

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116920.D
 Acq On : 10 Sep 2019 14:46
 Operator : HP/JU
 Sample : PB122916BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:56:51 AM

Quant Time: Sep 10 17:58:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82074	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	351447	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	186872	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	301085	20.00	ng	0.00
76) Chrysene-d12	13.99	240	197179	20.00	ng	0.00
87) Perylene-d12	15.43	264	126282	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	518477	102.34	ng	0.01
7) Phenol-d6	6.47	99	665823	100.09	ng	0.00
23) Nitrobenzene-d5	7.40	82	389355	63.24	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	154463	123.64	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	695961	62.82	ng	0.00
79) Terphenyl-d14	12.93	244	677203	63.54	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.66	88	76220	32.592 ng	96
3) Pyridine	3.40	79	171221	25.286 ng	91
4) n-Nitrosodimethylamine	3.34	42	73839	31.756 ng	81
6) Aniline	6.50	93	235557	25.566 ng	99
8) 2-Chlorophenol	6.62	128	229809	41.554 ng	95
9) Benzaldehyde	6.38	77	95167	21.714 ng	98
10) Phenol	6.49	94	288238	39.129 ng	92
11) bis(2-Chloroethyl)ether	6.57	93	212186	36.994 ng	98
12) 1,3-Dichlorobenzene	6.78	146	223843	35.812 ng	96
13) 1,4-Dichlorobenzene	6.85	146	231026	37.125 ng	98
14) 1,2-Dichlorobenzene	7.00	146	215456	37.361 ng	95
15) Benzyl Alcohol	6.97	79	204277	37.829 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	205476	30.534 ng	86
17) 2-Methylphenol	7.09	107	194234	40.120 ng	99
18) Hexachloroethane	7.35	117	88851	36.750 ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	163907	37.421 ng	93
20) 3+4-Methylphenols	7.25	107	239126	42.481 ng	# 74
22) Acetophenone	7.25	105	330779	39.094 ng	# 95
24) Nitrobenzene	7.42	77	249423	39.836 ng	95
25) Isophorone	7.66	82	460230	36.893 ng	98
26) 2-Nitrophenol	7.73	139	118791	51.031 ng	93
27) 2,4-Dimethylphenol	7.77	122	200717	42.695 ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	275596	36.152 ng	99
29) 2,4-Dichlorophenol	7.97	162	186990	41.388 ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	182323	37.206 ng	95
31) Naphthalene	8.14	128	642902	38.470 ng	99
32) Benzoic acid	7.90	122	127672	48.097 ng	97
33) 4-Chloroaniline	8.19	127	195222	25.663 ng	96
34) Hexachlorobutadiene	8.26	225	102572	38.389 ng	99
35) Caprolactam	8.55	113	61486m	36.364 ng	
36) 4-Chloro-3-methylphenol	8.67	107	222168	42.785 ng	98
37) 2-Methylnaphthalene	8.83	142	444044	39.935 ng	98
38) 1-Methylnaphthalene	8.93	142	414688	39.508 ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	172353	38.474 ng	99

