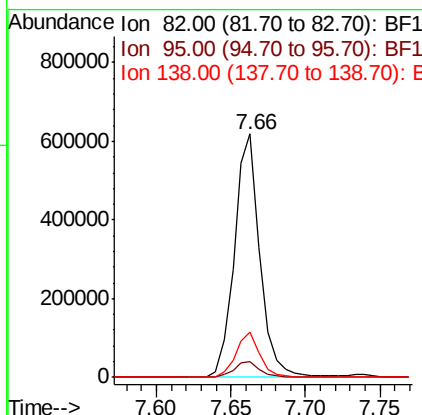
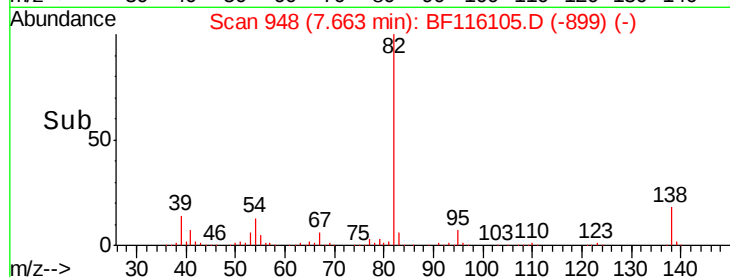
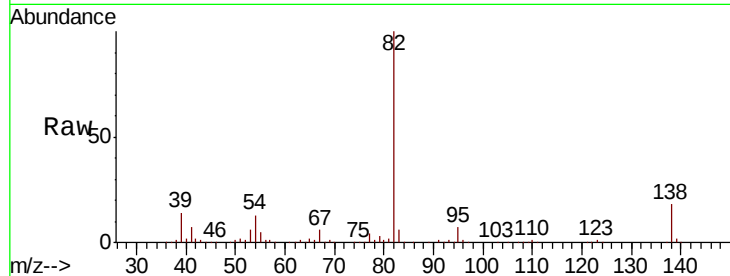
ClientSampleId :

PB122075BS

Tot Ion:	82	Resp:	738297
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	18.3	14.5	21.7

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#26

2-Nitrophenol

Concen: 43.494 ng

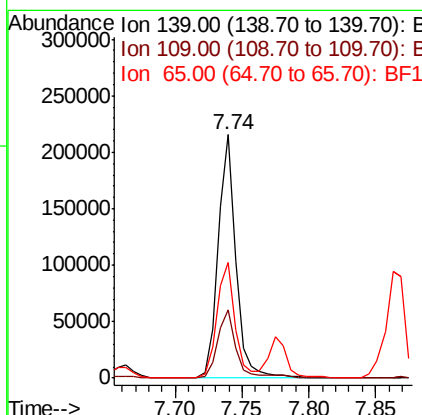
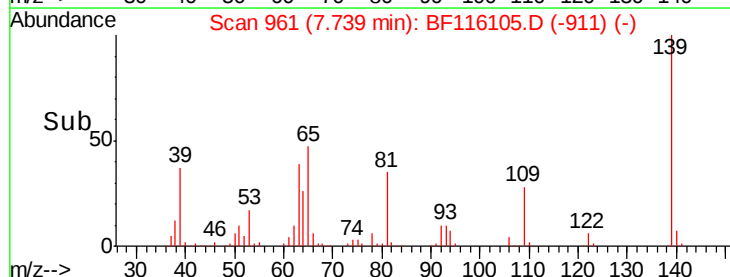
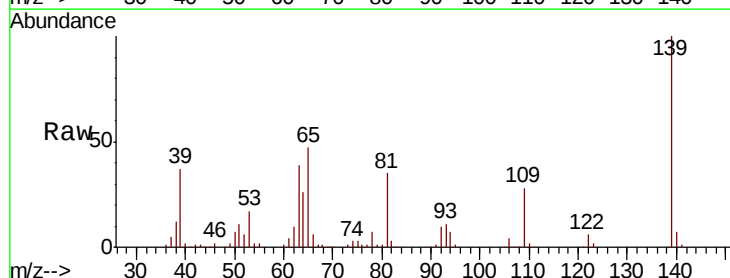
RT: 7.74 min Scan# 961

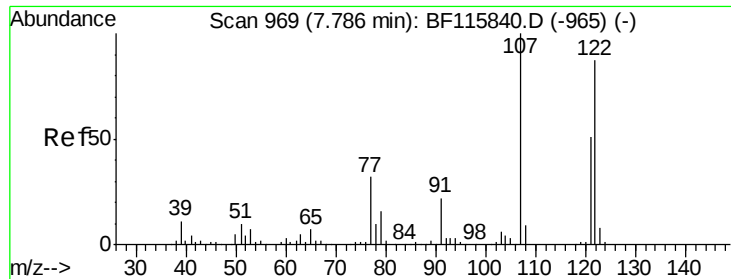
Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	139	Resp:	204962
Ion Ratio	Lower	Upper	
139	100		
109	28.0	23.4	35.2
65	47.3	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 46.543 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

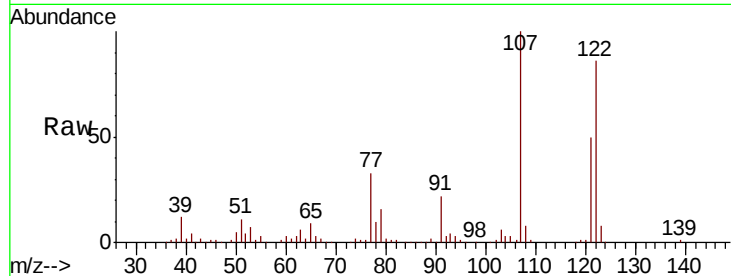
ClientSampled :

PB122075BS

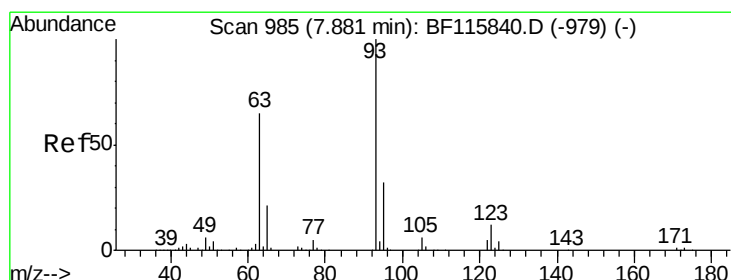
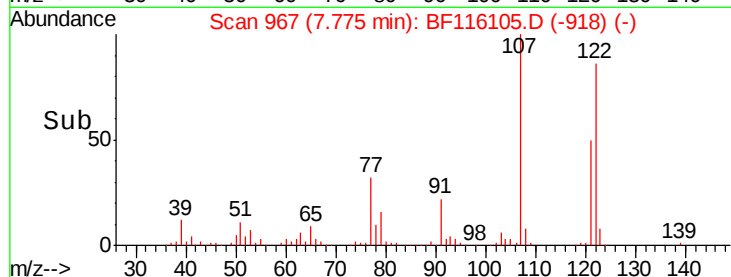
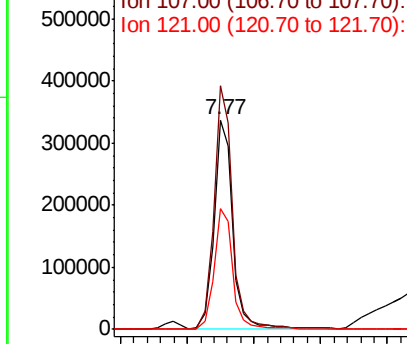
Tot Ion:	122	Resp:	329978
Ion Ratio	Lower	Upper	
122	100		
107	116.2	93.0	139.6
121	57.8	47.6	71.4

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.427 ng

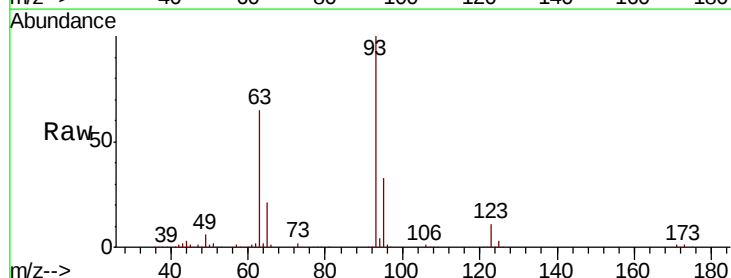
RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

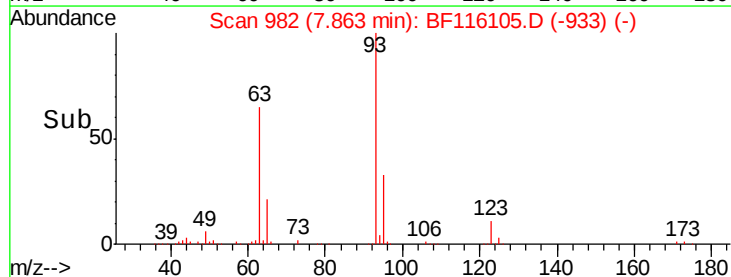
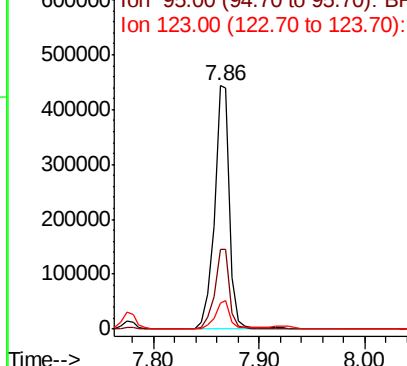
Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	93	Resp:	454576
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.4
123	10.8	9.2	13.8



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





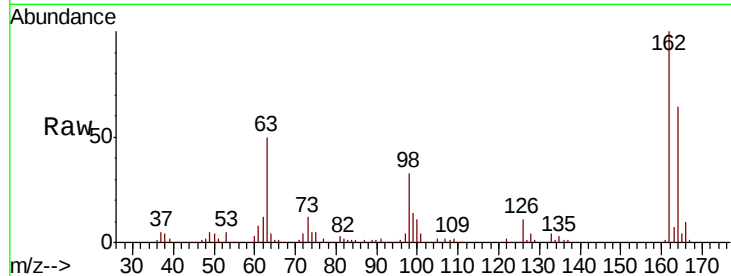
#29
2,4-Dichlorophenol
Concen: 42.802 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	320410		
164	64.5	45.1	85.1	
98	33.5	15.8	55.8	

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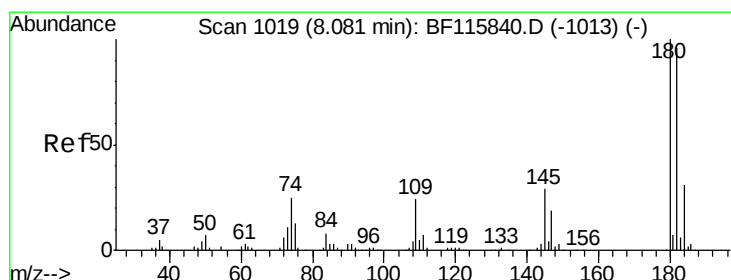
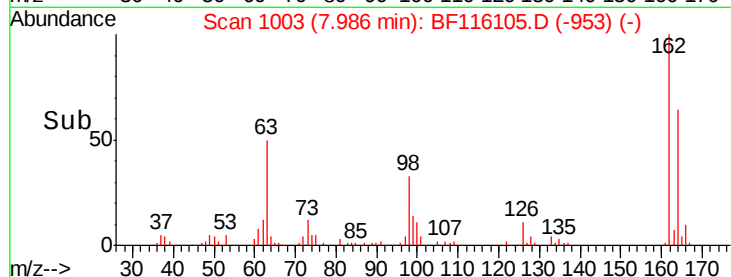
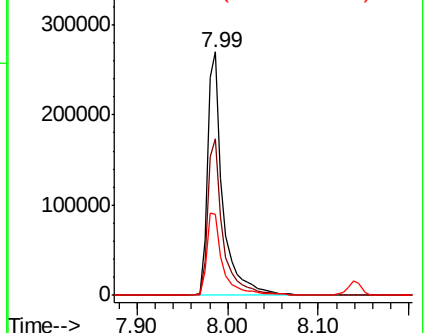


Abundance

Ion 162.00 (161.70 to 162.70): E

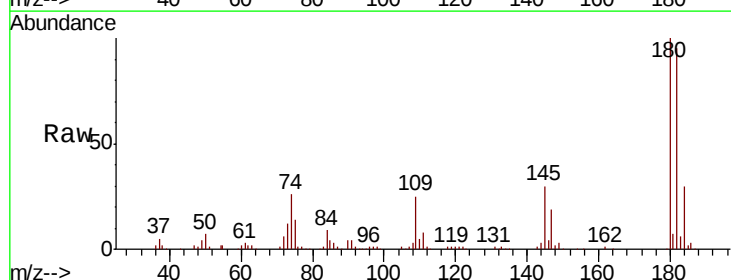
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.677 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347108		
182	95.3	75.7	113.5	
145	29.9	24.3	36.5	

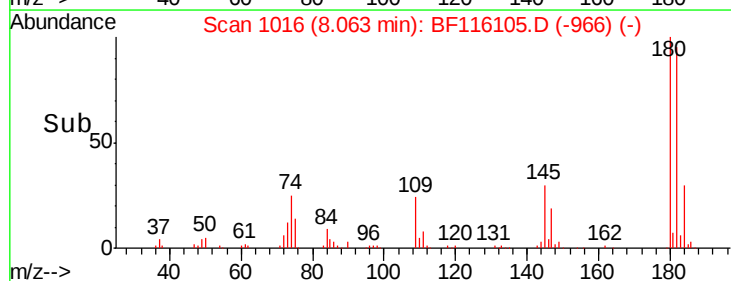
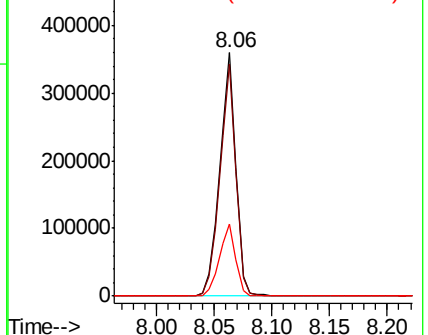


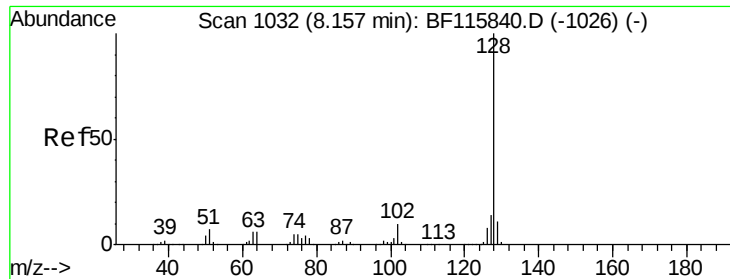
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





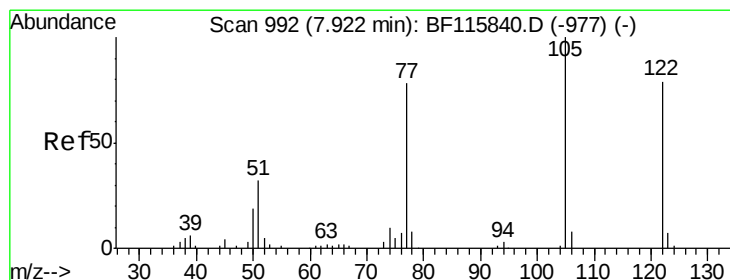
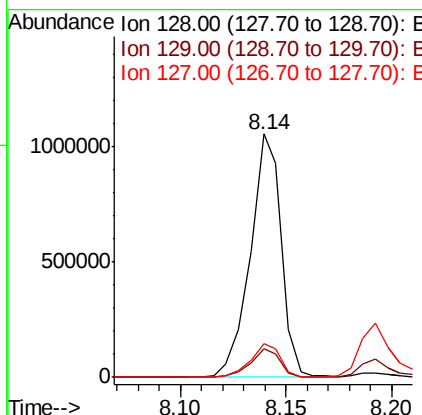
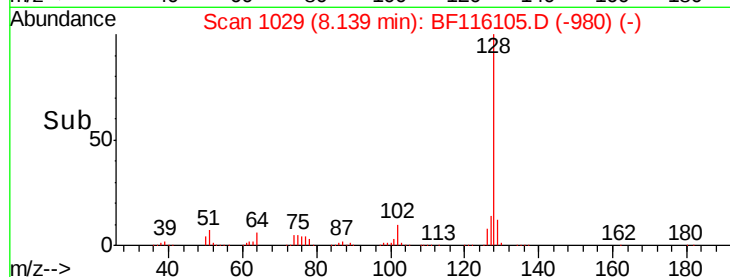
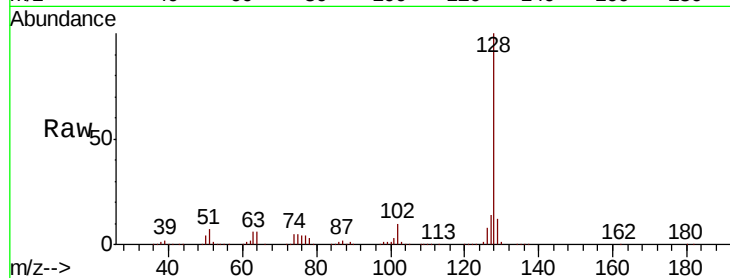
#31
Naphthalene
Concen: 42.790 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampled :
PB122075BS

Tot Ion:128 Resp: 1076143
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.4 17.0

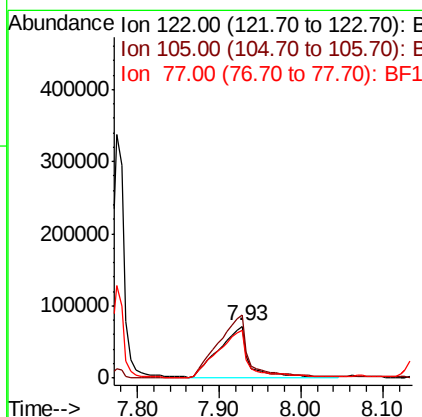
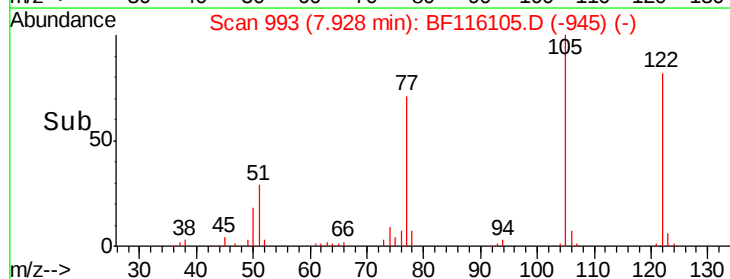
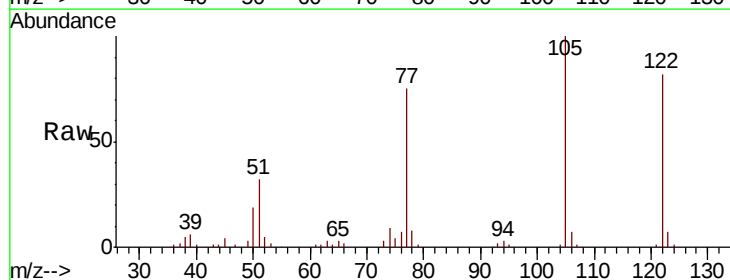
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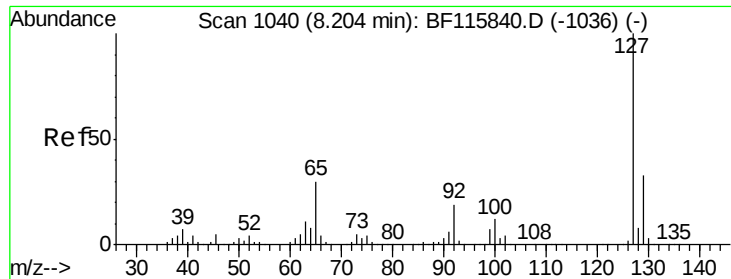
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#32
Benzoic acid
Concen: 35.980 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion:122 Resp: 179845
Ion Ratio Lower Upper
122 100
105 121.4 106.1 146.1
77 91.3 76.7 116.7





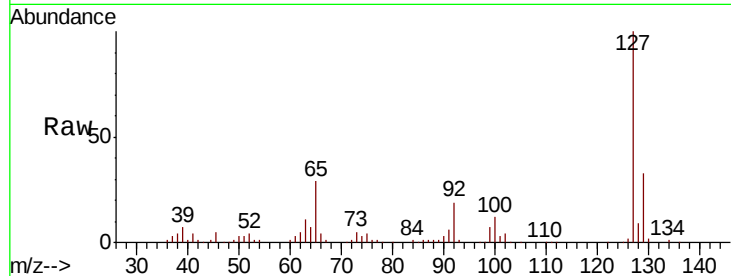
#33
4-Chloroaniline
Concen: 24.695 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

