

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116100.D
 Acq On : 9 Aug 2019 9:16
 Operator : HP/JU
 Sample : PB122079BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122079BS

Manual Integrations
 APPROVED

Sohil
 8/13/2019 7:17:44 AM

Quant Time: Aug 10 02:24:39 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	131105	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	536718	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	285695	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	491910	20.00	ng	0.00
76) Chrysene-d12	14.00	240	321059	20.00	ng	0.00
87) Perylene-d12	15.47	264	248870	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	879575	112.31	ng	0.00
7) Phenol-d6	6.49	99	1098706	111.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	719883	77.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	309770	111.83	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1252174	82.10	ng	-0.01
79) Terphenyl-d14	12.94	244	1351867	88.73	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	157111	39.710	ng	99
3) Pyridine	3.45	79	366047	33.120	ng	99
4) n-Nitrosodimethylamine	3.39	42	158298	36.294	ng	97
6) Aniline	6.50	93	424508	29.999	ng	# 89
8) 2-Chlorophenol	6.63	128	370959	42.835	ng	99
9) Benzaldehyde	6.39	77	148453	21.775	ng	99
10) Phenol	6.50	94	469753	40.372	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	356359	41.656	ng	99
12) 1,3-Dichlorobenzene	6.78	146	392654	39.232	ng	98
13) 1,4-Dichlorobenzene	6.86	146	405782	40.493	ng	98
14) 1,2-Dichlorobenzene	7.01	146	373740	40.503	ng	98
15) Benzyl Alcohol	6.99	79	312365	41.657	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	469813	40.263	ng	87
17) 2-Methylphenol	7.10	107	309485	42.205	ng	99
18) Hexachloroethane	7.35	117	147114	39.873	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	254907	41.631	ng	97
20) 3+4-Methylphenols	7.25	107	379546	43.738	ng	96
22) Acetophenone	7.25	105	504312	42.844	ng	# 99
24) Nitrobenzene	7.42	77	411191	40.956	ng	100
25) Isophorone	7.66	82	751989	42.295	ng	99
26) 2-Nitrophenol	7.74	139	207785	43.905	ng	96
27) 2,4-Dimethylphenol	7.77	122	336192	47.217	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	461441	41.873	ng	99
29) 2,4-Dichlorophenol	7.99	162	323677	43.054	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	349630	40.798	ng	98
31) Naphthalene	8.14	128	1066895	42.242	ng	100
32) Benzoic acid	7.93	122	201907	40.221	ng	95
33) 4-Chloroaniline	8.19	127	304118	26.949	ng	98
34) Hexachlorobutadiene	8.26	225	193452	39.191	ng	99
35) Caprolactam	8.57	113	98041m	40.322	ng	
36) 4-Chloro-3-methylphenol	8.68	107	336272	42.996	ng	99
37) 2-Methylnaphthalene	8.83	142	715828	43.035	ng	99
38) 1-Methylnaphthalene	8.93	142	667236	42.401	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	329652	43.161	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	156900	48.294	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	211142	40.163	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	228063	41.967	ng	99
46) 1,1'-Biphenyl	9.29	154	857429	42.510	ng	100
47) 2-Chloronaphthalene	9.32	162	684423	40.770	ng	99
48) 2-Nitroaniline	9.42	65	215711	38.875	ng	96
49) Acenaphthylene	9.74	152	1027665	41.961	ng	98
50) Dimethylphthalate	9.60	163	811625	41.723	ng	99
51) 2,6-Dinitrotoluene	9.66	165	179937	42.565	ng	99
52) Acenaphthene	9.91	154	619066	41.202	ng	99
53) 3-Nitroaniline	9.83	138	148704	28.468	ng	99
54) 2,4-Dinitrophenol	9.95	184	151871	71.549	ng	98
55) Dibenzofuran	10.08	168	907117	41.515	ng	99
56) 4-Nitrophenol	10.01	139	237180	70.881	ng	94
57) 2,4-Dinitrotoluene	10.07	165	229113	40.706	ng	97
58) Fluorene	10.42	166	716433	42.617	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	196407	42.959	ng	99
60) Diethylphthalate	10.29	149	774352	42.637	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	362249	42.548	ng	98
62) 4-Nitroaniline	10.45	138	193929	35.925	ng	99
63) Azobenzene	10.57	77	794291	42.520	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	116051	44.519	ng	93
66) n-Nitrosodiphenylamine	10.53	169	635875	42.947	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	222766	42.304	ng	96
68) Hexachlorobenzene	10.98	284	250441	41.129	ng	94
69) Atrazine	11.06	200	199015	40.858	ng	98
70) Pentachlorophenol	11.17	266	221077	74.782	ng	98
71) Phenanthrene	11.39	178	1045467	41.573	ng	100
72) Anthracene	11.44	178	1095672	43.051	ng	99
73) Carbazole	11.59	167	972109	42.101	ng	99
74) Di-n-butylphthalate	11.92	149	1203920	44.697	ng	99
75) Fluoranthene	12.57	202	1083941	41.172	ng	97
77) Benzidine	12.69	184	345830	31.883	ng	98
78) Pyrene	12.80	202	1105600	45.682	ng	99
80) Butylbenzylphthalate	13.41	149	482452	47.126	ng	95
81) Benzo(a)anthracene	13.99	228	870060	42.399	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	275928	38.703	ng	98
83) Chrysene	14.03	228	847309	42.530	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	646444	48.592	ng	99
85) Di-n-octyl phthalate	14.58	149	971495	45.975	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	694269	41.491	ng	100
88) Benzo(b)fluoranthene	15.04	252	733432	50.968	ng	99
89) Benzo(k)fluoranthene	15.07	252	676680	48.279	ng	99
90) Benzo(a)pyrene	15.41	252	666287	51.797	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	577653	51.878	ng	98
92) Benzo(g,h,i)perylene	17.39	276	582458	53.264	ng	97

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

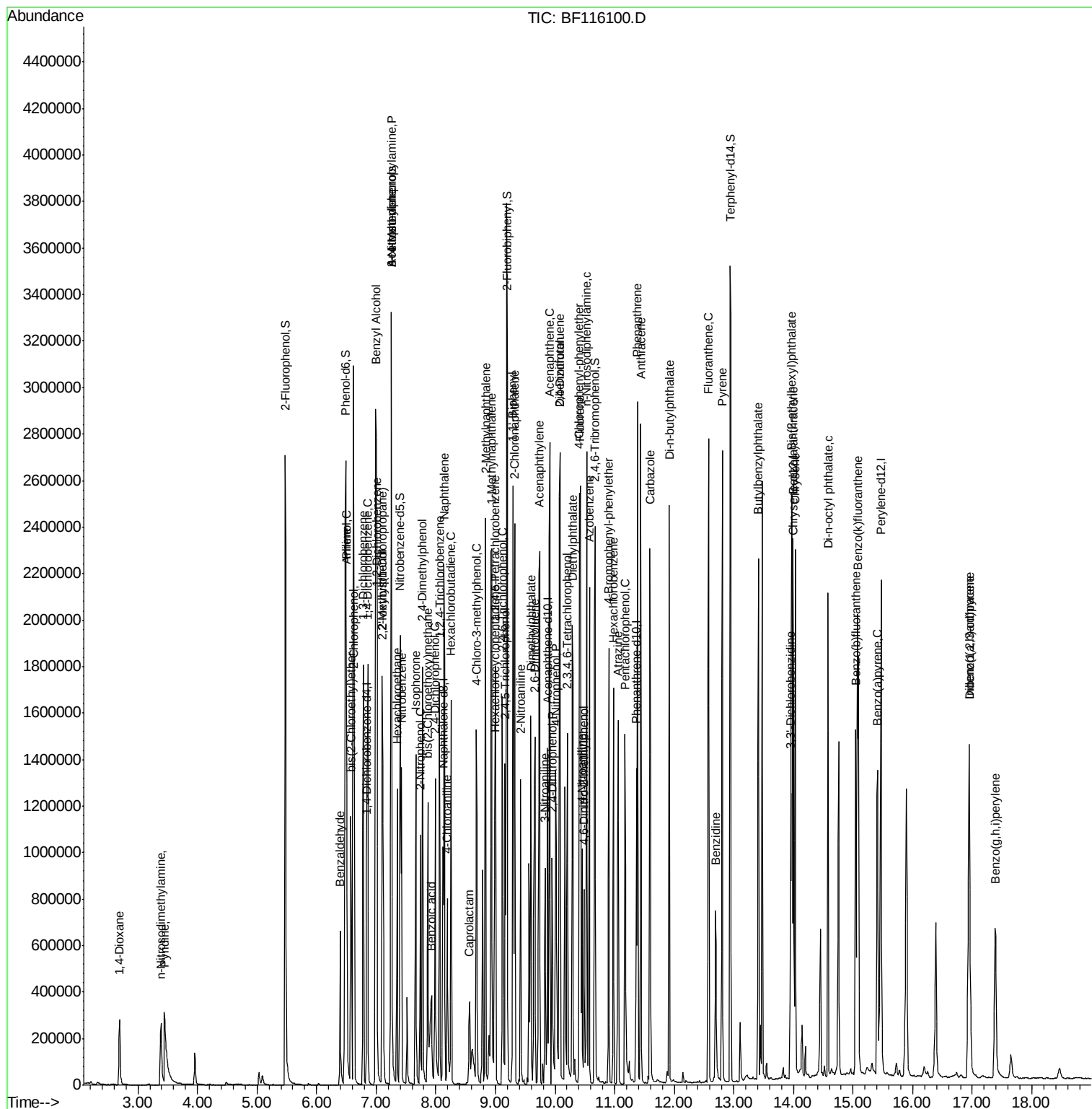
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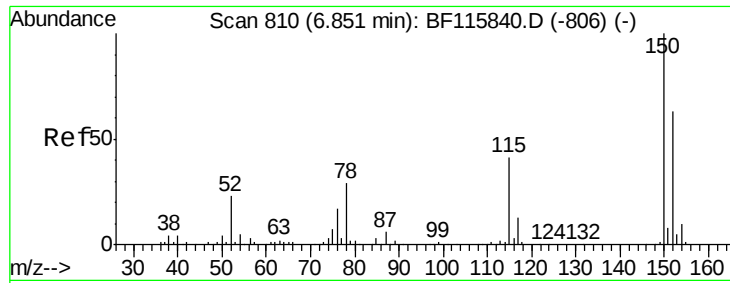
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

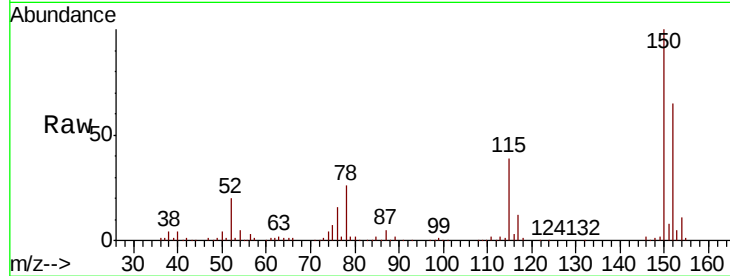
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PB122079BS

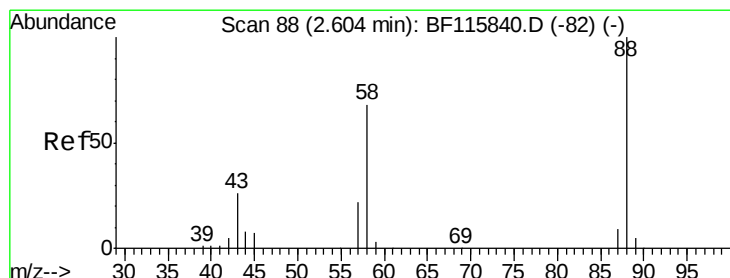
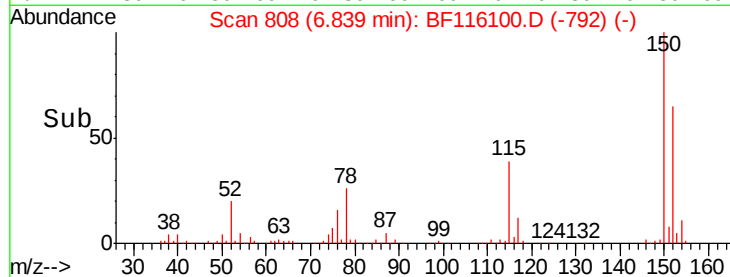
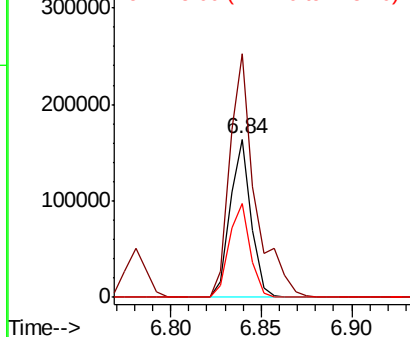
Tot Ion:	152	Resp:	131105
Ion Ratio	Lower	Upper	
152	100		
150	154.2	126.2	189.2
115	59.4	49.9	74.9

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.710 ng

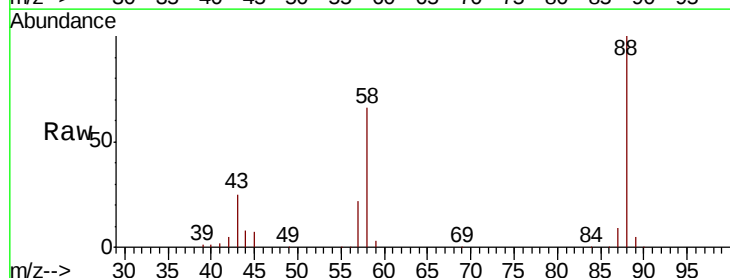
RT: 2.69 min Scan# 103

Delta R.T. 0.08 min

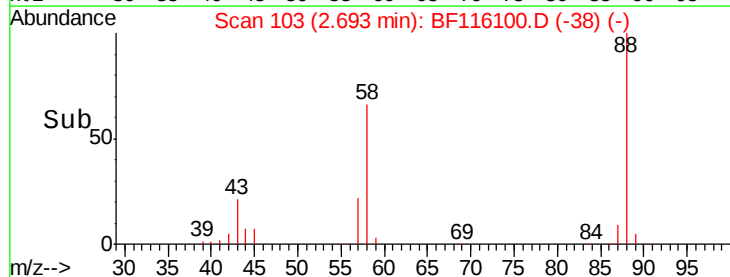
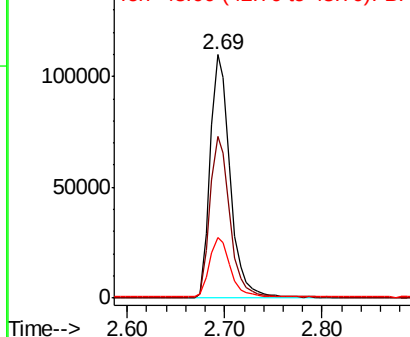
Lab File: BF116100.D

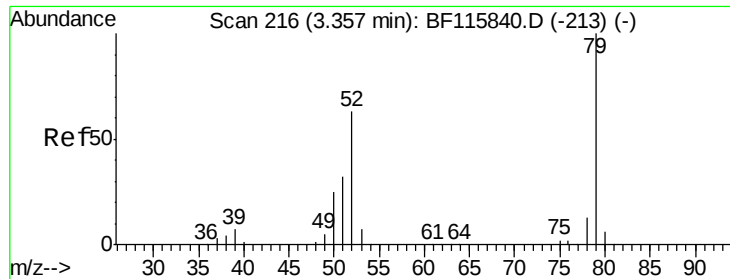
Acq: 9 Aug 2019 9:16

Tgt Ion:	88	Resp:	157111
Ion Ratio	Lower	Upper	
88	100		
58	67.1	53.7	80.5
43	25.3	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: 33.120 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

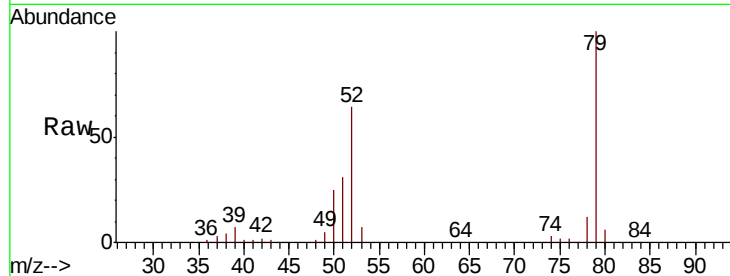
ClientSampleId :

PB122079BS

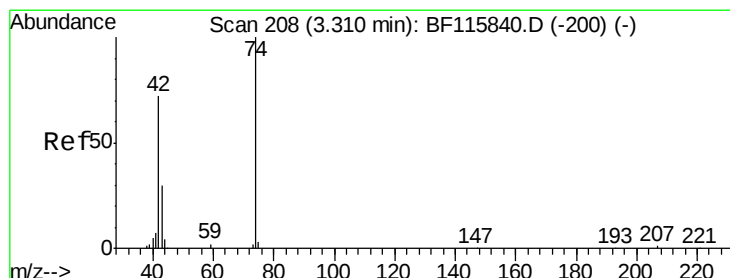
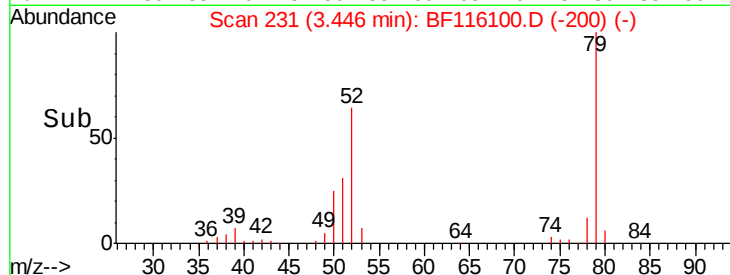
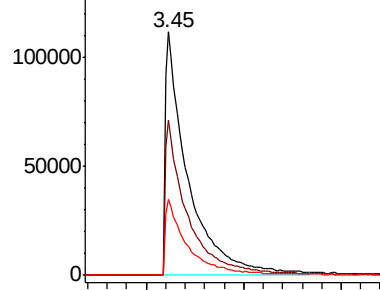
Tot Ion:	79	Resp:	366047
Ion Ratio	Lower	Upper	
79	100		
52	63.8	49.8	74.8
51	31.2	25.2	37.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.294 ng

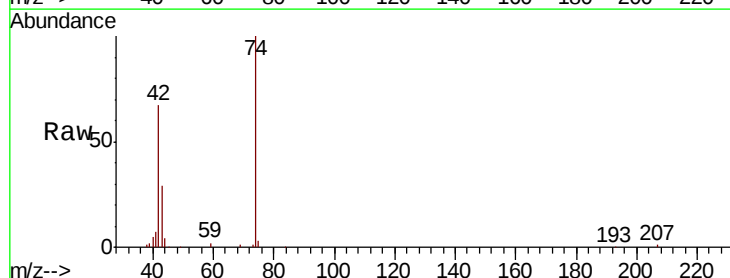
RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

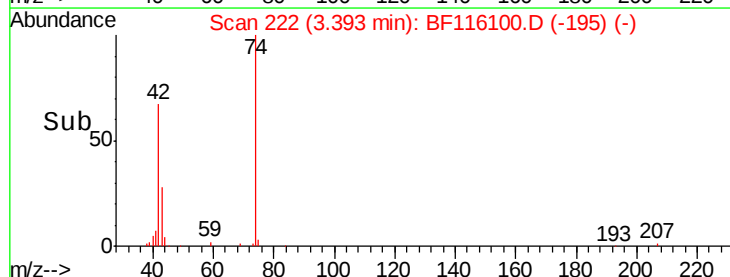
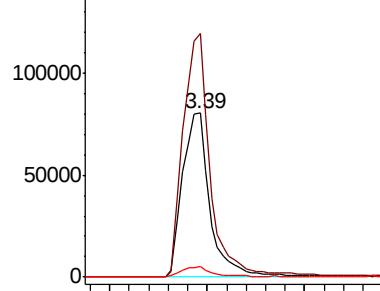
Lab File: BF116100.D

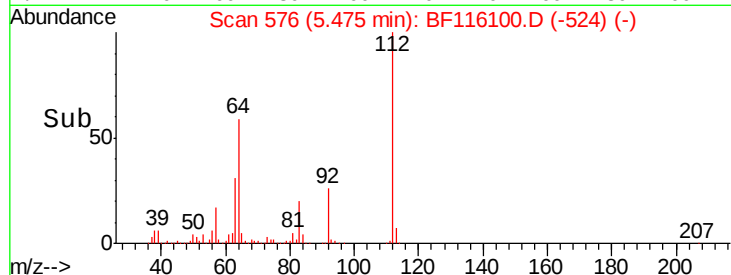
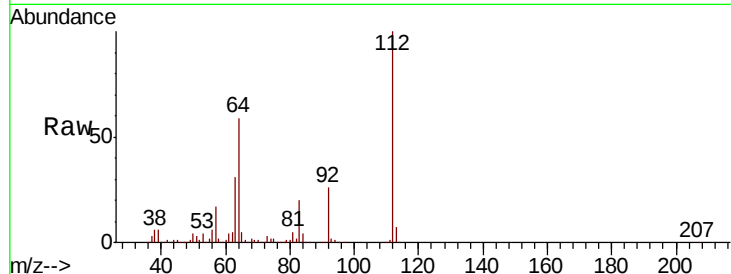
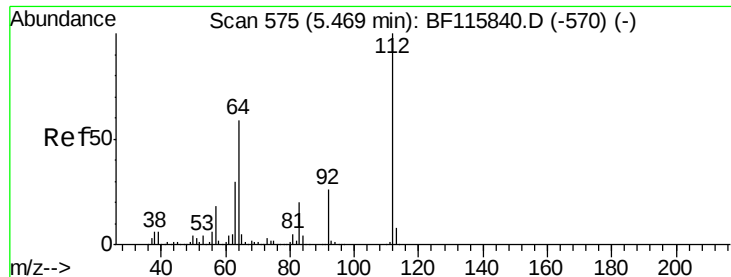
Acq: 9 Aug 2019 9:16

Tgt Ion:	42	Resp:	158298
Ion Ratio	Lower	Upper	
42	100		
74	148.8	116.0	174.0
44	6.3	4.6	7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.312 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

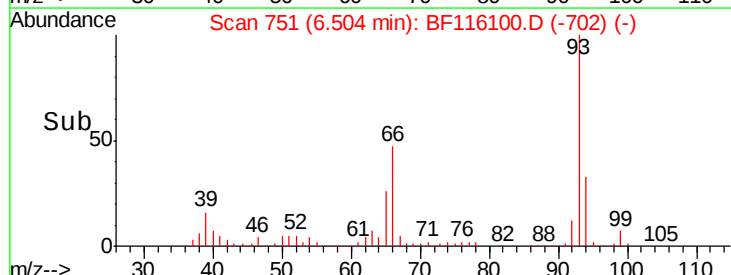
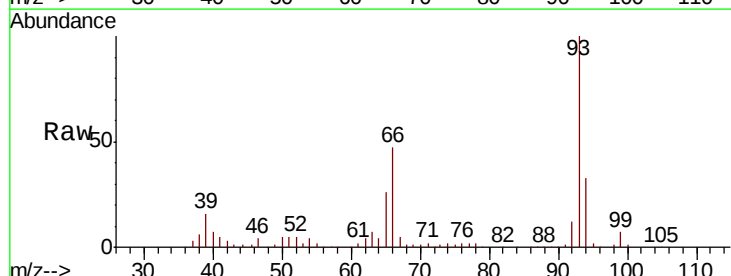
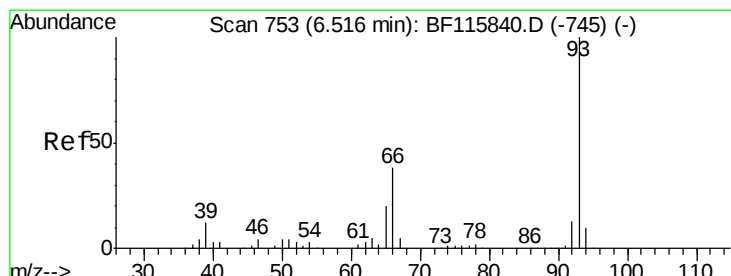
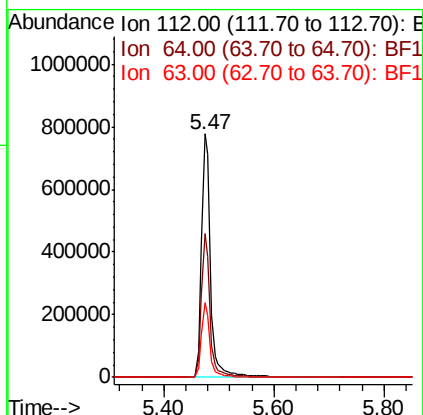
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	879575		
64	59.1	45.4	68.2	
63	30.7	23.7	35.5	

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#6

Aniline

Concen: 29.999 ng

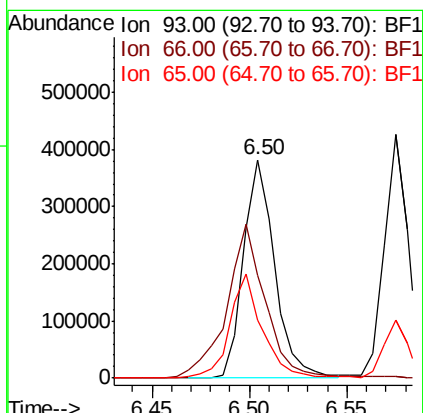
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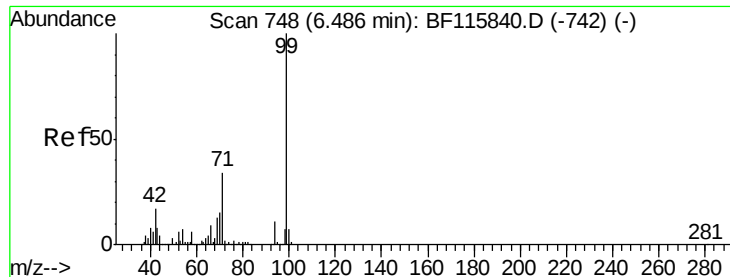
Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	424508		
66	46.9	32.2	48.4	
65	26.3	17.0	25.6	





#7

Phenol-d6

Concen: 111.195 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

ClientSampleId :

PB122079BS

Tot Ion: 99 Resp: 1098706

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

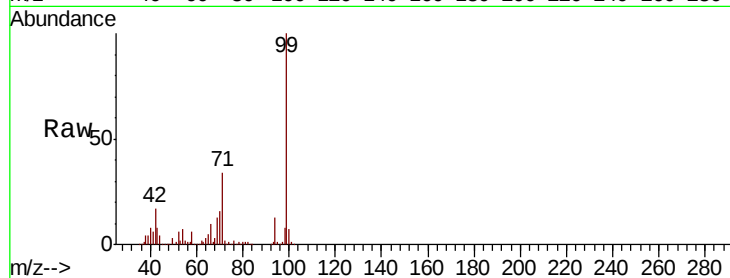
71 33.6 27.3 40.9

Manual Integrations

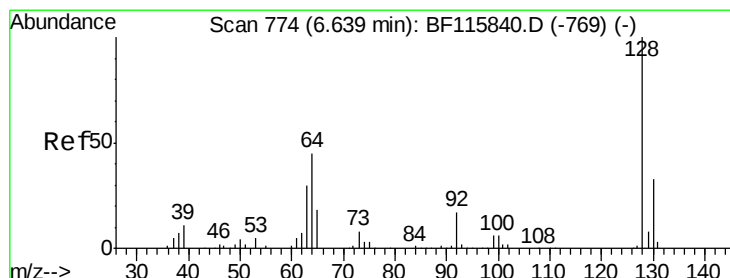
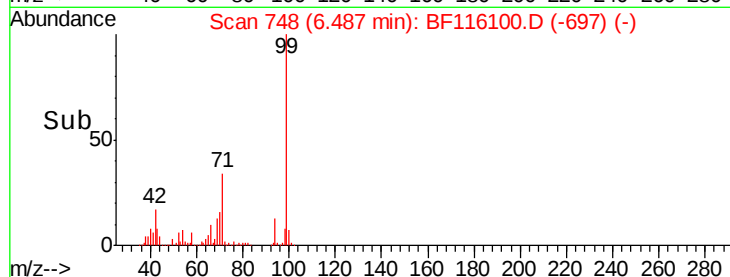
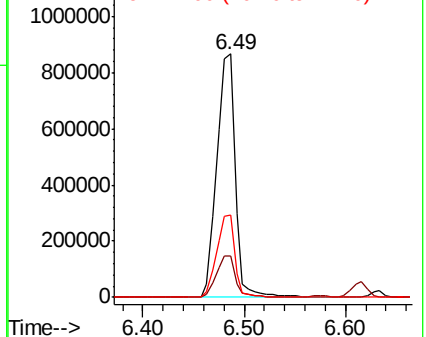
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.835 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

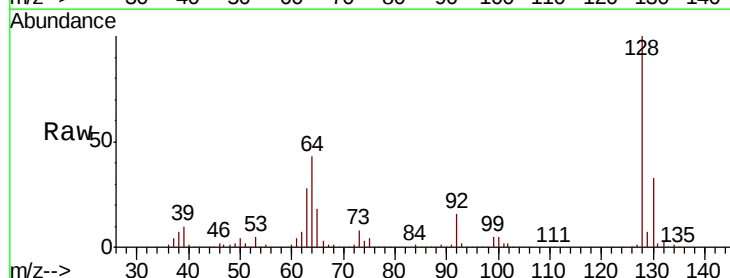
Tgt Ion: 128 Resp: 370959

Ion Ratio Lower Upper

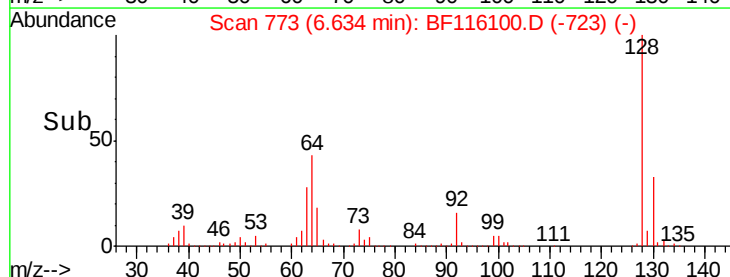
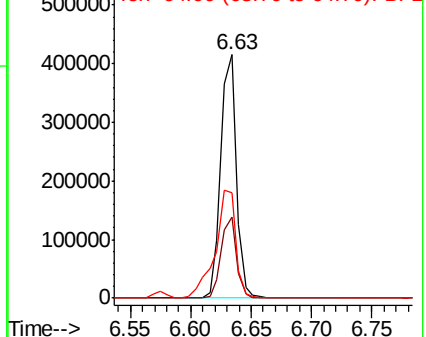
128 100