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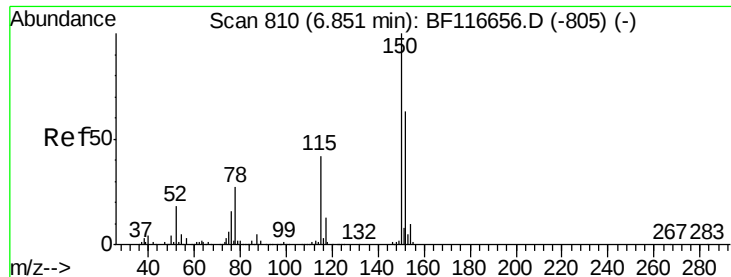
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	135457	52.363	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	124477	40.536	nq	96
44) 2,4,5-Trichlorophenol	9.15	196	135354	42.457	nq	# 91
46) 1,1'-Biphenyl	9.29	154	525494	37.059	nq	99
47) 2-Chloronaphthalene	9.32	162	417463	37.170	nq	98
48) 2-Nitroaniline	9.41	65	132579	40.832	nq	97
49) Acenaphthylene	9.73	152	650911	38.340	nq	99
50) Dimethylphthalate	9.59	163	484834	37.579	nq	97
51) 2,6-Dinitrotoluene	9.65	165	106928	43.440	nq	98
52) Acenaphthene	9.90	154	381619	36.583	nq	99
53) 3-Nitroaniline	9.82	138	98256	31.852	nq	91
54) 2,4-Dinitrophenol	9.93	184	94387	104.894	nq	96
55) Dibenzofuran	10.07	168	577907	39.299	nq	95
56) 4-Nitrophenol	9.99	139	183934	86.959	nq	88
57) 2,4-Dinitrotoluene	10.06	165	146151	48.558	nq	97
58) Fluorene	10.42	166	459785	41.034	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	108020	46.948	nq	99
60) Diethylphthalate	10.29	149	492397	38.101	nq	97
61) 4-Chlorophenyl-phenylether	10.41	204	196583	40.065	nq	96
62) 4-Nitroaniline	10.43	138	118964	39.738	nq	97
63) Azobenzene	10.57	77	509261	37.791	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	63236	55.626	nq	88
66) n-Nitrosodiphenylamine	10.53	169	401838	38.581	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	116888	38.216	nq	94
68) Hexachlorobenzene	10.97	284	121884	38.087	nq	98
69) Atrazine	11.05	200	106971	36.670	nq	97
70) Pentachlorophenol	11.16	266	139546	90.143	nq	100
71) Phenanthrene	11.38	178	646480	38.572	nq	99
72) Anthracene	11.43	178	647994	38.407	nq	99
73) Carbazole	11.58	167	614714	38.249	nq	99
74) Di-n-butylphthalate	11.91	149	763278	37.047	nq	99
75) Fluoranthene	12.56	202	644744	39.144	nq	99
77) Benzidine	12.68	184	98414	12.725	nq	100
78) Pyrene	12.79	202	654806	37.358	nq	99
80) Butylbenzylphthalate	13.40	149	313416	36.769	nq	92
81) Benzo(a)anthracene	13.97	228	475920	38.136	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	129938	30.810	nq	97
83) Chrysene	14.02	228	478948	37.252	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	409440	38.913	nq	99
85) Di-n-octyl phthalate	14.57	149	621988	36.123	nq	97
86) Indeno(1,2,3-cd)pyrene	16.88	276	327715	31.734	nq	97
88) Benzo(b)fluoranthene	15.02	252	371896	48.711	nq	100
89) Benzo(k)fluoranthene	15.04	252	359499	51.643	nq	100
90) Benzo(a)pyrene	15.37	252	333764	50.248	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	282183	48.534	nq	97
92) Benzo(g,h,i)perylene	17.32	276	279526	47.140	nq	96

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



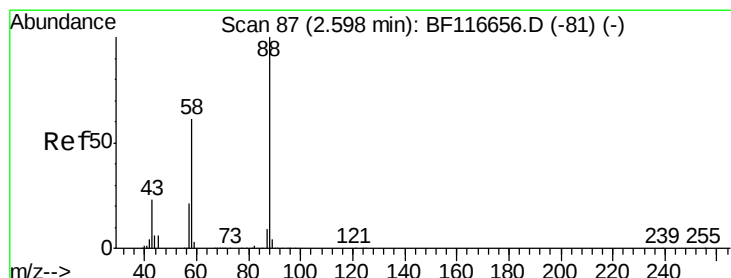
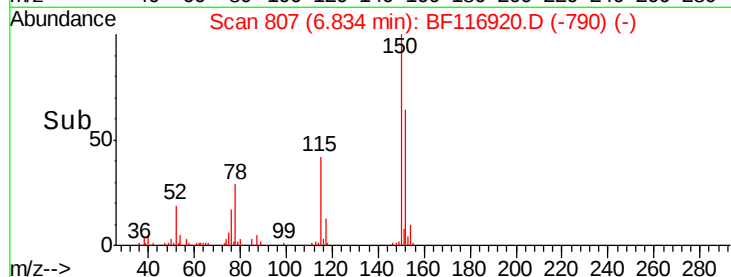
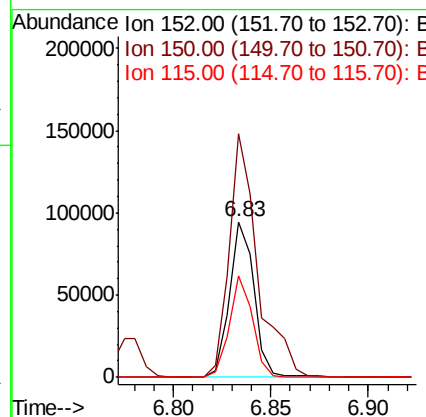
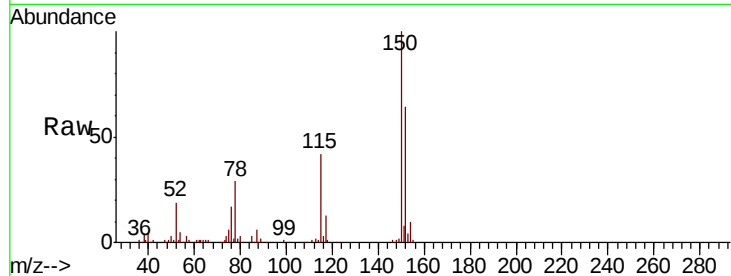
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.4	186.6
115	65.4	49.9	74.9