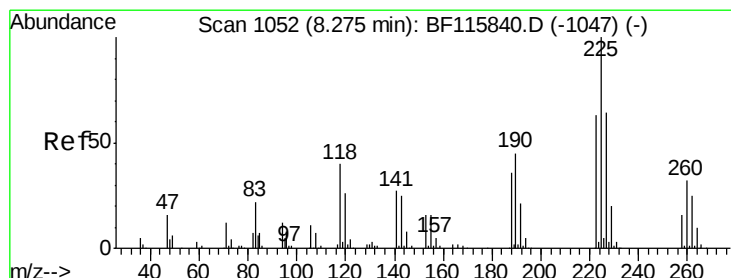
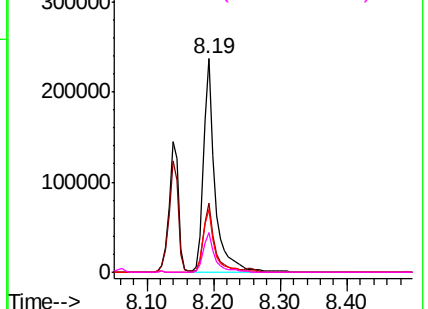
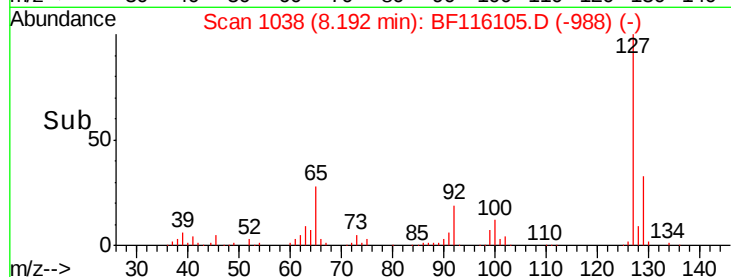
Tot Ion	Ratio	Resp	Lower	Upper
127	100	277495		
129	32.6		26.1	39.1
65	29.3		24.9	37.3
92	18.8		15.7	23.5

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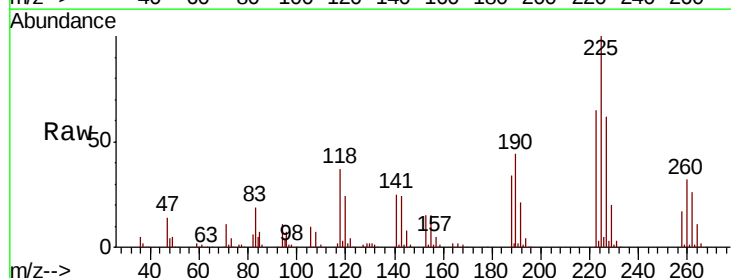


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

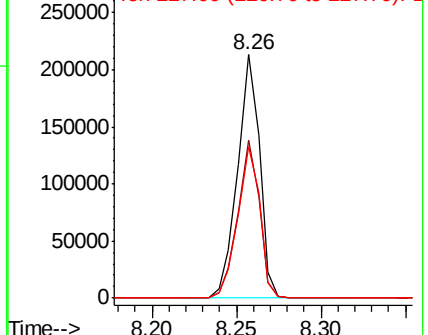
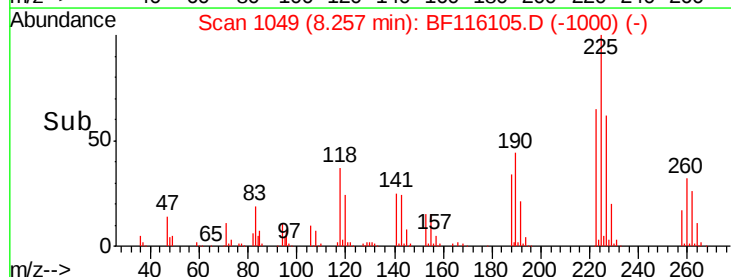


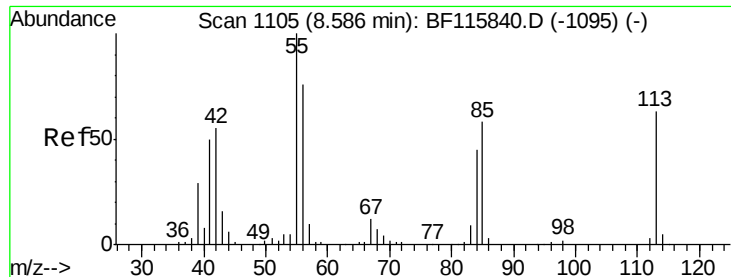
#34
Hexachlorobutadiene
Concen: 39.515 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	194221		
223	64.6		50.0	75.0
227	62.3		51.0	76.4



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





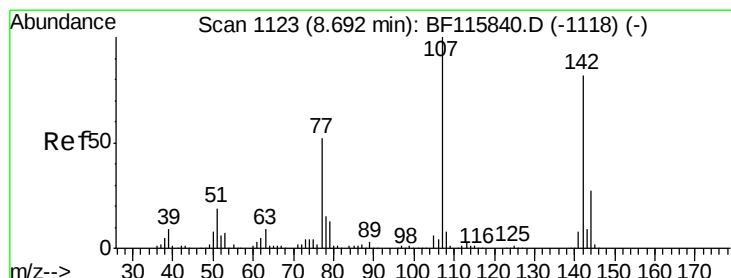
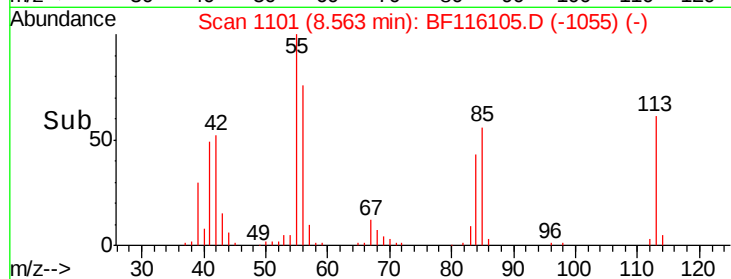
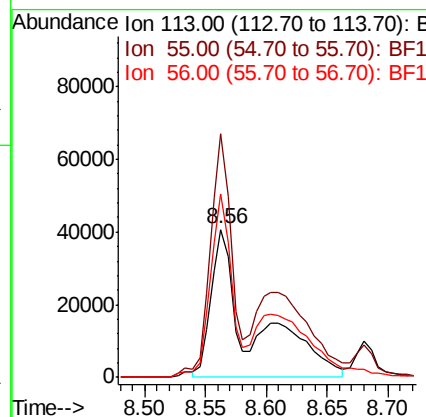
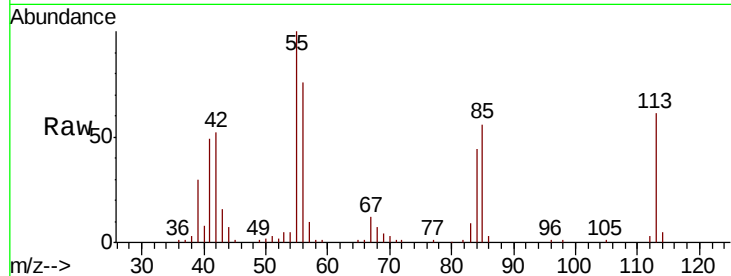
#35
Caprolactam
Concen: 39.085 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.8	144.3	184.3
56	124.5	97.1	137.1

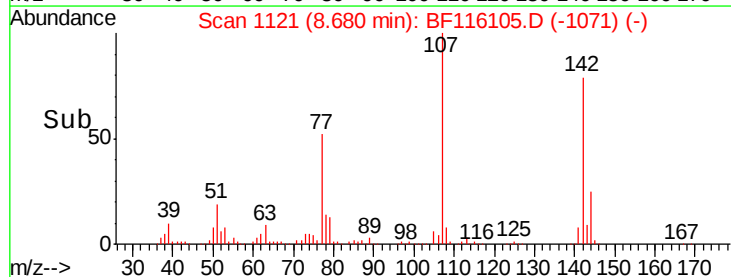
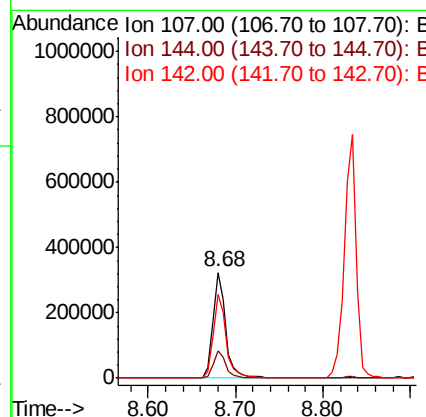
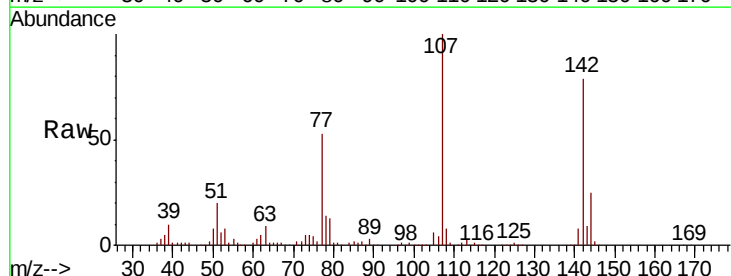
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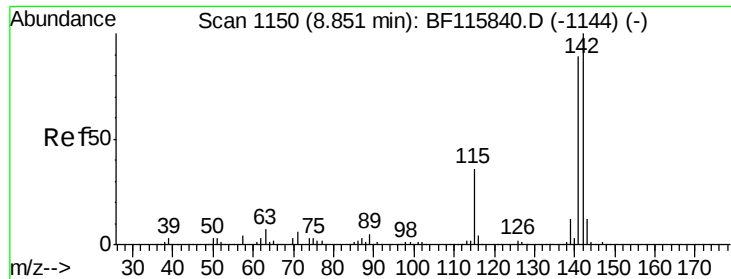
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#36
4-Chloro-3-methylphenol
Concen: 42.394 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.2	30.2
142	78.7	61.7	92.5





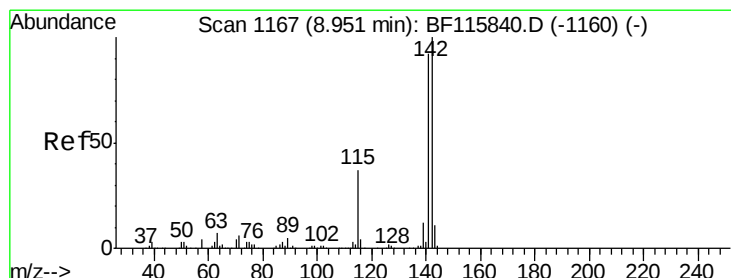
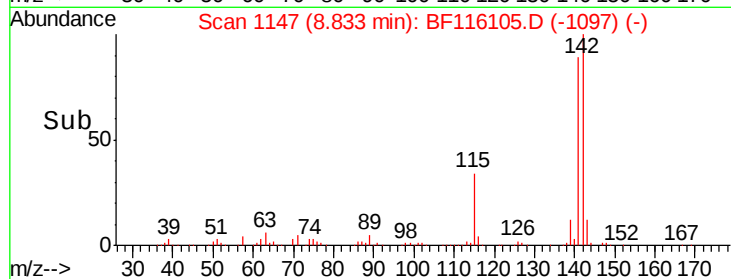
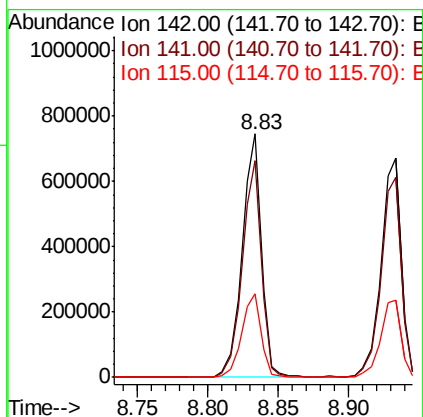
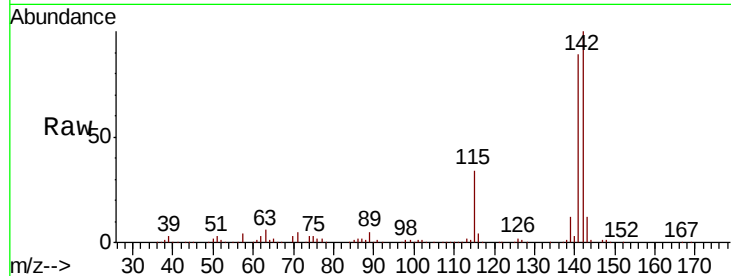
#37
2-Methylnaphthalene
Concen: 42.589 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampled :
PB122075BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3
115	34.4	29.0	43.6

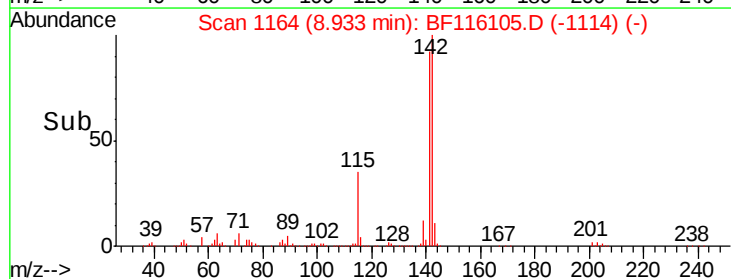
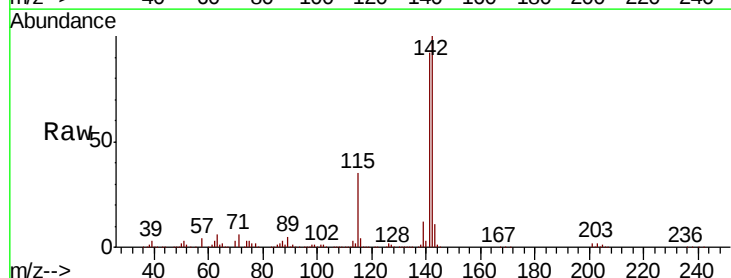
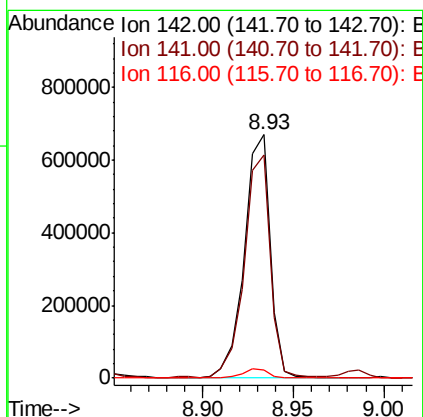
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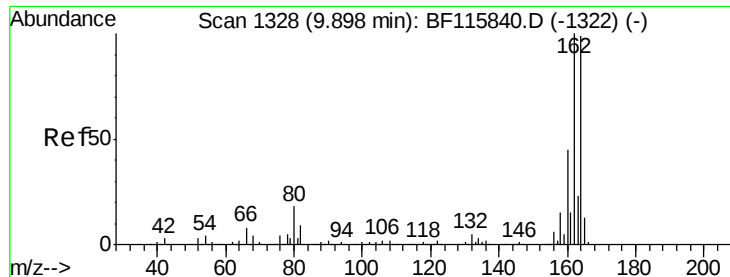
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#38
1-Methylnaphthalene
Concen: 42.300 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.4	111.6
116	3.6	3.1	4.7





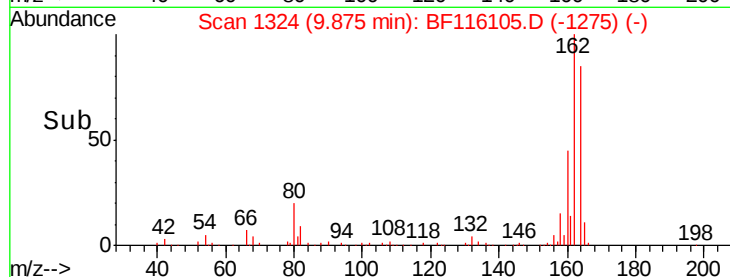
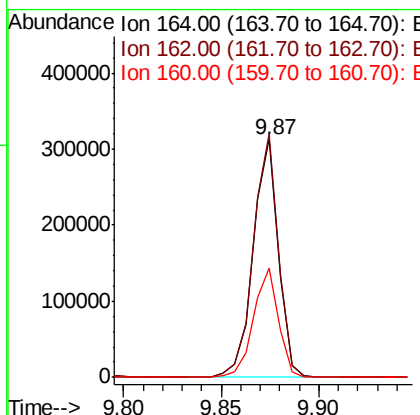
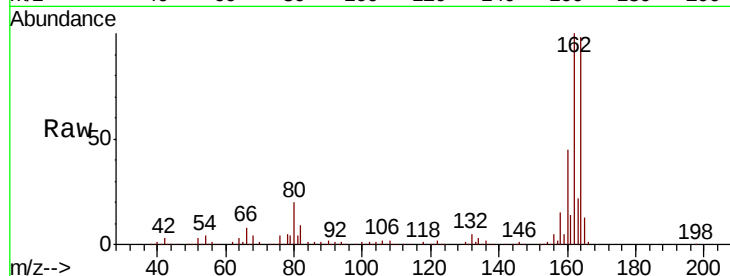
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	124.0
160	46.0	37.6	56.4

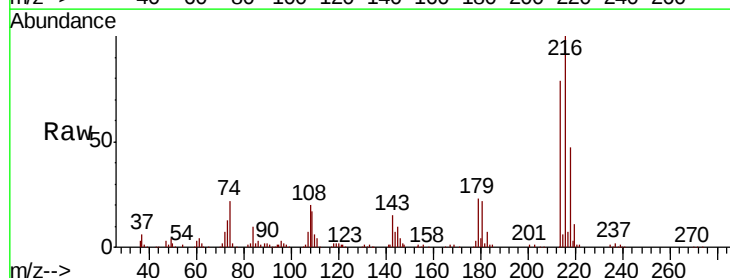
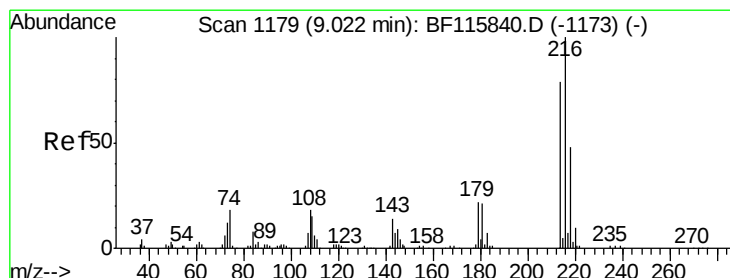
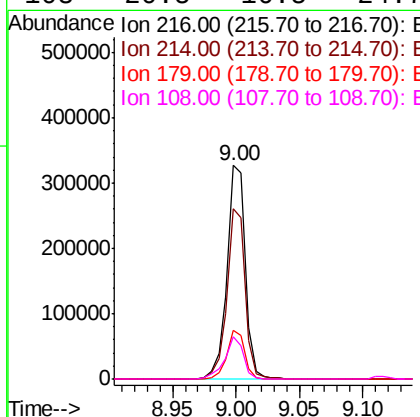
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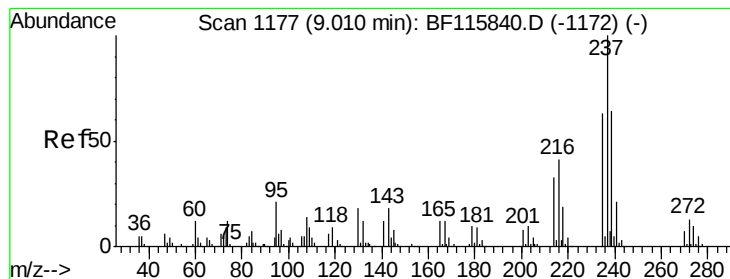
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.799 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.6	95.4
179	21.9	17.8	26.8
108	20.5	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 46.669 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

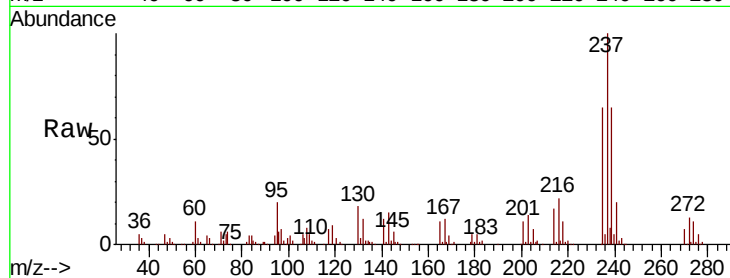
ClientSampleId :