130 33.3 12.9 52.9

64 43.1 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: 21.775 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

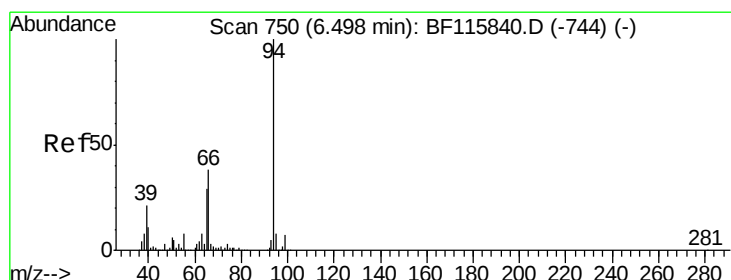
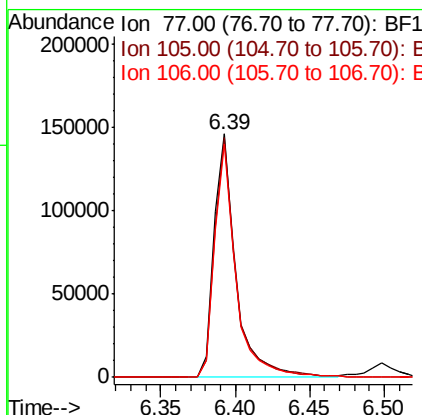
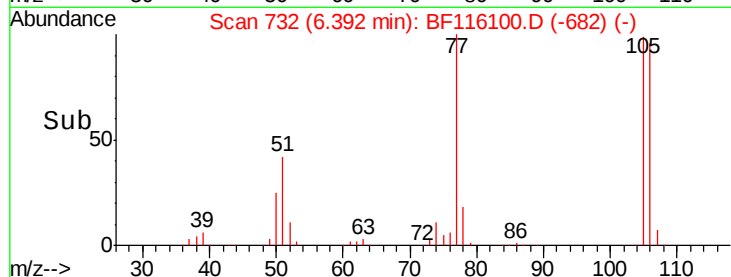
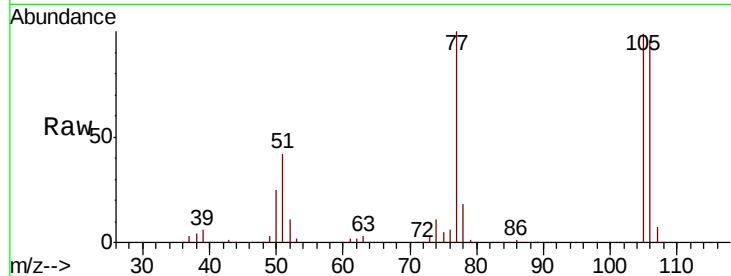
ClientSampleId :

PB122079BS

Tot Ion:	77	Resp:	148453
Ion	Ratio	Lower	Upper
77	100		
105	98.6	79.2	119.2
106	95.7	74.3	114.3

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#10

Phenol

Concen: 40.372 ng

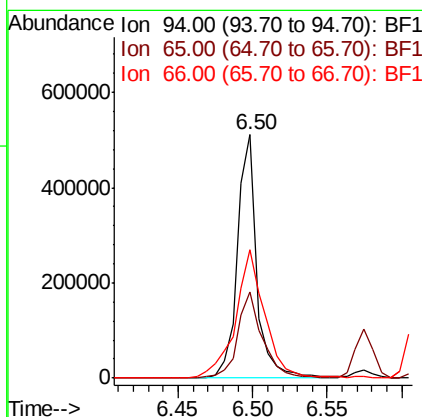
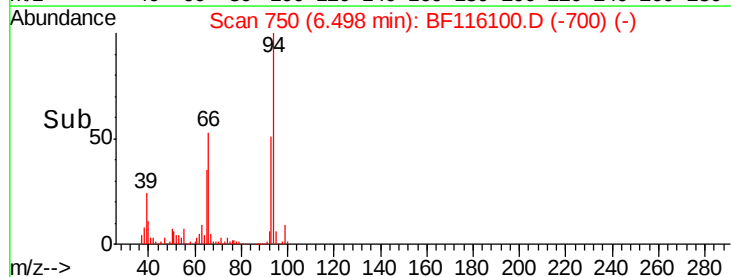
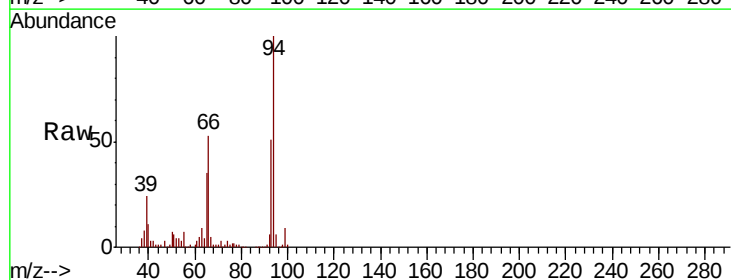
RT: 6.50 min Scan# 750

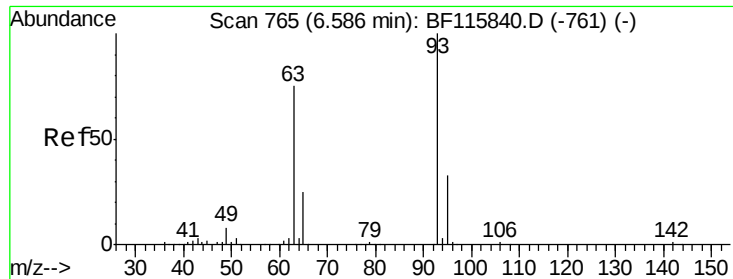
Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion:	94	Resp:	469753
Ion	Ratio	Lower	Upper
94	100		
65	35.5	16.8	56.8
66	52.8	34.2	74.2





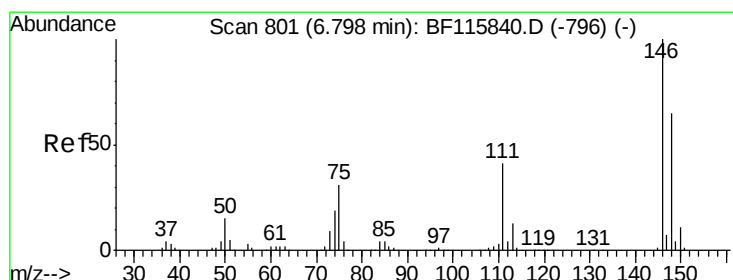
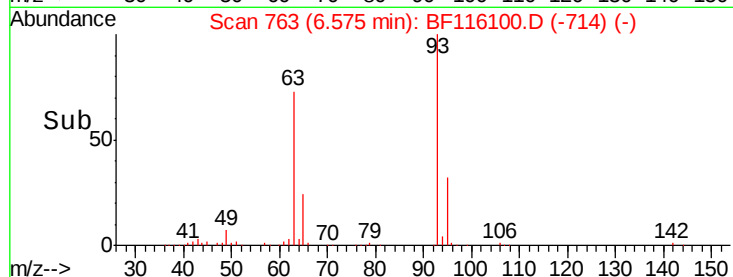
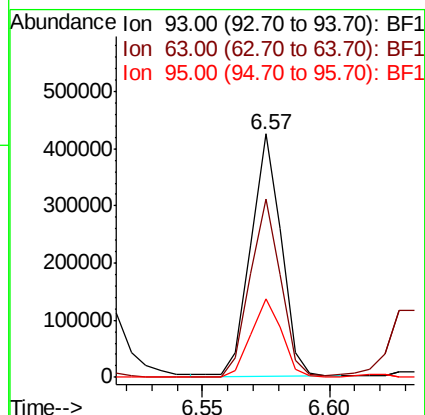
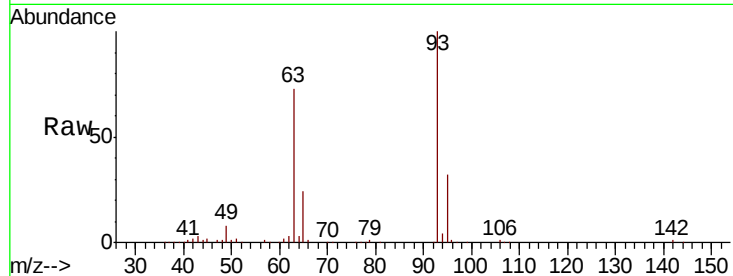
#11
bis(2-Chloroethyl)ether
Concen: 41.656 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	93	Resp	356359
Ion	Ratio	Lower	Upper
93	100		
63	73.1	51.9	91.9
95	32.0	13.0	53.0

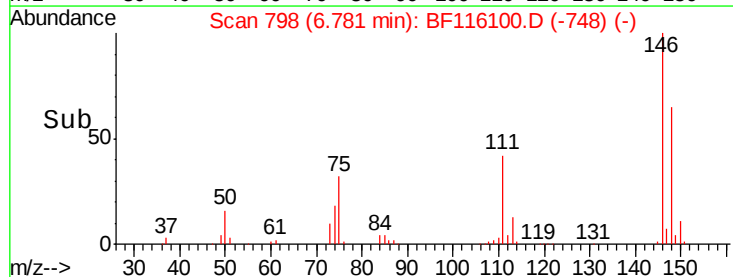
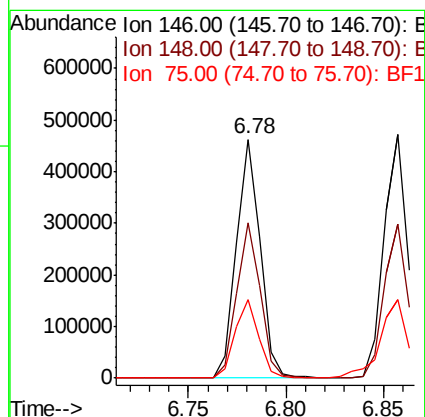
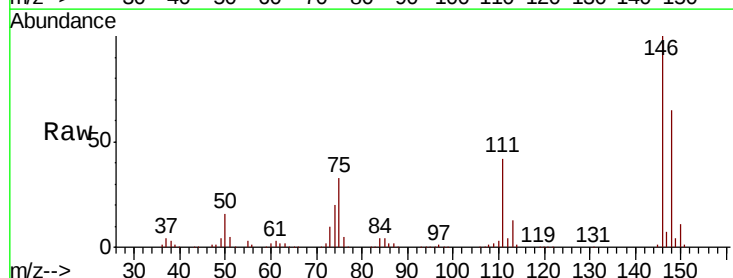
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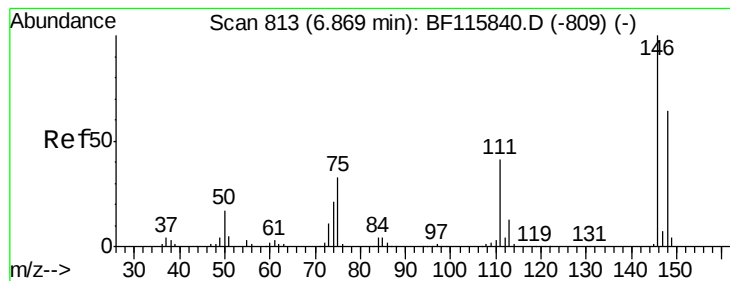
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#12
1,3-Dichlorobenzene
Concen: 39.232 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	146	Resp	392654
Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.3	76.9
75	32.6	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 40.493 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

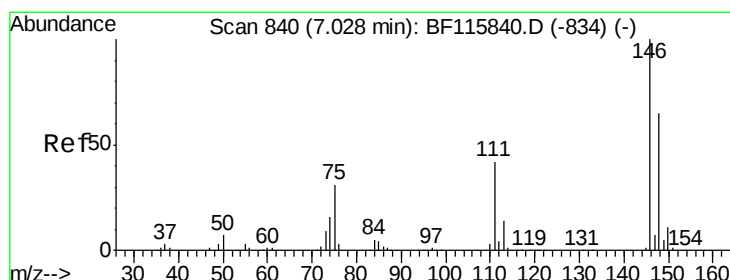
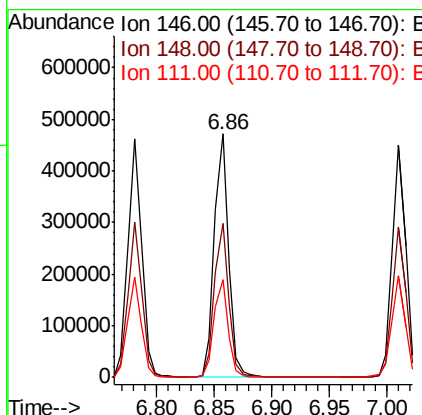
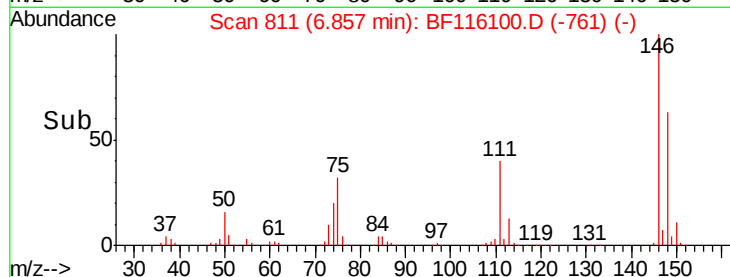
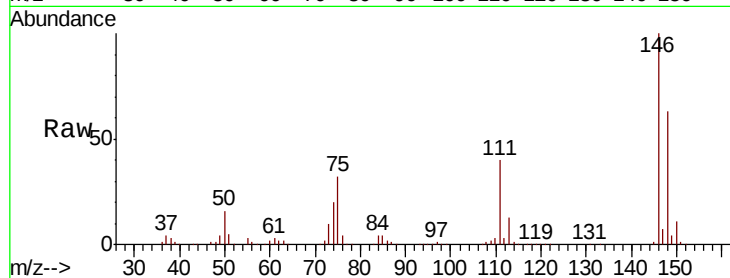
ClientSampled :

PB122079BS

Tot Ion:	146	Resp:	405782
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.3	76.9
111	40.4	34.0	51.0

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#14

1,2-Dichlorobenzene

Concen: 40.503 ng

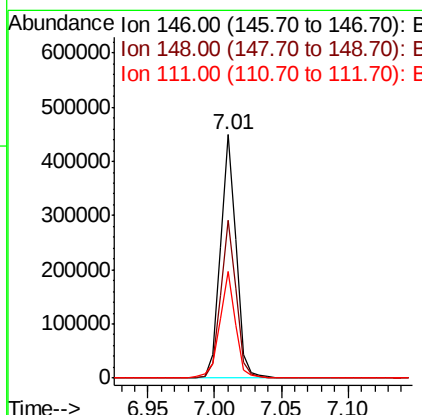
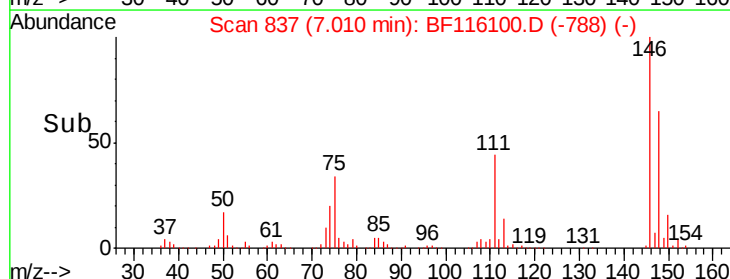
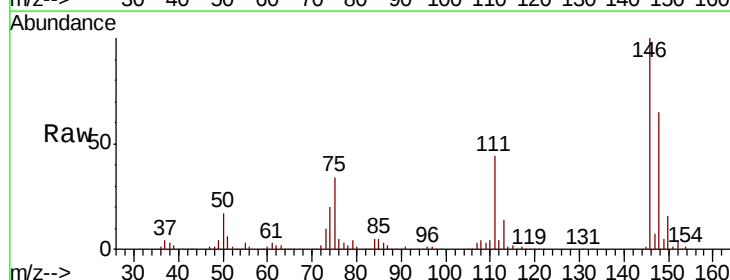
RT: 7.01 min Scan# 837

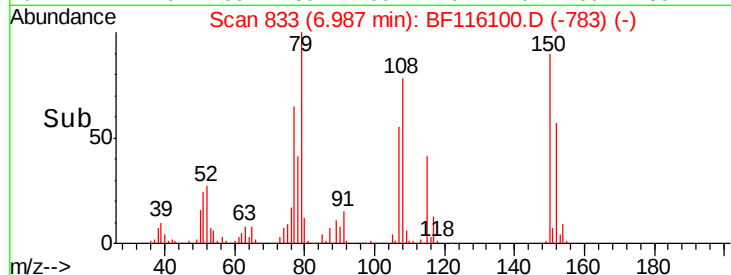
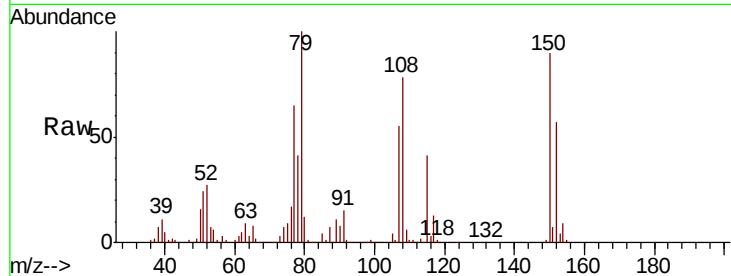
Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion:	146	Resp:	373740
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.2	76.8
111	43.6	33.5	50.3





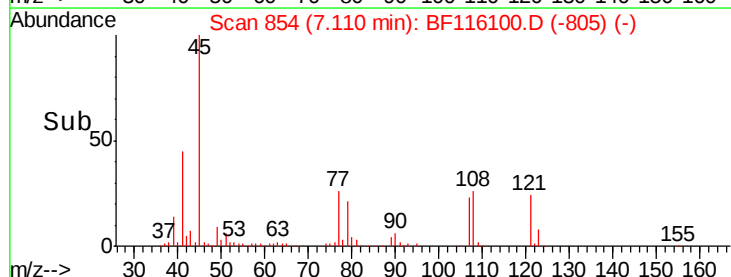
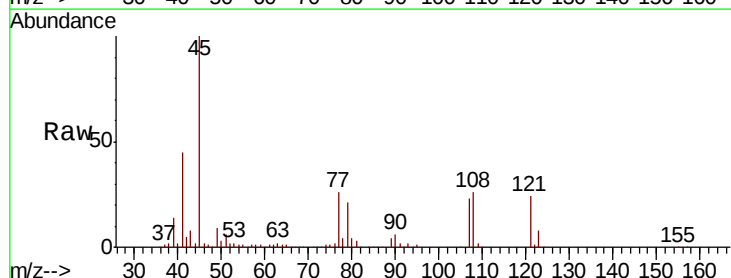
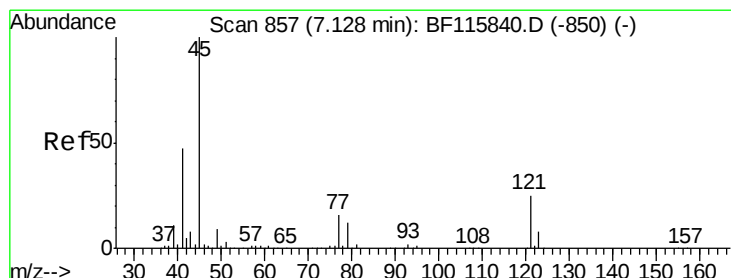
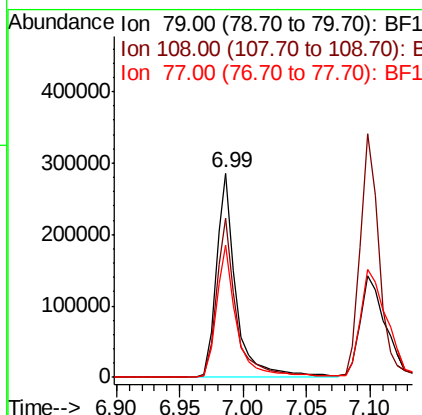
#15
Benzyl Alcohol
Concen: 41.657 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.3	62.7	94.1	
77	64.9	52.2	78.2	

Instrument :
BNA_F
ClientSampled :
PB122079BS

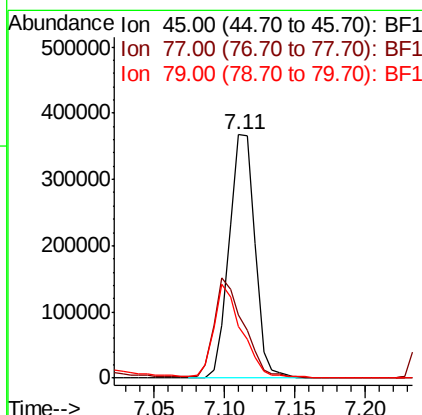
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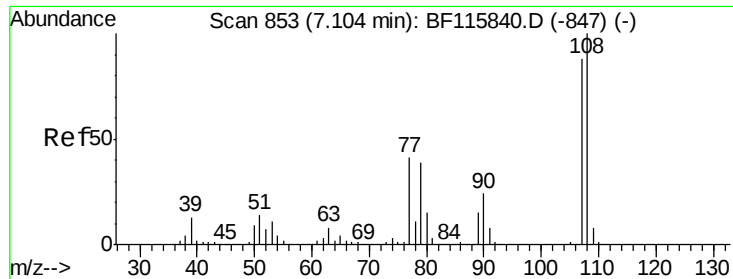
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.263 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.7	0.0	40.0	
79	21.4	0.0	35.9	





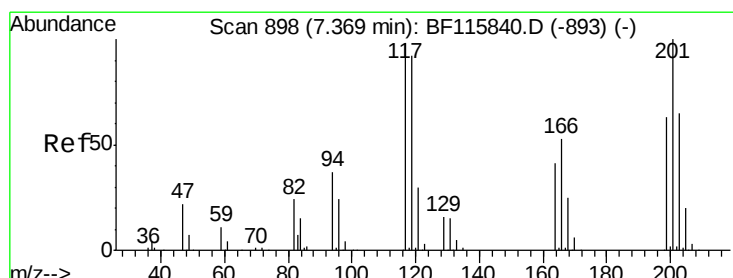
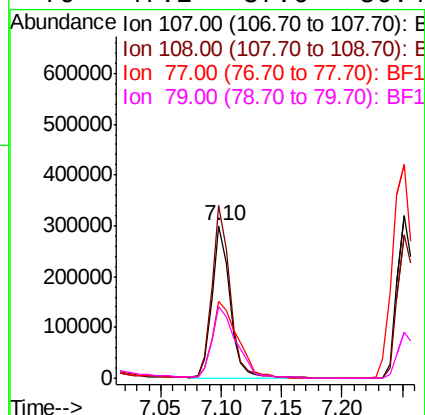
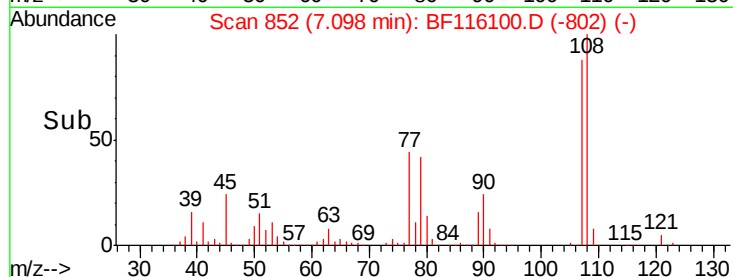
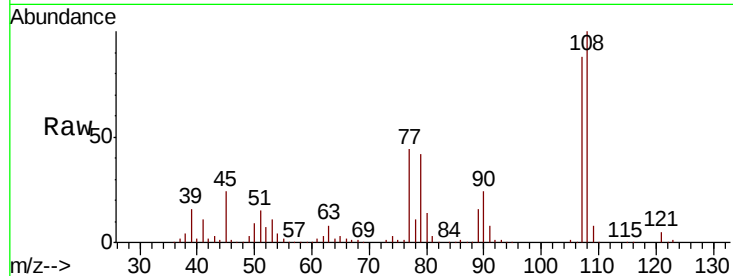
#17
2-Methylphenol
Concen: 42.205 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	91.2	136.8	
77	50.1	40.3	60.5	
79	47.2	37.6	56.4	

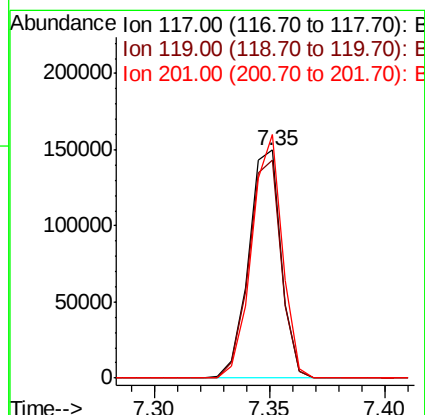
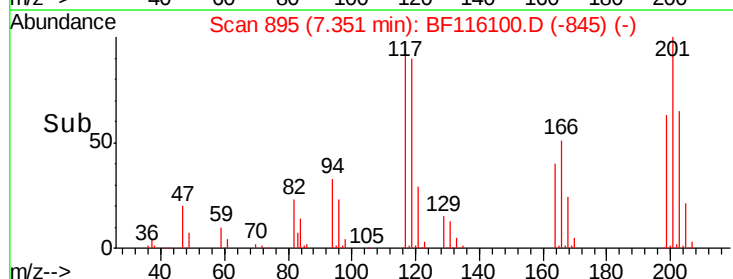
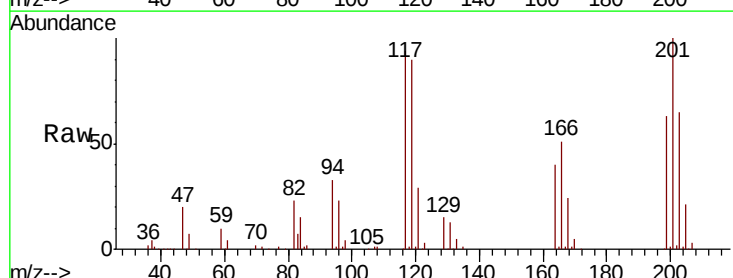
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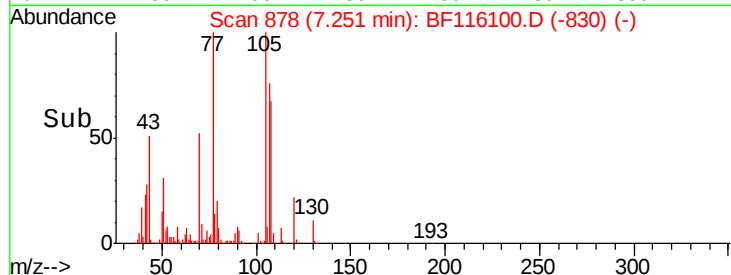
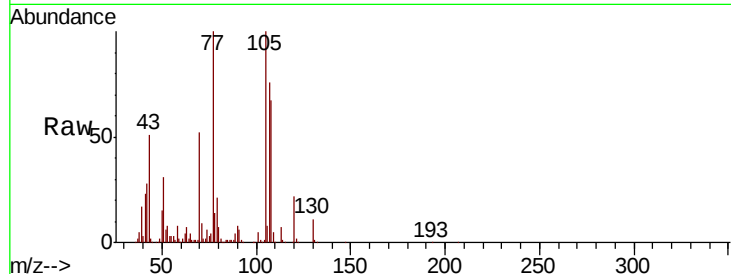
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#18
Hexachloroethane
Concen: 39.873 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.1	114.1	
201	106.8	77.0	115.4	





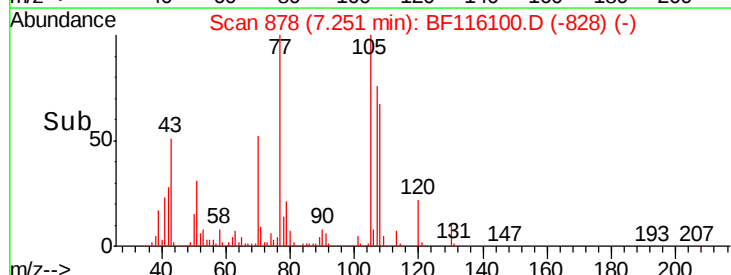
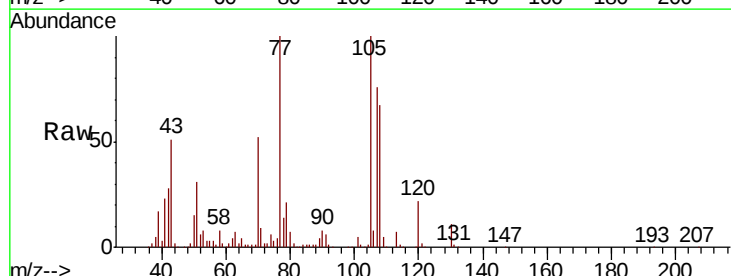
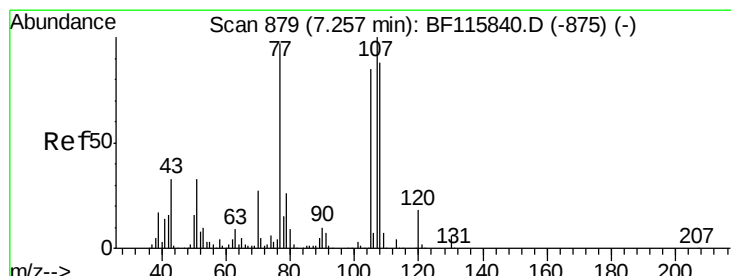
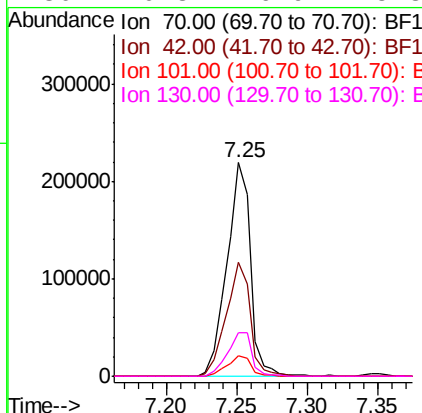
#19
n-Nitroso-di-n-propylamine
Concen: 41.631 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		254907		
42	53.6	40.9	61.3		
101	9.6	7.9	11.9		
130	20.3	16.9	25.3		