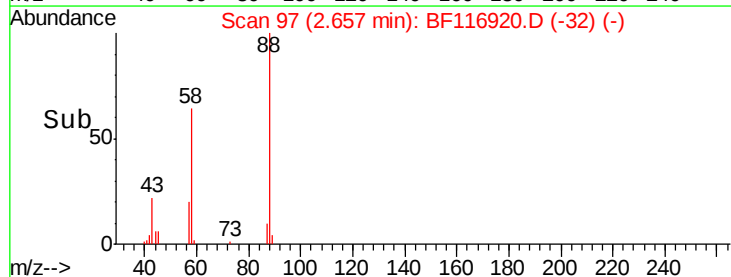
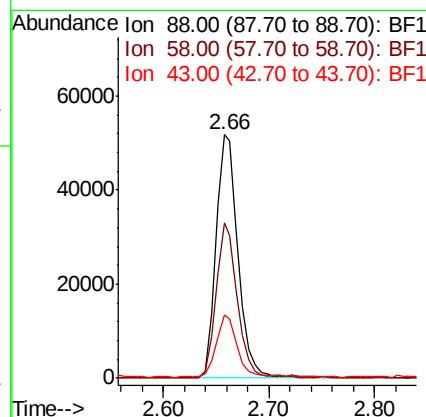
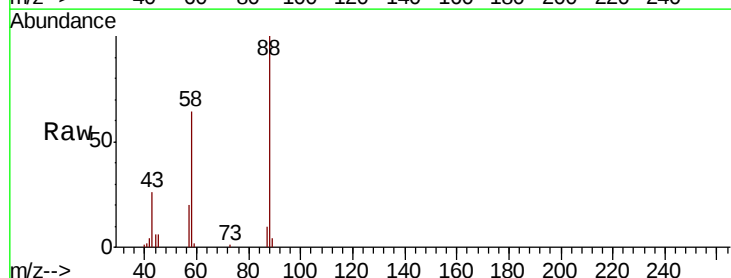
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#2
 1,4-Dioxane
 Concen: 32.592 ng
 RT: 2.66 min Scan# 97
 Delta R.T. 0.08 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	51.7	77.5
43	27.2	19.8	29.8





#3

Pvridine

Concen: 25.286 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.09 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