PB122075BS

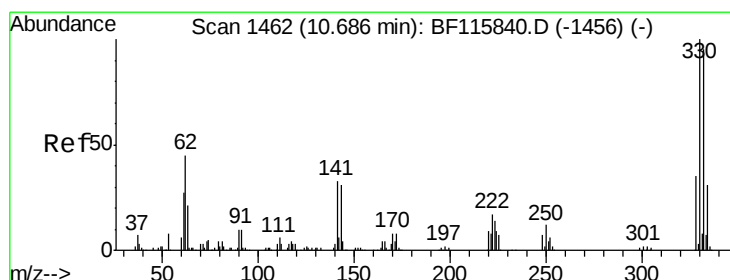
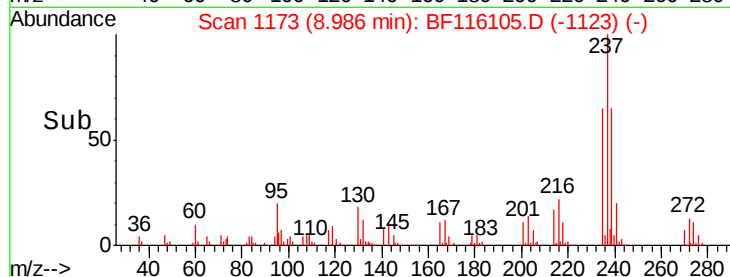
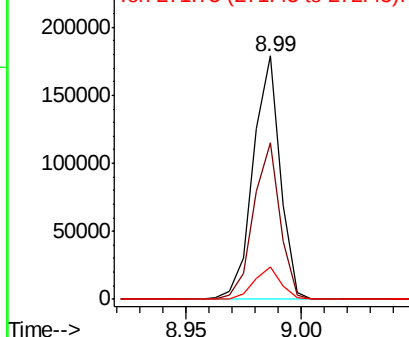
Tot Ion:	237	Resp:	146867
Ion Ratio	Lower	Upper	
237	100		
235	64.5	43.4	83.4
272	13.3	0.0	33.2

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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: 112.734 ng

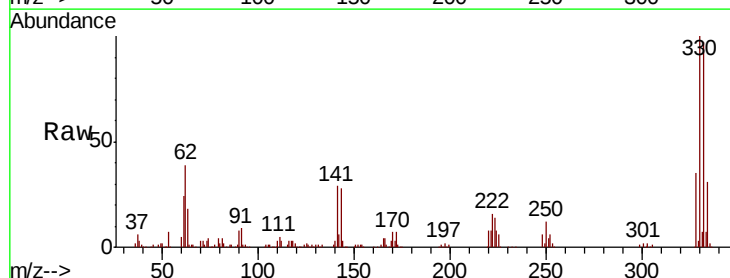
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

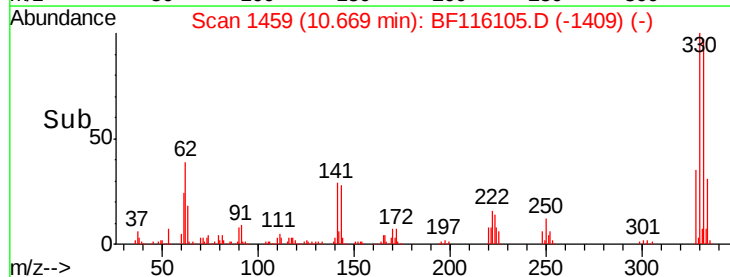
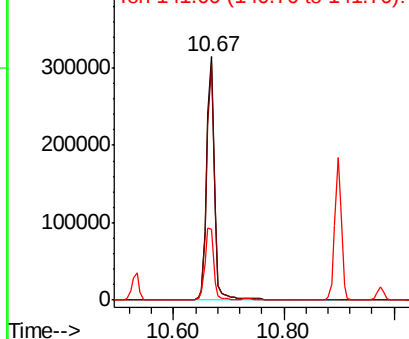
Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	330	Resp:	303951
Ion Ratio	Lower	Upper	
330	100		
332	94.3	76.8	115.2
141	32.5	26.3	39.5



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





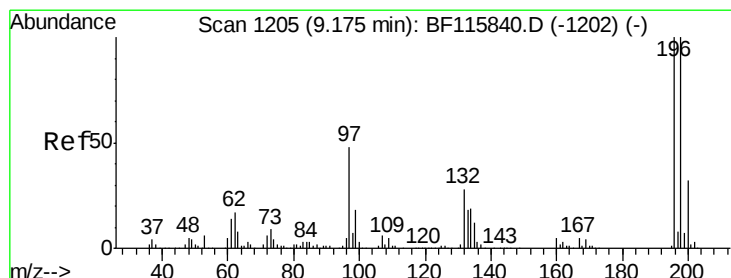
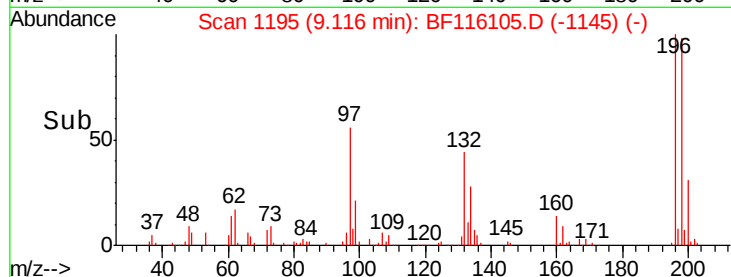
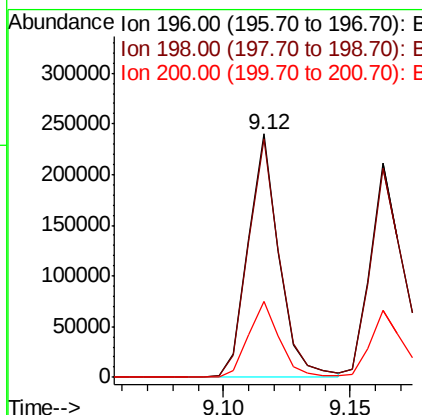
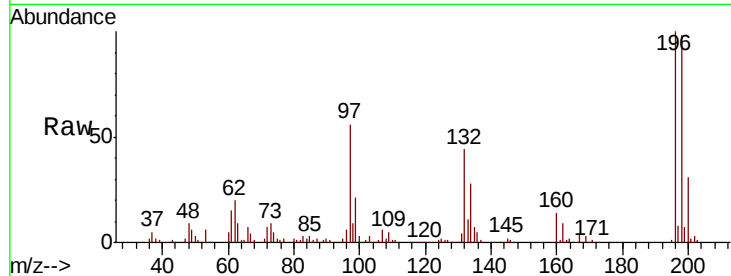
#43
 2,4,6-Trichlorophenol
 Concen: 39.959 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Tot Ion:	196	Resp:	204481
Ion Ratio	Lower	Upper	
196	100		
198	97.8	79.2	118.8
200	31.1	25.2	37.8

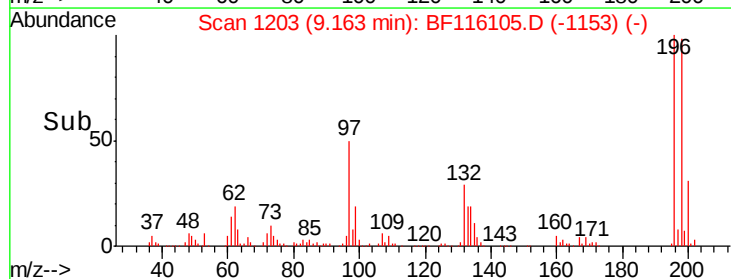
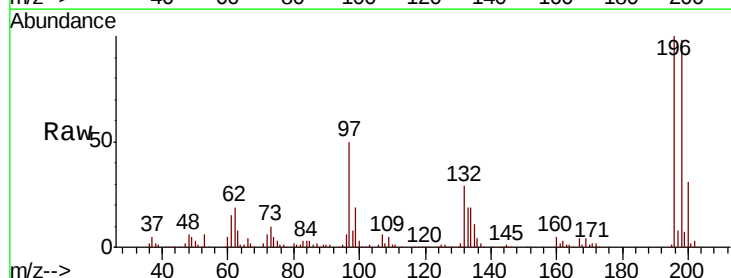
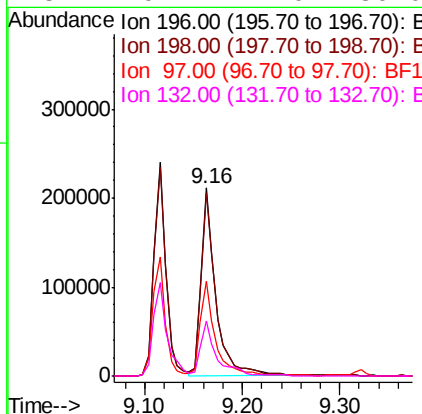
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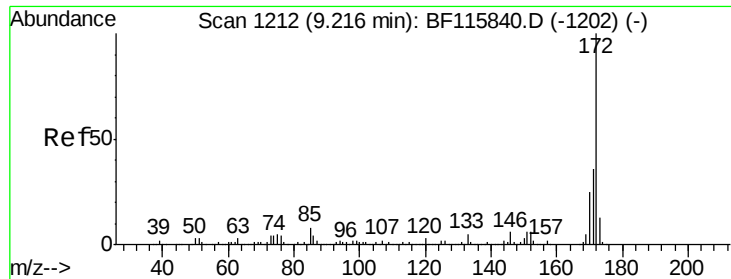
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#44
 2,4,5-Trichlorophenol
 Concen: 41.689 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:	196	Resp:	220525
Ion Ratio	Lower	Upper	
196	100		
198	97.5	78.8	118.2
97	50.2	42.2	63.4
132	29.2	24.0	36.0





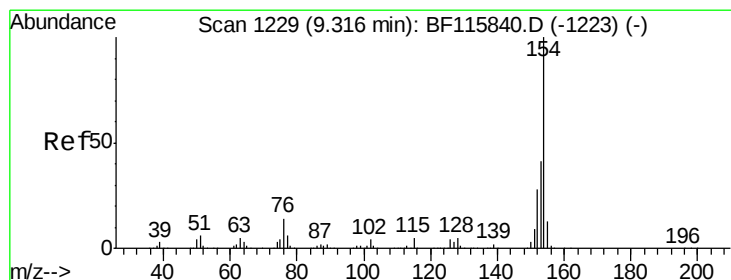
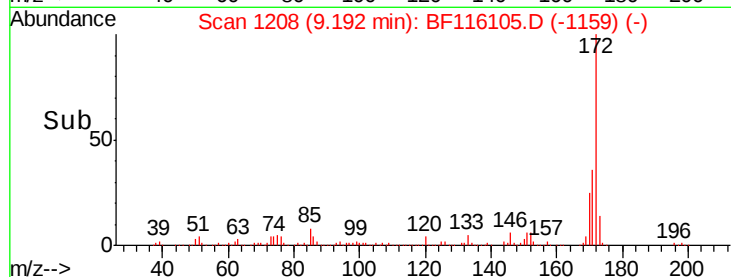
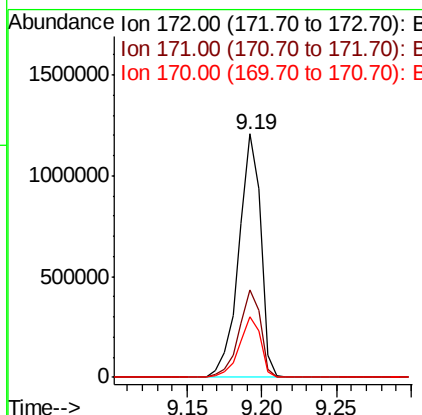
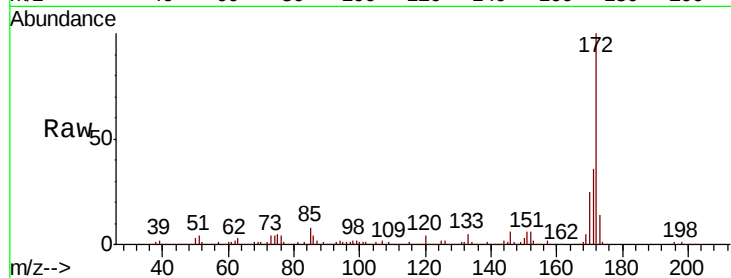
#45
2-Fluorobiphenyl
Concen: 83.376 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.9	20.1	30.1

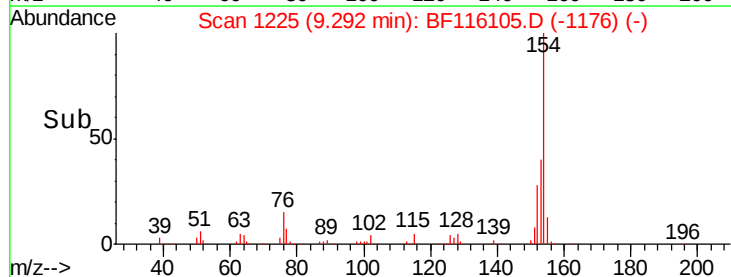
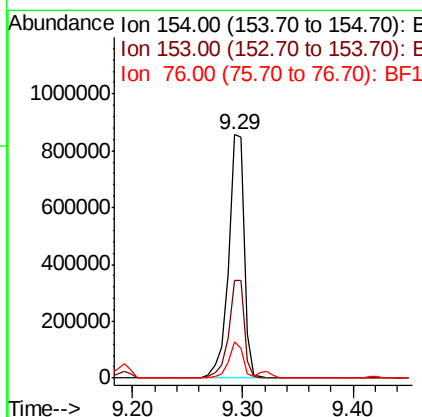
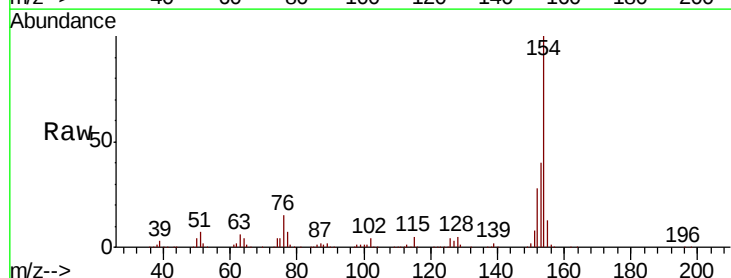
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#46
1,1'-Biphenyl
Concen: 43.502 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.4	61.4
76	14.8	0.0	35.2





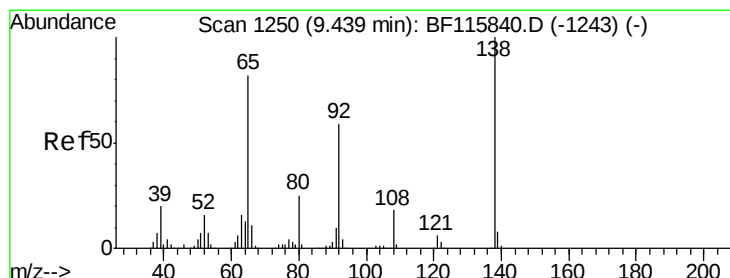
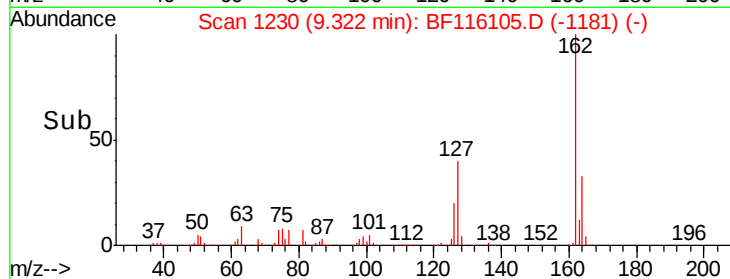
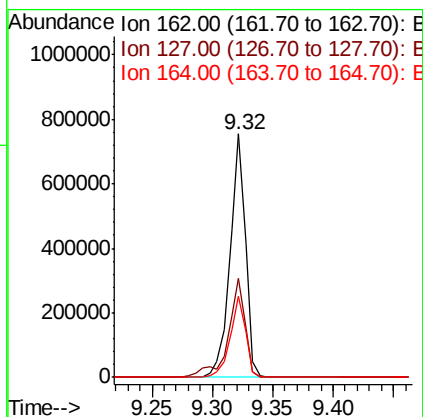
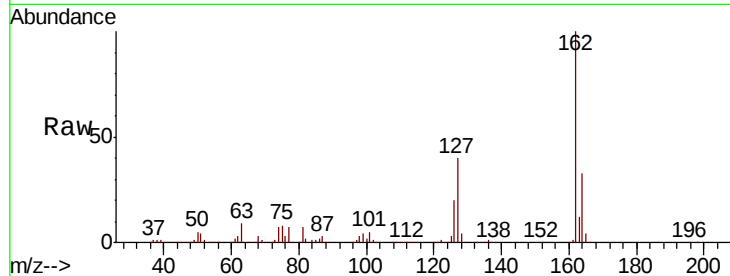
#47
 2-Chloronaphthalene
 Concen: 41.158 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	672541		
127	40.4		32.8	49.2
164	33.0		26.6	39.8

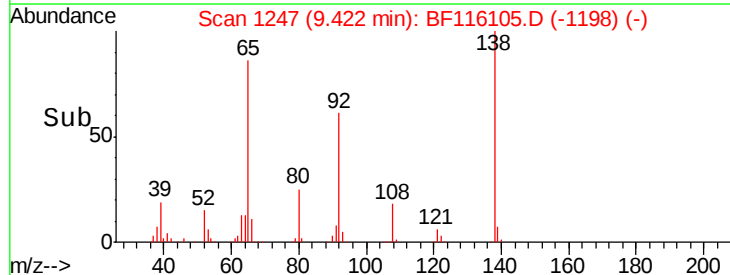
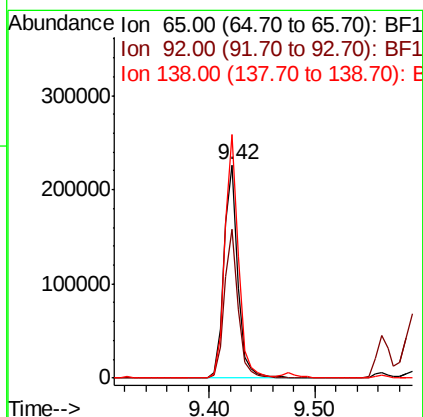
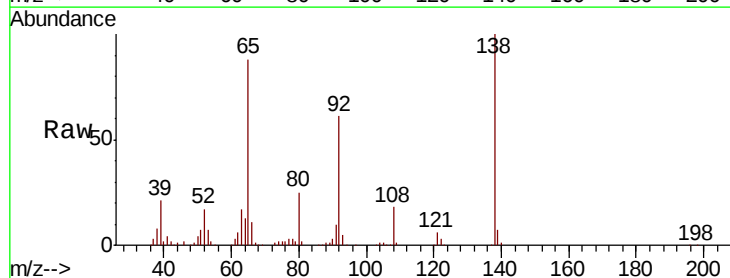
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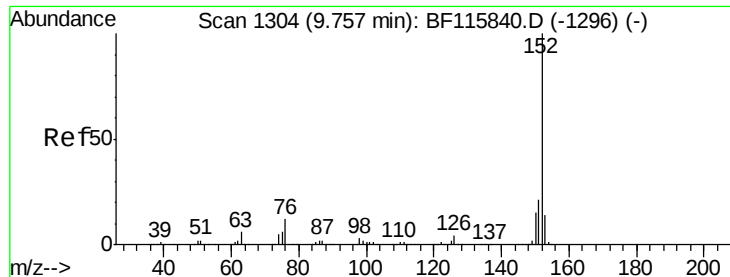
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#48
 2-Nitroaniline
 Concen: 38.864 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	209914		
92	70.0		57.8	86.8
138	114.1		94.0	141.0





#49

Acenaphthylene

Concen: 42.246 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

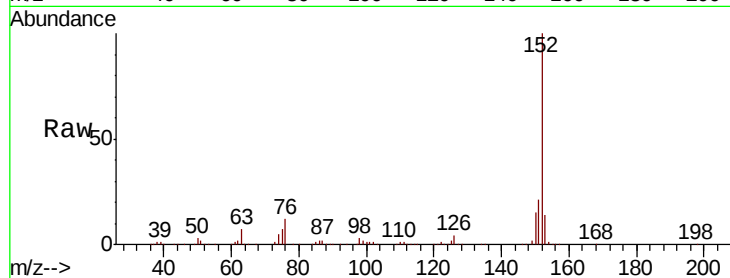
ClientSampleId :

PB122075BS

Tot Ion:	152	Resp:	1007111
Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.2	25.8
153	14.4	11.8	17.8

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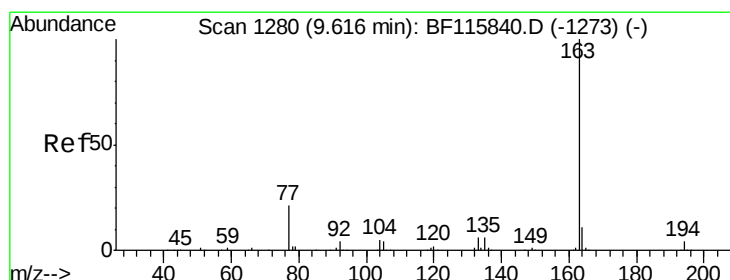
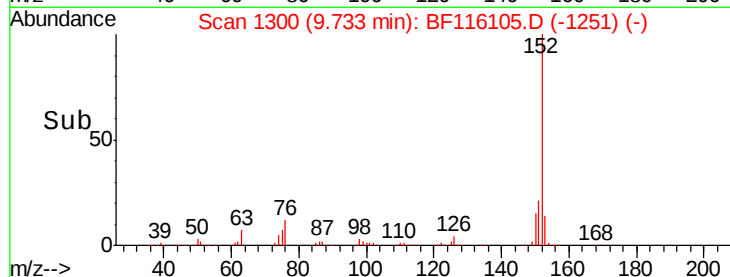
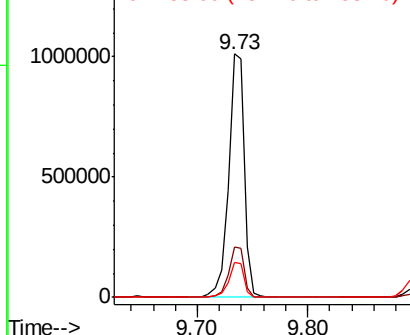