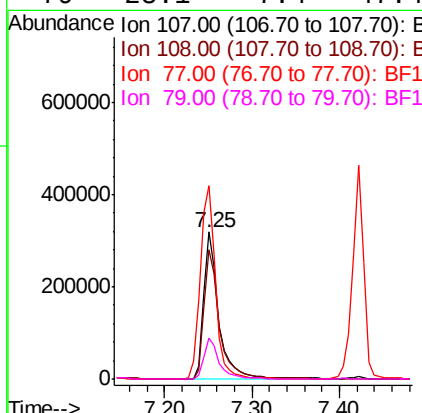
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#20
3+4-Methylphenols
Concen: 43.738 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		379546		
108	88.3	67.6	107.6		
77	131.8	104.4	144.4		
79	28.1	7.4	47.4		





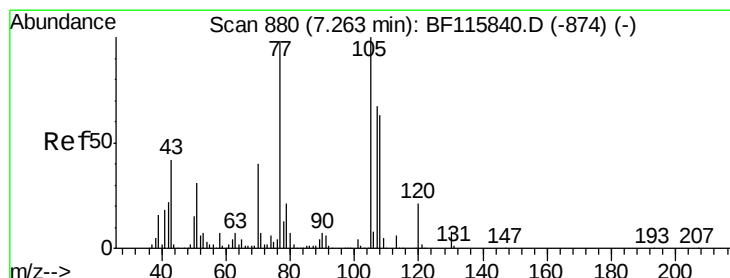
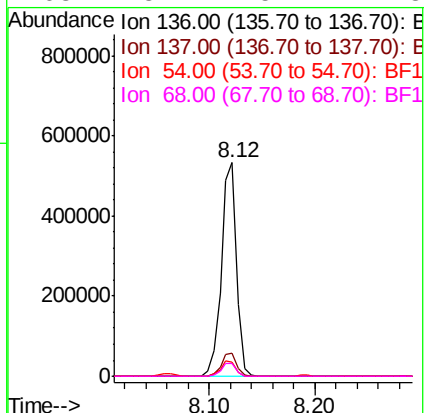
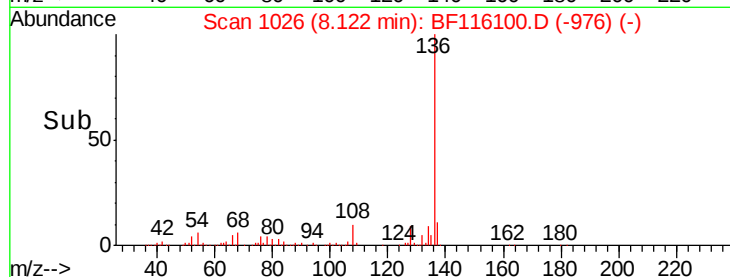
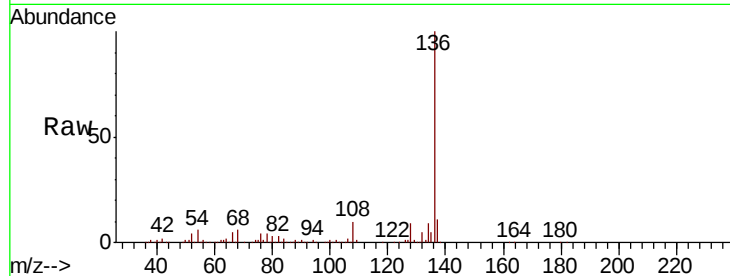
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.4	
54	6.5	5.8	8.6	
68	5.7	5.2	7.8	

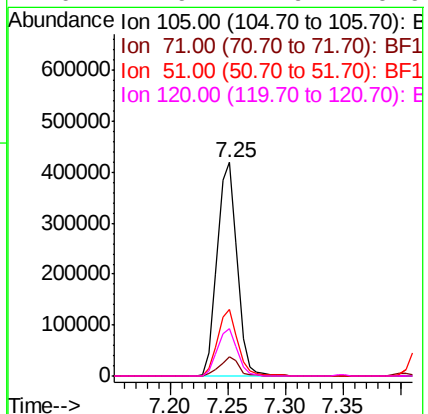
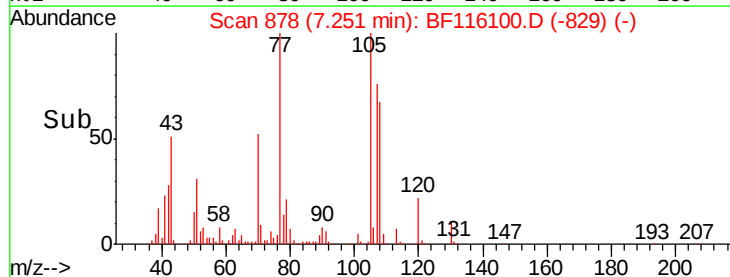
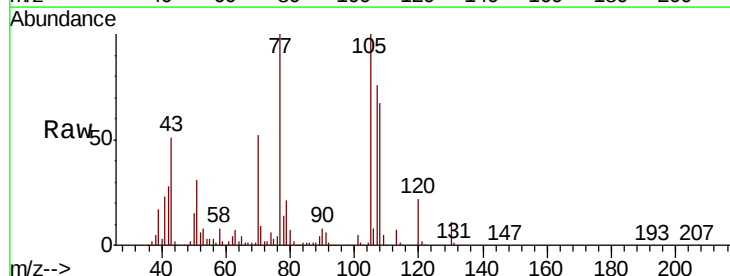
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#22
Acetophenone
Concen: 42.844 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.0	5.9	8.9#	
51	31.5	25.3	37.9	
120	21.9	17.9	26.9	





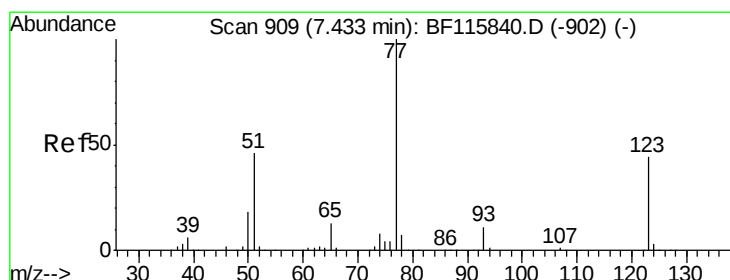
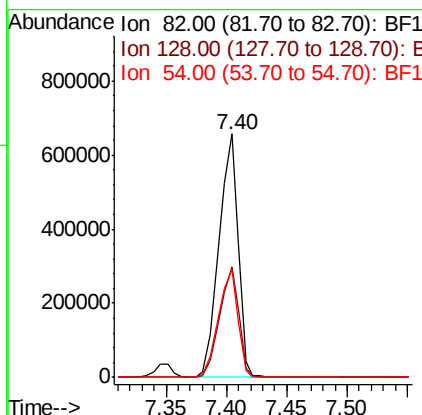
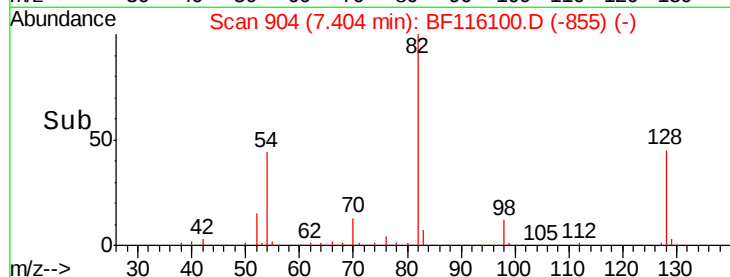
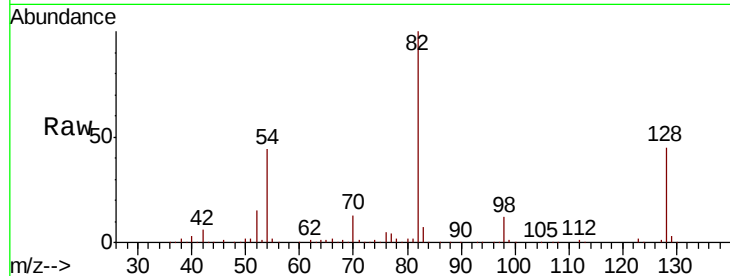
#23
 Nitrobenzene-d5
 Concen: 77.422 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :
 PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	719883		
128	45.2		36.5	54.7
54	44.5		36.0	54.0

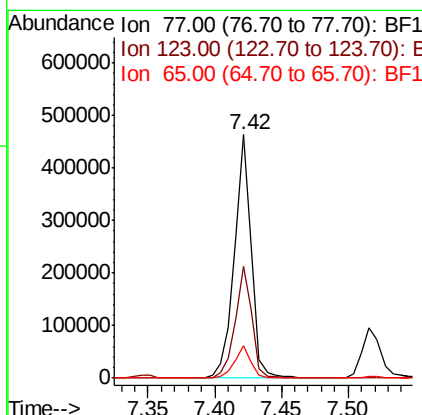
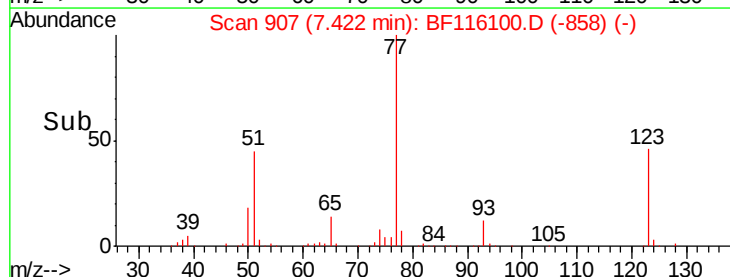
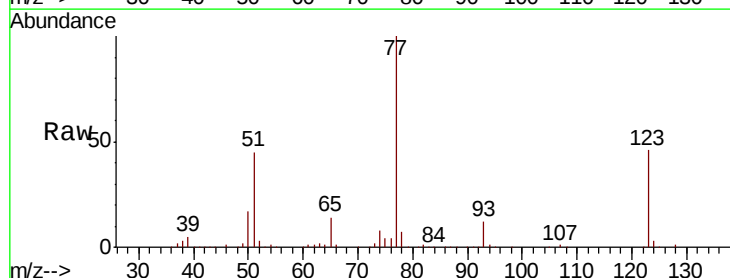
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#24
 Nitrobenzene
 Concen: 40.956 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	411191		
123	46.0		36.7	55.1
65	13.5		10.6	16.0





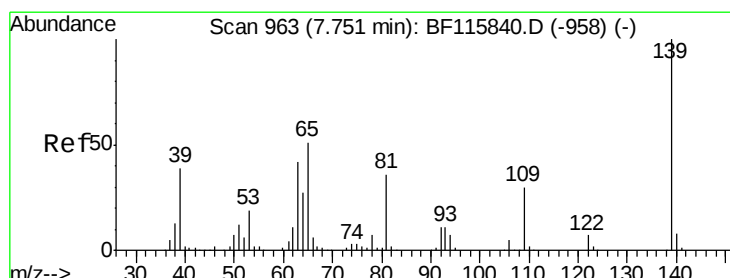
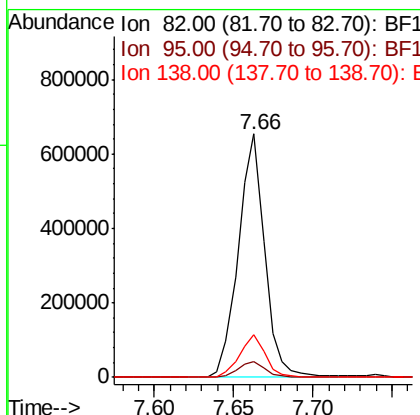
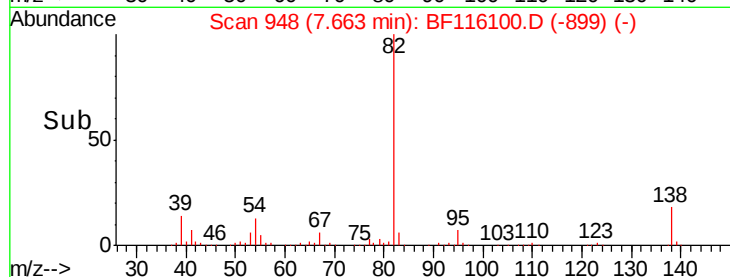
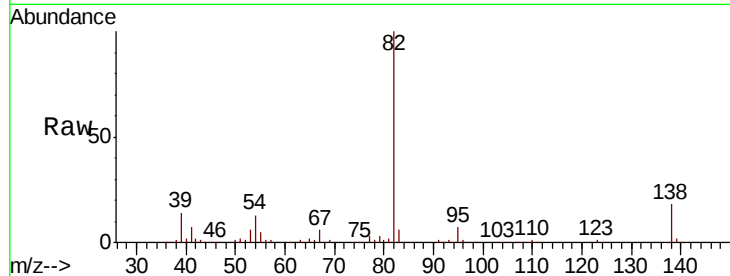
#25
Isophorone
Concen: 42.295 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	751989		
95	6.6		5.4	8.0
138	17.7		14.5	21.7

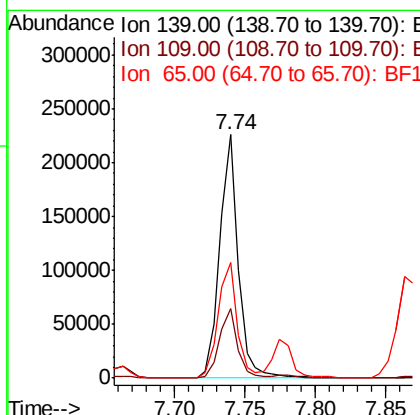
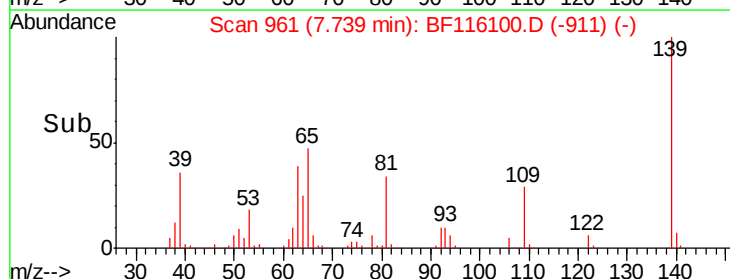
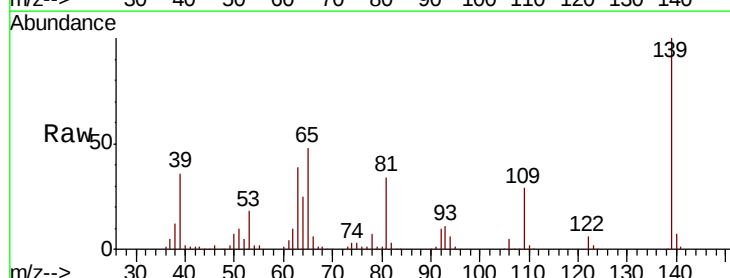
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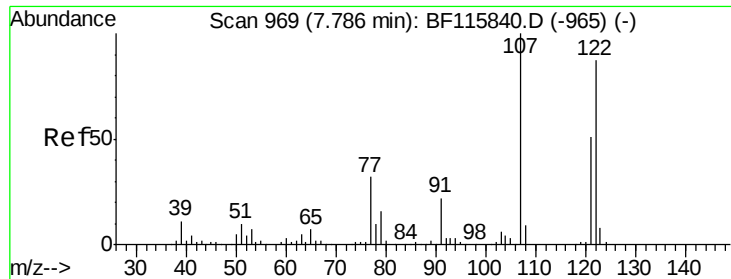
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#26
2-Nitrophenol
Concen: 43.905 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	207785		
109	28.7		23.4	35.2
65	47.6		41.1	61.7





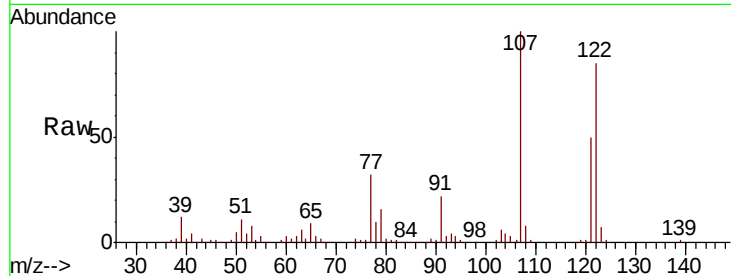
#27
2,4-Dimethylphenol
Concen: 47.217 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampled :
PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	336192		
107	117.2	93.0	139.6	
121	58.4	47.6	71.4	

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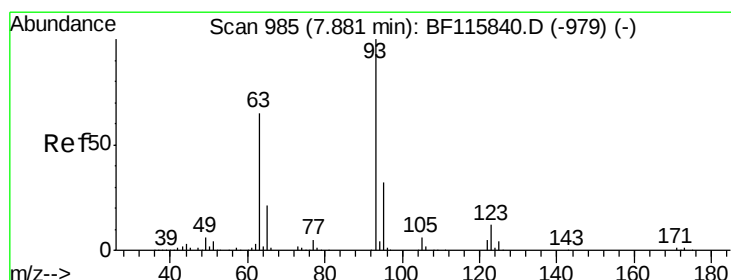
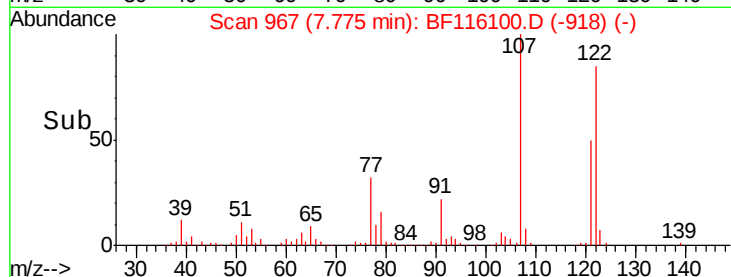
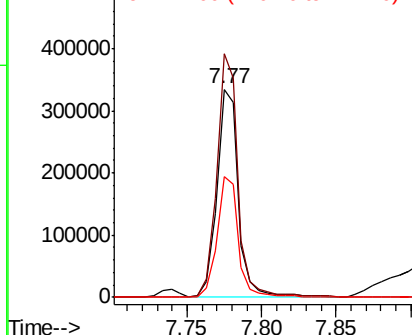


Abundance

Ion 122.00 (121.70 to 122.70): E

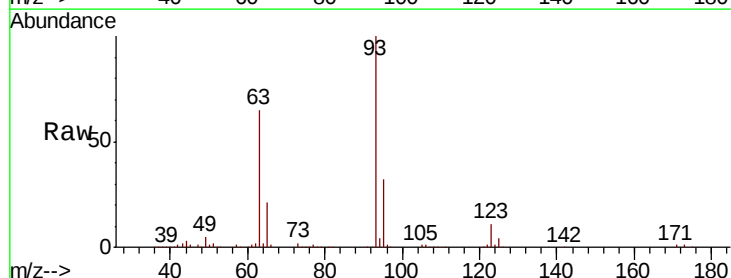
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.873 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	461441		
95	32.3	26.2	39.4	
123	11.1	9.2	13.8	

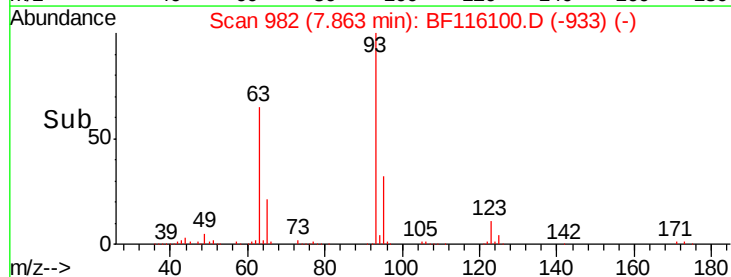
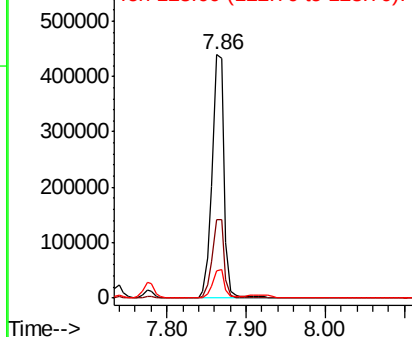


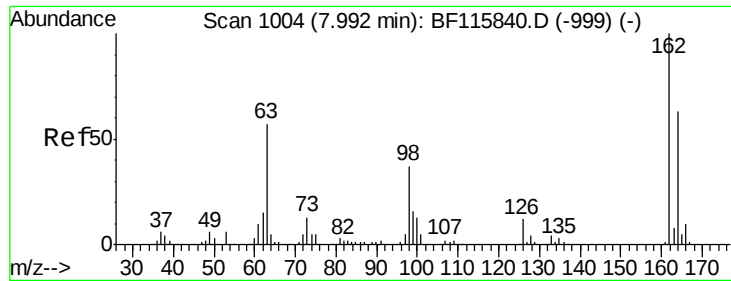
Abundance

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





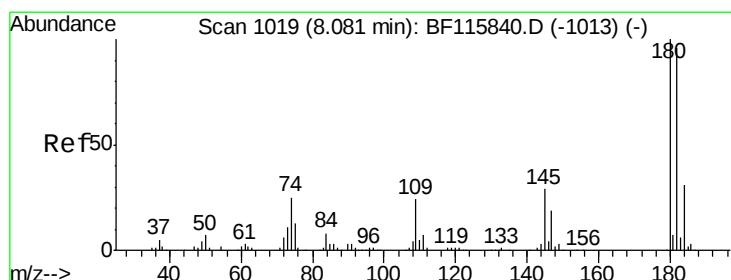
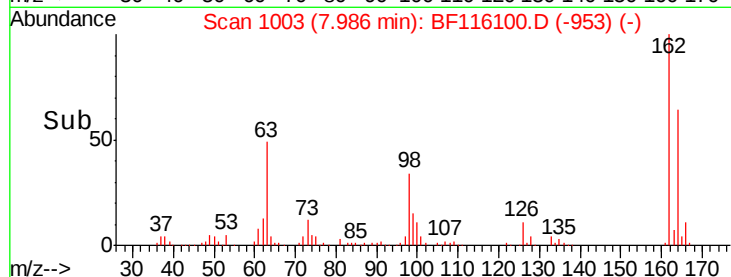
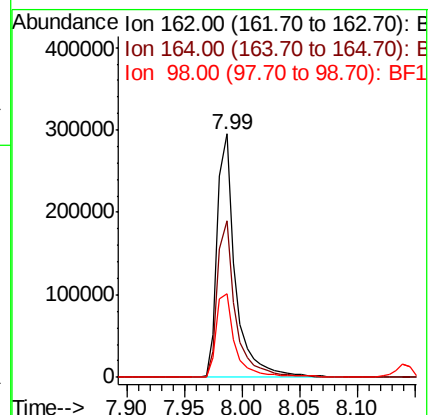
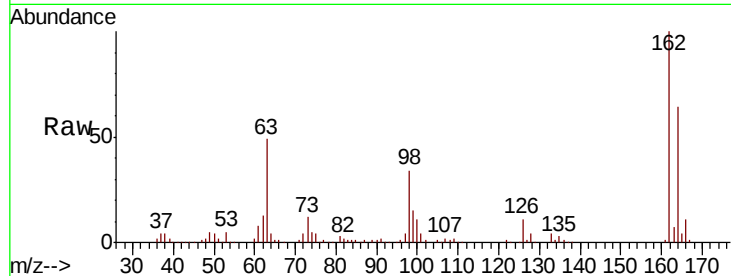
#29
2,4-Dichlorophenol
Concen: 43.054 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	323677		
164	64.1	45.1	85.1	
98	34.2	15.8	55.8	

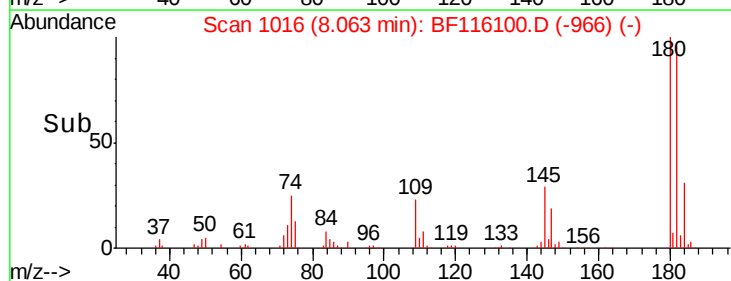
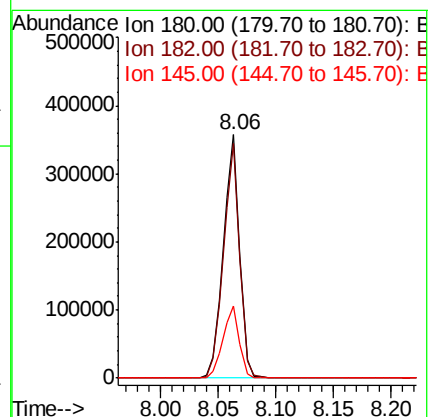
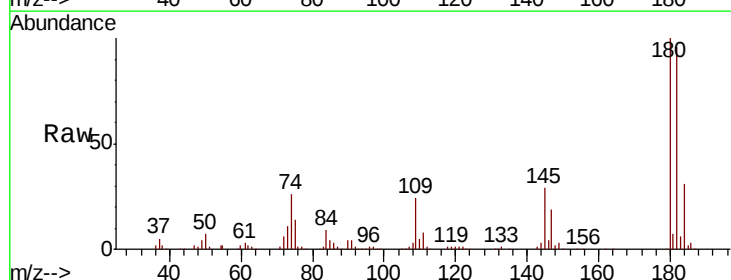
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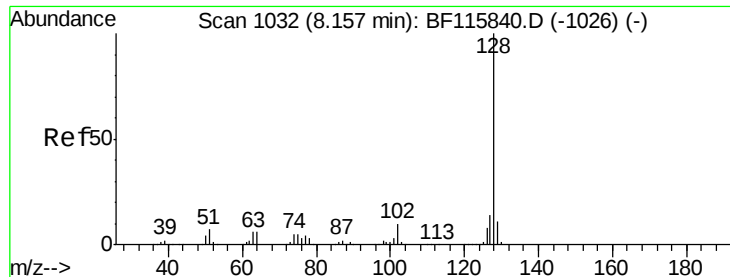
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#30
1,2,4-Trichlorobenzene
Concen: 40.798 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	349630		
182	96.3	75.7	113.5	
145	29.4	24.3	36.5	





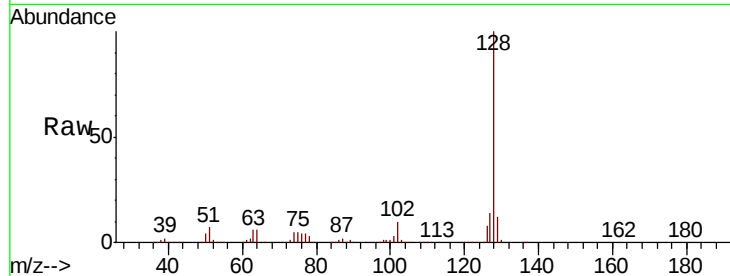
#31
Naphthalene
Concen: 42.242 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampled :
PB122079BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.9	11.4	17.0

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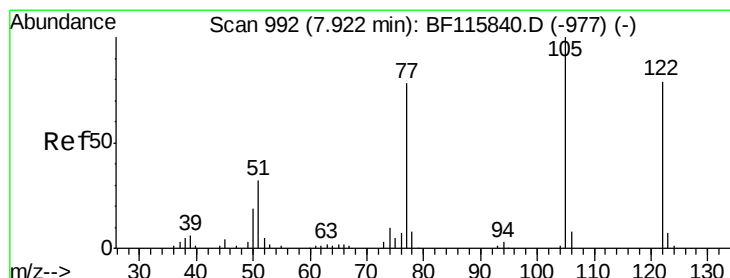
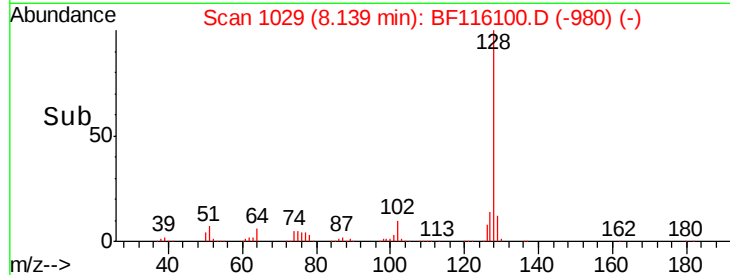
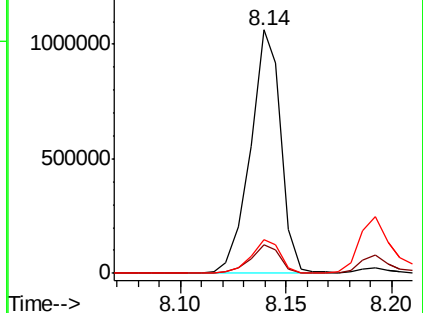


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 40.221 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

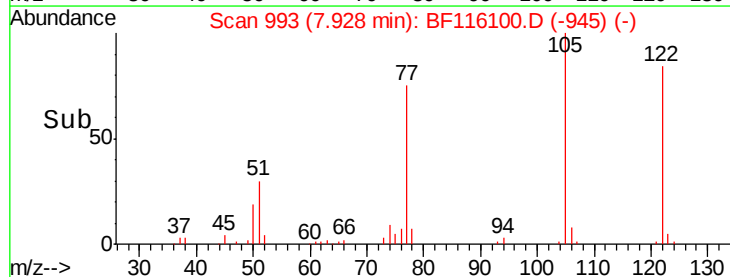
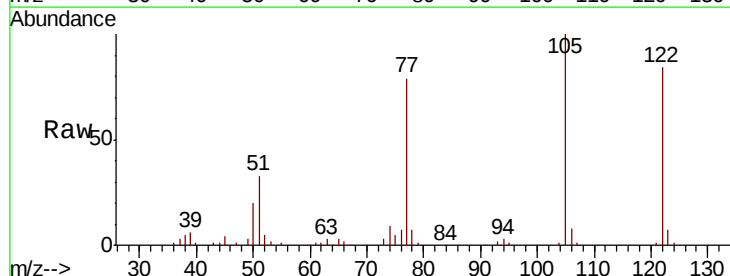
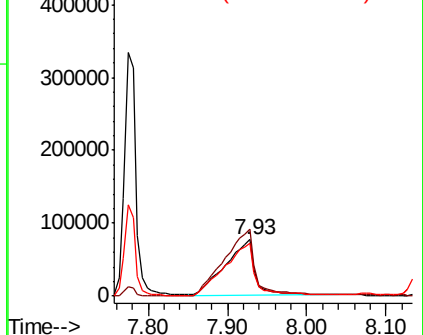
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	106.1	146.1
77	93.3	76.7	116.7