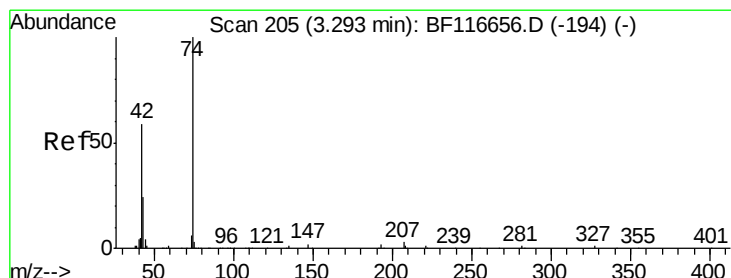
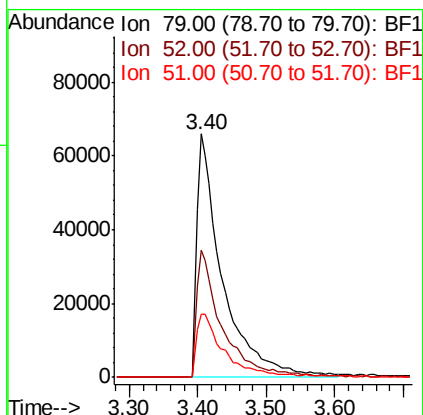
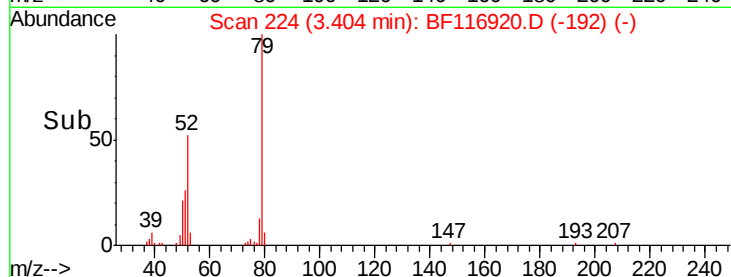
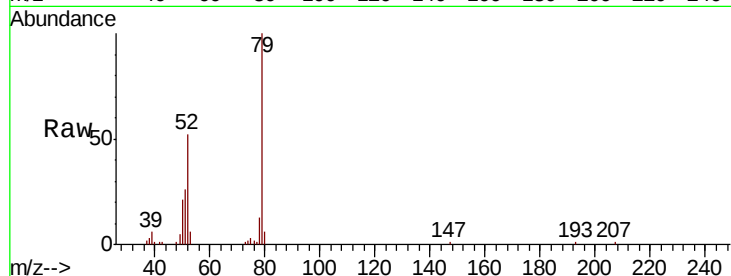
ClientSampleId :

PB122916BS

Tot Ion:	79	Resp:	171221
Ion Ratio	Lower	Upper	
79	100		
52	52.0	47.4	71.0
51	25.9	24.1	36.1

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#4

n-Nitrosodimethylamine

Concen: 31.756 ng

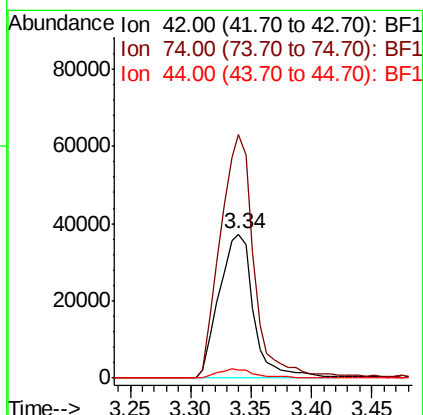
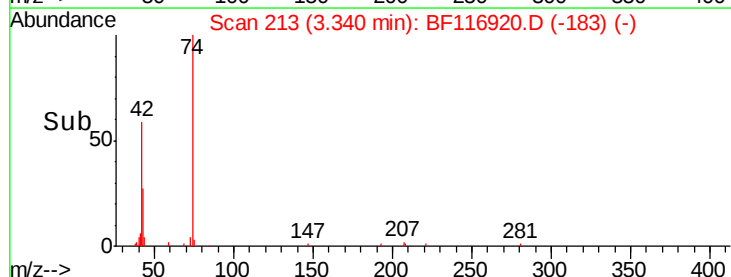
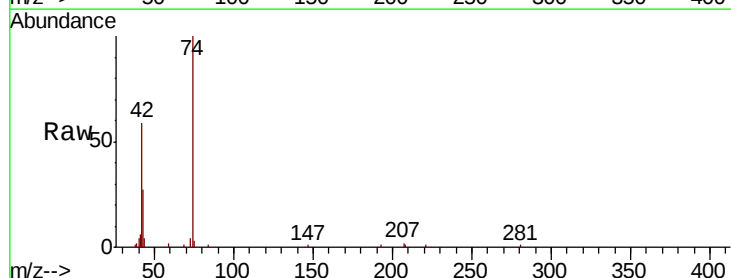
RT: 3.34 min Scan# 213