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.029 ng

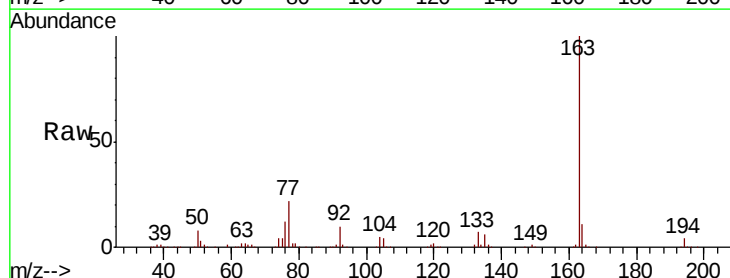
RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	163	Resp:	776876
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	8.4	12.6

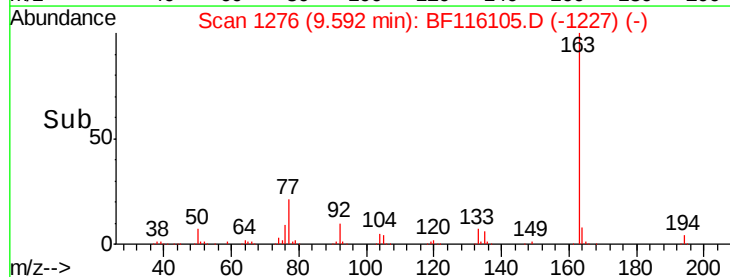
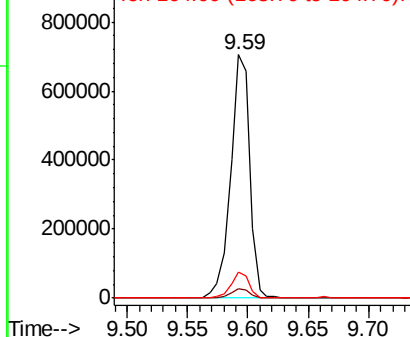


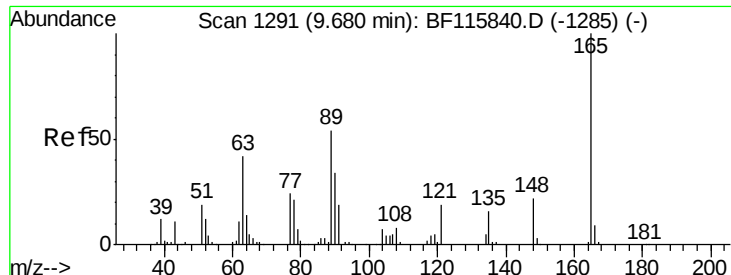
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.228 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

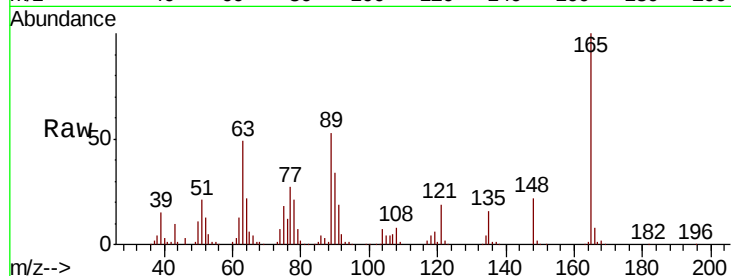
ClientSampled :

PB122075BS

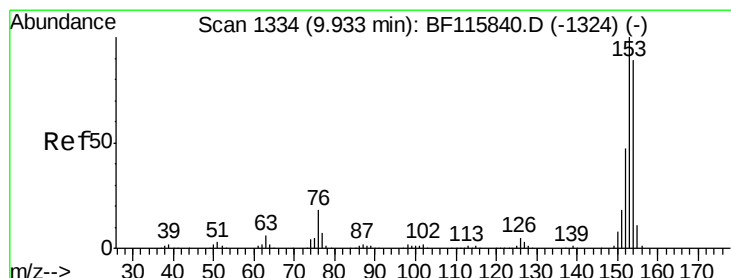
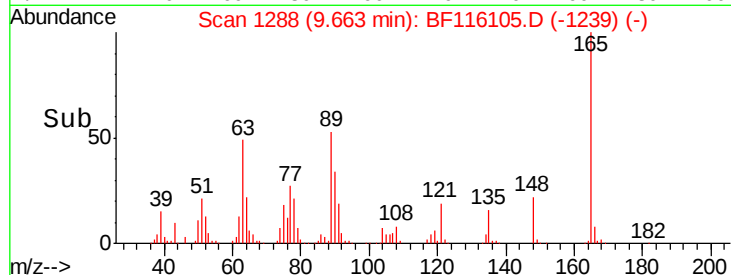
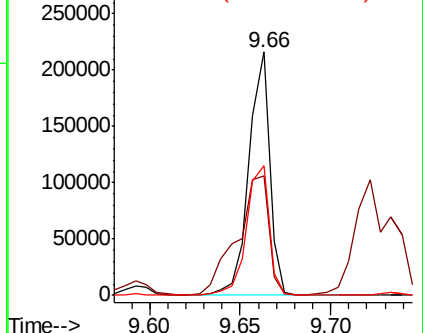
Tot Ion:	165	Resp:	173764
Ion Ratio	Lower	Upper	
165	100		
63	49.3	38.2	57.2
89	53.3	42.9	64.3

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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: 41.523 ng

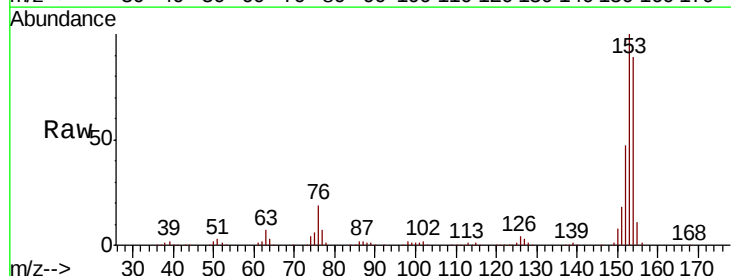
RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

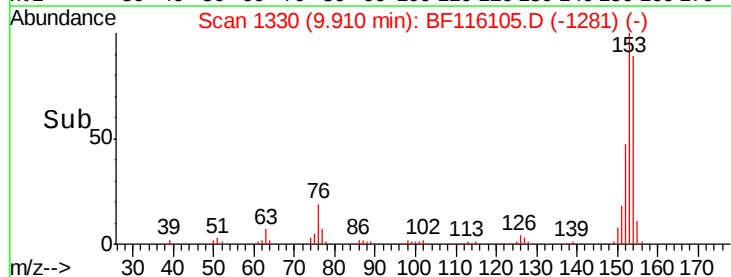
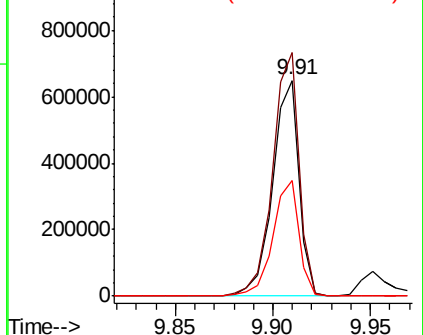
Lab File: BF116105.D

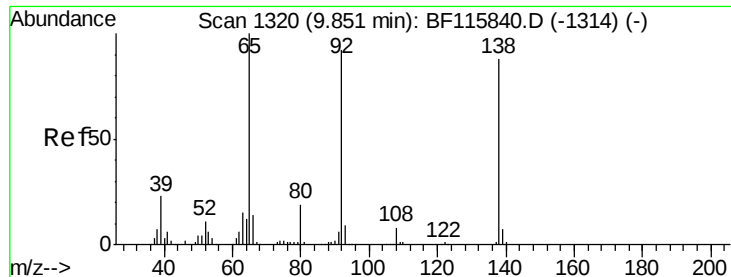
Acq: 9 Aug 2019 11:30

Tgt Ion:	154	Resp:	607277
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.4	134.0
152	53.3	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





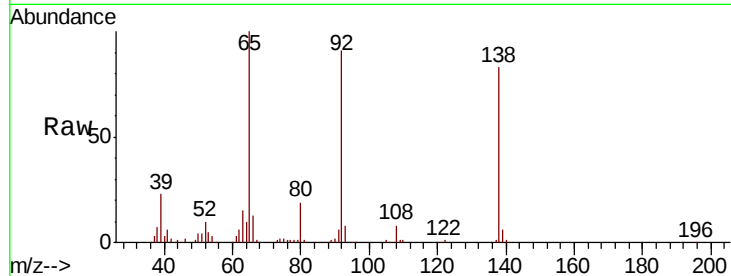
#53
3-Nitroaniline
Concen: 26.498 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.0	8.0	12.0	
92	109.9	91.0	136.6	

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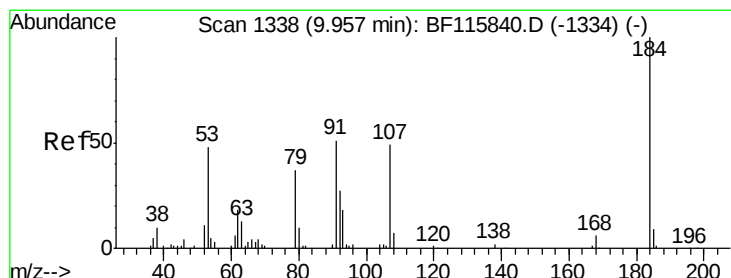
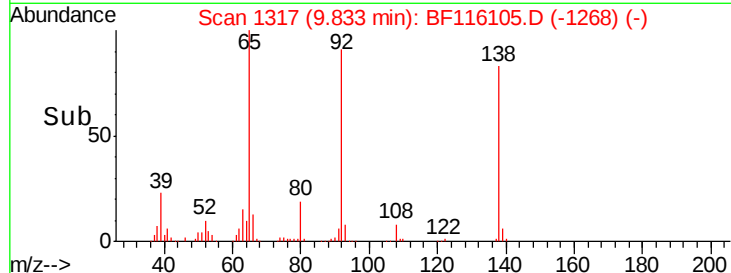
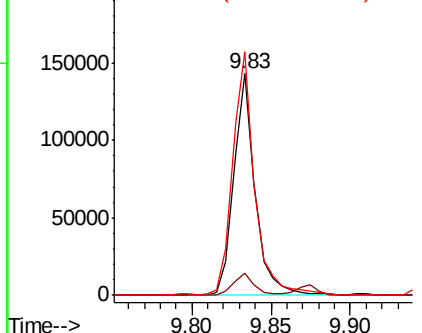


Abundance

Ion 138.00 (137.70 to 138.70): E

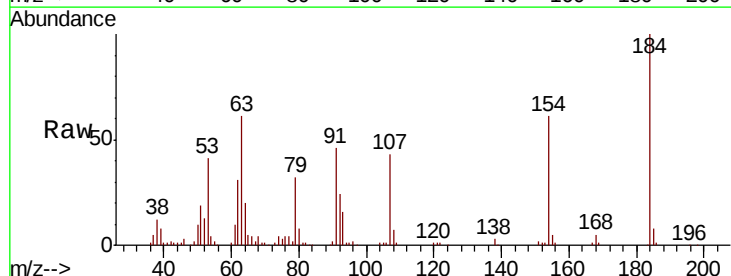
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 67.084 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.3	53.0	79.4	
154	61.4	50.1	75.1	

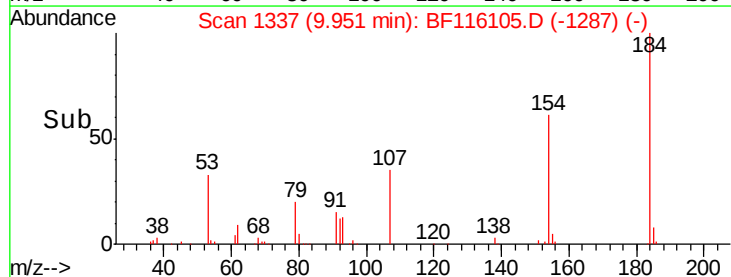
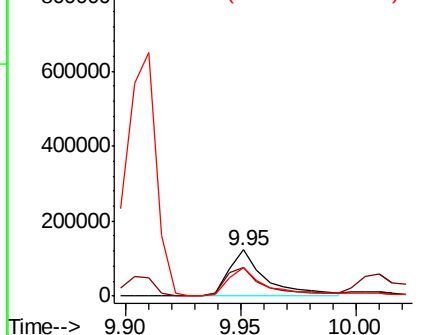


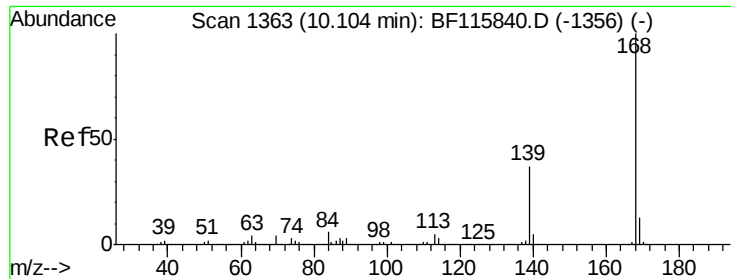
Abundance

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





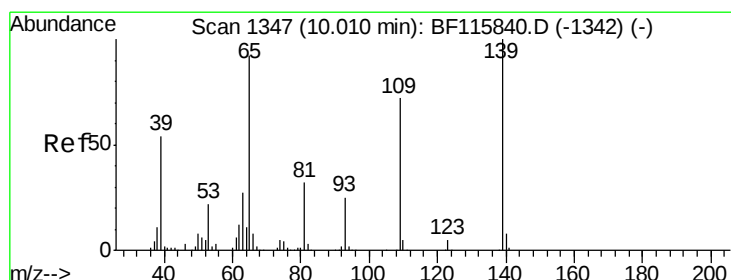
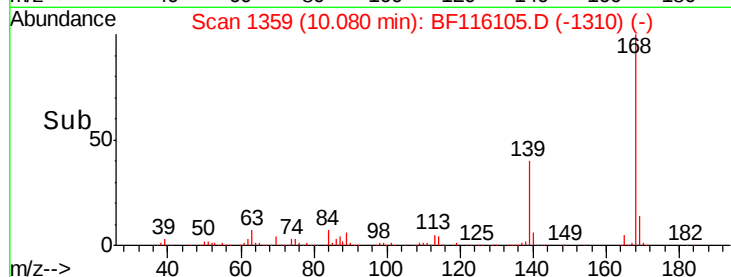
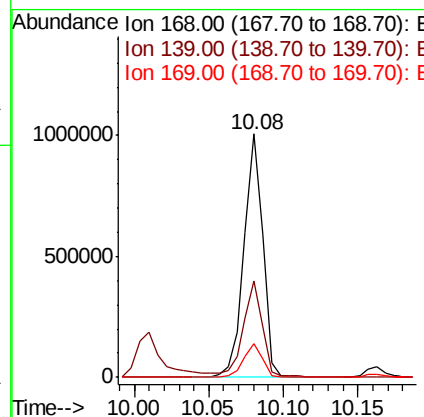
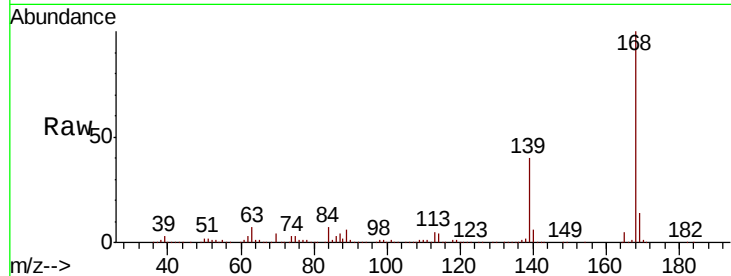
#55
Dibenzenofuran
Concen: 41.798 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampled :
PB122075BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	888982		
139	39.7		31.4	47.2
169	13.9		10.9	16.3

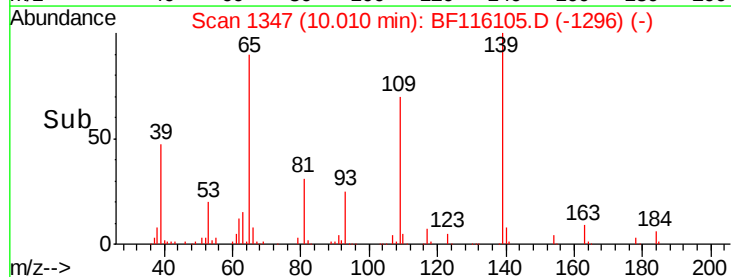
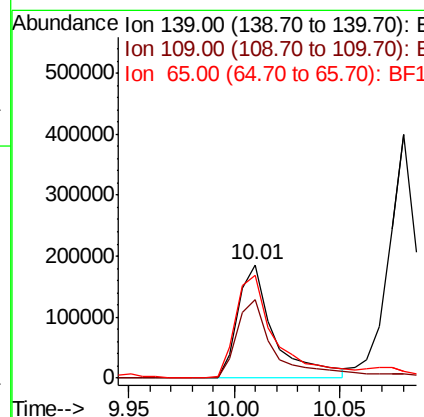
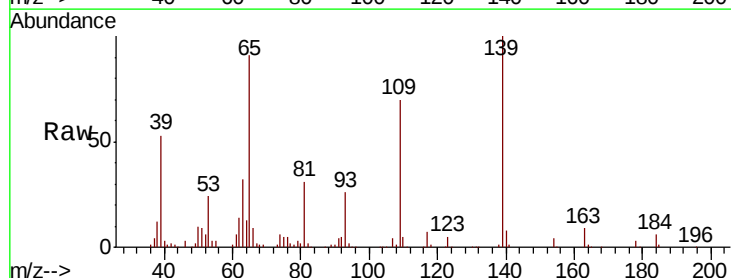
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#56
4-Nitrophenol
Concen: 67.781 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	220770		
109	69.9		54.4	94.4
65	90.9		80.6	120.6





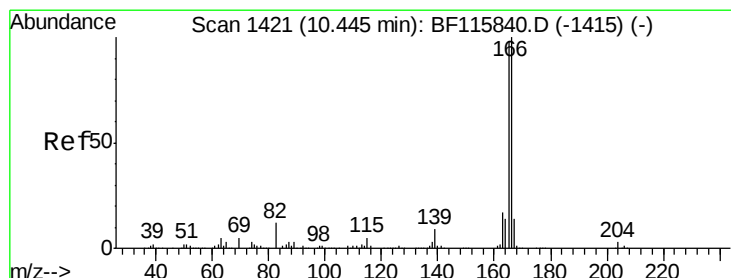
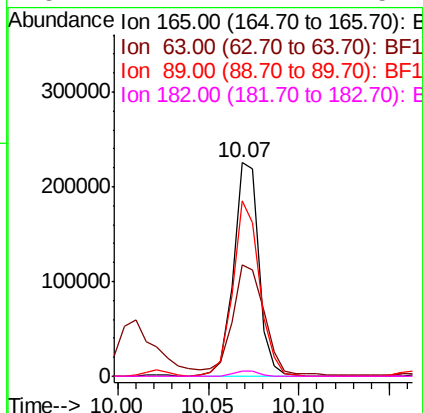
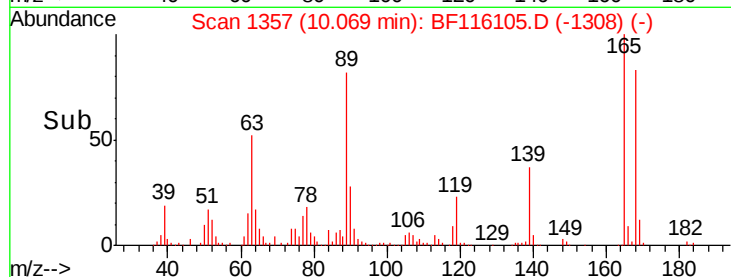
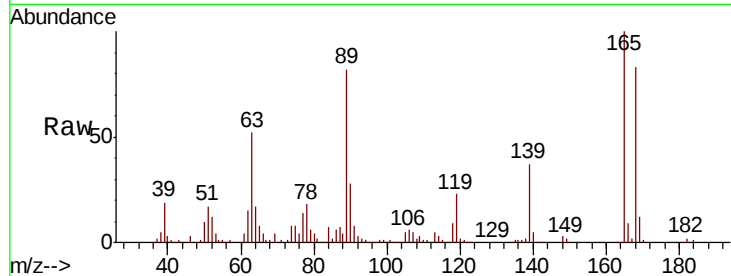
#57
2,4-Dinitrotoluene
Concen: 40.034 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.1	39.6	59.4
89	82.2	62.2	93.2
182	2.4	2.1	3.1