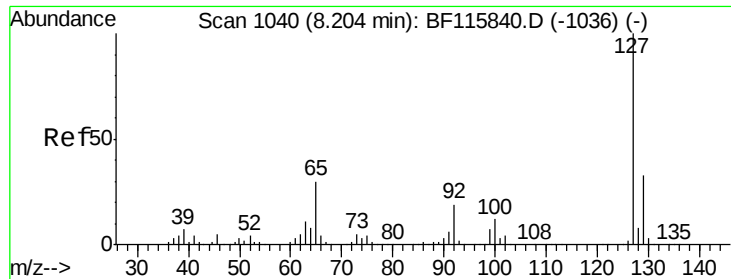
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





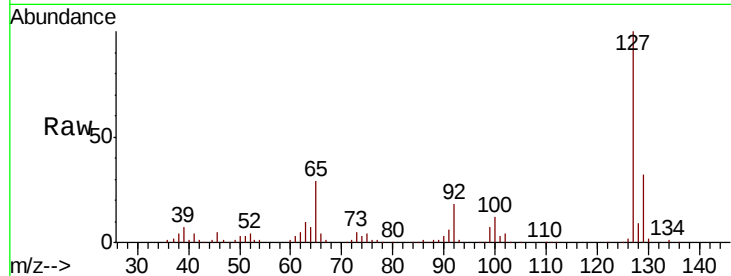
#33
4-Chloroaniline
Concen: 26.949 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

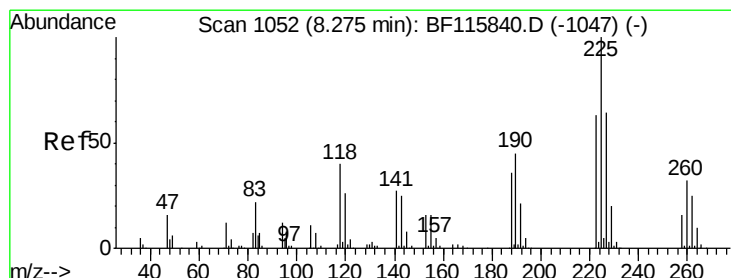
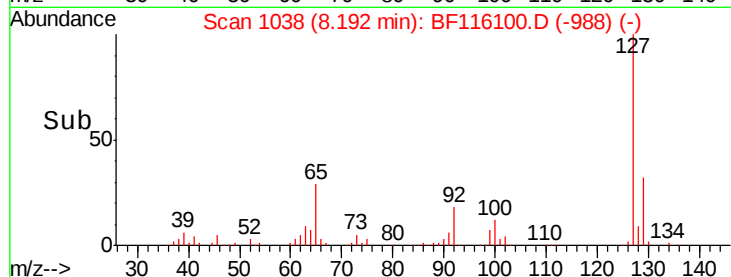
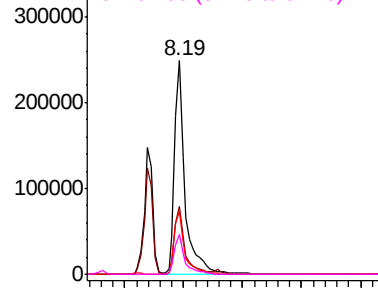
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.1	39.1		
65	29.5	24.9	37.3		
92	18.4	15.7	23.5		

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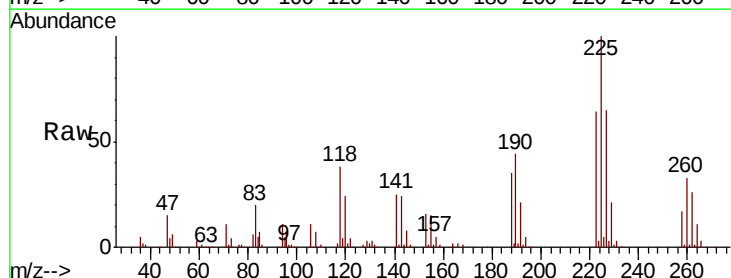


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

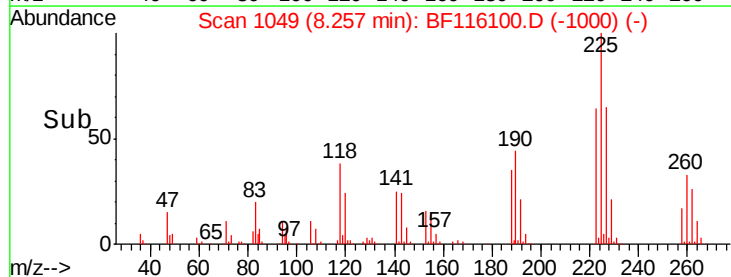
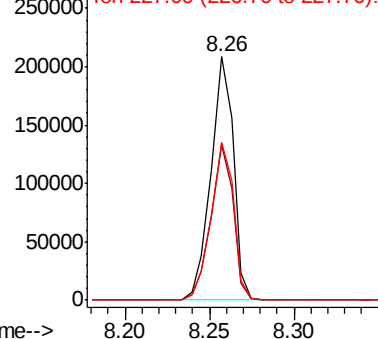


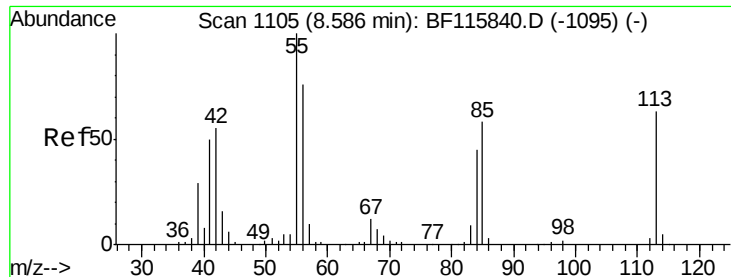
#34
Hexachlorobutadiene
Concen: 39.191 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.0	75.0		
227	64.8	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: 40.322 ng/ml

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

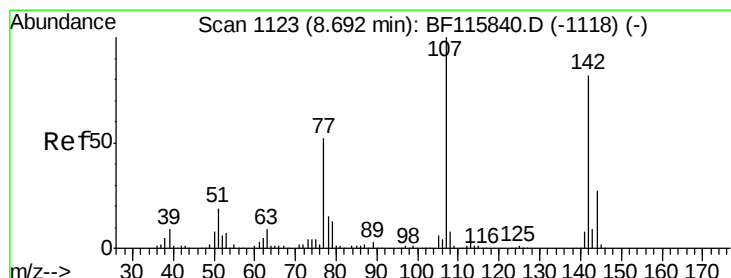
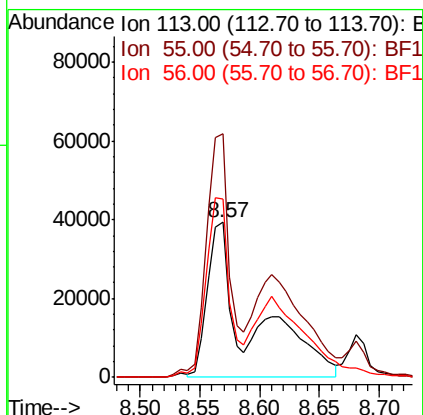
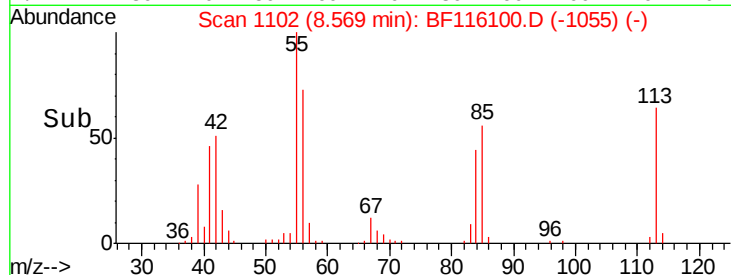
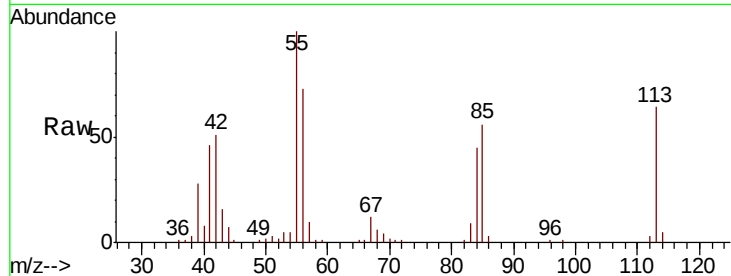
ClientSampleID :

PB122079BS

Tot Ion:	113	Resp:	98041
Ion	Ratio	Lower	Upper
113	100		
55	157.2	144.3	184.3
56	114.9	97.1	137.1

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#36

4-Chloro-3-methylphenol

Concen: 42.996 ng/ml

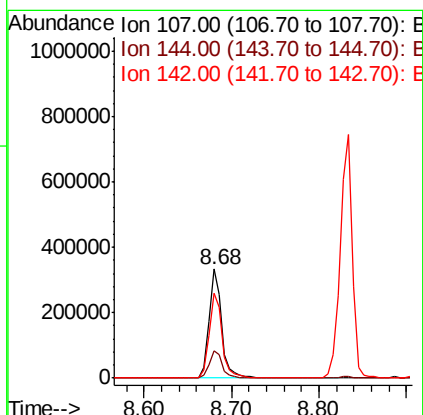
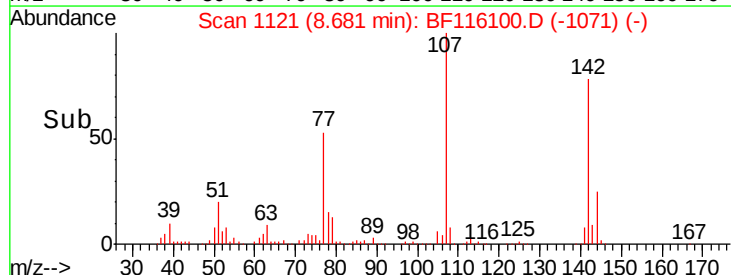
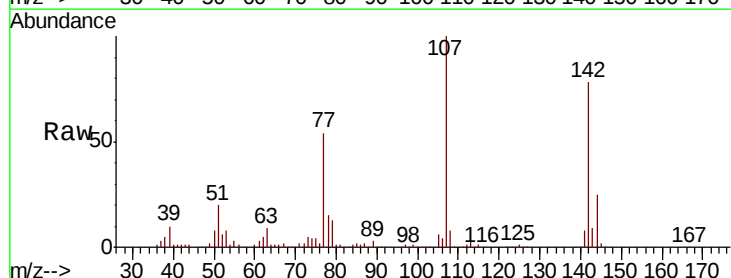
RT: 8.68 min Scan# 1121

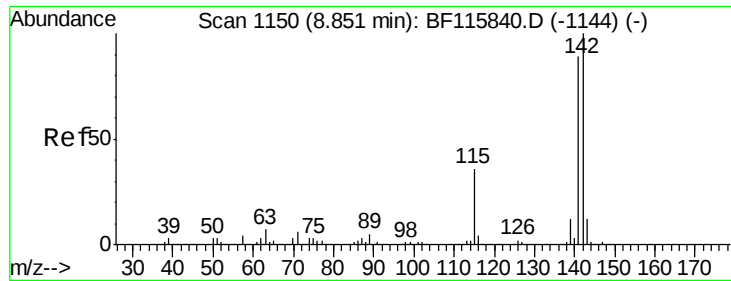
Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion:	107	Resp:	336272
Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.2	30.2
142	78.1	61.7	92.5





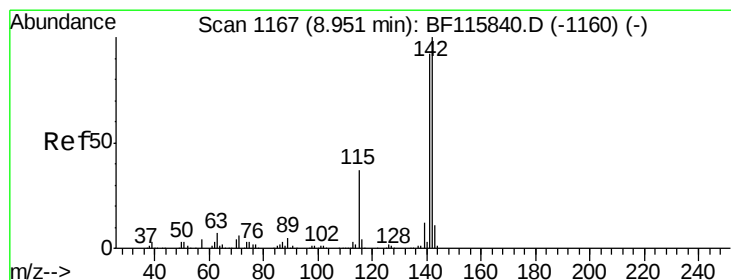
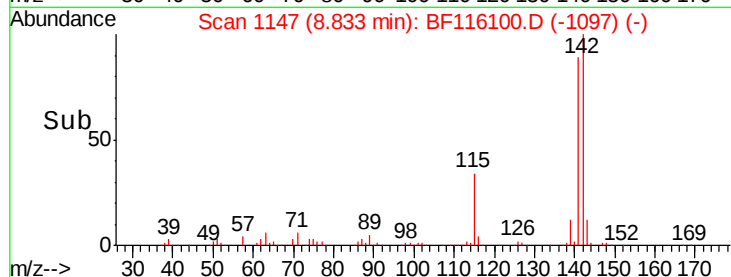
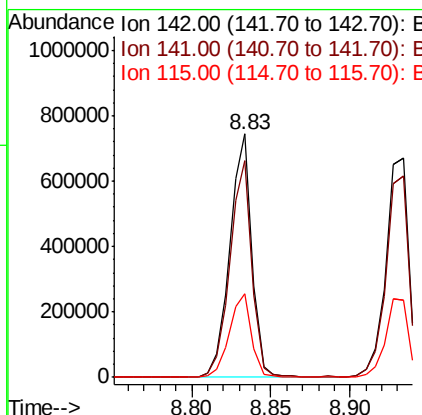
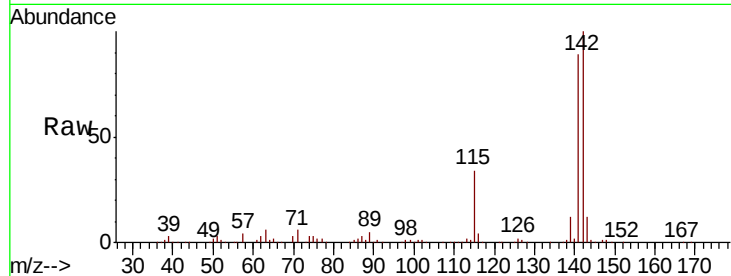
#37
2-Methylnaphthalene
Concen: 43.035 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3
115	34.2	29.0	43.6

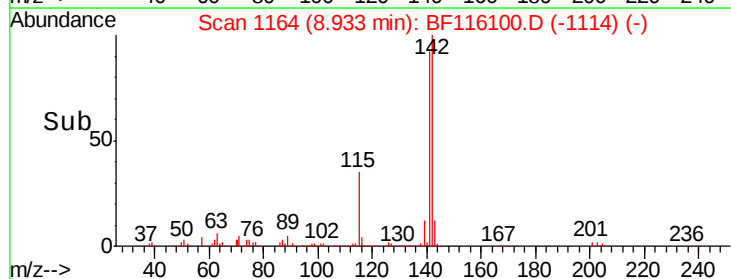
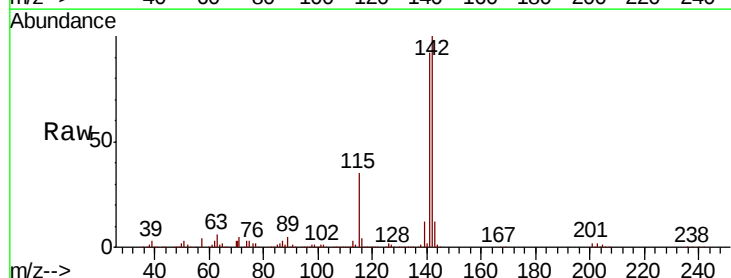
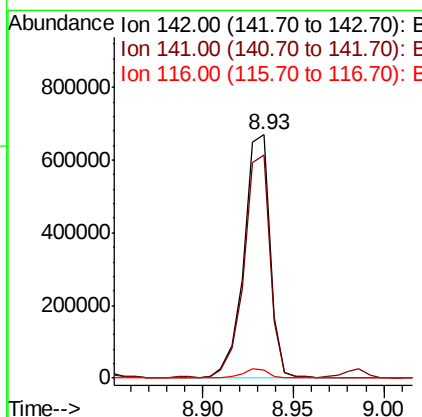
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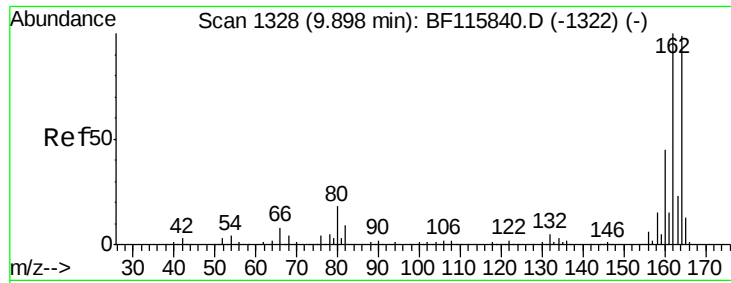
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#38
1-Methylnaphthalene
Concen: 42.401 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.4	111.6
116	3.6	3.1	4.7





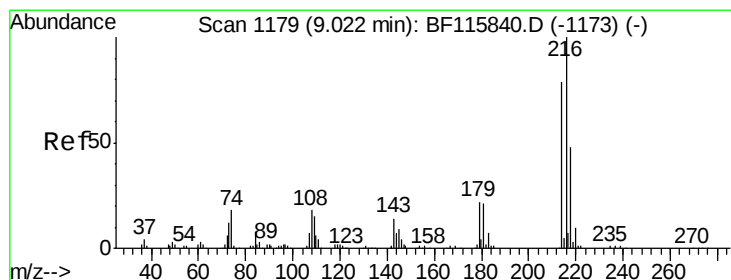
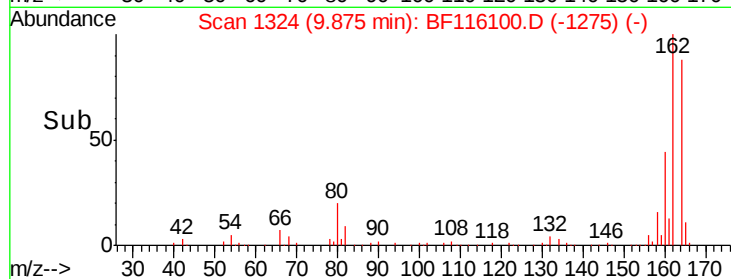
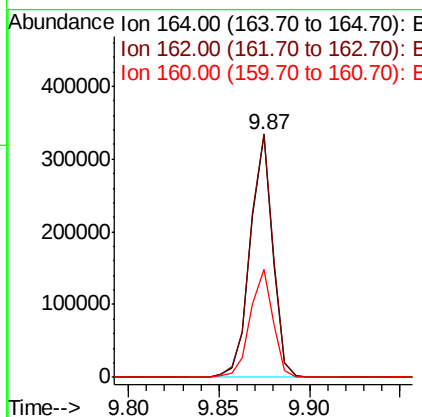
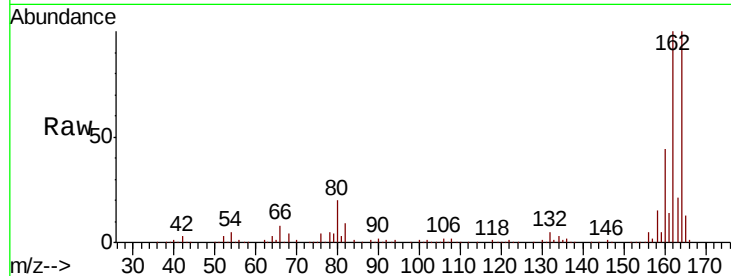
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	82.6	124.0	
160	44.3	37.6	56.4	

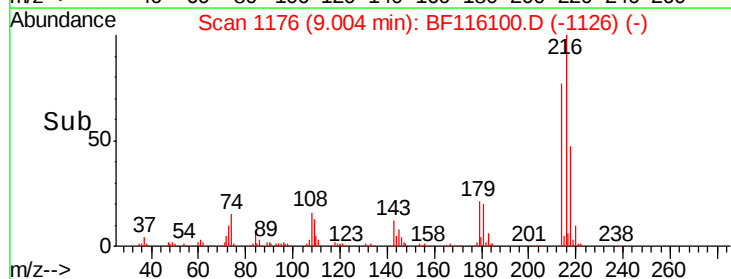
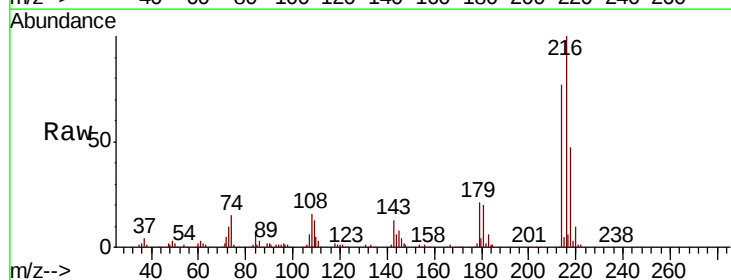
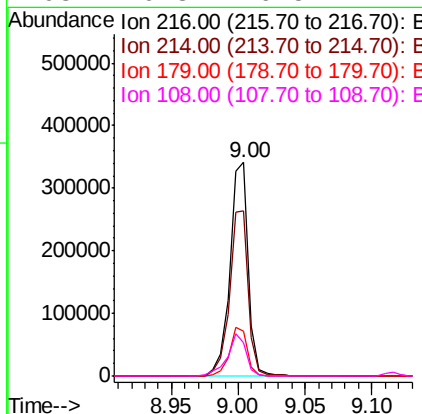
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.161 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.6	95.4	
179	22.0	17.8	26.8	
108	20.3	16.5	24.7	





#41

Hexachlorocyclopentadiene

Concen: 48.294 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

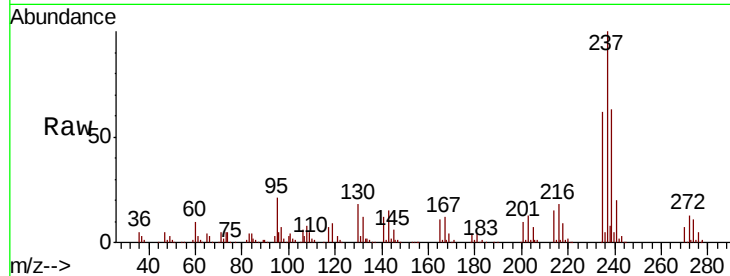
ClientSampled :

PB122079BS

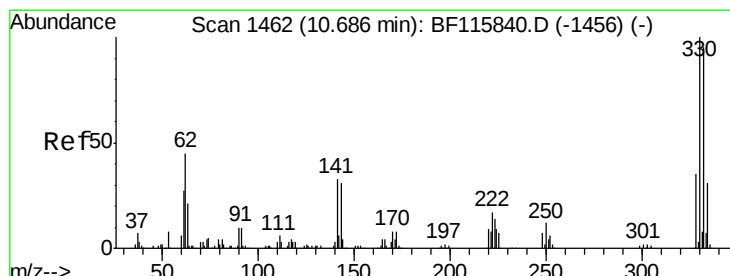
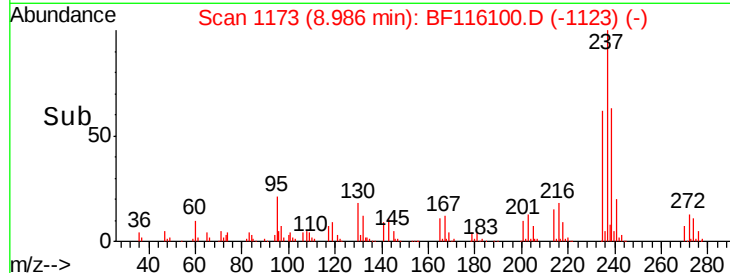
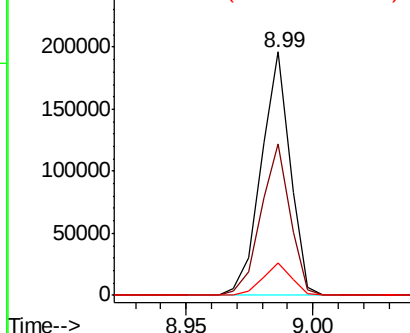
Tot Ion:	237	Resp:	156900
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.4	83.4
272	13.2	0.0	33.2

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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: 111.835 ng

RT: 10.67 min Scan# 1459

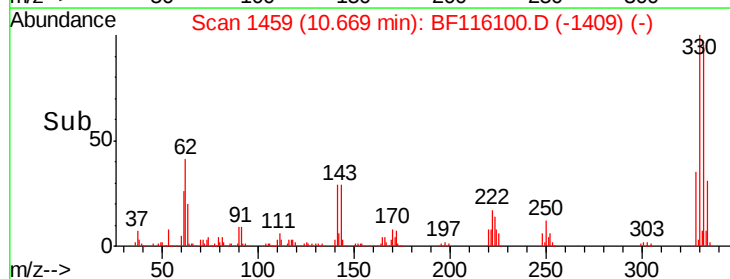
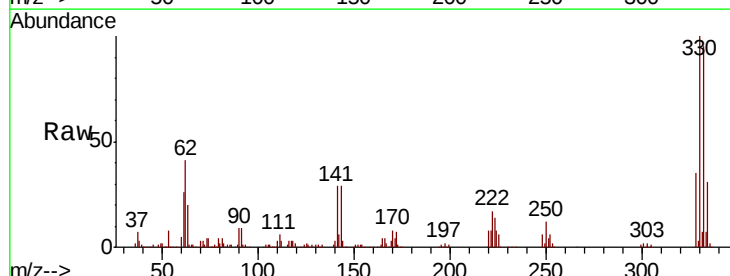
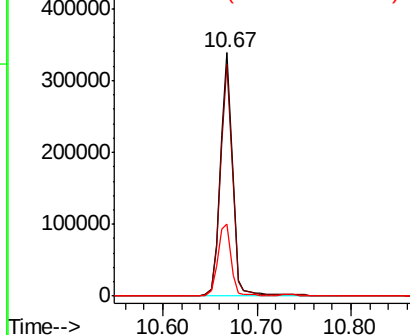
Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion:	330	Resp:	309770
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.8	115.2
141	32.8	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





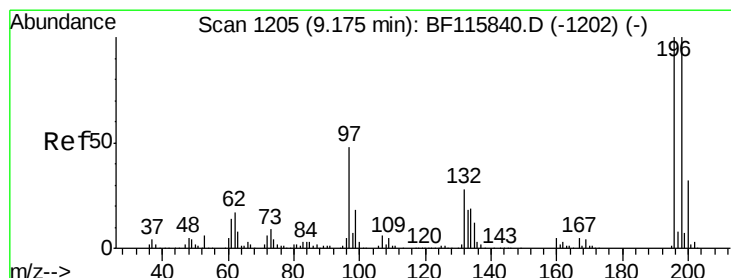
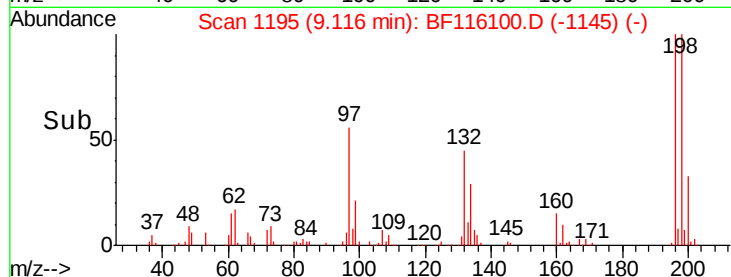
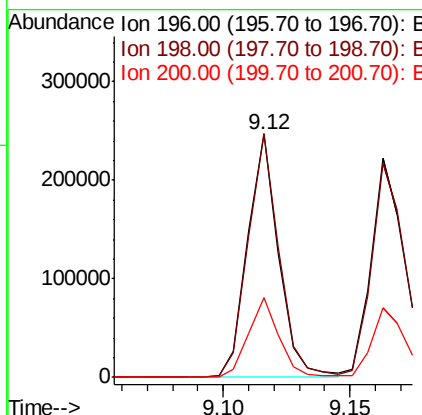
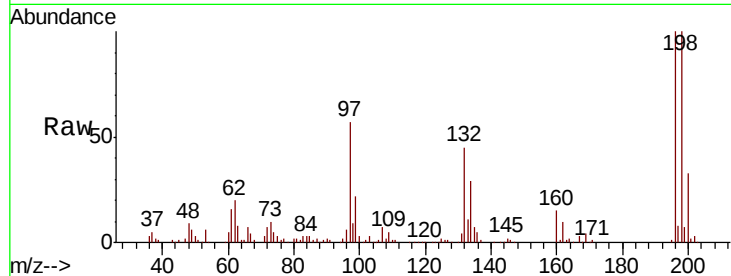
#43
 2,4,6-Trichlorophenol
 Concen: 40.163 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :
 PB122079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	100.2	79.2	118.8		
200	32.6	25.2	37.8		

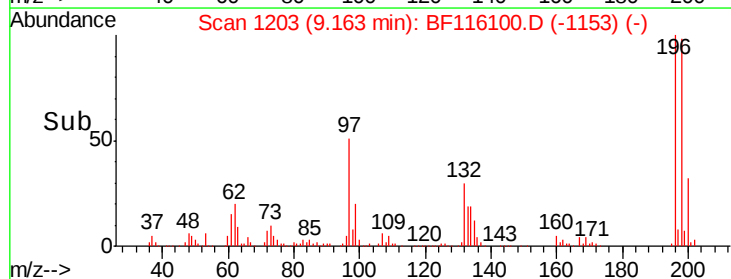
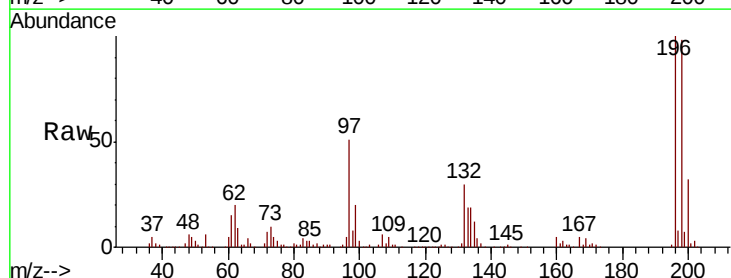
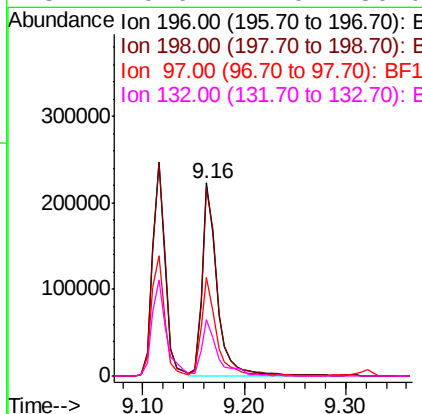
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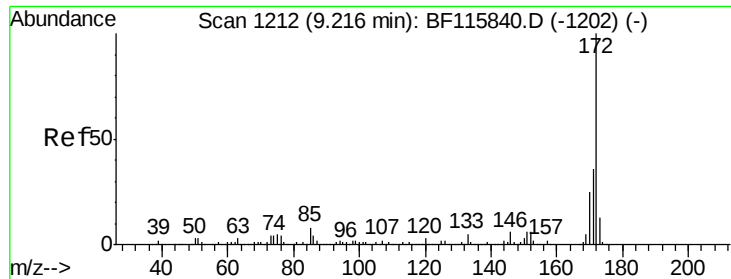
Sohil
 8/13/2019 7:17:44 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.967 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	97.6	78.8	118.2		
97	51.4	42.2	63.4		
132	29.6	24.0	36.0		