Delta R.T. 0.08 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion:	42	Resp:	73839
Ion Ratio	Lower	Upper	
42	100		
74	169.3	115.6	173.4
44	6.0	4.6	7.0





#5

2-Fluorophenol

Concen: 102.342 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

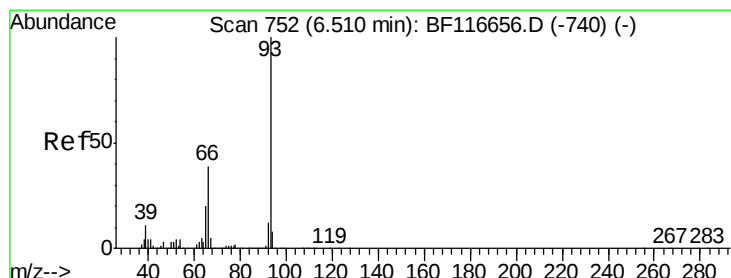
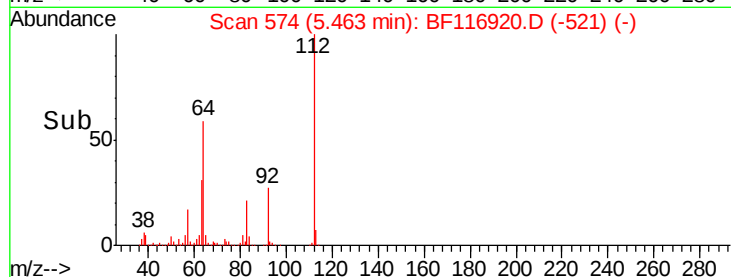
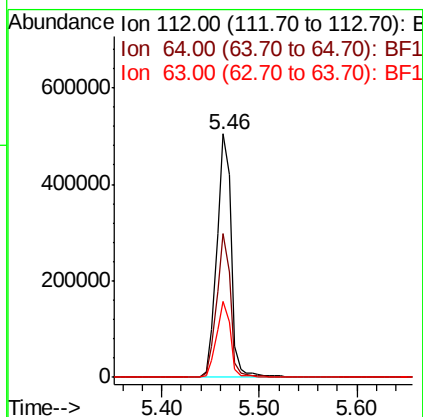
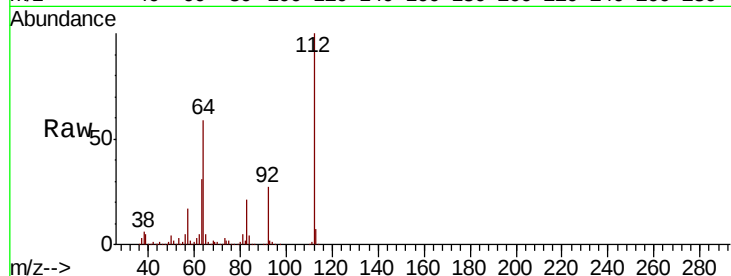
ClientSampleId :

PB122916BS

Tot Ion:	112	Resp:	518477
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.1	70.7
63	31.4	24.9	37.3