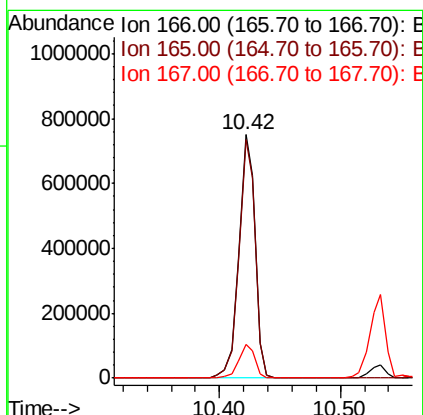
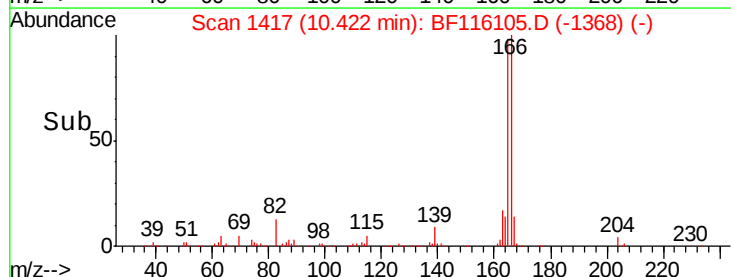
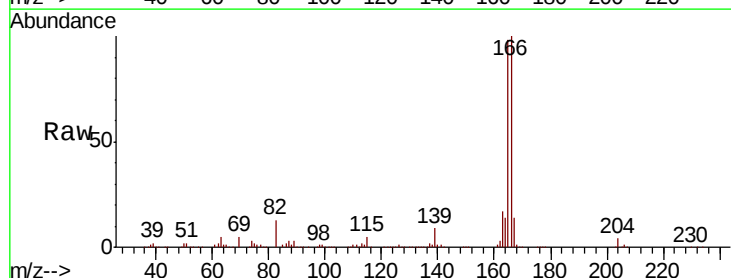
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#58
Fluorene
Concen: 42.913 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.0	78.4	117.6
167	13.7	11.0	16.4





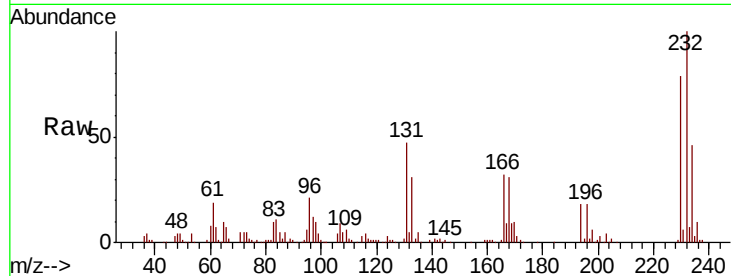
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.233 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	36.2	54.2
130	2.2	1.9	2.9
166	29.1	23.0	34.4

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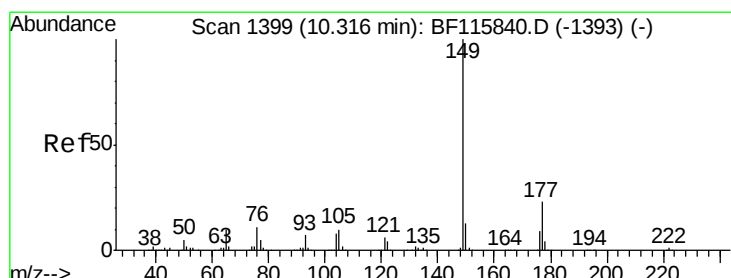
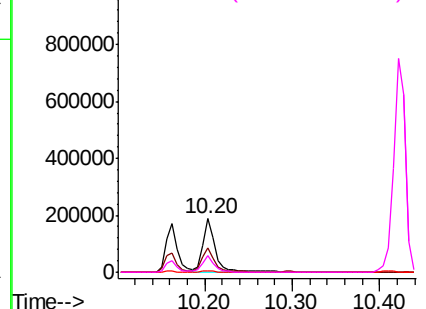
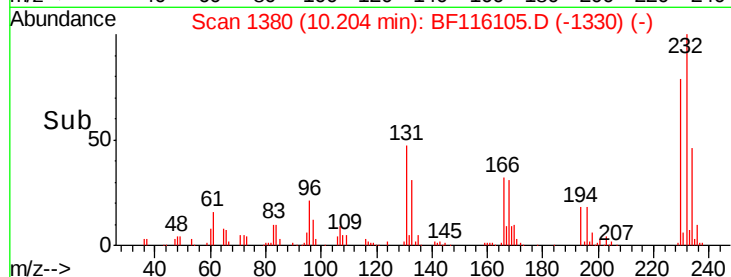
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

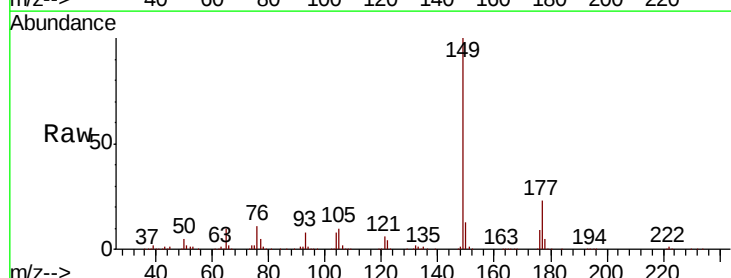
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.535 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.8	28.2
150	12.9	10.2	15.4

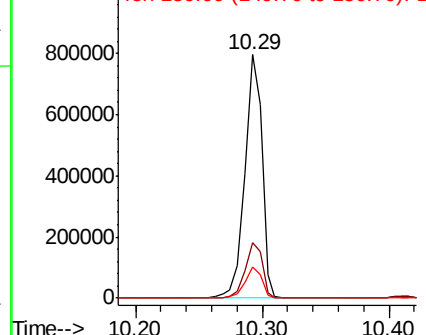
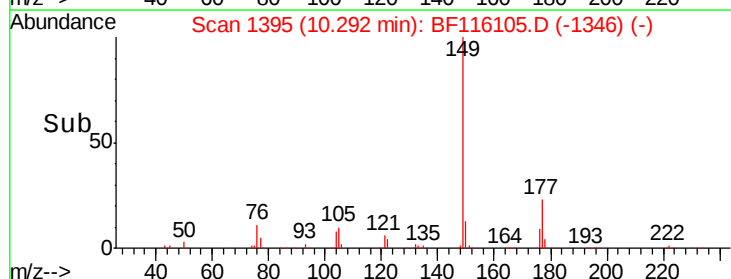


Abundance

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





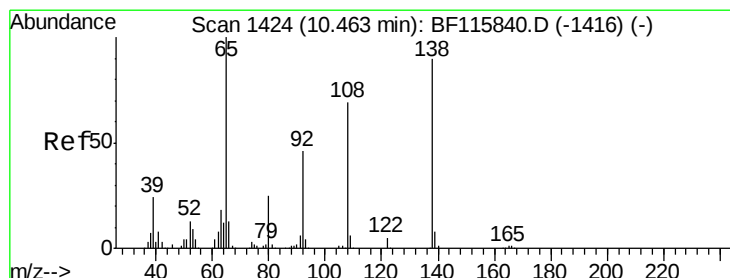
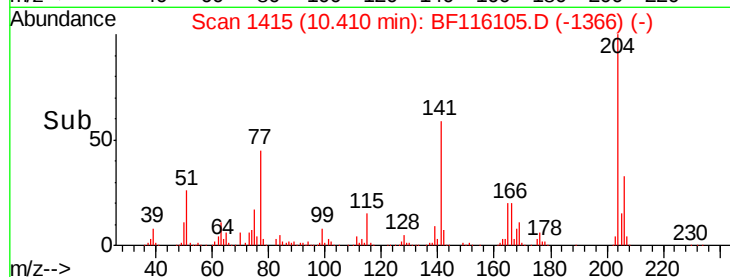
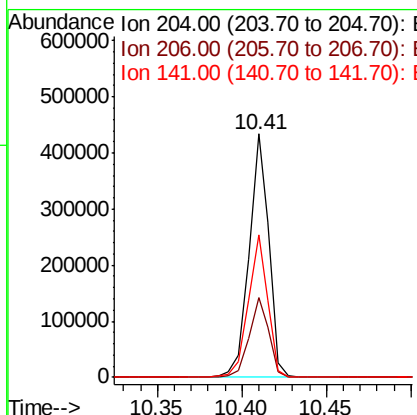
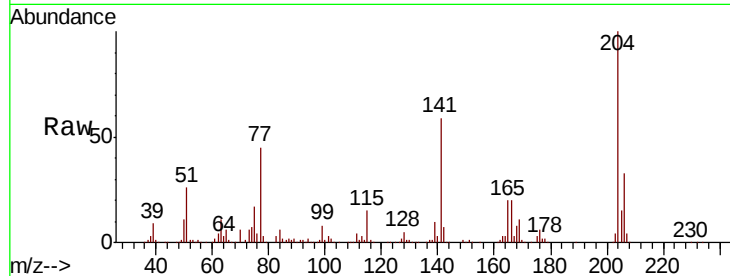
#61
 4-Chlorophenyl-phenylether
 Concen: 42.800 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampled :
 PB122075BS

Tot Ion:	204	Resp:	354700
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.4	39.6
141	58.6	46.4	69.6

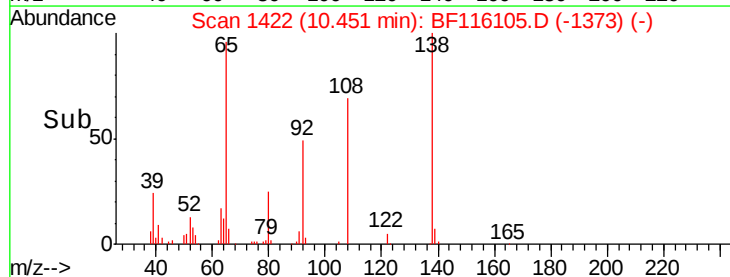
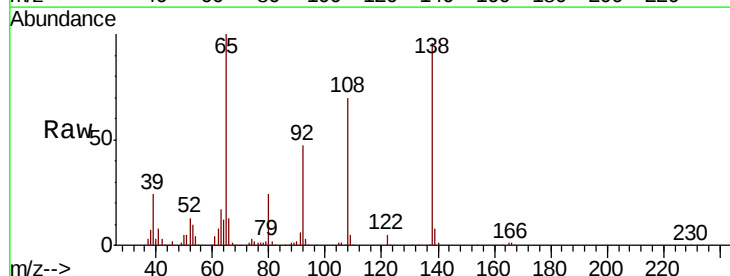
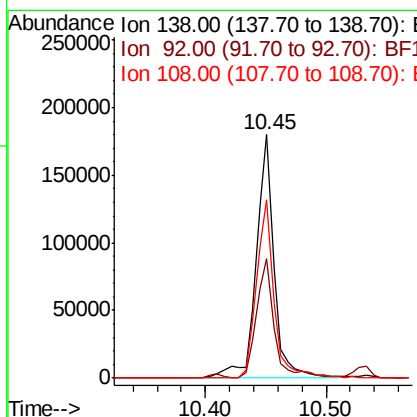
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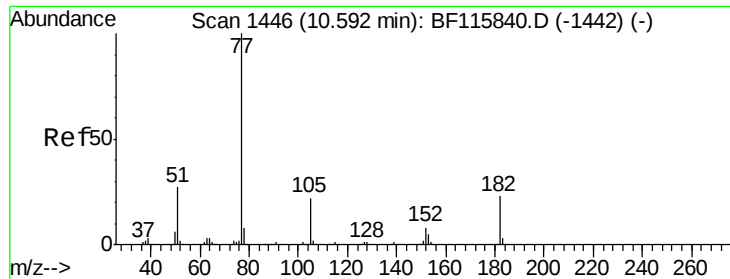
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#62
 4-Nitroaniline
 Concen: 35.696 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:	138	Resp:	187566
Ion Ratio	Lower	Upper	
138	100		
92	49.2	29.0	69.0
108	73.0	54.7	94.7





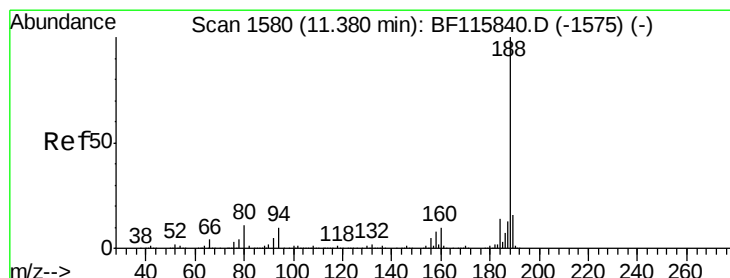
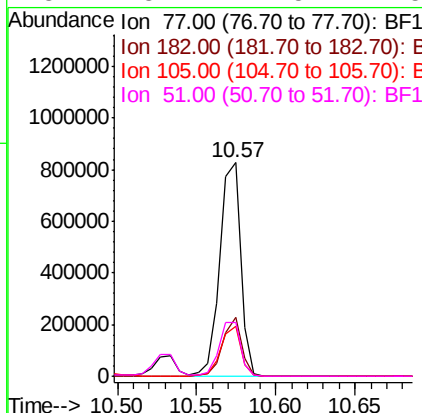
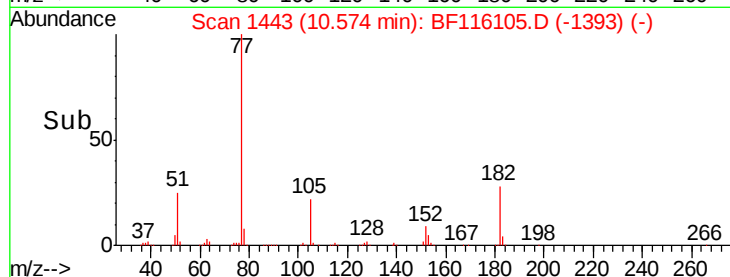
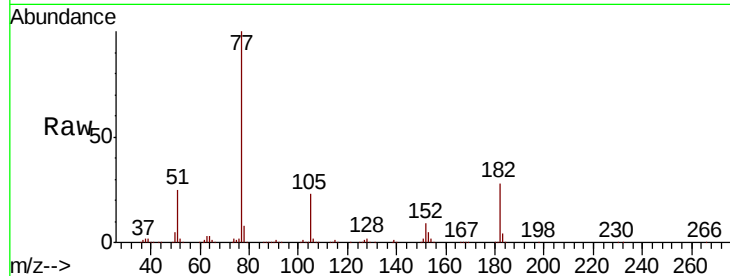
#63
Azobenzene
Concen: 41.919 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.5	4.0	44.0		
105	23.4	2.0	42.0		
51	25.4	7.5	47.5		

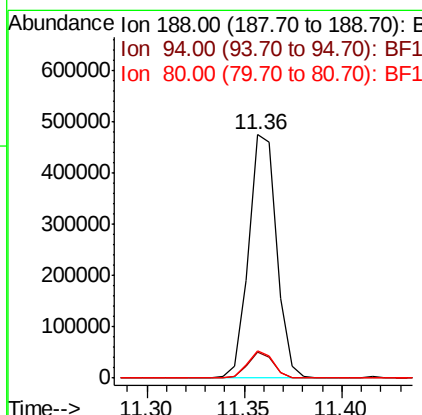
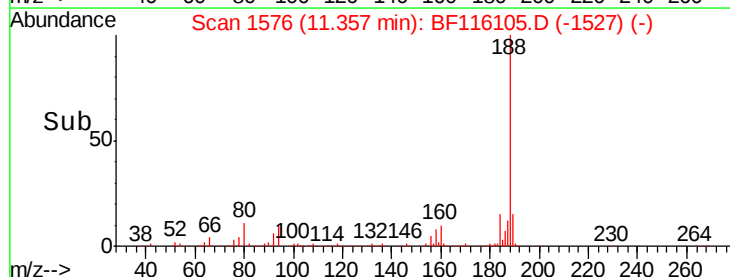
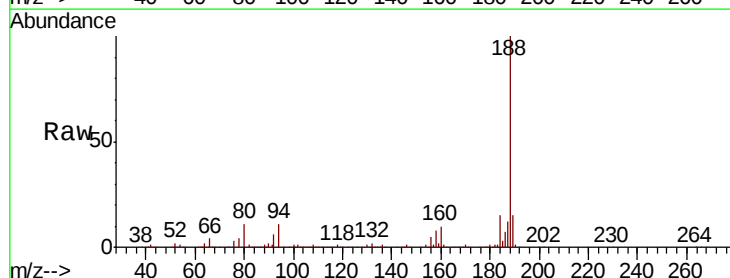
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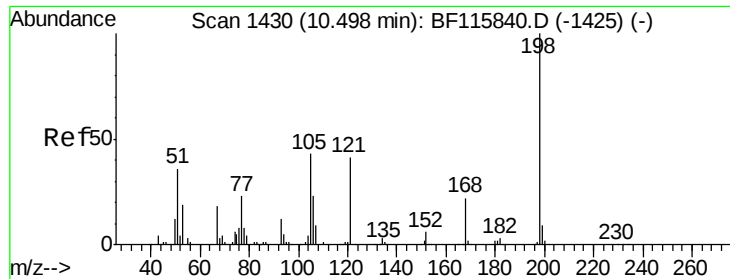
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.5	8.1	12.1		
80	11.4	8.7	13.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 43.588 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

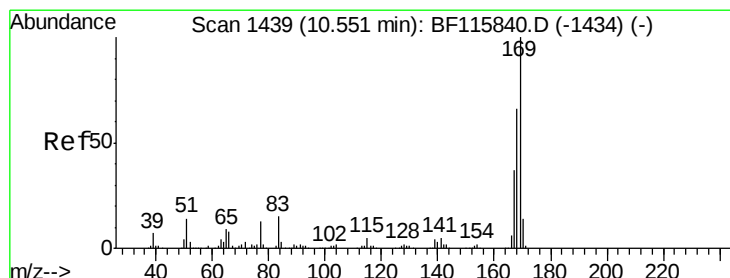
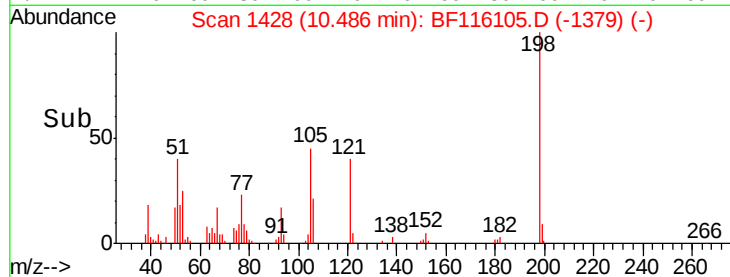
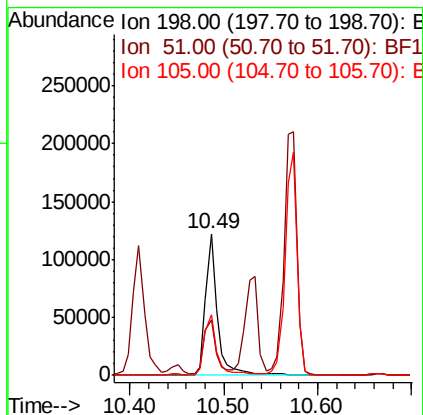
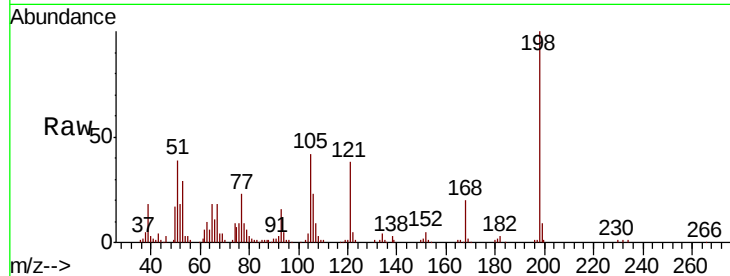
ClientSampled :

PB122075BS

Tot Ion:	198	Resp:	109565
Ion Ratio	Lower	Upper	
198	100		
51	38.9	17.0	57.0
105	42.5	21.6	61.6