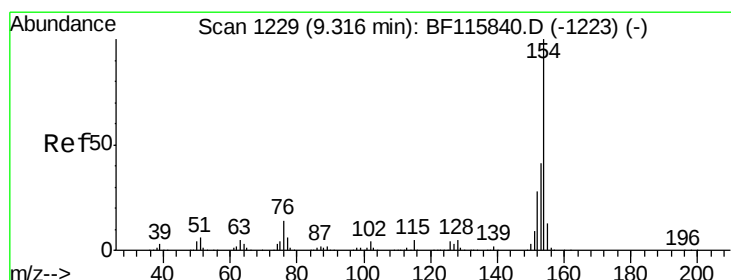
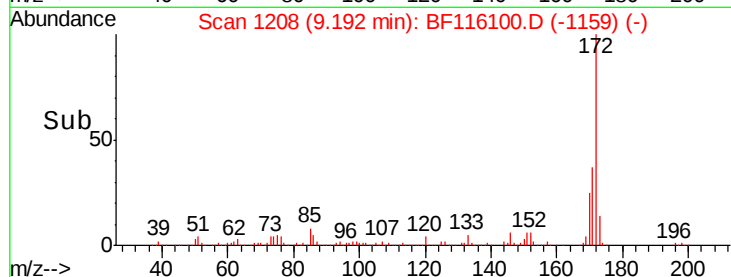
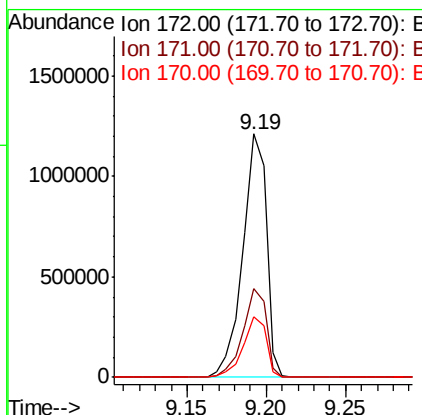
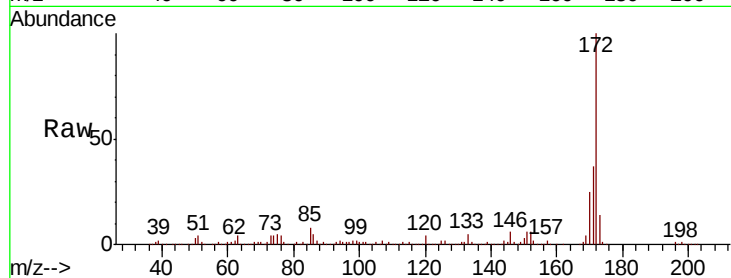
#45
2-Fluorobiphenyl
Concen: 82.095 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.1	20.1	30.1

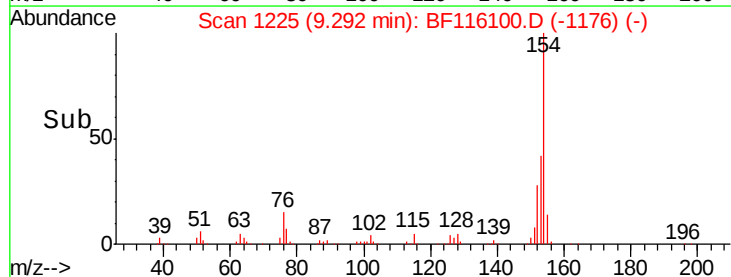
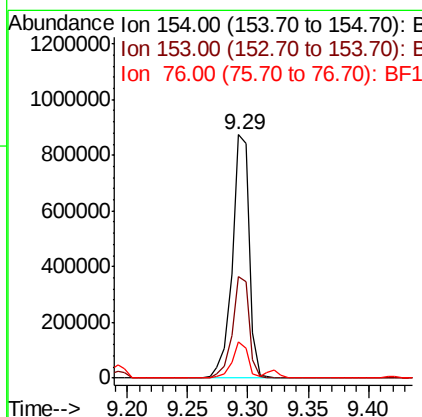
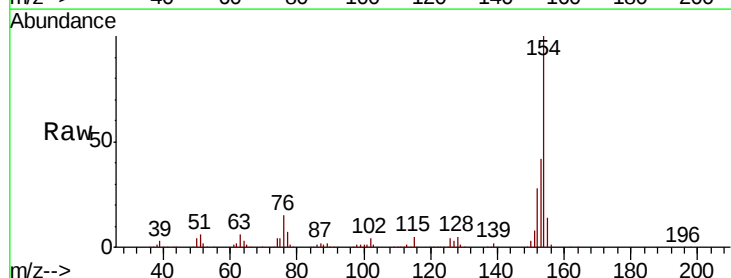
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#46
1,1'-Biphenyl
Concen: 42.510 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.4	61.4
76	15.0	0.0	35.2





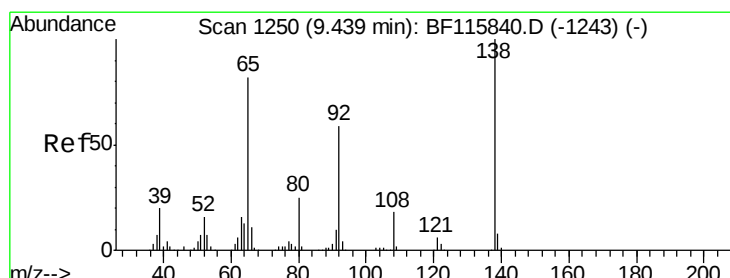
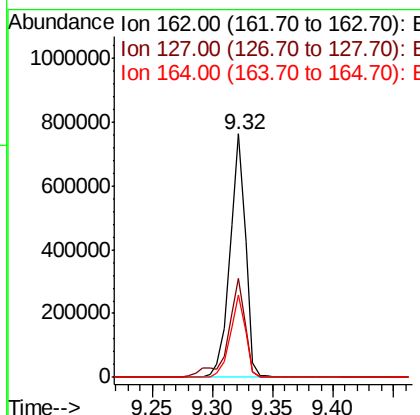
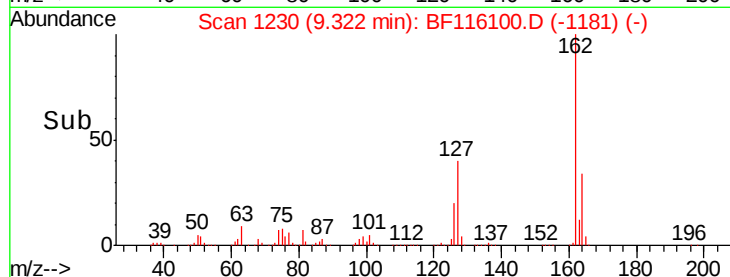
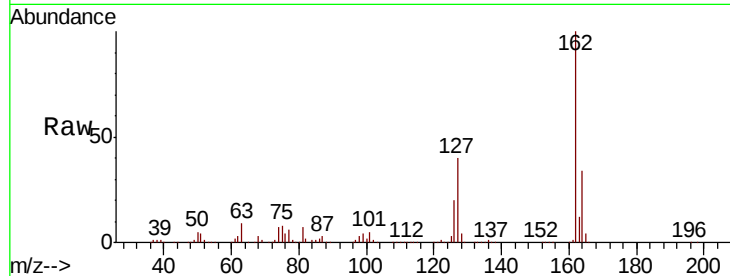
#47
2-Chloronaphthalene
Concen: 40.770 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	32.8	49.2	
164	33.7	26.6	39.8	

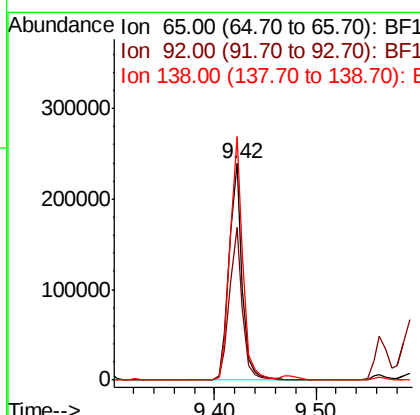
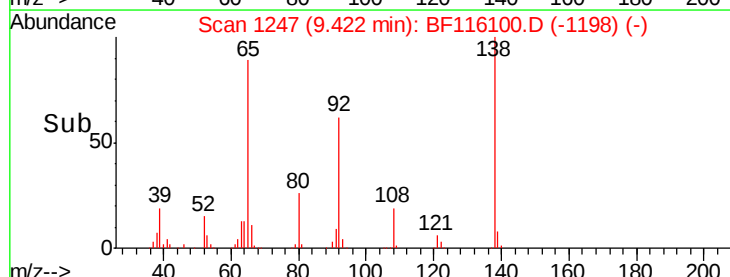
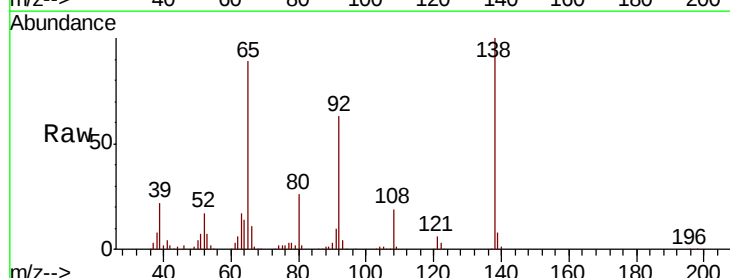
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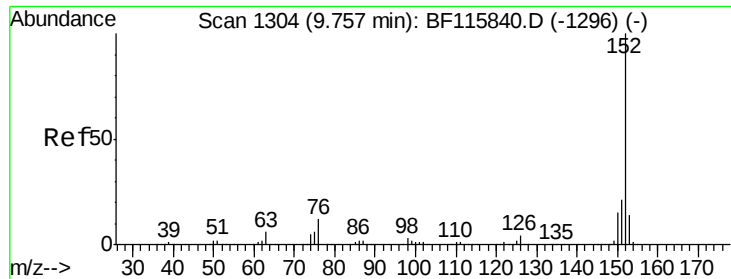
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#48
2-Nitroaniline
Concen: 38.875 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.5	57.8	86.8	
138	112.6	94.0	141.0	





#49

Acenaphthylene

Concen: 41.961 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

ClientSampled :

PB122079BS

Tot Ion:152 Resp: 1027665

Ion Ratio Lower Upper

152 100

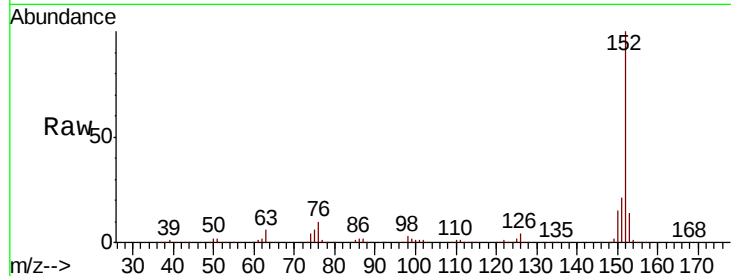
151 20.9 17.2 25.8

153 14.0 11.8 17.8

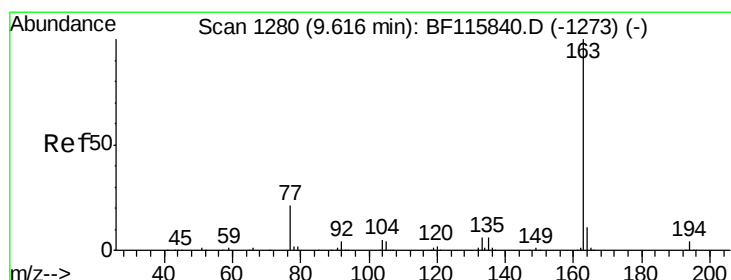
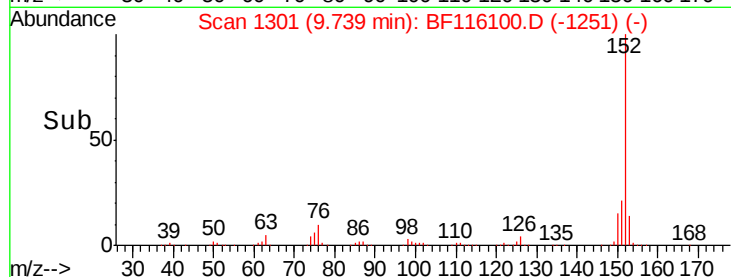
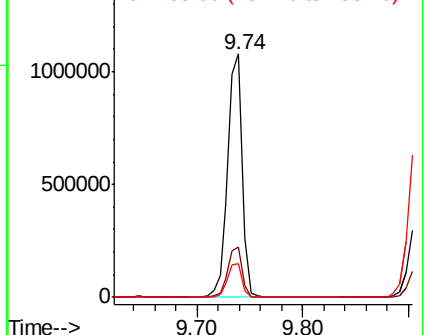
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.723 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

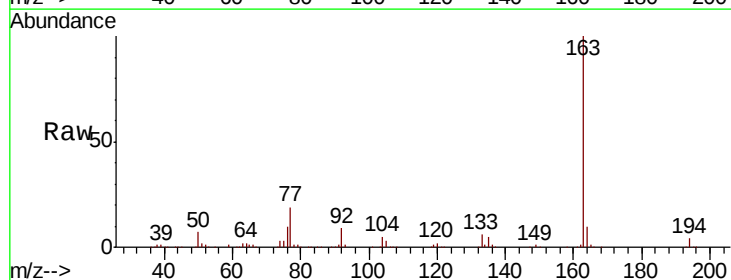
Tgt Ion:163 Resp: 811625

Ion Ratio Lower Upper

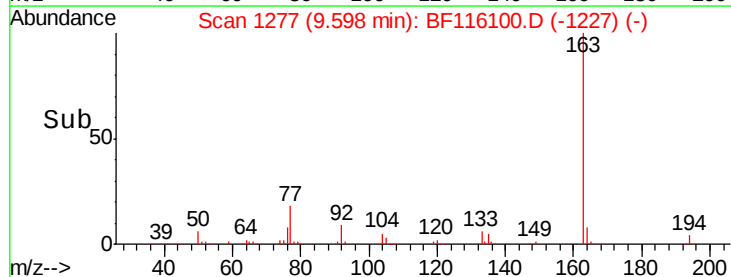
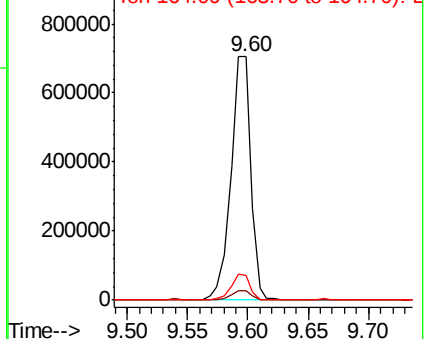
163 100

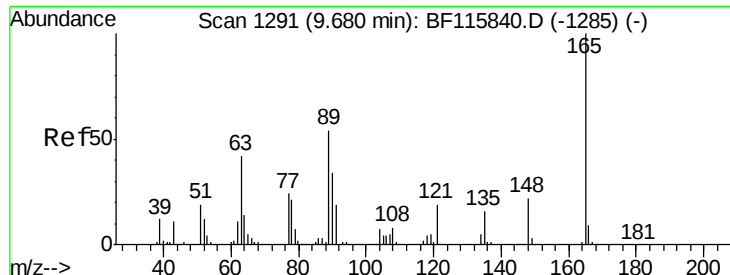
194 3.9 3.0 4.6

164 9.9 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





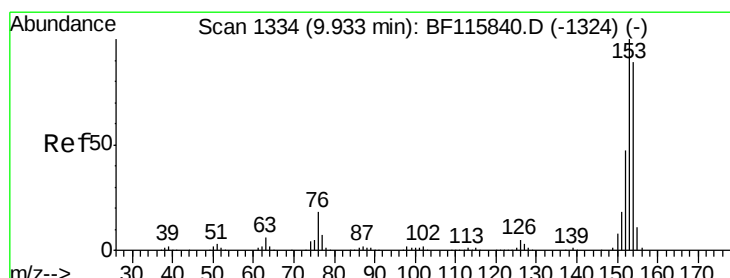
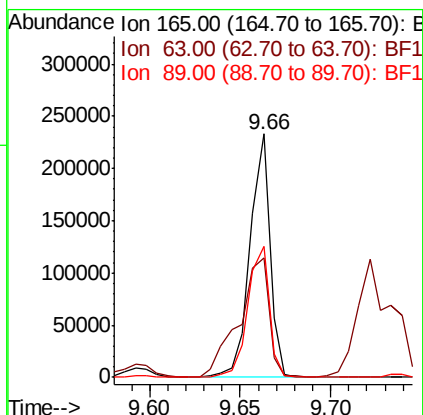
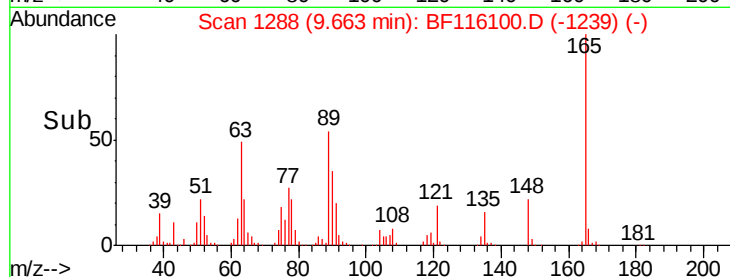
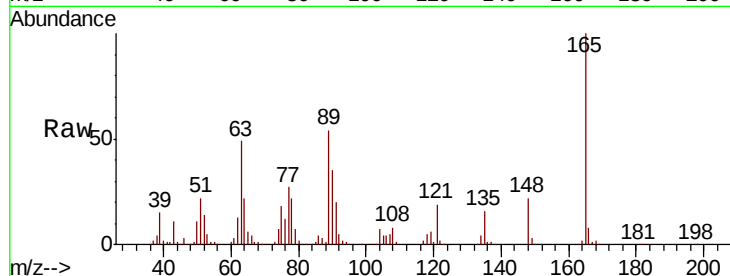
#51
2,6-Dinitrotoluene
Concen: 42.565 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion:	165	Resp:	179937
Ion Ratio	Lower	Upper	
165	100		
63	49.3	38.2	57.2
89	53.6	42.9	64.3

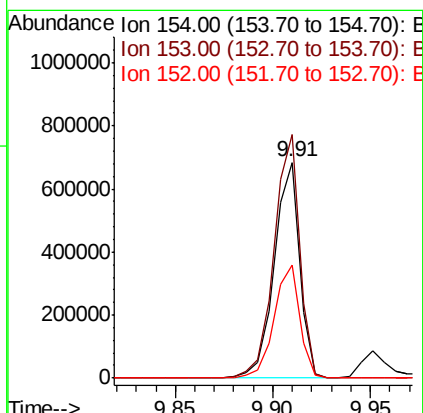
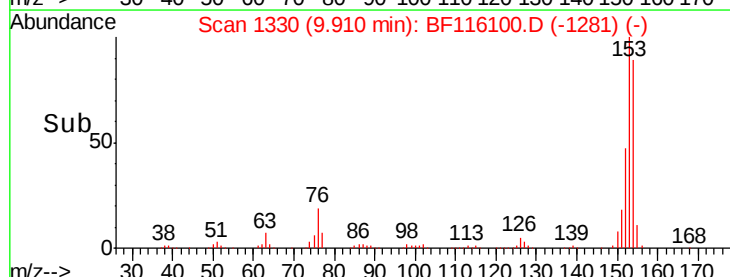
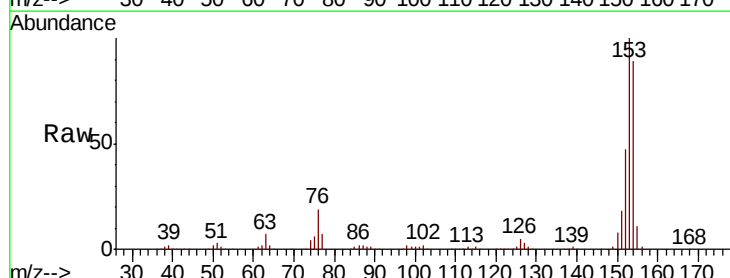
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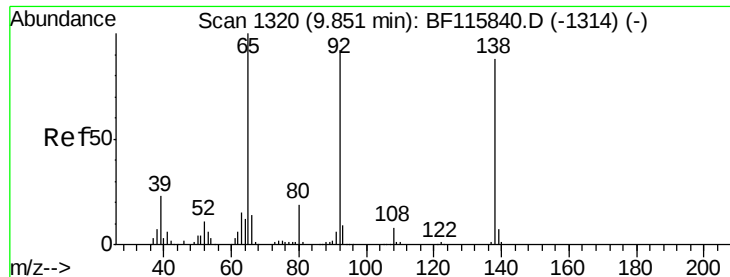
Sohil
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#52
Acenaphthene
Concen: 41.202 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion:	154	Resp:	619066
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.4	134.0
152	52.6	42.3	63.5





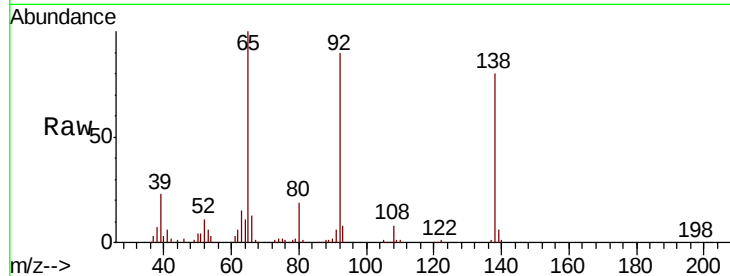
#53
 3-Nitroaniline
 Concen: 28.468 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :
 PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	148704		
108	10.3	8.0	12.0	
92	112.3	91.0	136.6	

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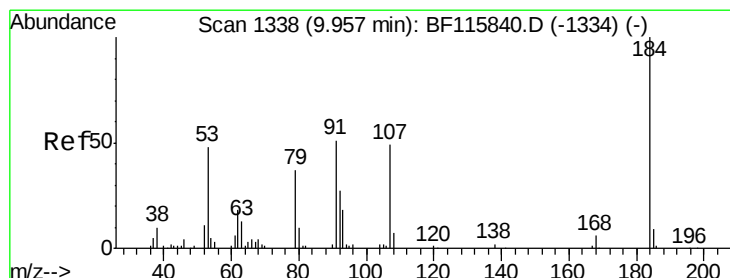
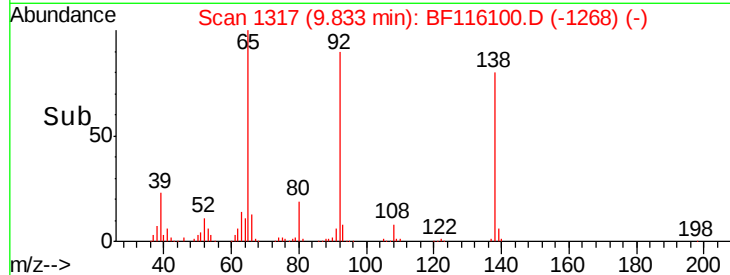
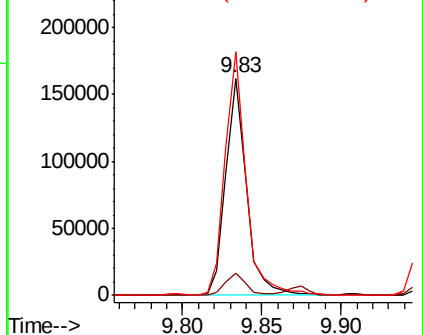


Abundance

Ion 138.00 (137.70 to 138.70): E

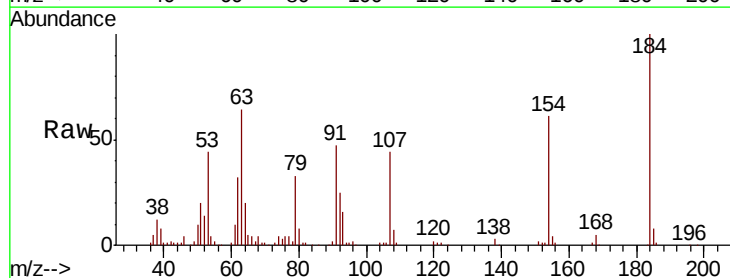
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 71.549 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	151871		
63	64.5	53.0	79.4	
154	60.9	50.1	75.1	

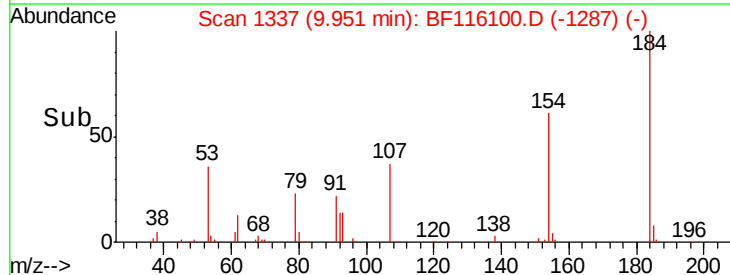
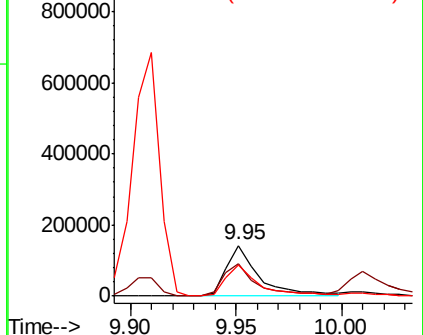


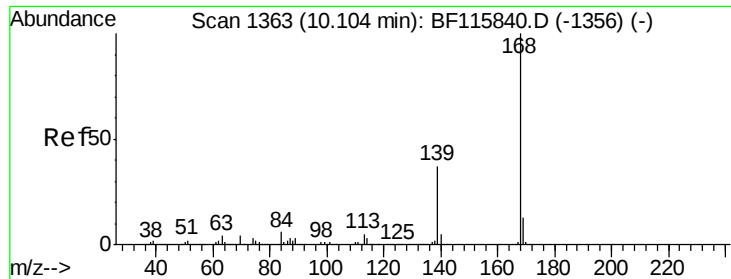
Abundance

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





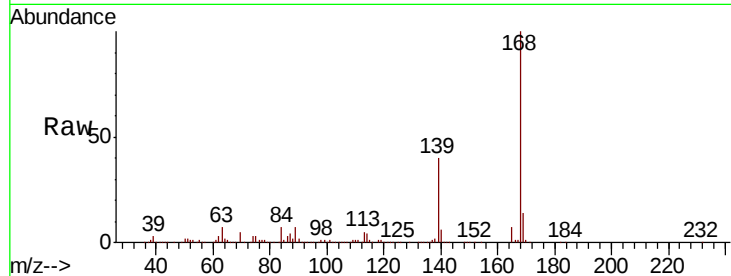
#55
Dibenzofuran
Concen: 41.515 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampled :
PB122079BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.4	47.2
169	13.7	10.9	16.3

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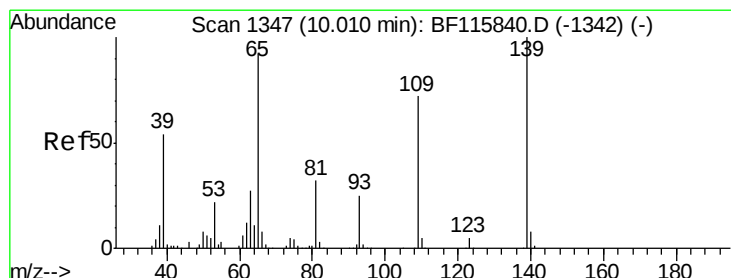
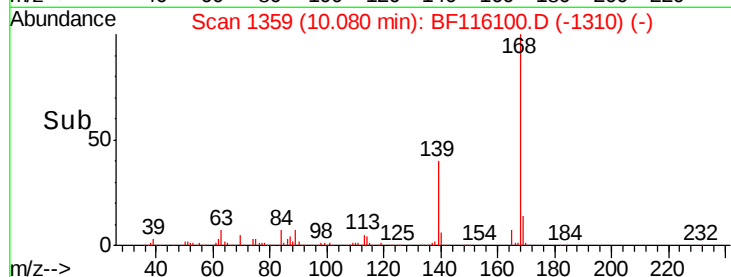
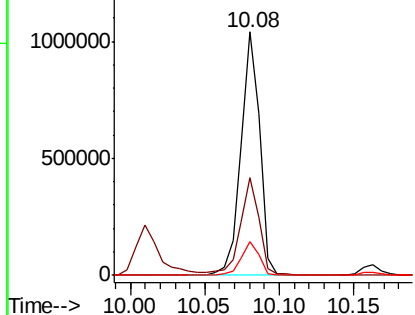


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 70.881 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

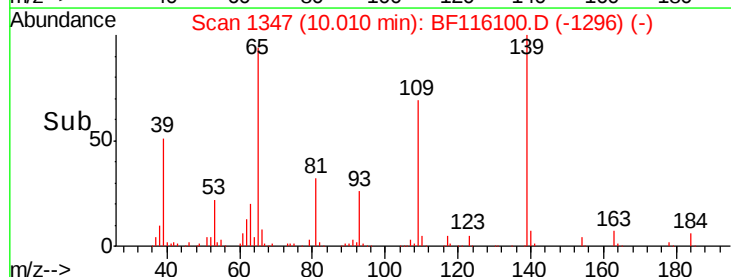
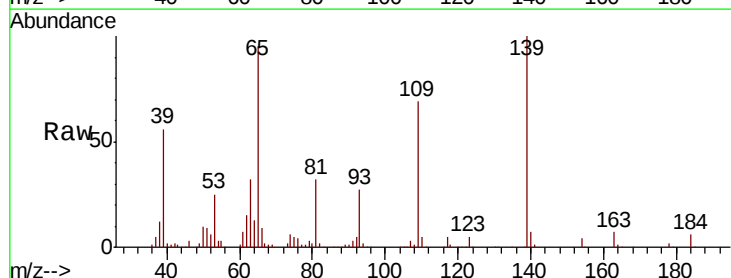
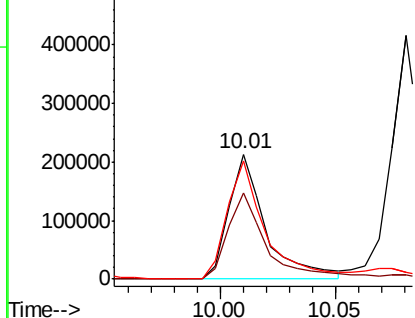
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	54.4	94.4
65	94.6	80.6	120.6

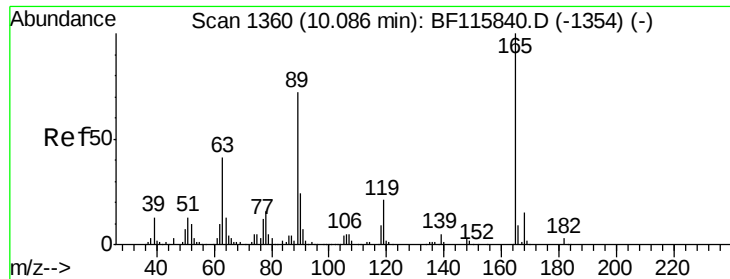
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.706 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

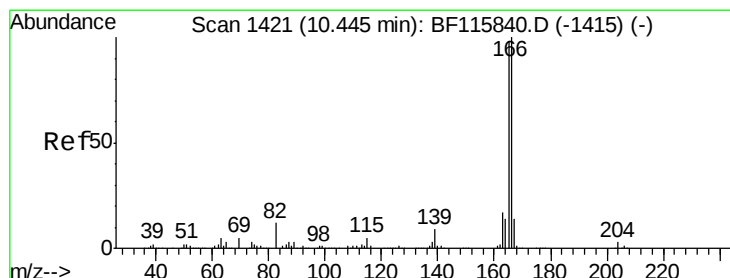
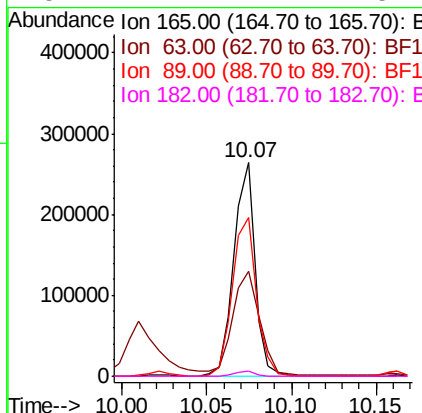
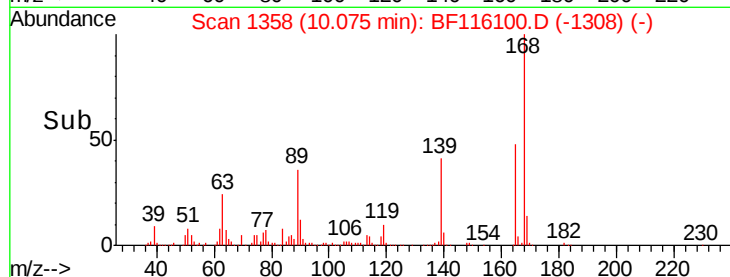
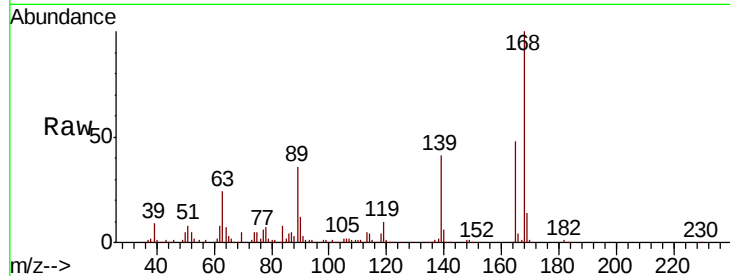
ClientSampleId :

PB122079BS

Tot Ion:	165	Resp:	229113
Ion Ratio	Lower	Upper	
165	100		
63	49.3	39.6	59.4
89	74.2	62.2	93.2
182	2.7	2.1	3.1

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#58

Fluorene

Concen: 42.617 ng

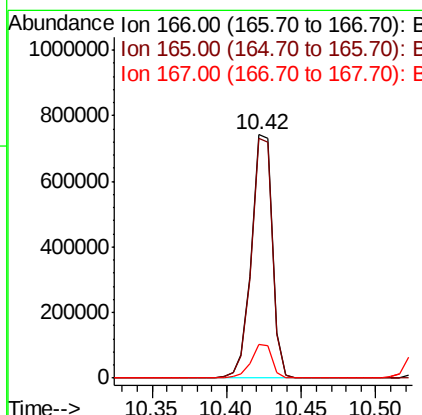
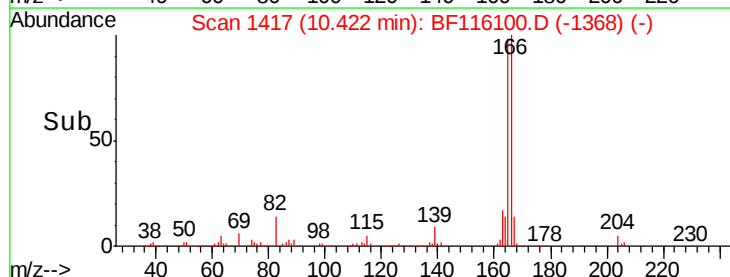
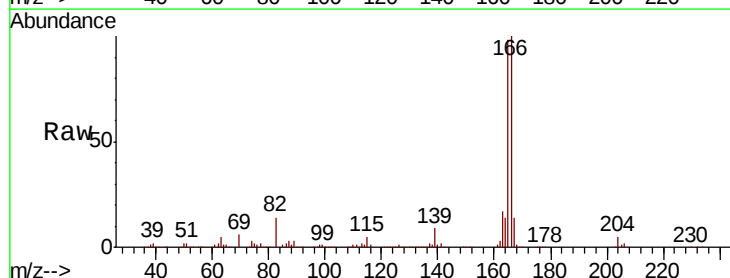
RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion:	166	Resp:	716433
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.4	117.6
167	13.9	11.0	16.4





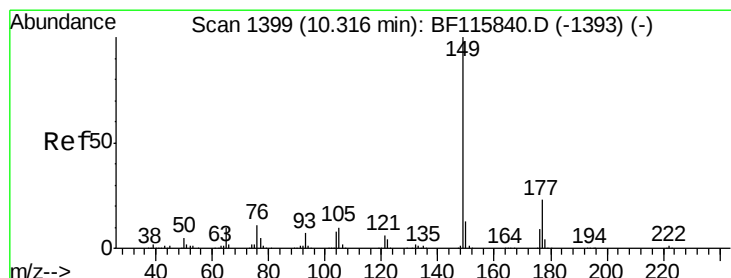
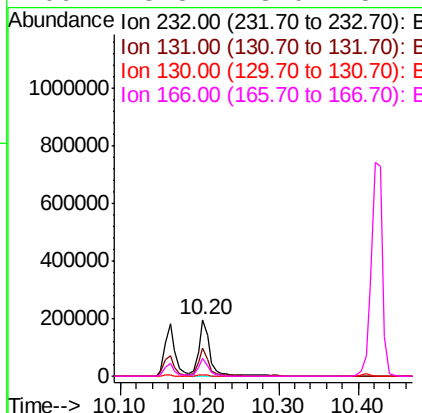
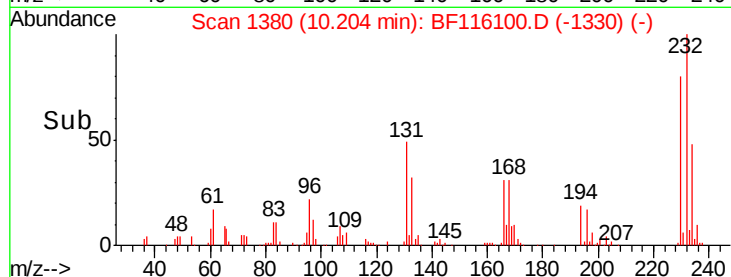
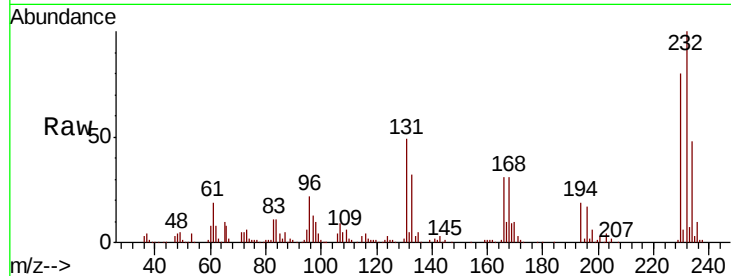
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.959 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampled :
 PB122079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		196407		
131	44.0	36.2	54.2		
130	2.3	1.9	2.9		
166	28.3	23.0	34.4		

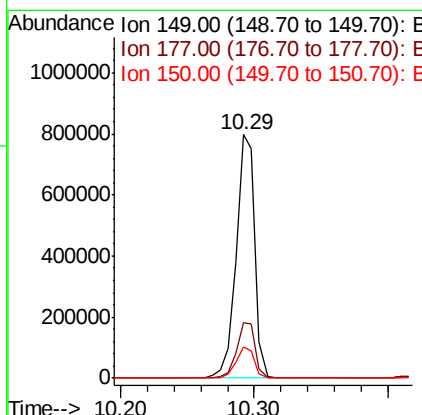
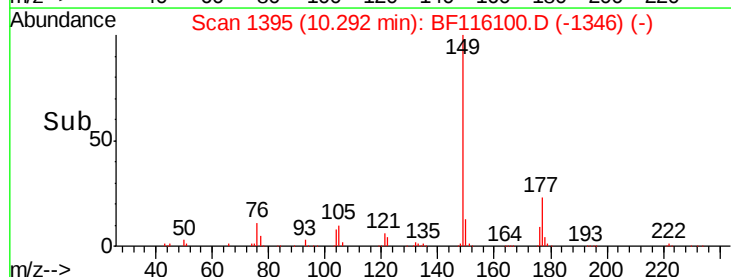
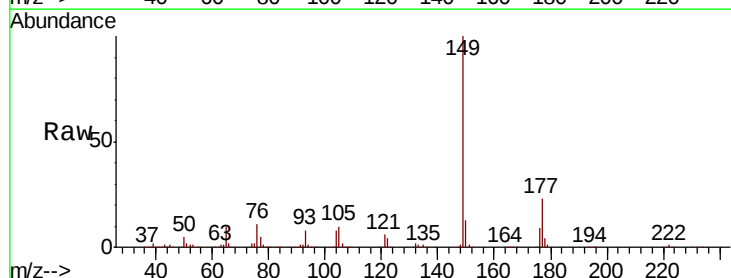
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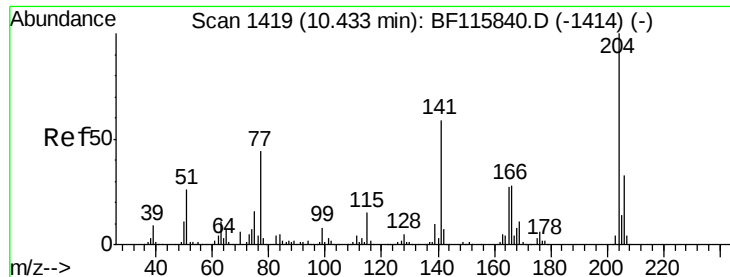
Sohil
 8/13/2019 7:17:44 AM



#60
 Diethylphthalate
 Concen: 42.637 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		774352		
177	22.5	18.8	28.2		
150	12.7	10.2	15.4		





#61

4-Chlorophenyl-phenylether

Concen: 42.548 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

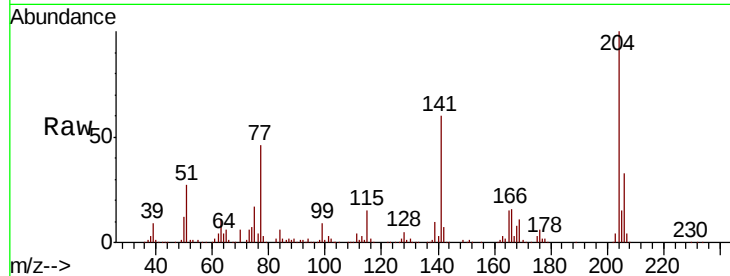
ClientSampleId :

PB122079BS

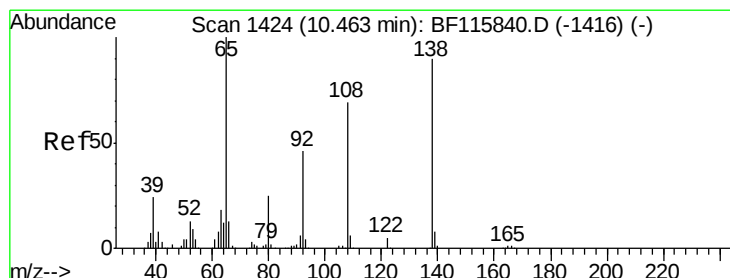
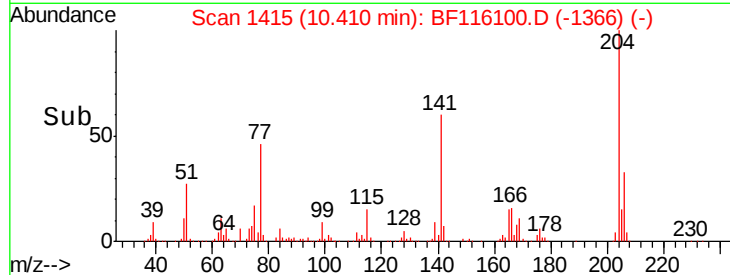
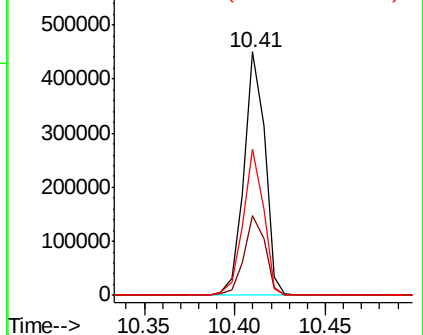
Tot Ion:	204	Resp:	362249
Ion Ratio		Lower	Upper
204	100		
206	32.9	26.4	39.6
141	60.2	46.4	69.6

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



#62

4-Nitroaniline

Concen: 35.925 ng

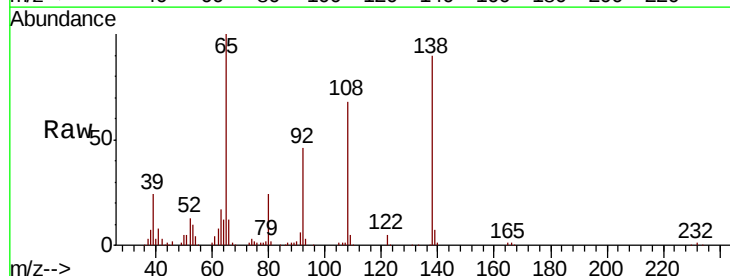
RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

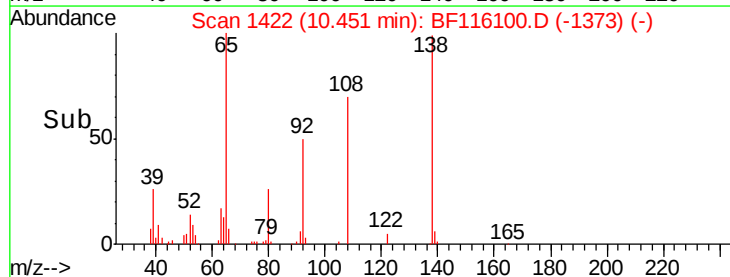
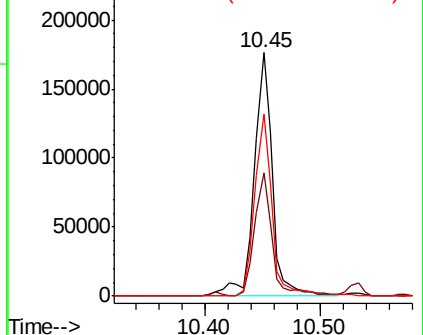
Lab File: BF116100.D

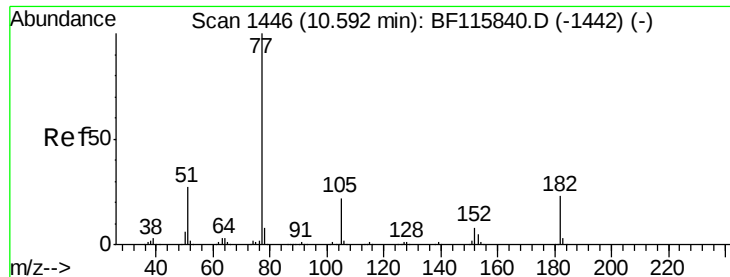
Acq: 9 Aug 2019 9:16

Tgt Ion:	138	Resp:	193929
Ion Ratio		Lower	Upper
138	100		
92	50.7	29.0	69.0
108	75.1	54.7	94.7



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





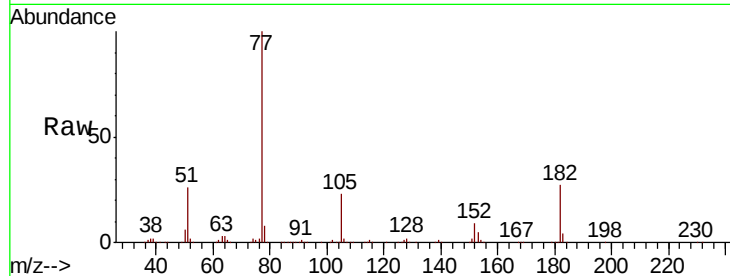
#63
Azobenzene
Concen: 42.520 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampled :
PB122079BS

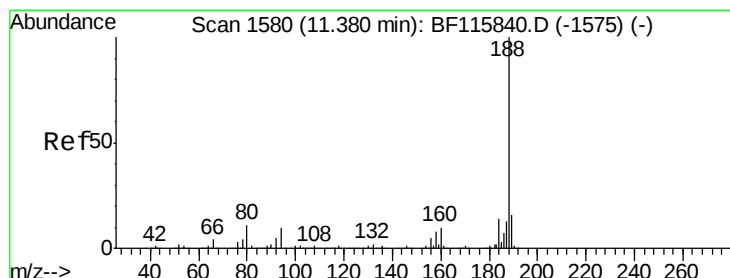
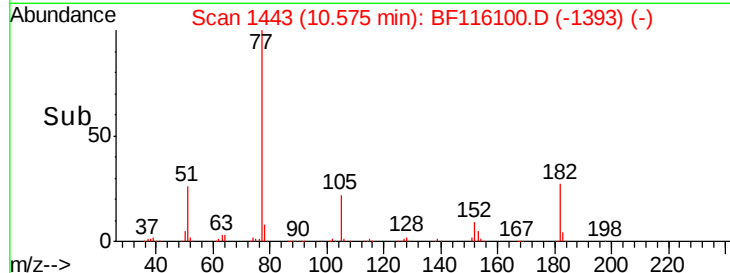
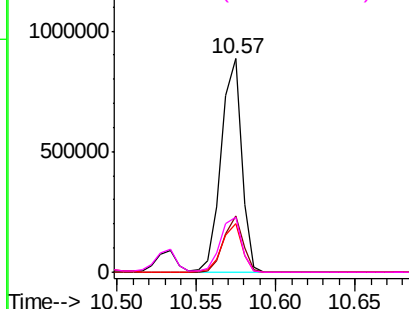
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.6	4.0	44.0		
105	22.7	2.0	42.0		
51	25.9	7.5	47.5		

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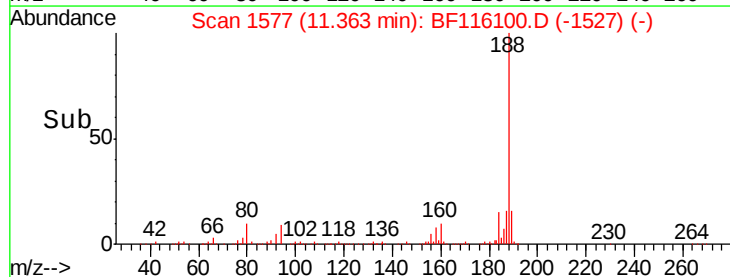
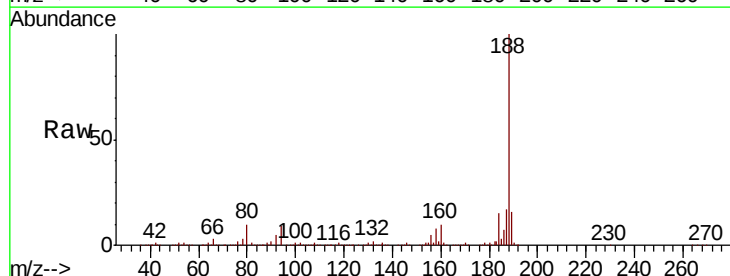
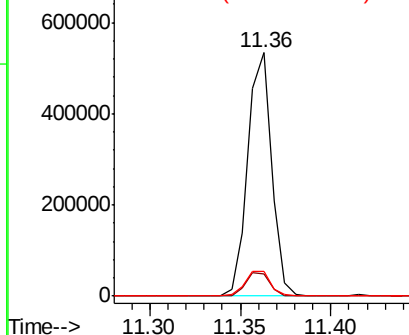
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

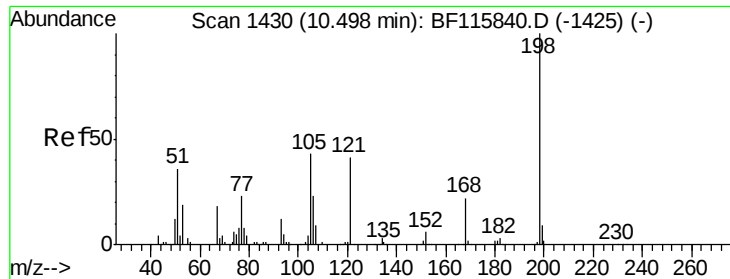


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.2	8.1	12.1		
80	10.0	8.7	13.1		

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





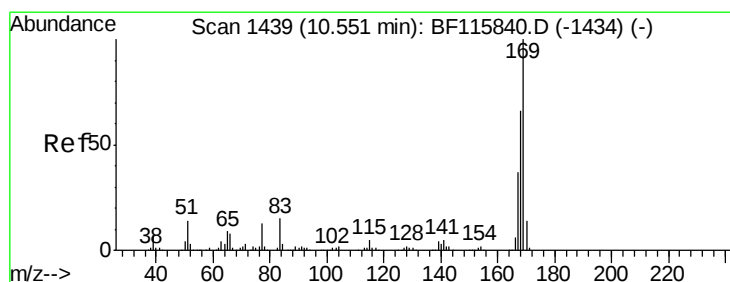
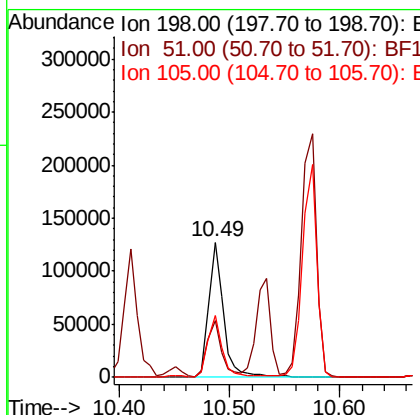
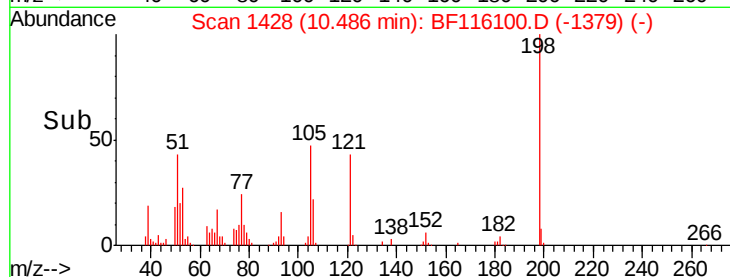
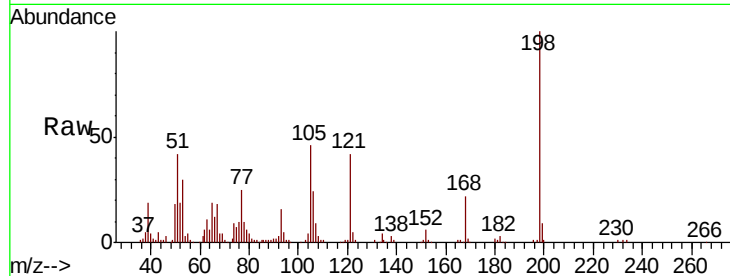
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.519 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampled :
 PB122079BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	116051		
51	41.9	17.0	57.0	
105	45.6	21.6	61.6	

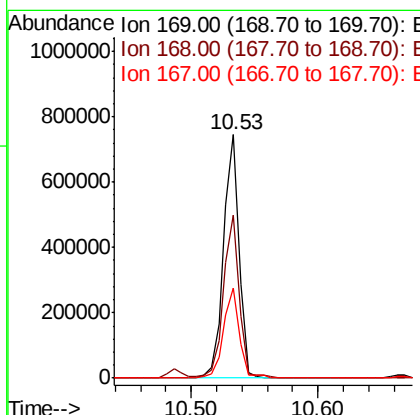
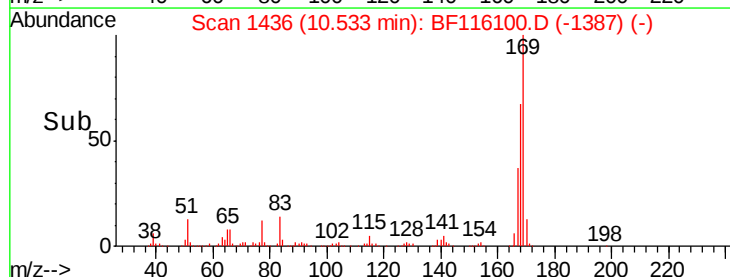
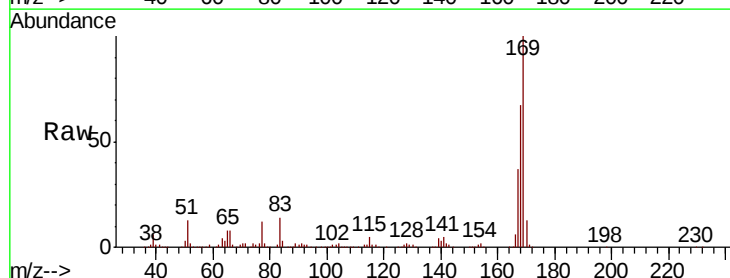
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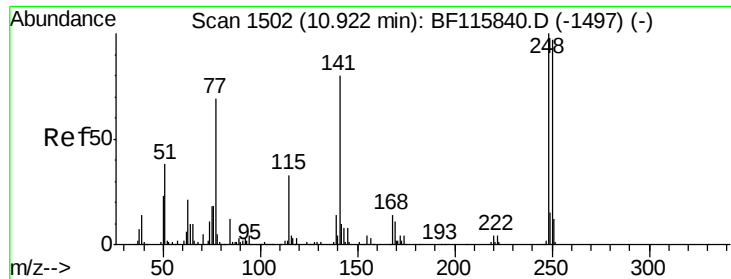
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#66
 n-Nitrosodiphenylamine
 Concen: 42.947 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	635875		
168	67.1	53.8	80.6	
167	37.2	29.6	44.4	





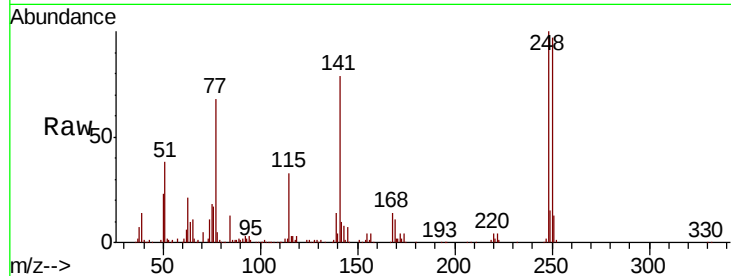
#67
4-Bromophenyl-phenylether
Concen: 42.304 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.4	116.2
141	78.8	56.8	85.2

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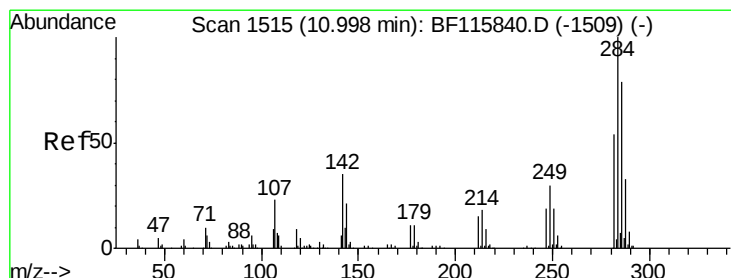
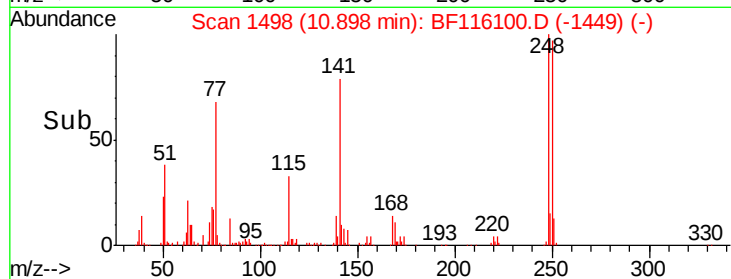
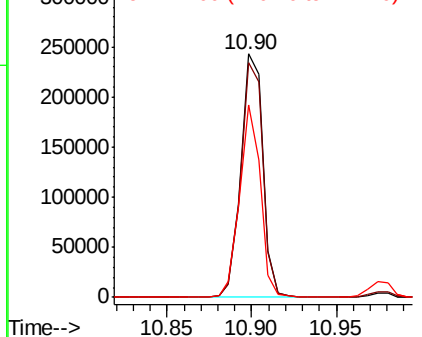


Abundance

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: 41.129 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