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#66

n-Nitrosodiphenylamine

Concen: 43.151 ng

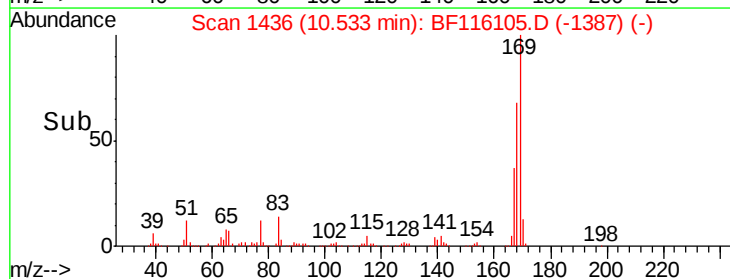
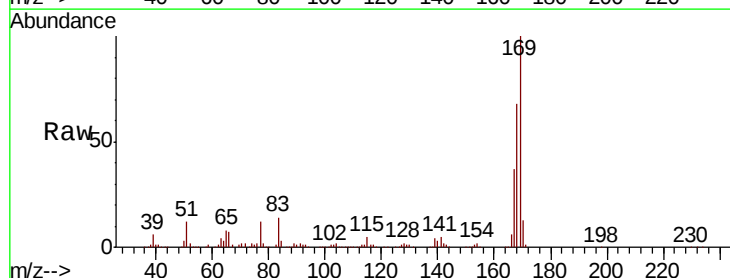
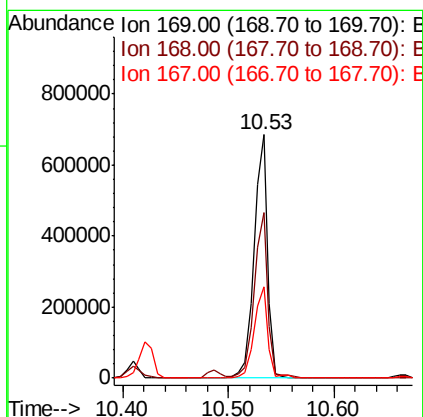
RT: 10.53 min Scan# 1436

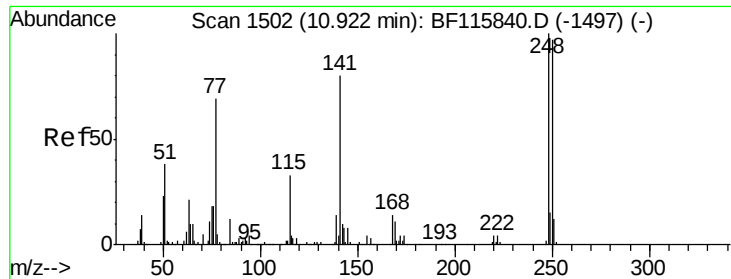
Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	169	Resp:	616070
Ion Ratio	Lower	Upper	
169	100		
168	67.9	53.8	80.6
167	37.4	29.6	44.4





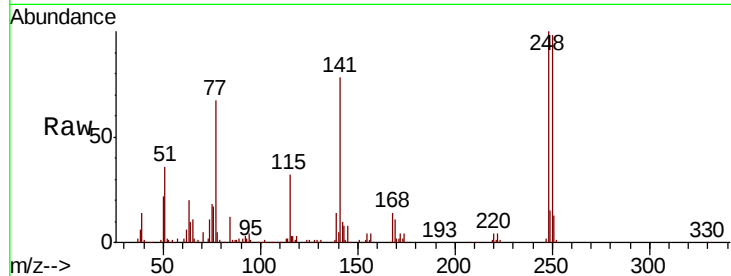
#67
 4-Bromophenyl-phenylether
 Concen: 42.251 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

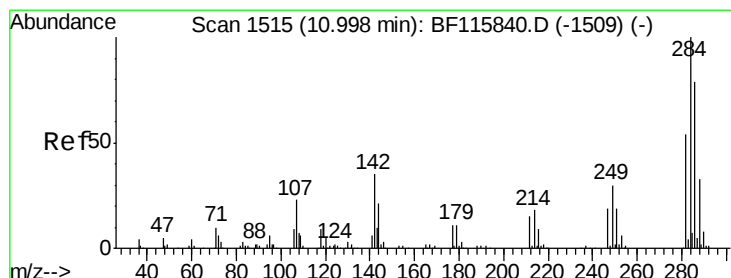
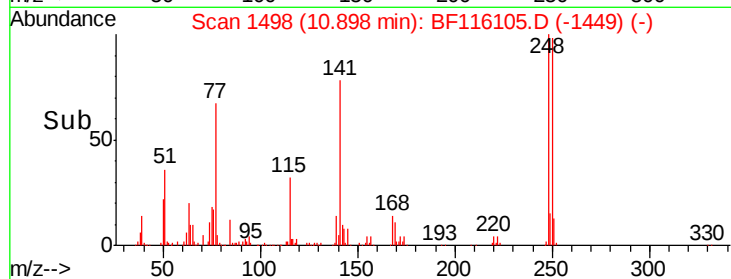
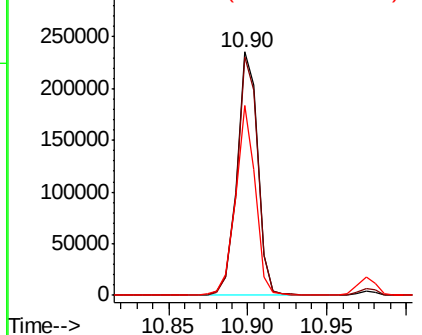
Tot Ion:	248	Resp:	214539
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.4	116.2
141	78.0	56.8	85.2

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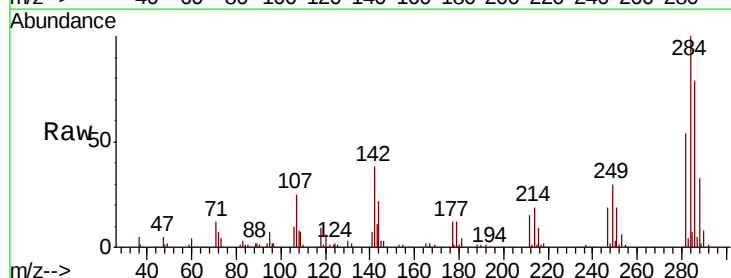


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

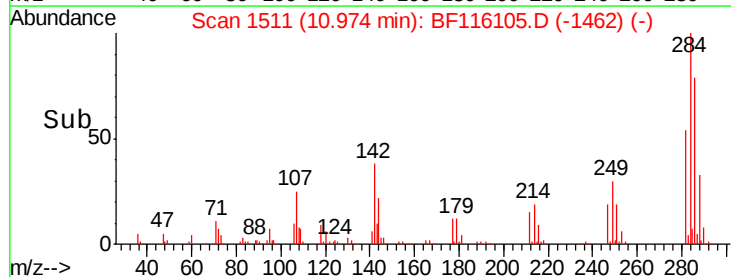
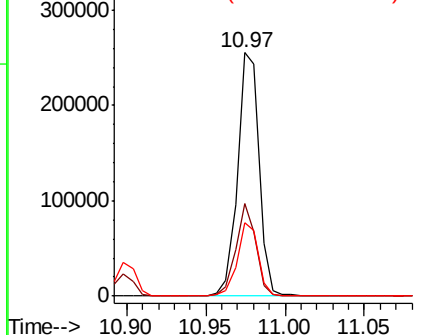


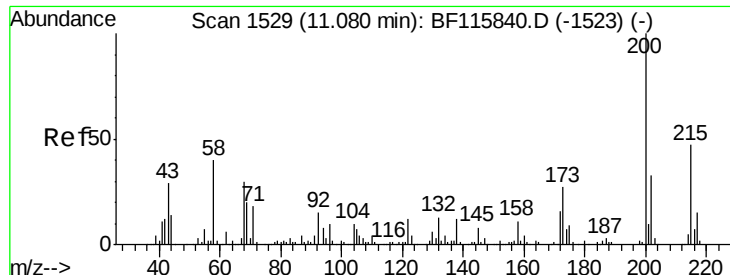
#68
 Hexachlorobenzene
 Concen: 41.017 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion:	284	Resp:	240834
Ion Ratio	Lower	Upper	
284	100		
142	38.0	28.4	42.6
249	30.3	24.5	36.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





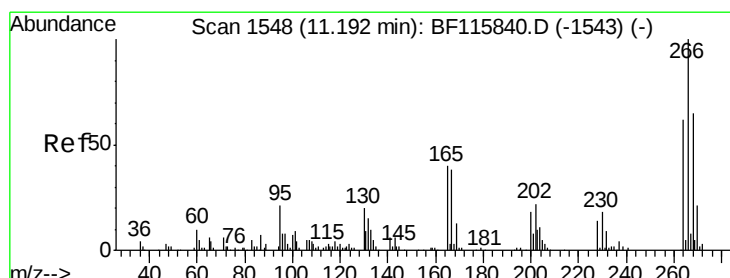
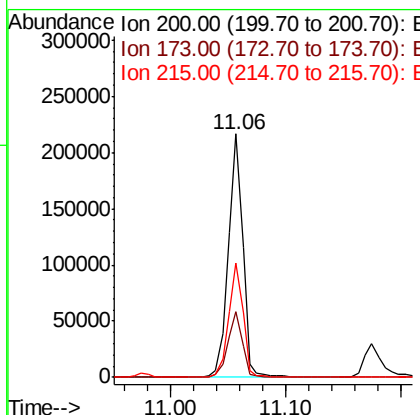
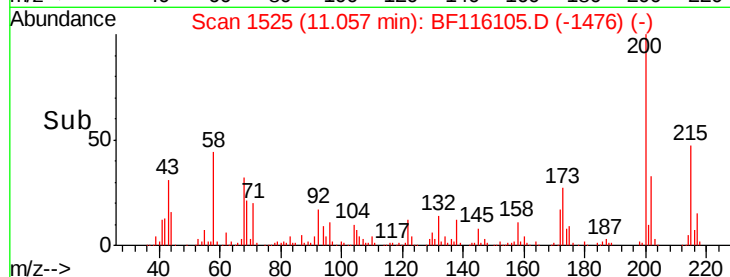
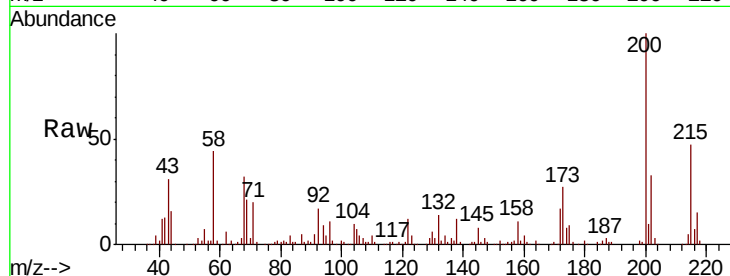
#69
Atrazine
Concen: 40.107 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	188377		
173	26.9	6.8	46.8	
215	47.1	27.5	67.5	

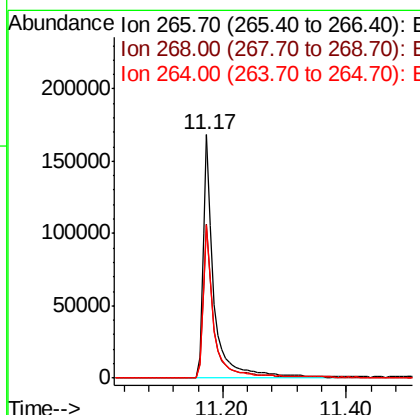
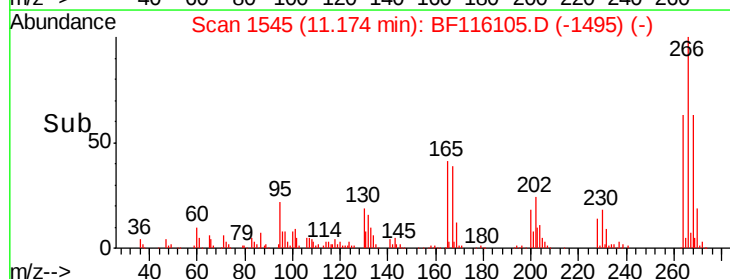
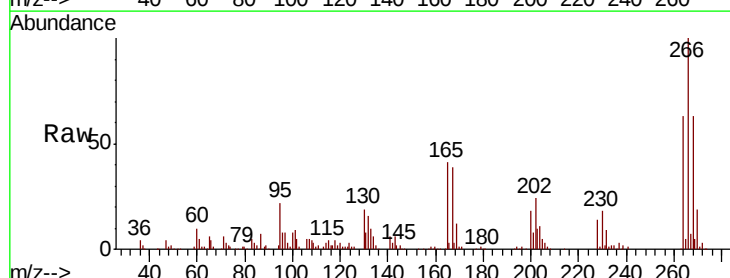
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#70
Pentachlorophenol
Concen: 74.604 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	212669		
268	63.2	48.8	73.2	
264	62.6	50.6	76.0	





#71

Phenanthrene

Concen: 42.053 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

PB122075BS

Tot Ion:178 Resp: 1019736

Ion Ratio Lower Upper

178 100

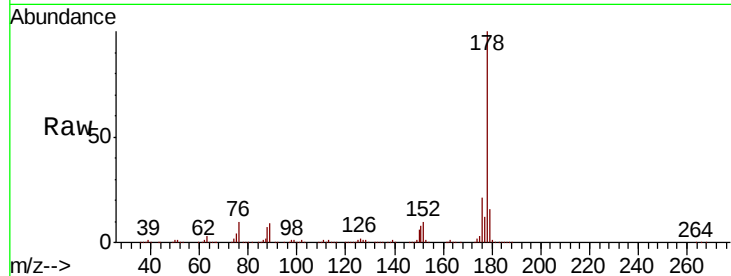
176 20.5 16.6 24.8

179 16.0 12.5 18.7

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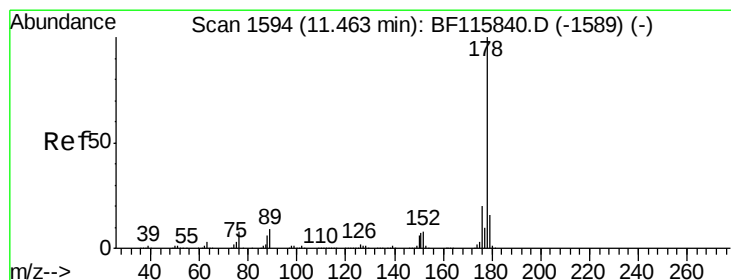
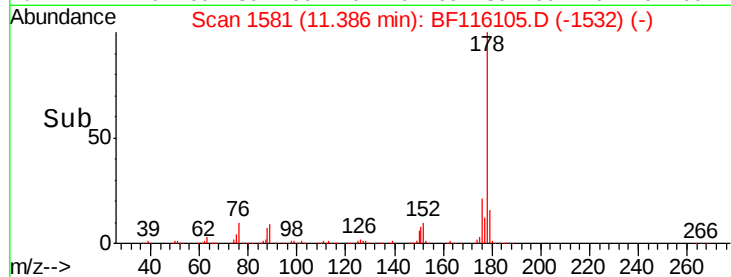
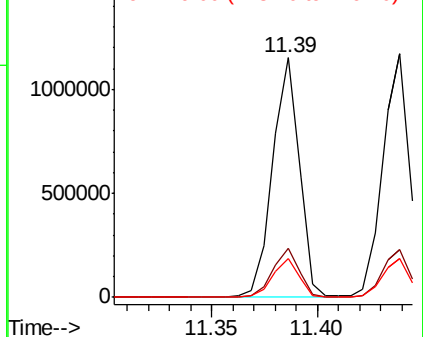


Abundance

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: 43.407 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:178 Resp: 1065250

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

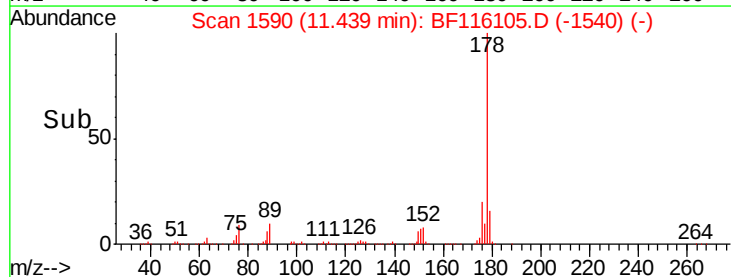
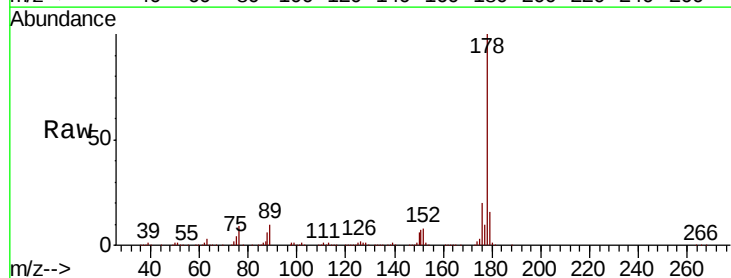
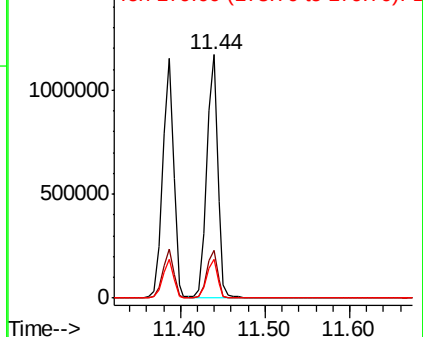
179 15.7 13.0 19.6

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





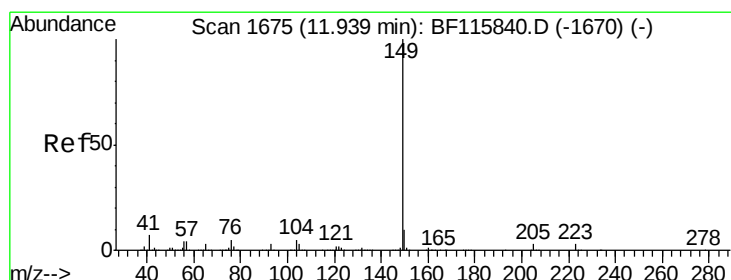
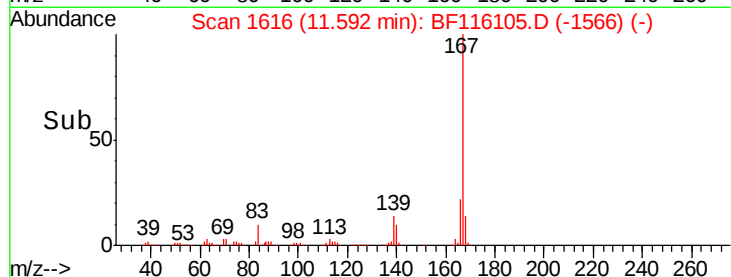
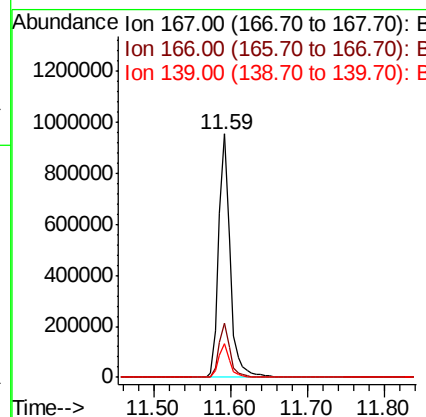
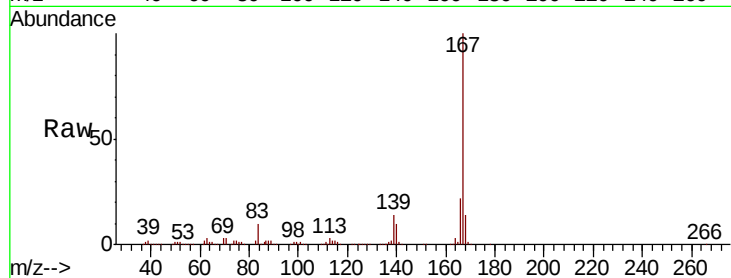
#73
 Carbazole
 Concen: 43.157 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.1	11.4	17.0

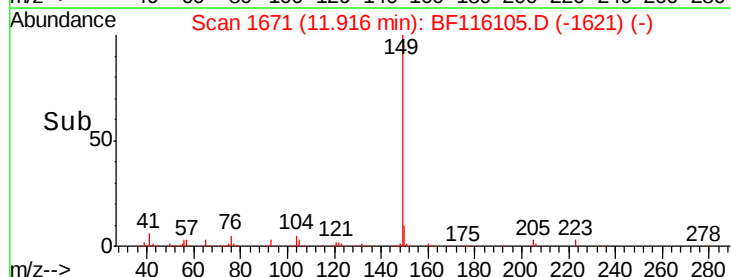
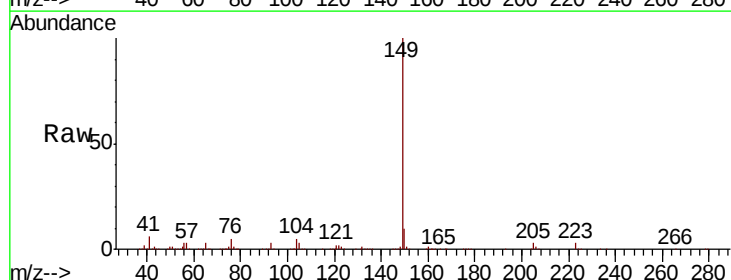
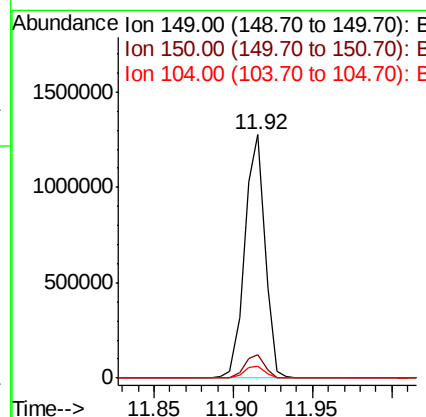
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#74
 Di-n-butylphthalate
 Concen: 43.507 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	4.9	4.5	6.7