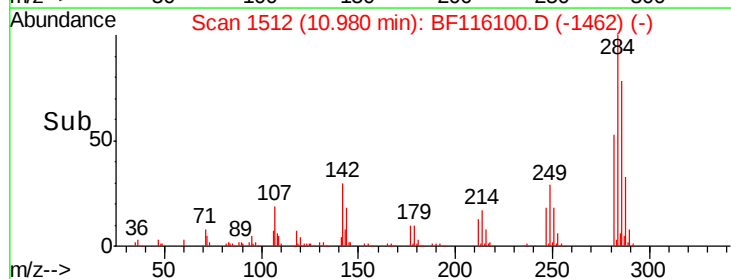
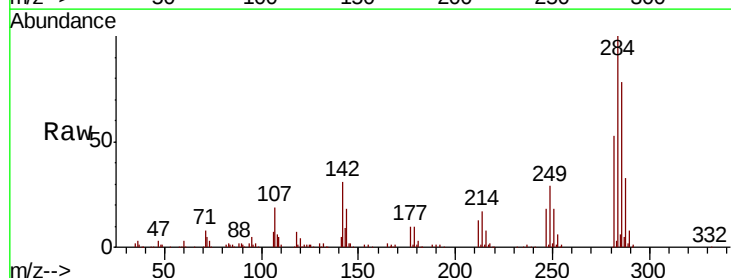
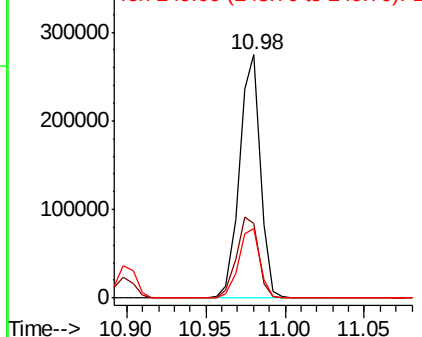
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	28.4	42.6
249	28.7	24.5	36.7

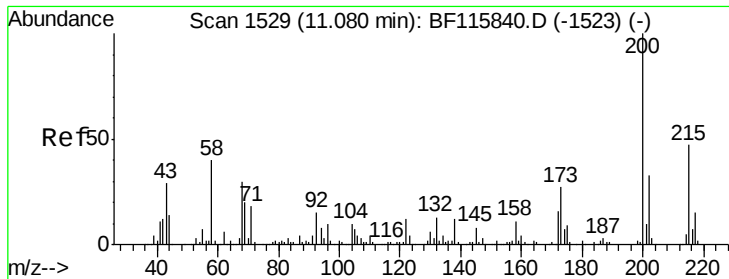
Abundance

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





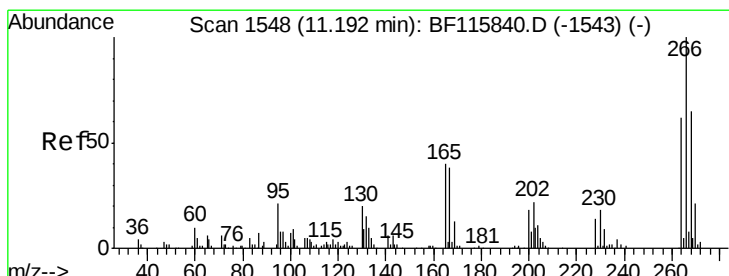
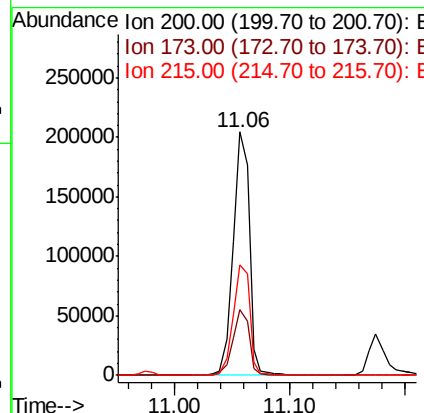
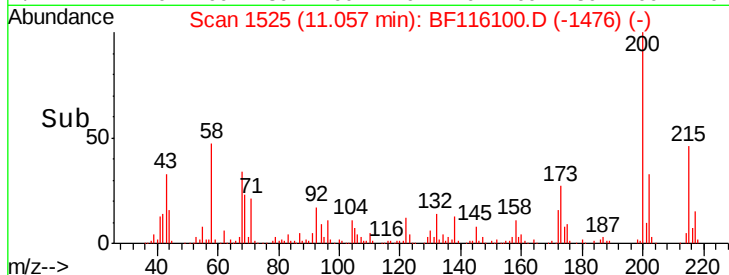
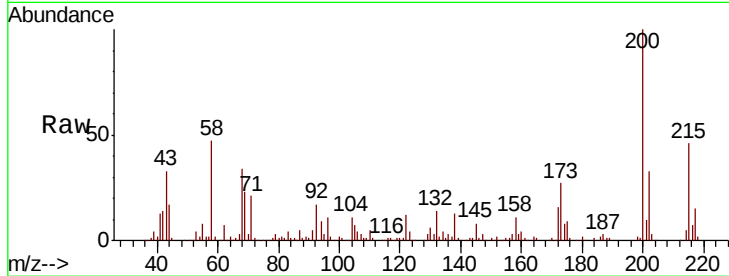
#69
 Atrazine
 Concen: 40.858 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampleID :
 PB122079BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.8	46.8
215	45.5	27.5	67.5

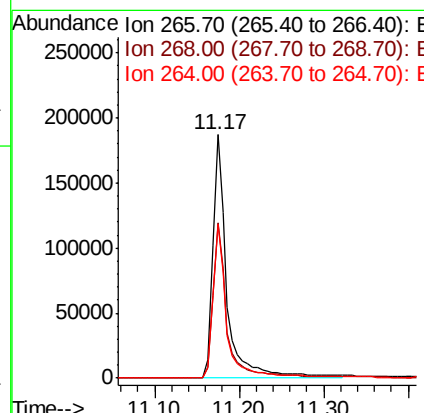
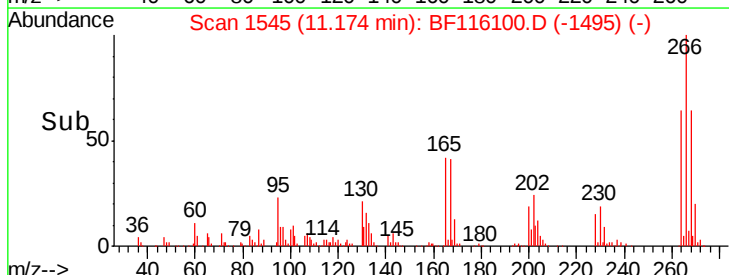
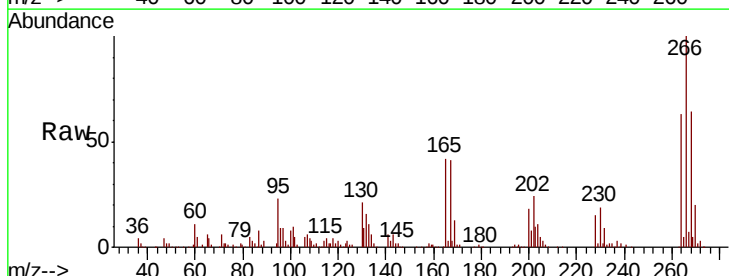
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#70
 Pentachlorophenol
 Concen: 74.782 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	48.8	73.2
264	63.4	50.6	76.0





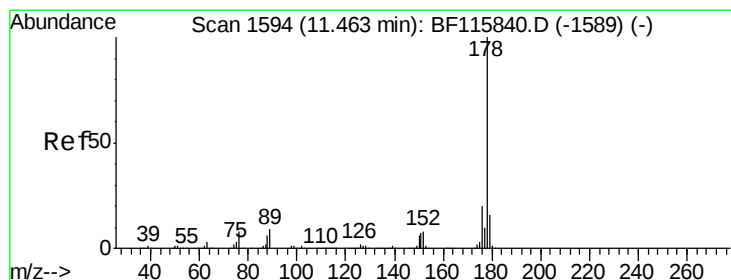
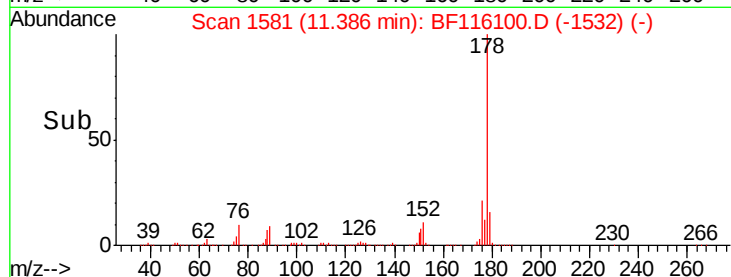
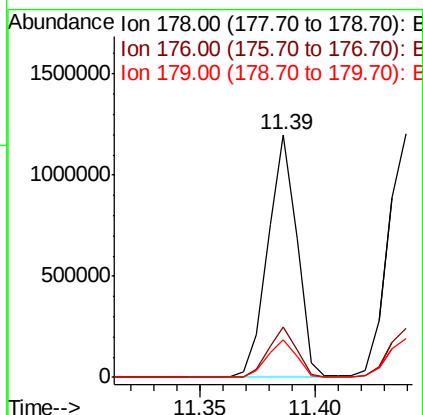
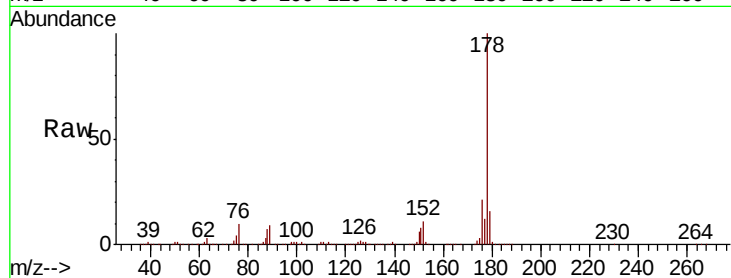
#71
Phenanthrene
Concen: 41.573 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion:178 Resp: 1045467
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 15.7 12.5 18.7

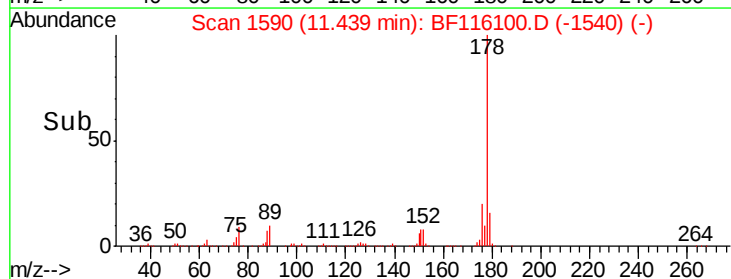
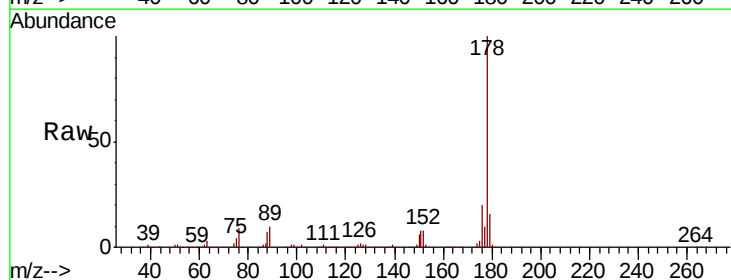
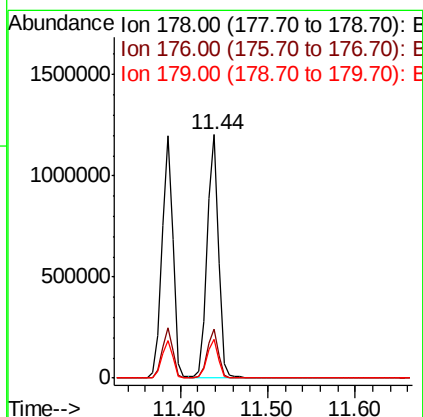
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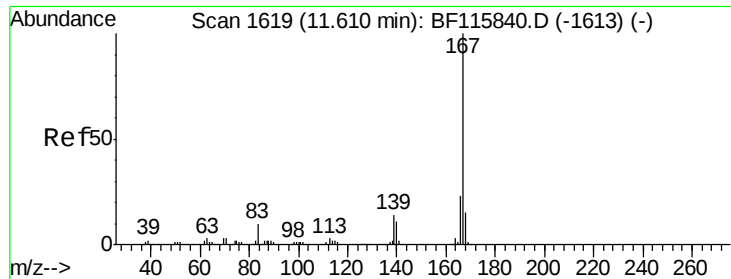
Sohil
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#72
Anthracene
Concen: 43.051 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion:178 Resp: 1095672
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.0 13.0 19.6





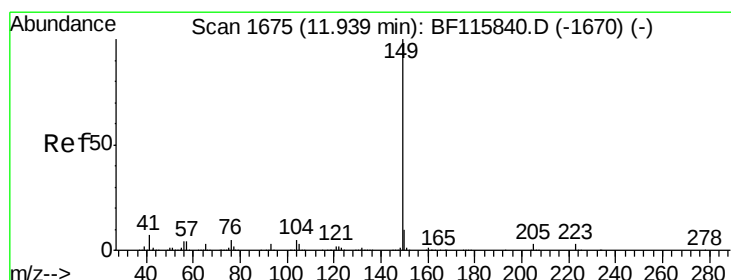
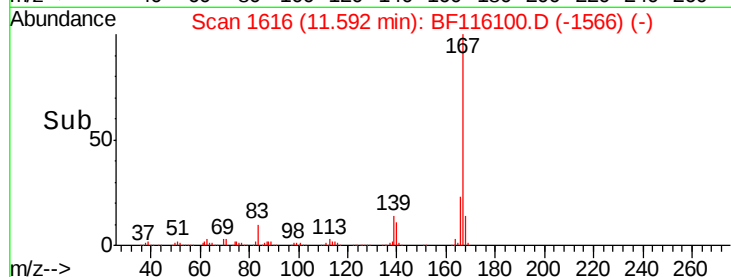
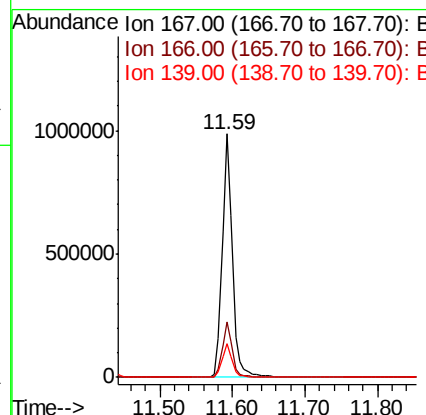
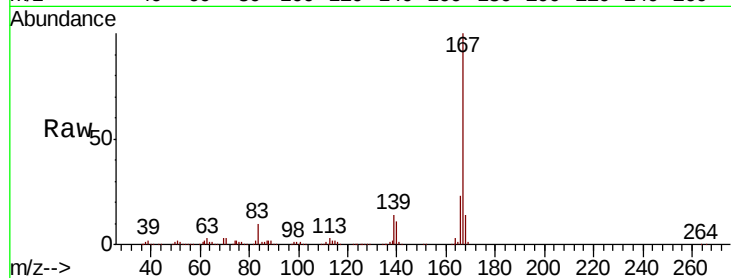
#73
 Carbazole
 Concen: 42.101 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :
 PB122079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.6	17.8	26.6		
139	13.8	11.4	17.0		

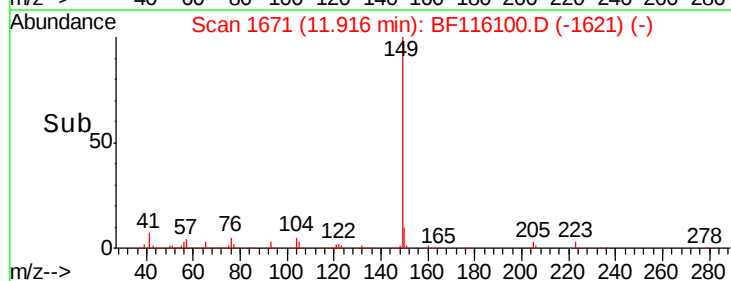
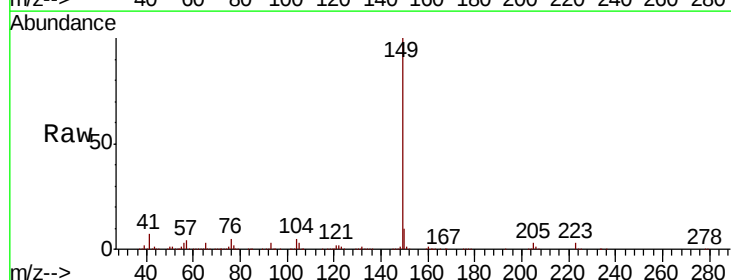
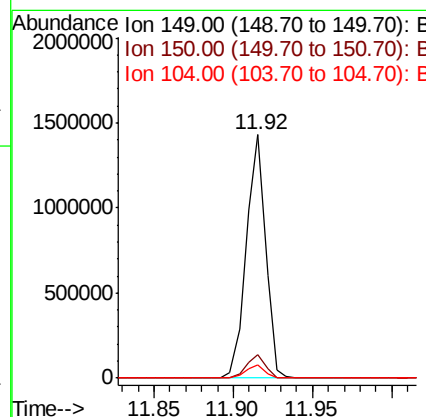
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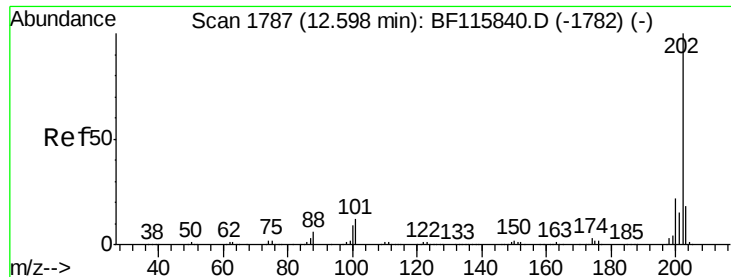
Sohil
 8/13/2019 7:17:44 AM



#74
 Di-n-butylphthalate
 Concen: 44.697 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.7	8.0	12.0		
104	5.3	4.5	6.7		





#75

Fluoranthene

Concen: 41.172 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

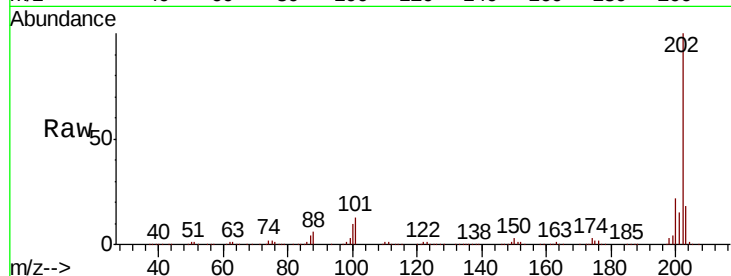
ClientSampleId :

PB122079BS

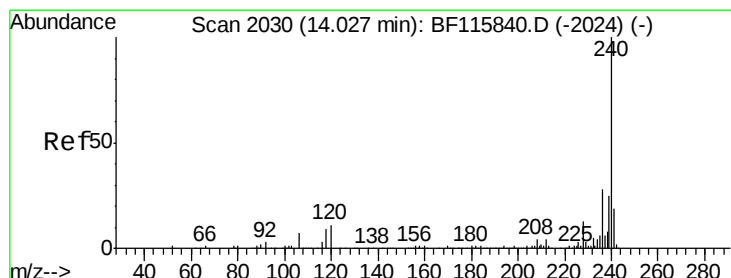
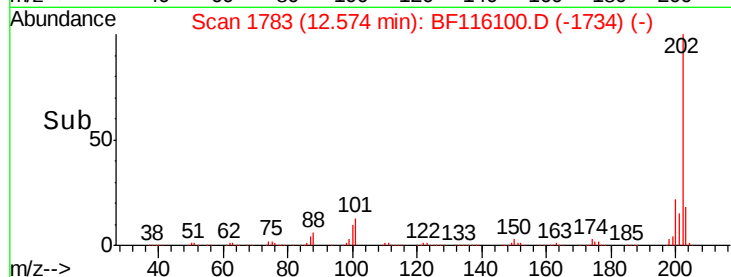
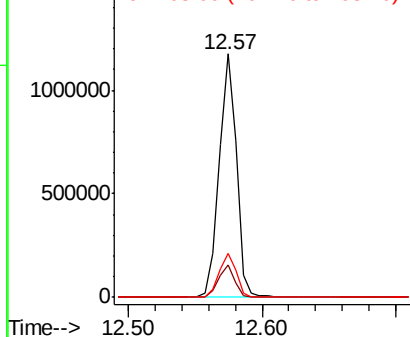
Tot Ion:	202	Resp:	1083941
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	31.2
203	18.2	0.0	37.8

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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

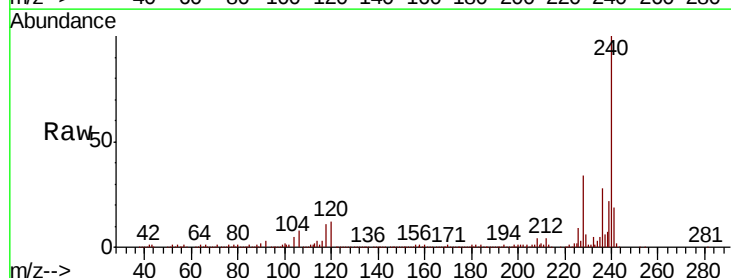
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

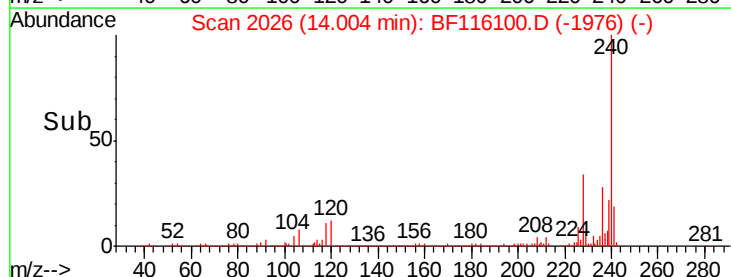
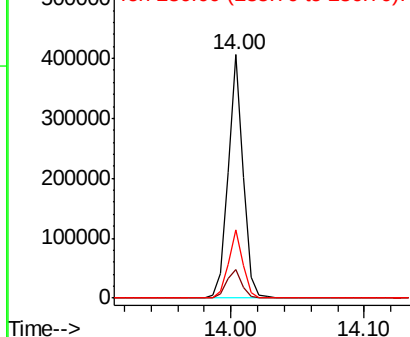
Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion:	240	Resp:	321059
Ion Ratio	Lower	Upper	
240	100		
120	11.8	10.7	16.1
236	28.1	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: 31.883 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

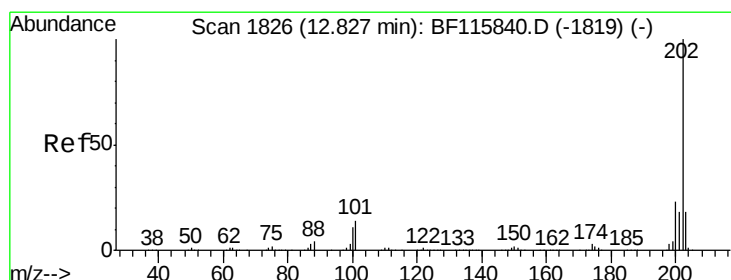
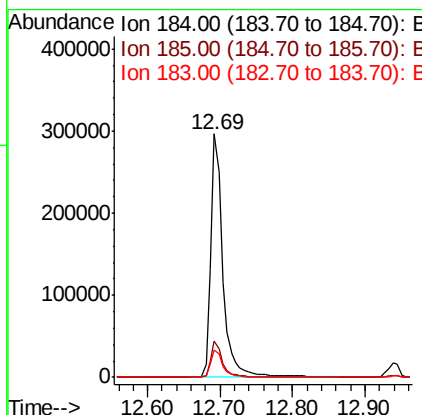
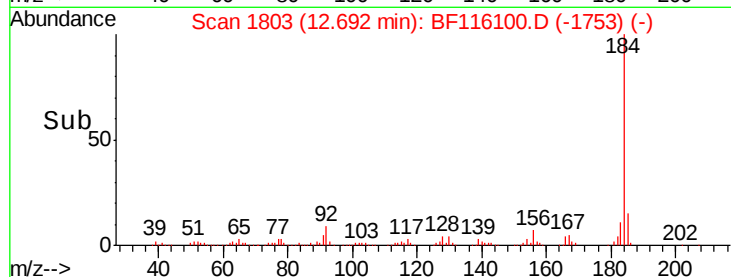
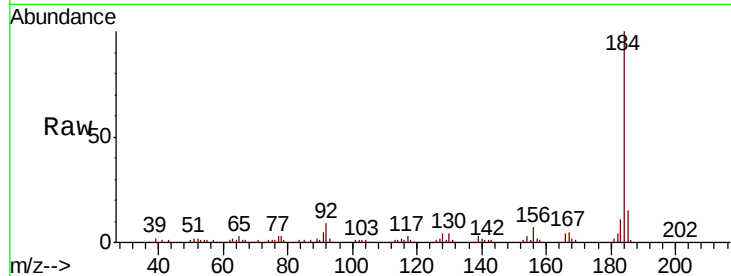
ClientSampleId :

PB122079BS

Tot Ion:	184	Resp:	345830
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.8	19.2
183	11.0	9.4	14.0

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#78

Pyrene

Concen: 45.682 ng

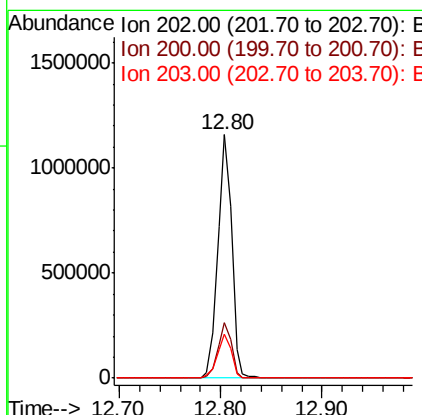
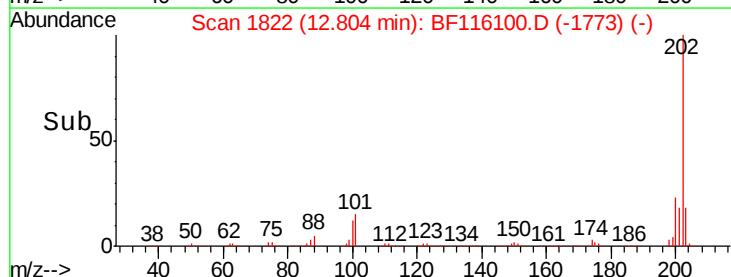
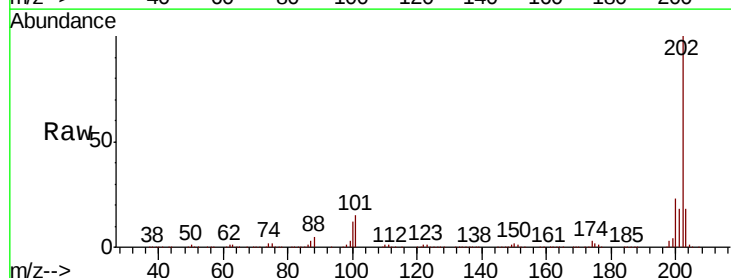
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion:	202	Resp:	1105600
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.0	27.0
203	18.0	14.1	21.1





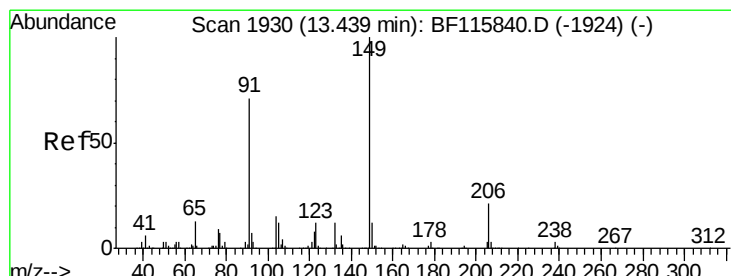
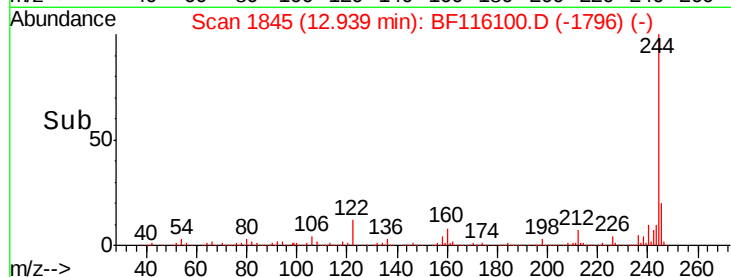
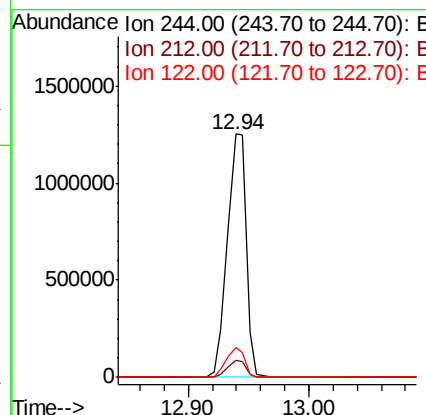
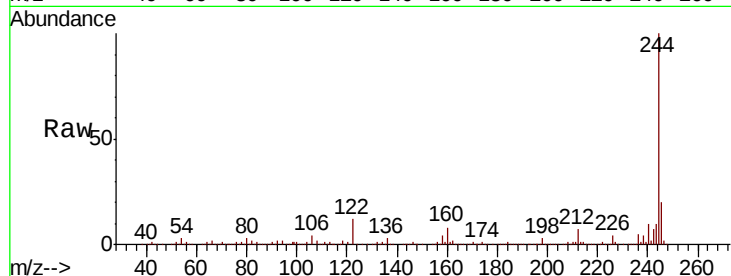
#79
 Terphenyl-d14
 Concen: 88.725 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :
 PB122079BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.4	9.0	13.4

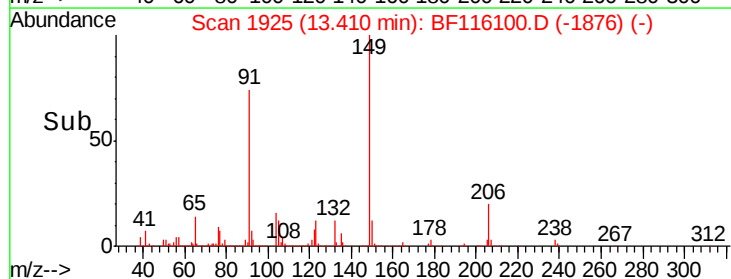
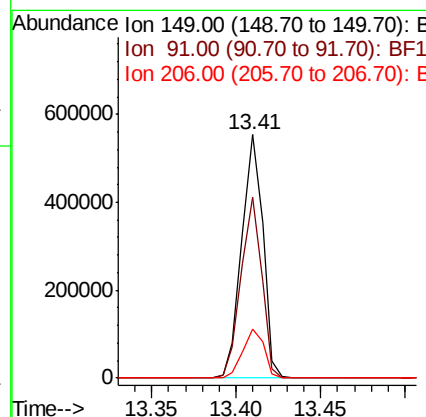
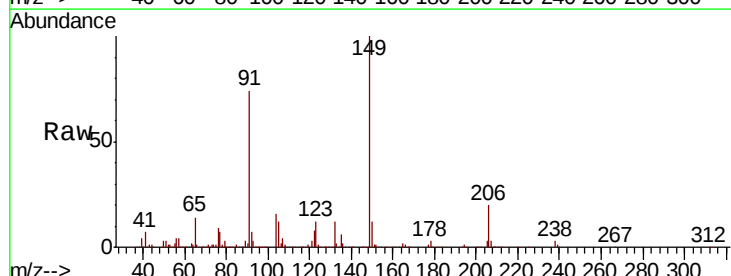
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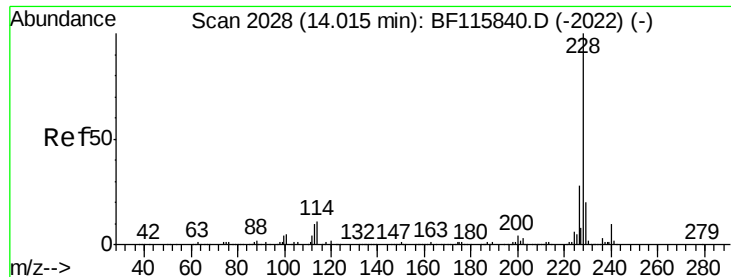
Sohil
 8/13/2019 7:17:44 AM



#80
 Butylbenzylphthalate
 Concen: 47.126 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	56.3	84.5
206	20.2	18.0	27.0





#81

Benzo(a)anthracene

Concen: 42.399 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Instrument :

BNA_F

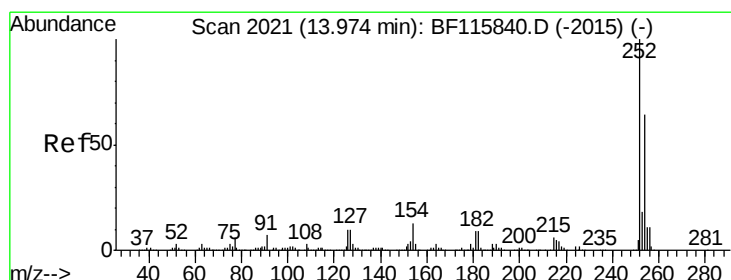
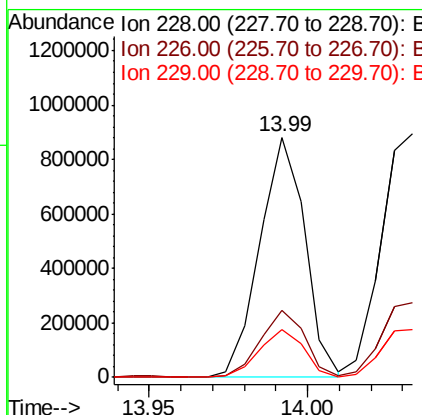
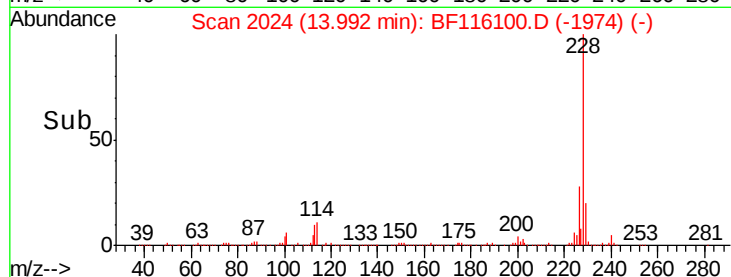
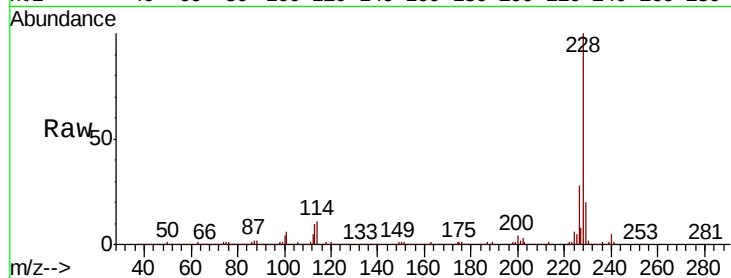
ClientSampleId :

PB122079BS

Tot Ion:	228	Resp:	870060
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.7	34.1
229	20.0	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 38.703 ng

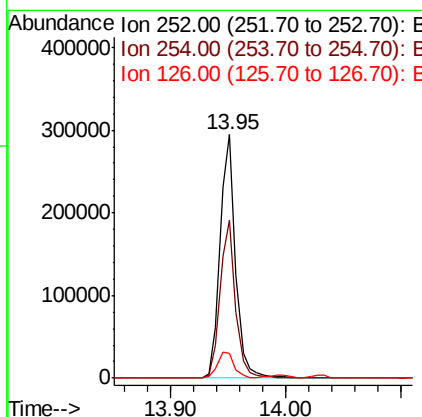
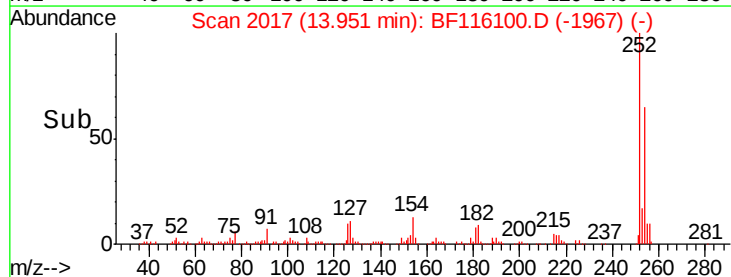
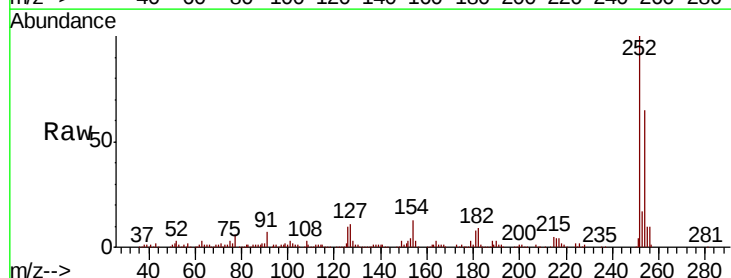
RT: 13.95 min Scan# 2017

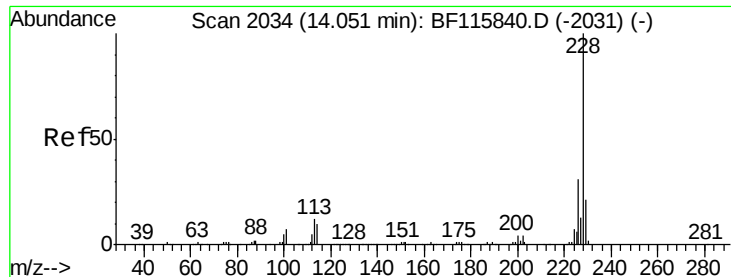
Delta R.T. -0.01 min

Lab File: BF116100.D

Acq: 9 Aug 2019 9:16

Tgt Ion:	252	Resp:	275928
Ion Ratio	Lower	Upper	
252	100		
254	65.0	50.9	76.3
126	10.2	9.8	14.8





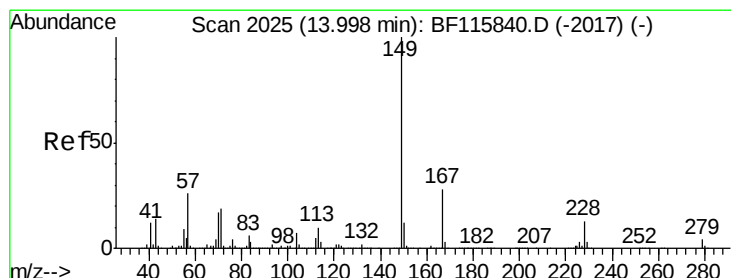
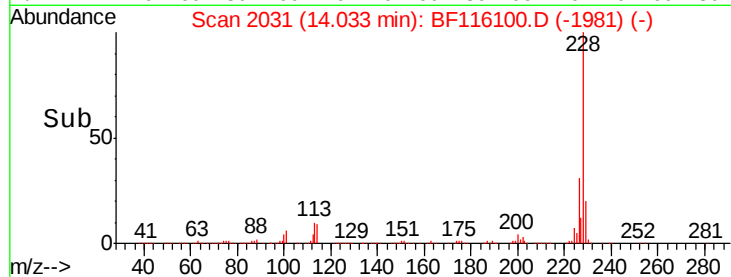
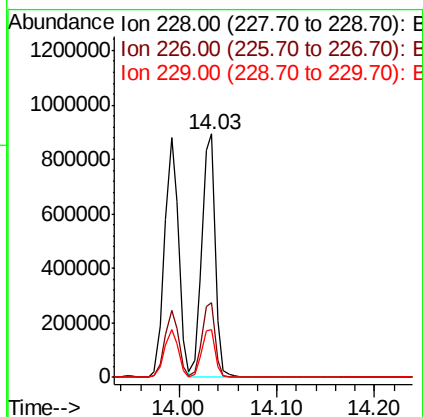
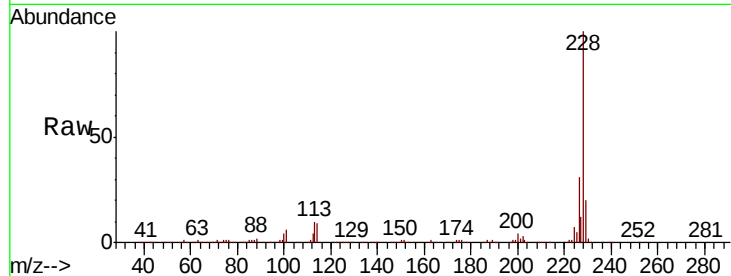
#83
 Chrvsene
 Concen: 42.530 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :
 PB122079BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.5	38.3
229	19.5	16.6	24.8

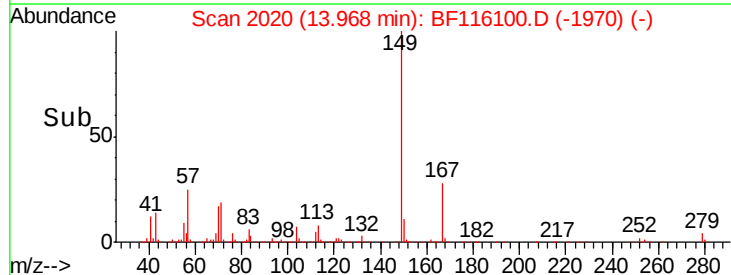
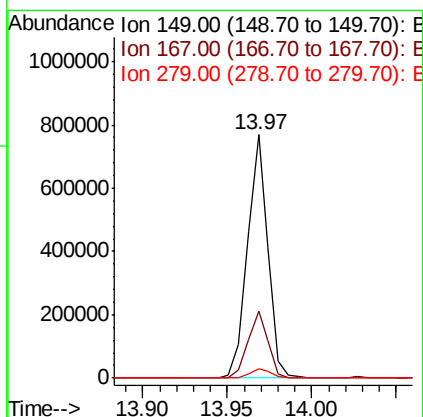
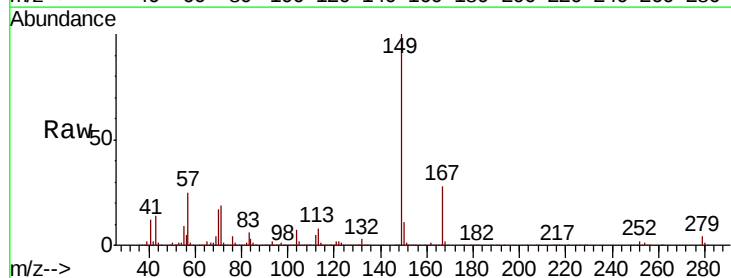
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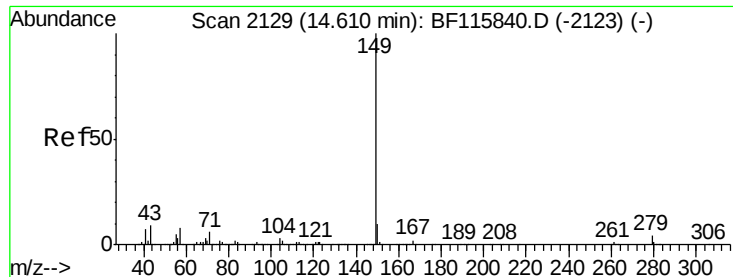
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.592 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116100.D
 Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	4.1	3.0	4.4





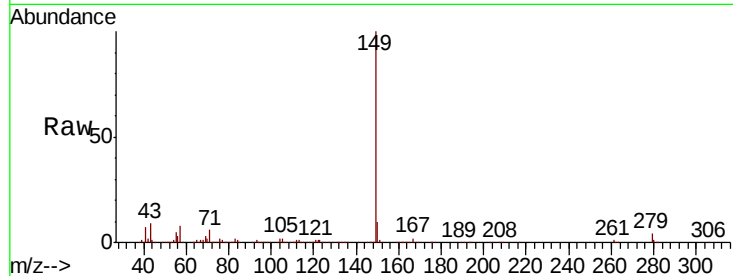
#85
Di-n-octyl phthalate
Concen: 45.975 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampled :
PB122079BS

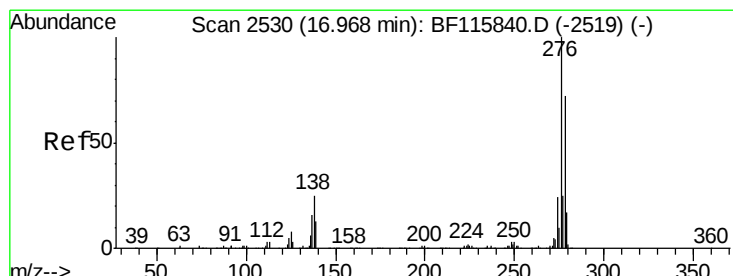
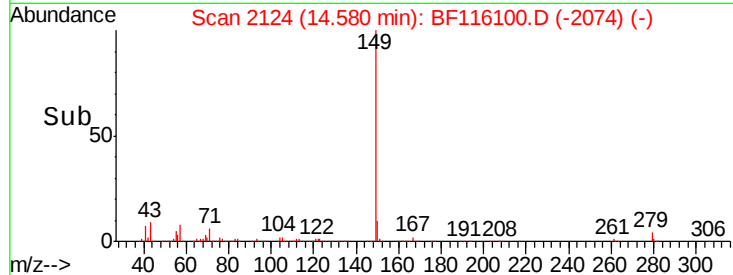
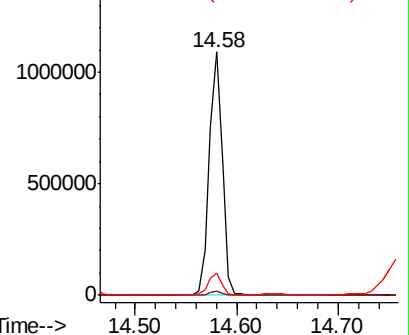
Tot Ion	Ratio	Resp	Lower	Upper
149	100	971495		
167	1.6		1.4	2.0
43	8.9		7.5	11.3

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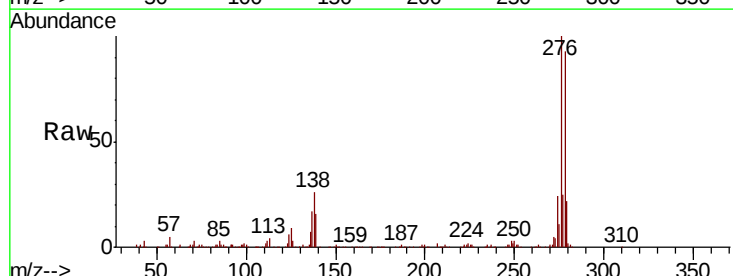


Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

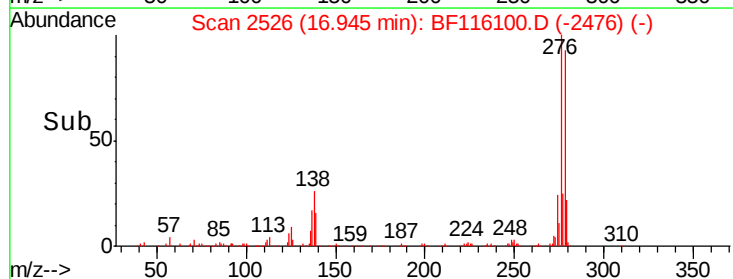
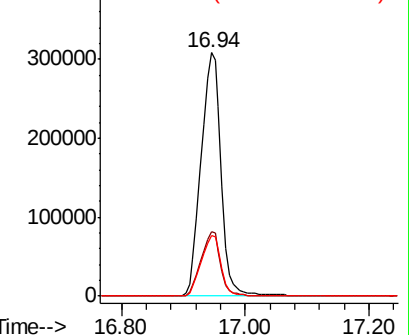


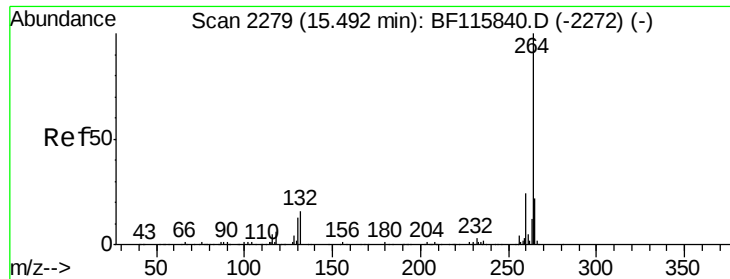
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.491 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	694269		
138	25.6		20.4	30.6
277	24.8		20.0	30.0



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





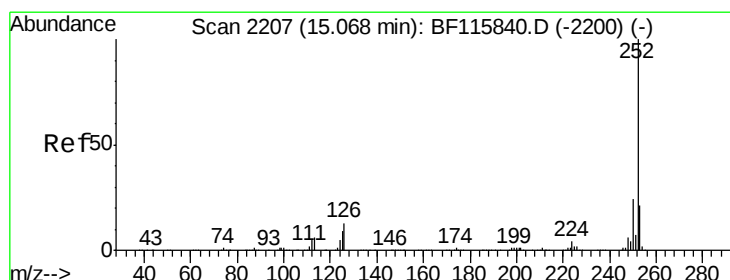
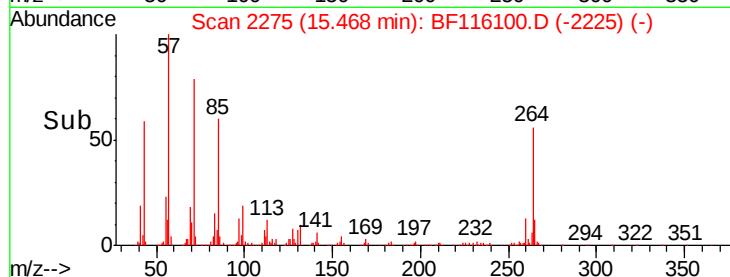
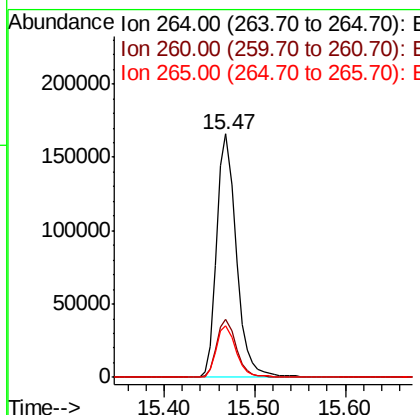
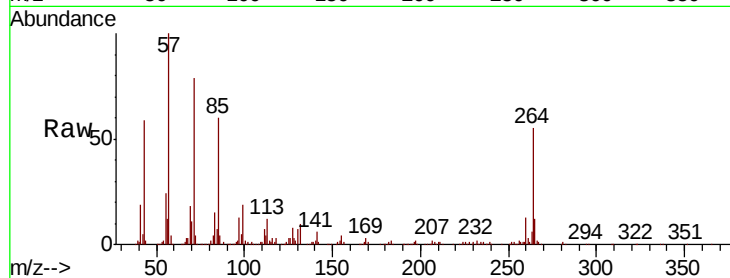
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampled :
PB122079BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.2	17.4	26.0

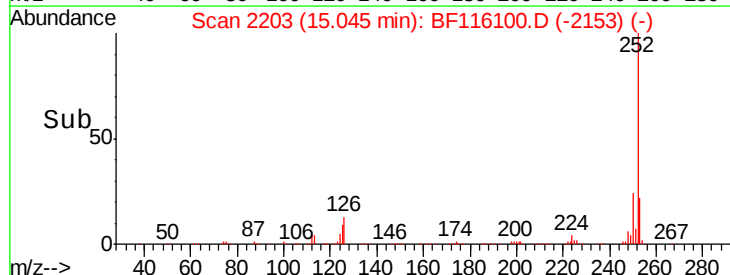
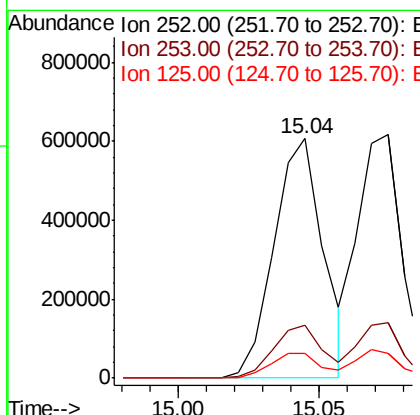
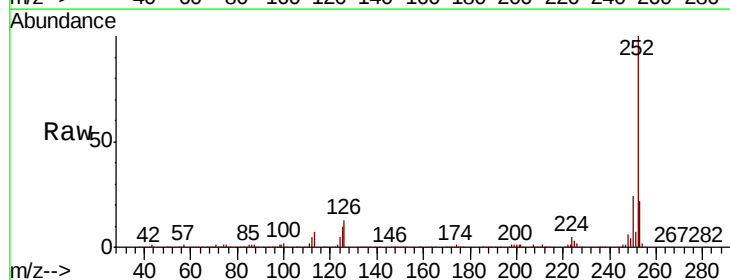
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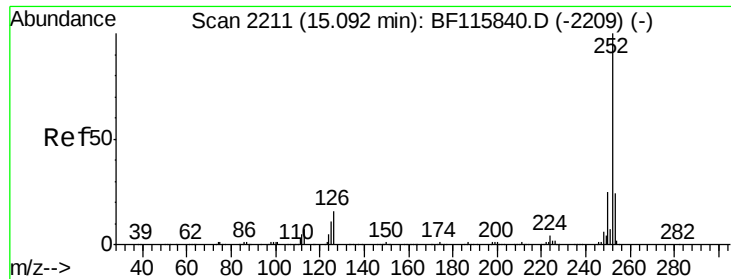
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#88
Benzo(b)fluoranthene
Concen: 50.968 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.3	8.4	12.6





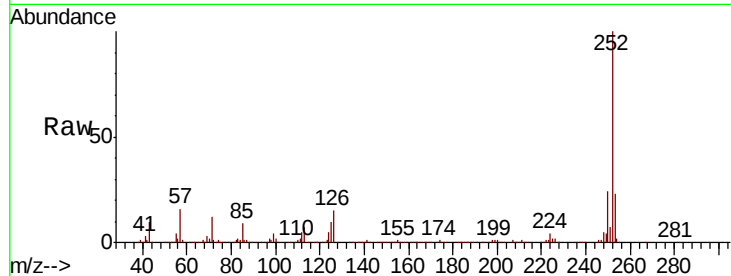
#89
Benzo(k)fluoranthene
Concen: 48.279 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.1	7.7	11.5

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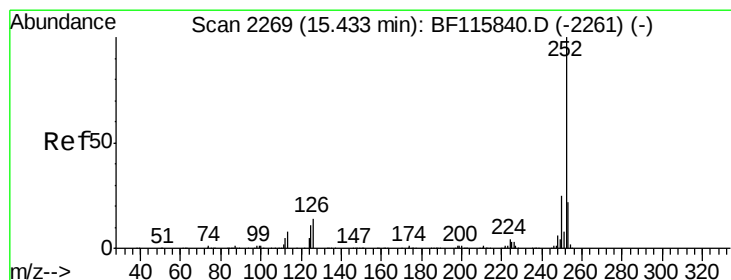
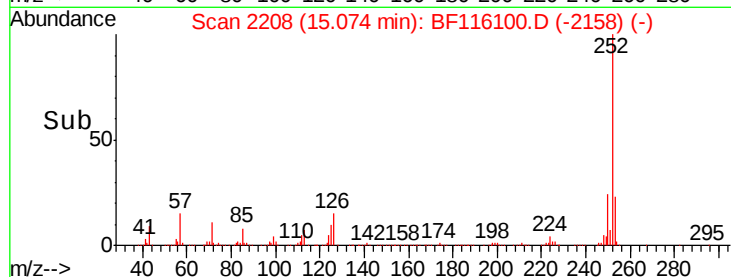
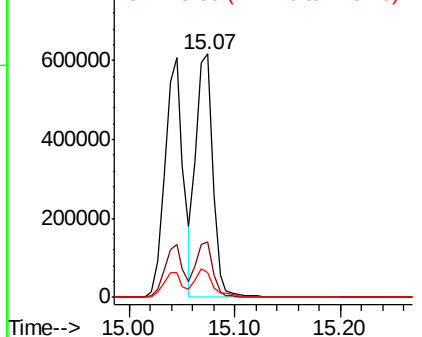


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 51.797 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

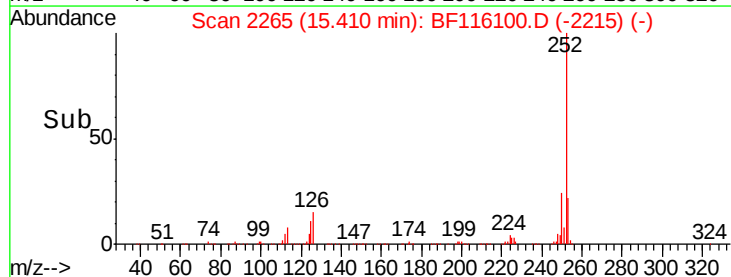
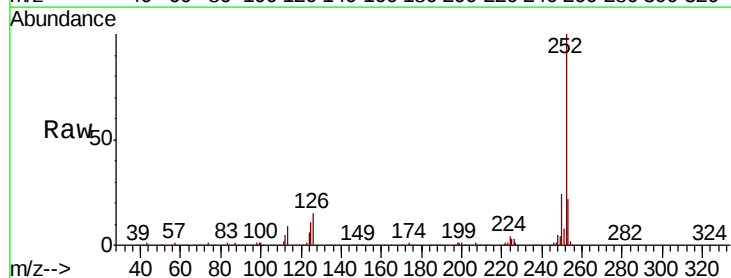
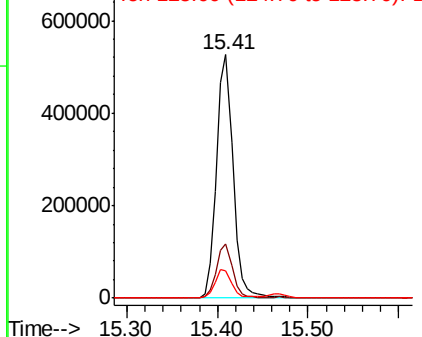
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.3	8.9	13.3

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





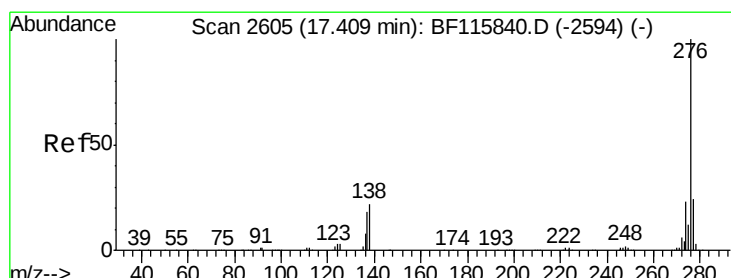
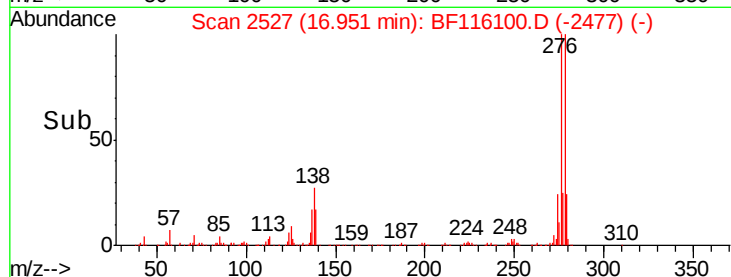
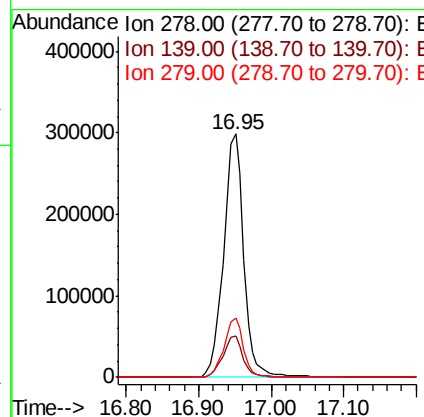
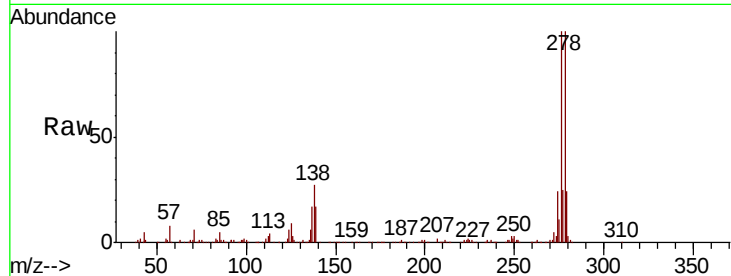
#91
Dibenzo(a,h)anthracene
Concen: 51.878 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Instrument :
BNA_F
ClientSampleId :
PB122079BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.8	19.2
279	24.2	18.8	28.2

Manual Integrations
APPROVED

Sohil
8/13/2019 7:17:44 AM



#92
Benzo(g,h,i)perylene
Concen: 53.264 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BF116100.D
Acq: 9 Aug 2019 9:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	23.3	17.0	25.6