#75

Fluoranthene

Concen: 42.271 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

ClientSampleId :

PB122075BS

Tot Ion:202 Resp: 1073094

Ion Ratio Lower Upper

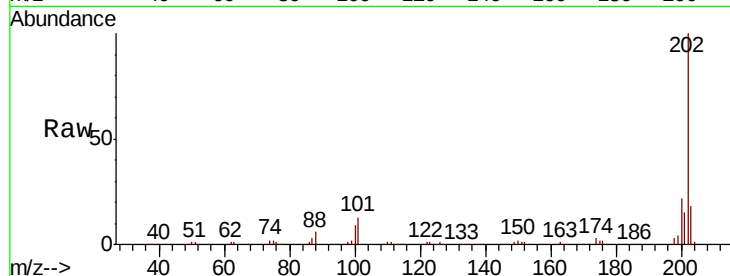
202 100

101 12.6 0.0 31.2

203 18.0 0.0 37.8

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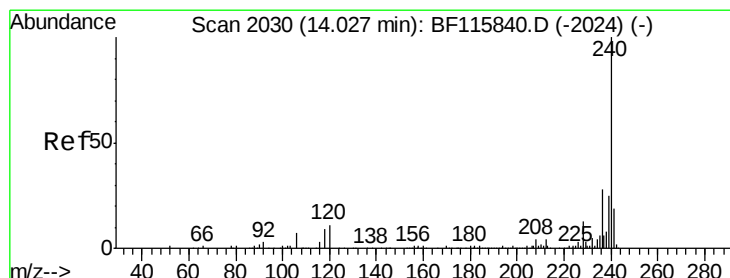
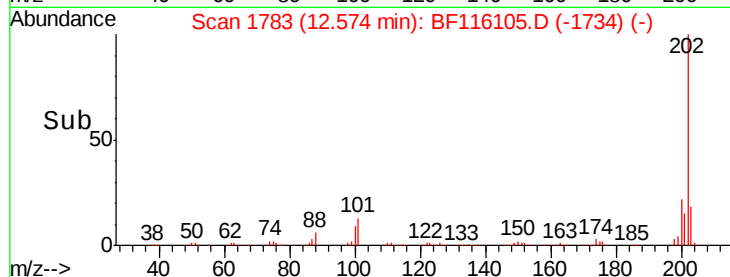
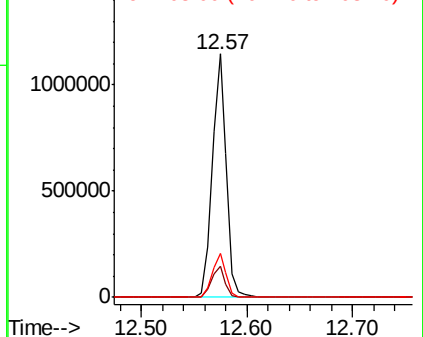


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

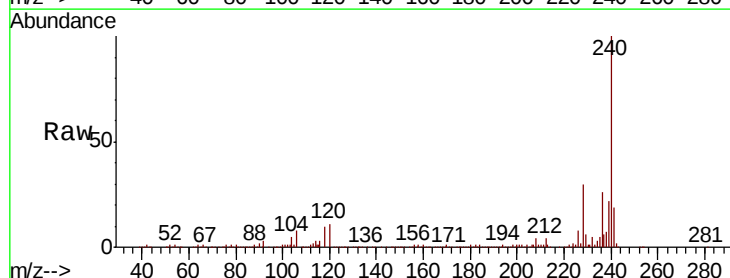
Tgt Ion:240 Resp: 329930

Ion Ratio Lower Upper

240 100

120 10.9 10.7 16.1

236 26.5 22.2 33.2

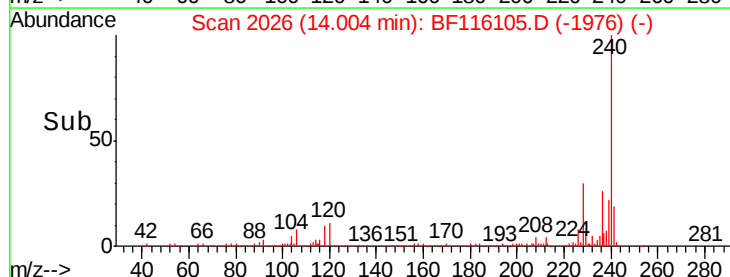
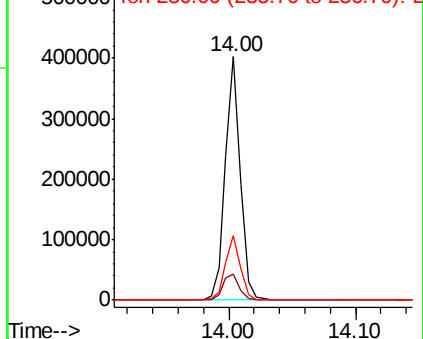


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.866 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Instrument :

BNA_F

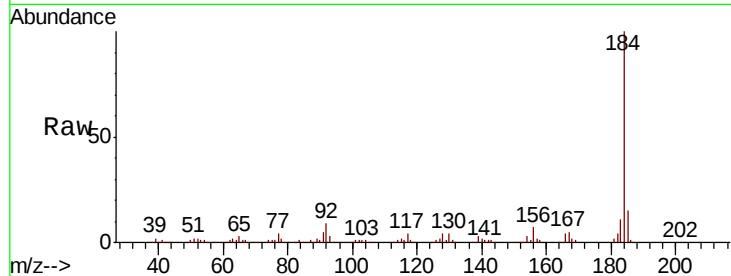
ClientSampleId :

PB122075BS

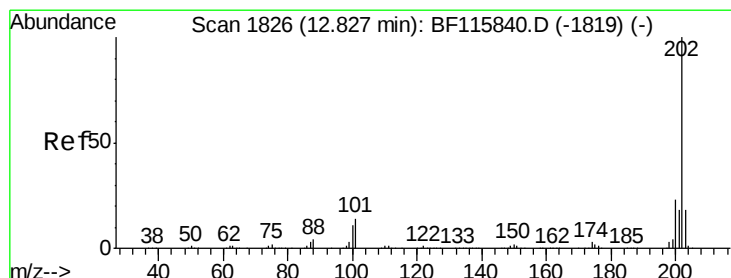
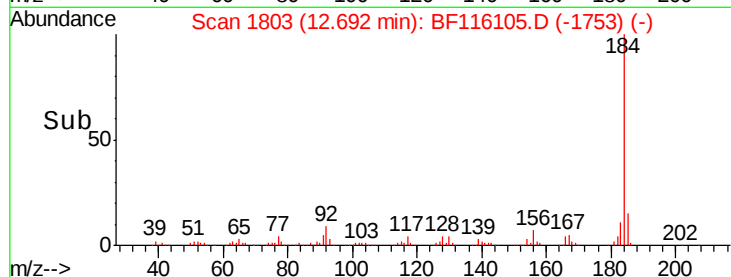
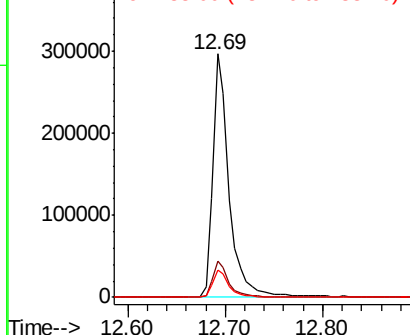
Tot Ion:	184	Resp:	344041
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.8	19.2
183	11.2	9.4	14.0

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



#78

Pyrene

Concen: 43.468 ng

RT: 12.80 min Scan# 1822

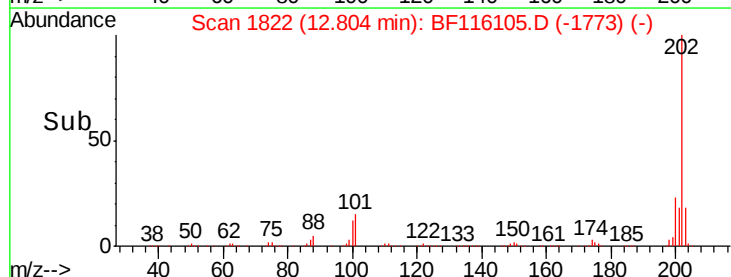
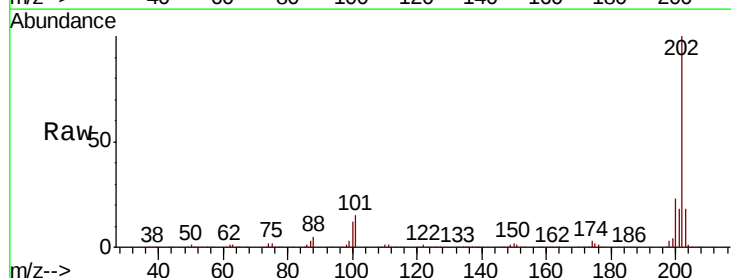
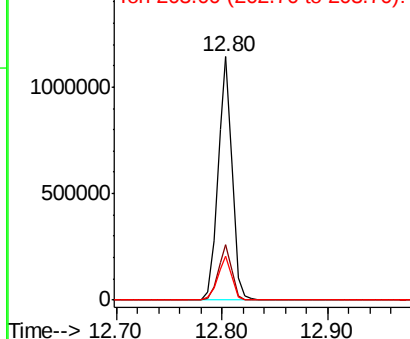
Delta R.T. -0.01 min

Lab File: BF116105.D

Acq: 9 Aug 2019 11:30

Tgt Ion:	202	Resp:	1081085
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	18.2	14.1	21.1

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





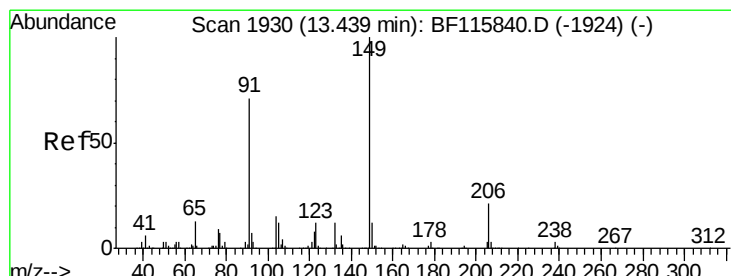
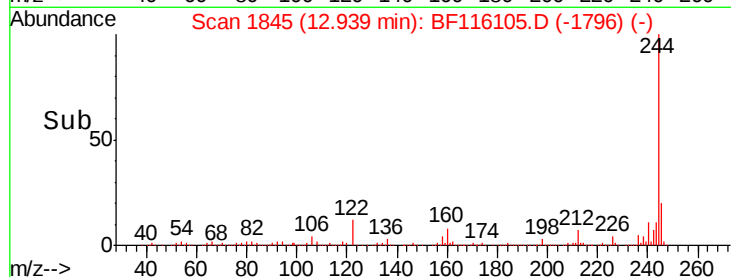
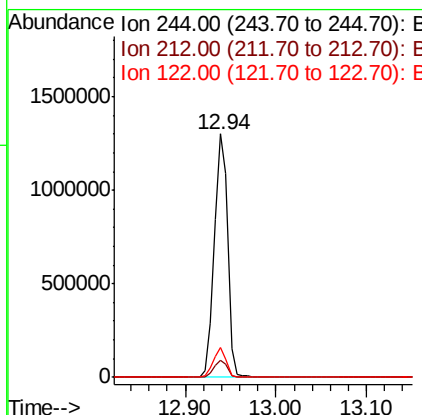
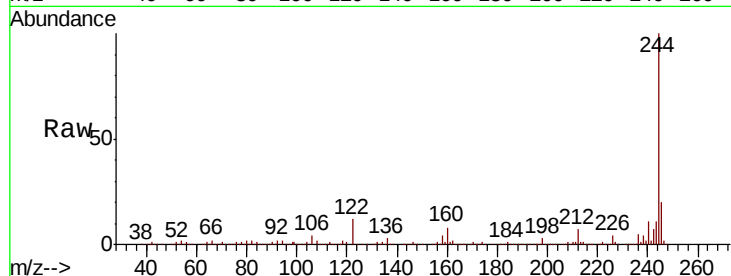
#79
 Terphenyl-d14
 Concen: 84.978 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.3	9.0	13.4

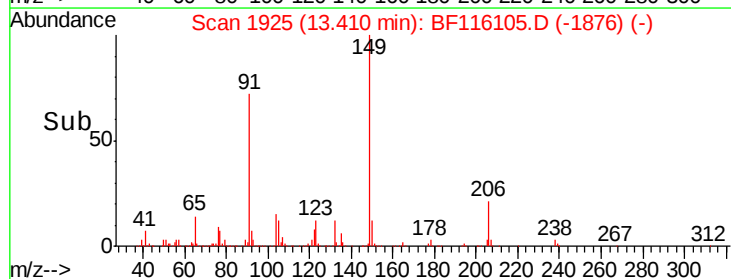
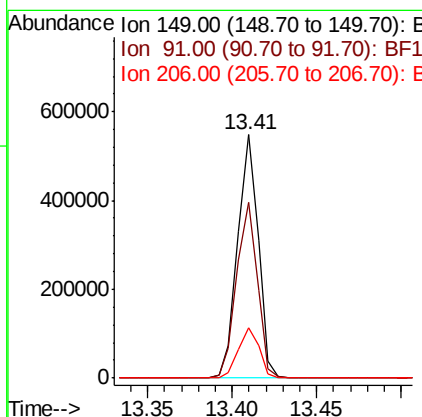
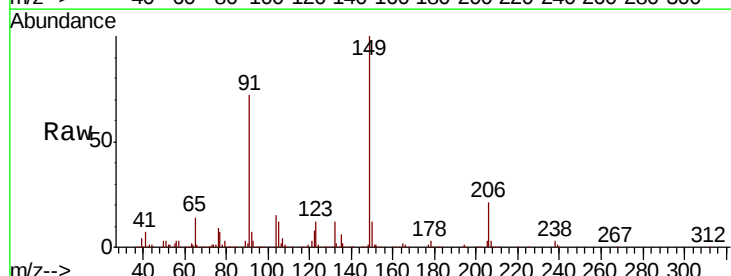
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#80
 Butylbenzylphthalate
 Concen: 44.157 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.3	56.3	84.5
206	20.8	18.0	27.0





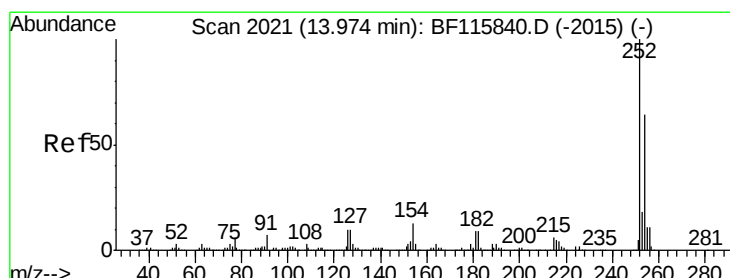
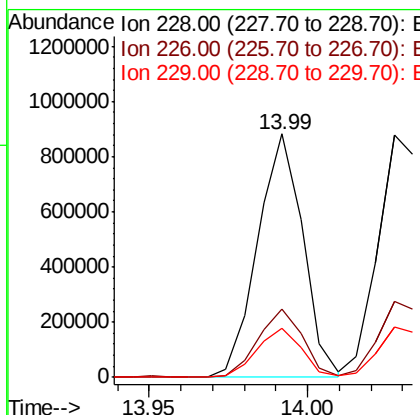
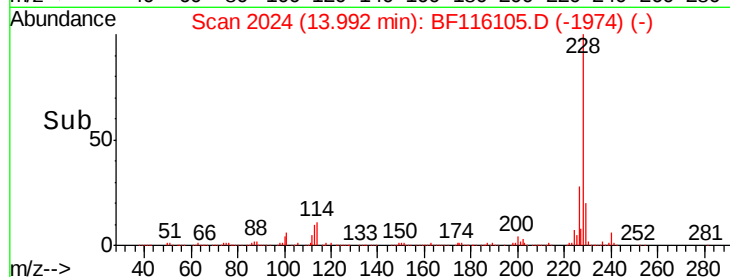
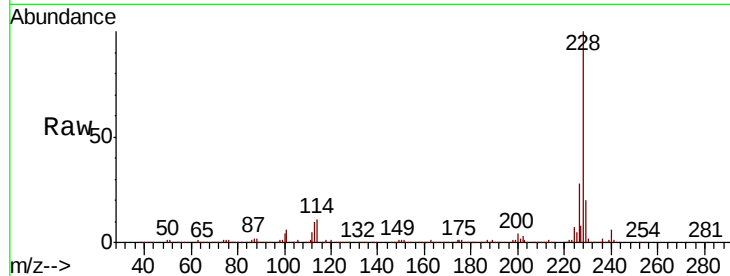
#81
Benzo(a)anthracene
Concen: 41.375 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.3	16.2	24.4

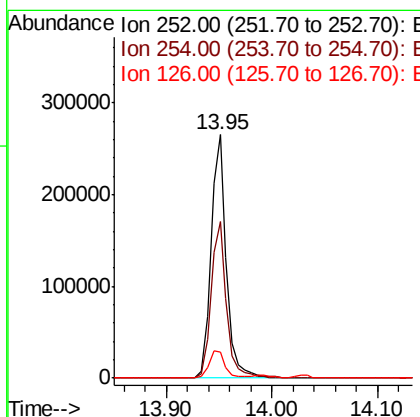
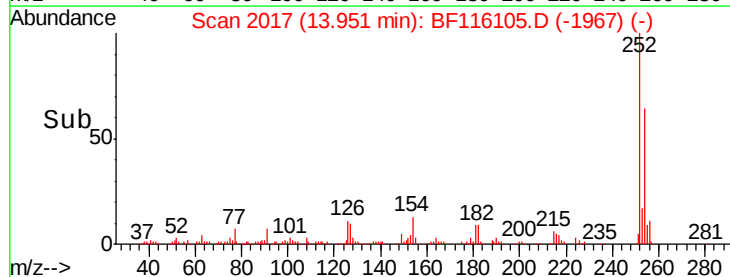
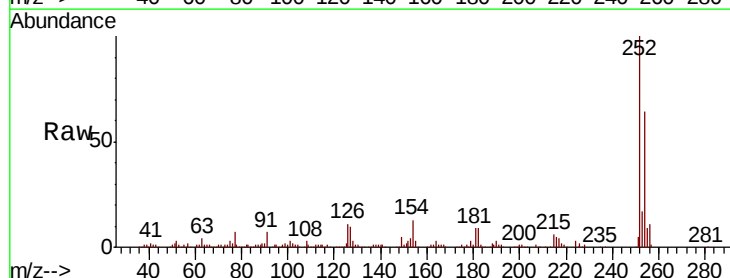
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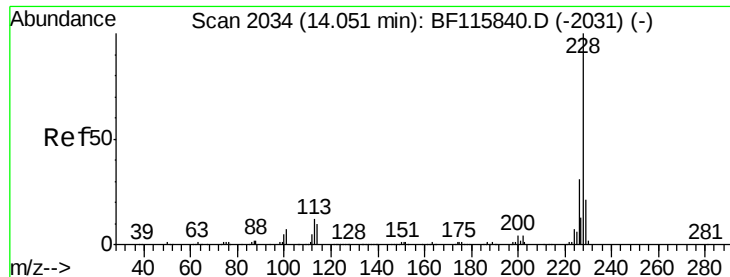
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#82
3,3'-Dichlorobenzidine
Concen: 36.929 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.9	76.3
126	10.9	9.8	14.8





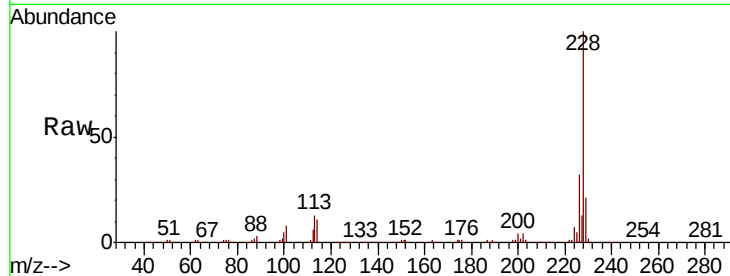
#83
 Chrvsene
 Concen: 41.669 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

Instrument :
 BNA_F
 ClientSampleId :
 PB122075BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.9	16.6	24.8

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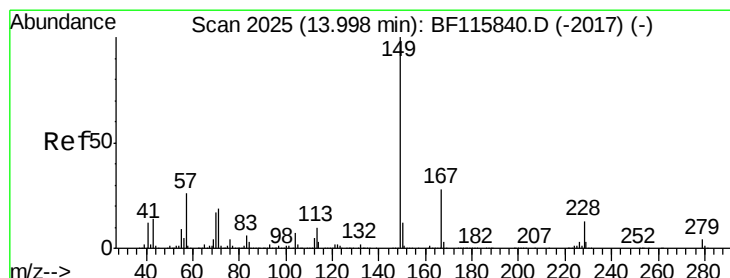
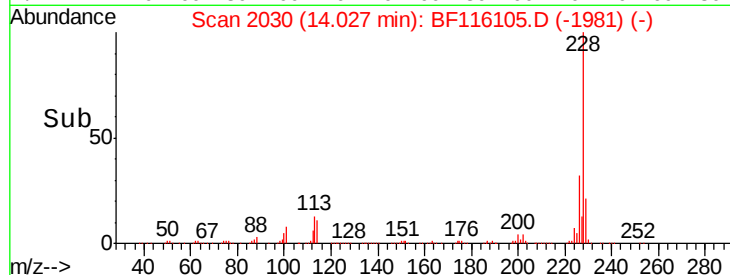
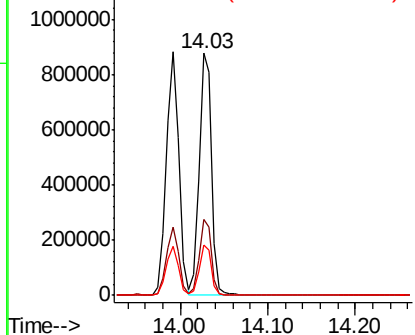


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.963 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116105.D
 Acq: 9 Aug 2019 11:30

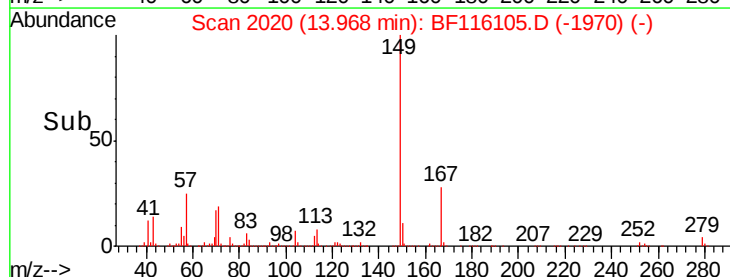
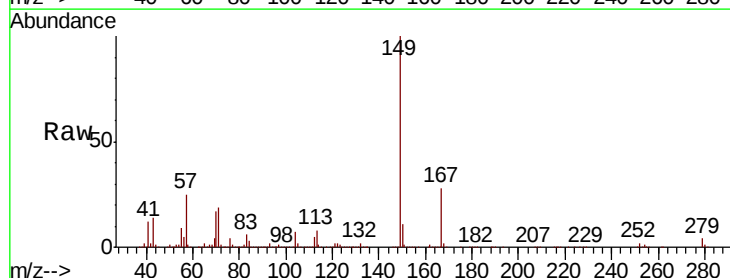
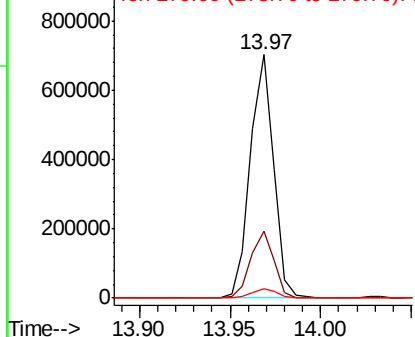
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	4.1	3.0	4.4

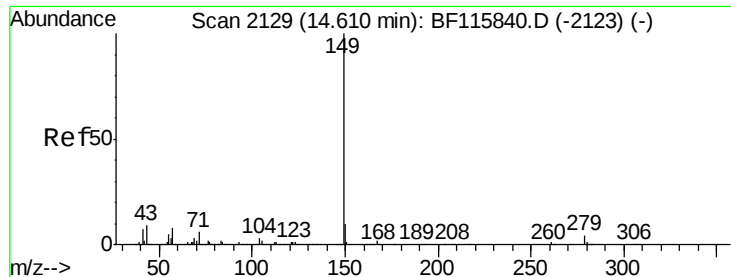
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





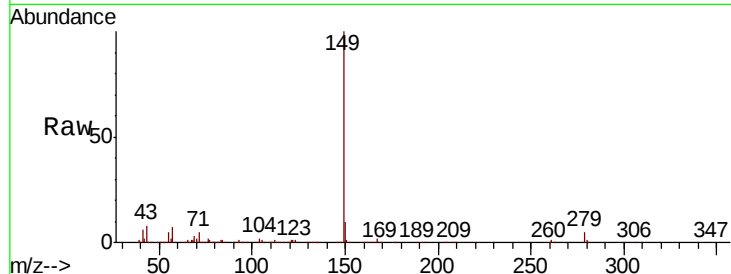
#85
Di-n-octyl phthalate
Concen: 44.400 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampled :
PB122075BS

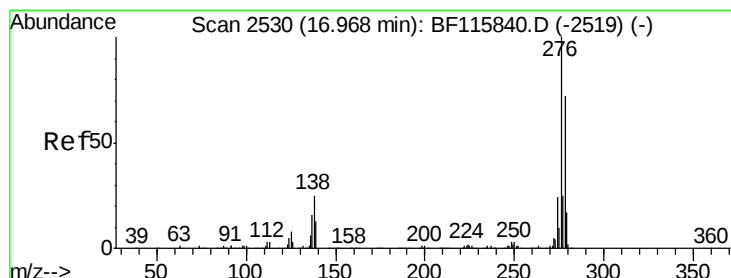
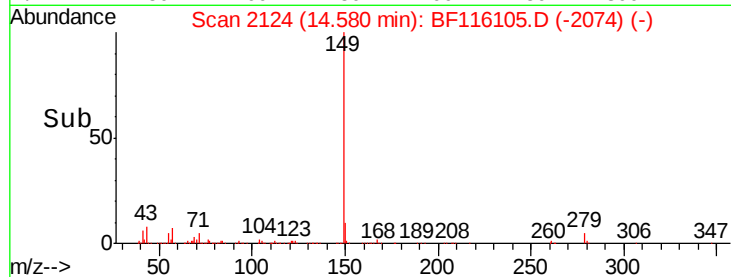
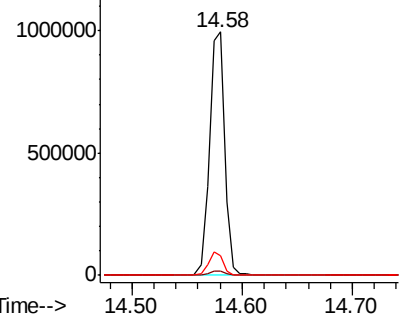
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.1	7.5	11.3

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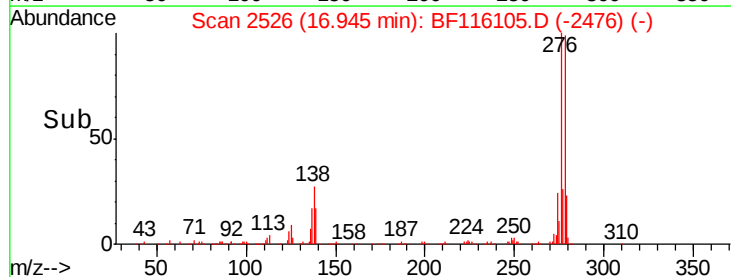
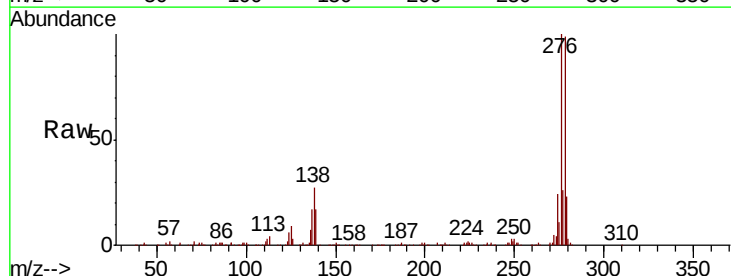
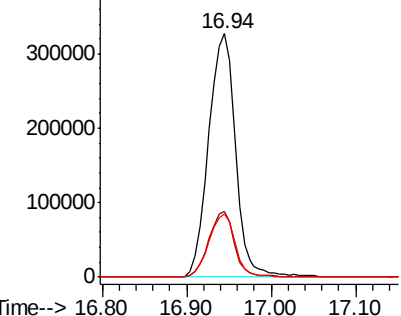
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

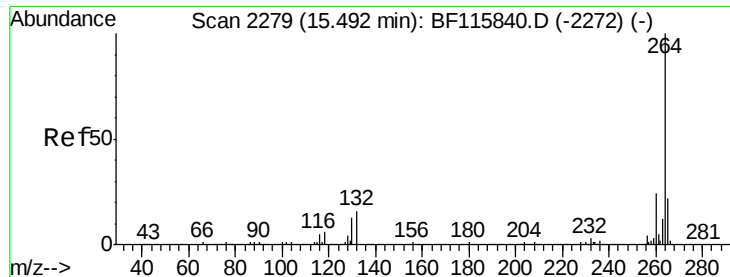


#86
Indeno(1,2,3-cd)pyrene
Concen: 42.048 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.9	20.4	30.6
277	25.6	20.0	30.0

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





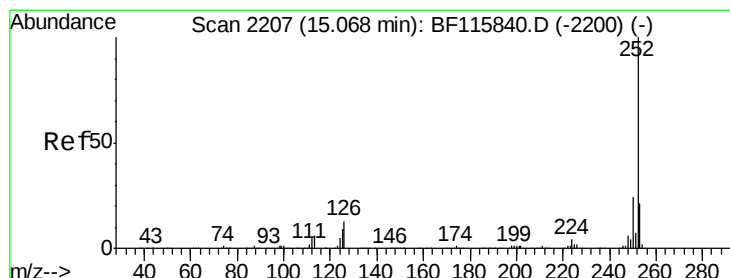
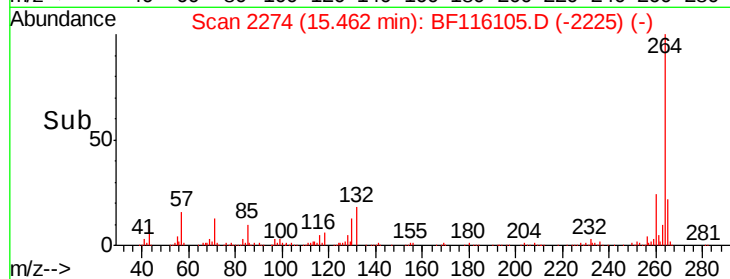
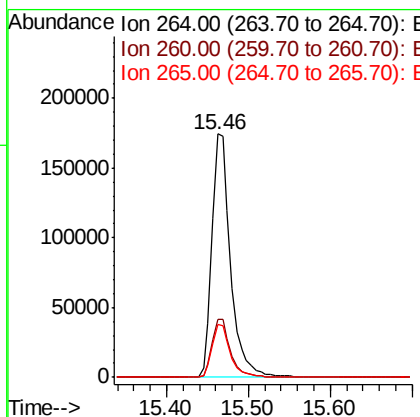
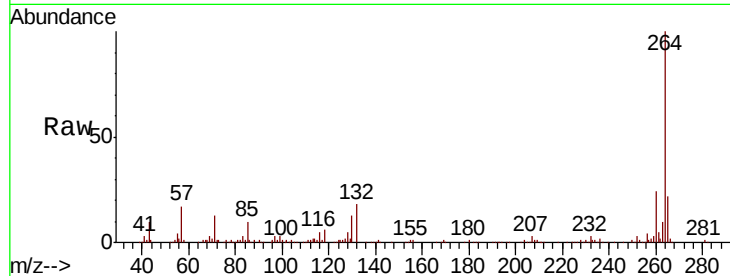
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.6	17.4	26.0

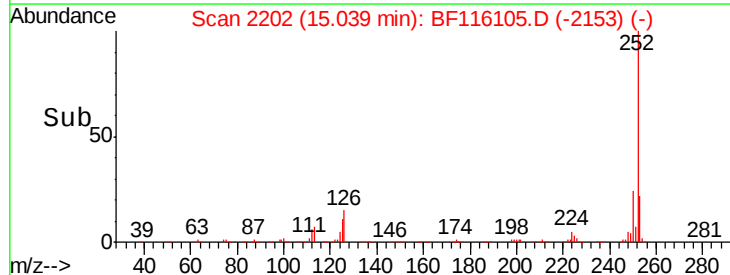
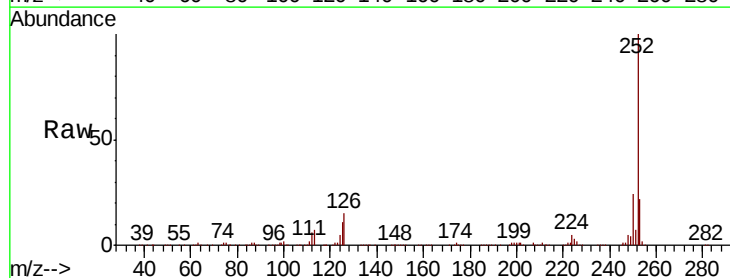
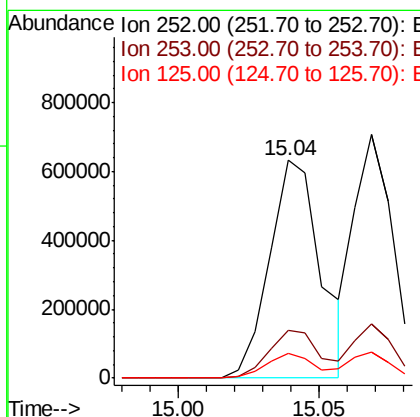
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#88
Benzo(b)fluoranthene
Concen: 49.999 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.4	8.4	12.6





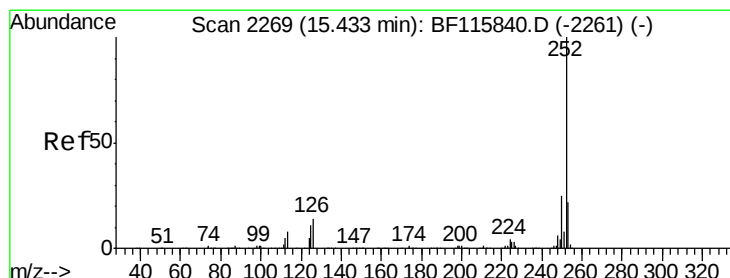
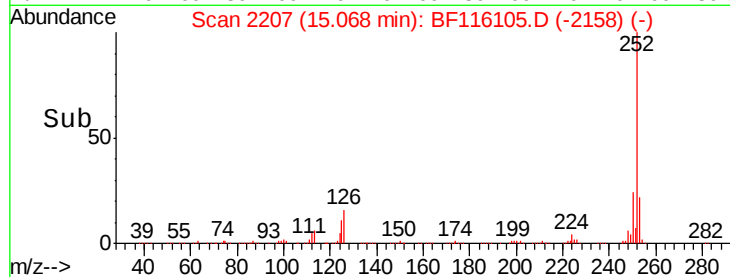
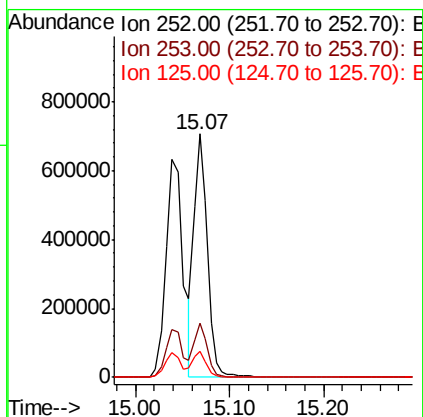
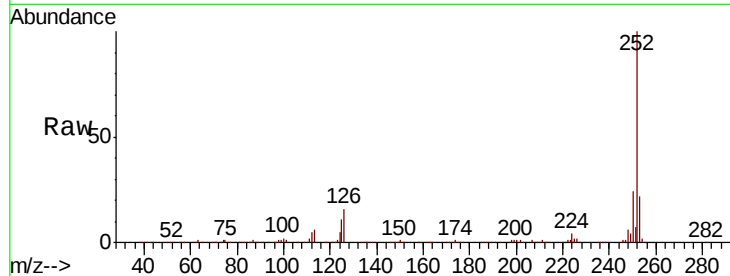
#89
Benzo(k)fluoranthene
Concen: 44.741 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.7	7.7	11.5

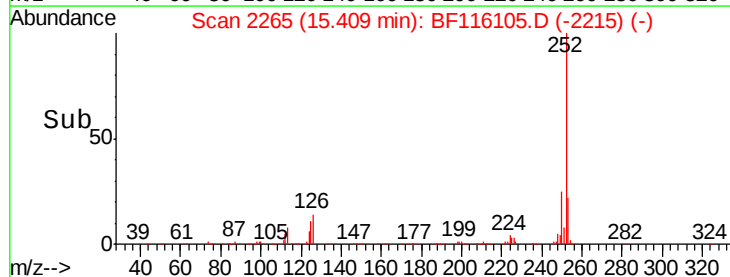
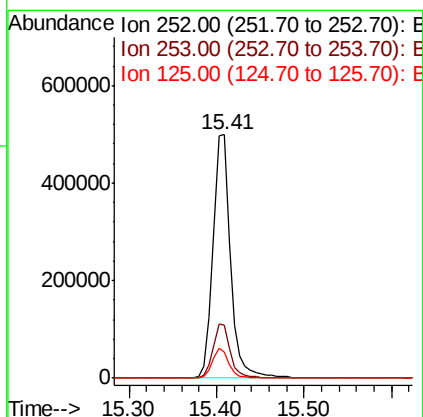
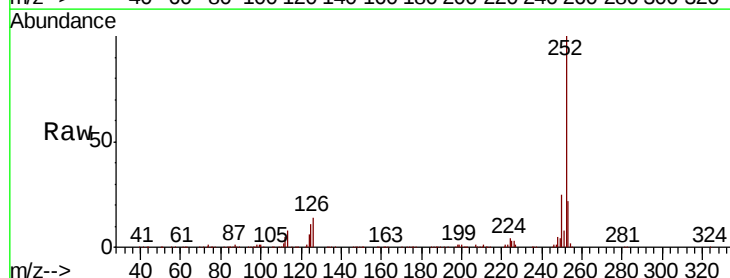
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#90
Benzo(a)pyrene
Concen: 48.999 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.9	8.9	13.3





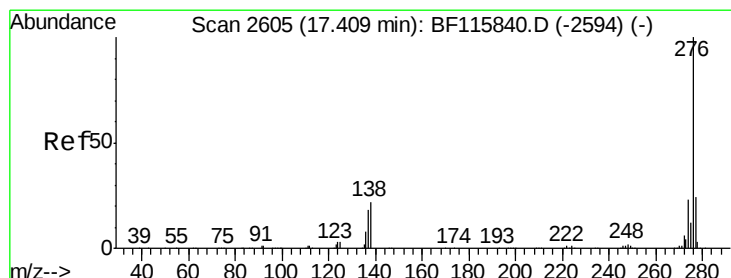
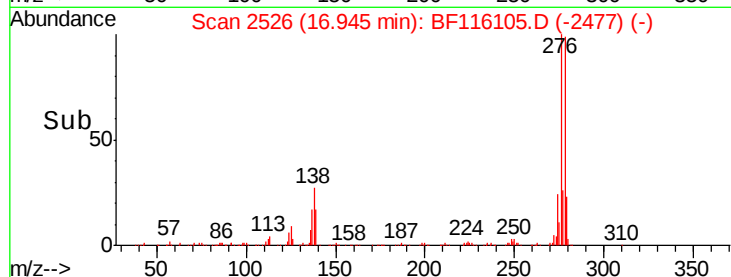
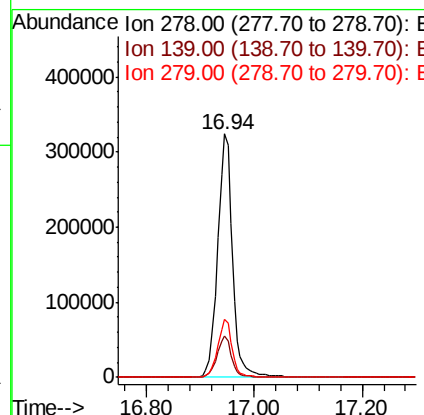
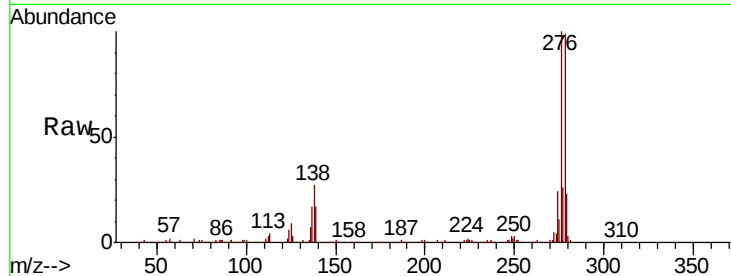
#91
Dibenzo(a,h)anthracene
Concen: 50.223 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	23.6	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 50.682 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BF116105.D
Acq: 9 Aug 2019 11:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	22.2	17.0	25.6