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#6

Aniline

Concen: 25.566 ng

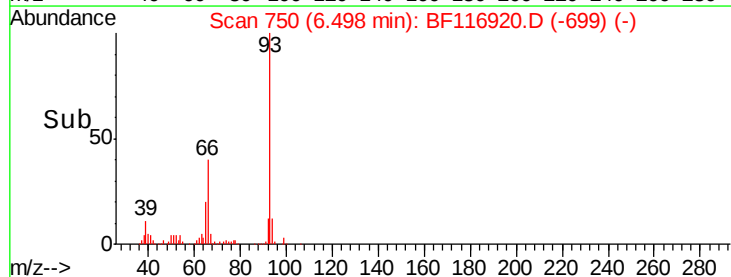
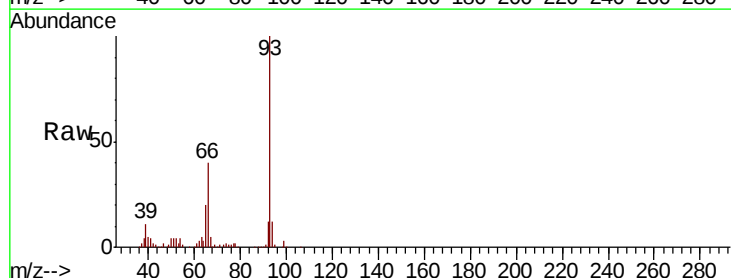
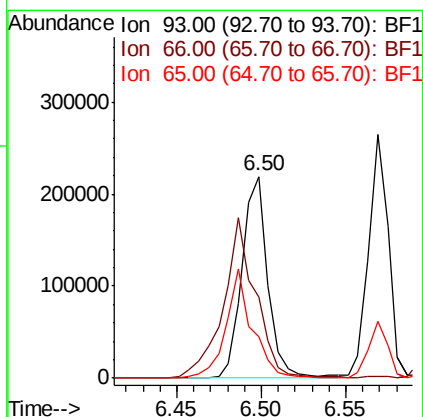
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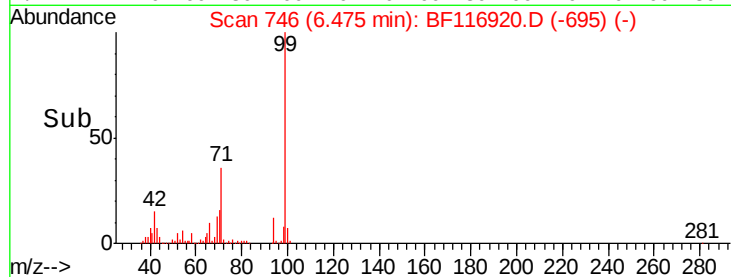
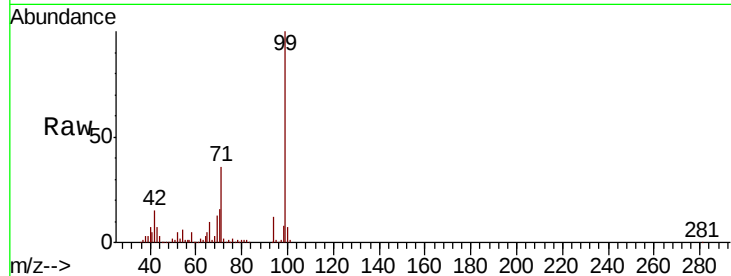
Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion:	93	Resp:	235557
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.7	49.1
65	20.3	16.3	24.5





#7

Phenol-d6

Concen: 100.088 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		665823		
42	15.4	13.7	20.5		
71	36.5	30.8	46.2		

Instrument :

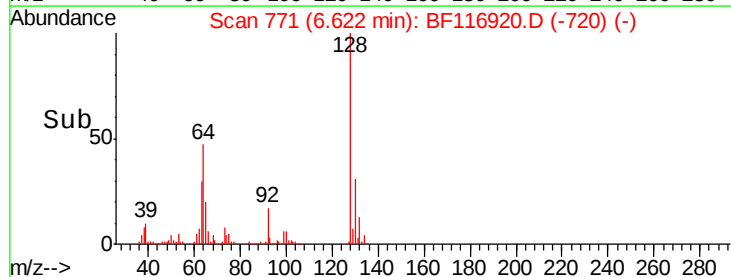
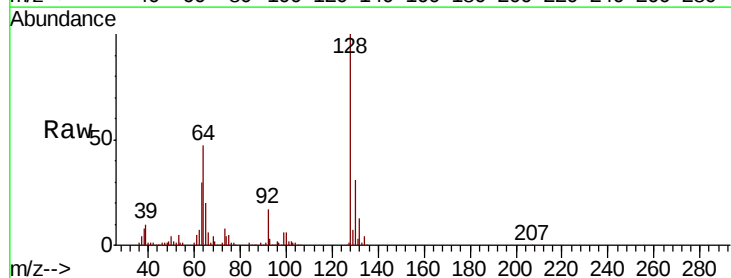
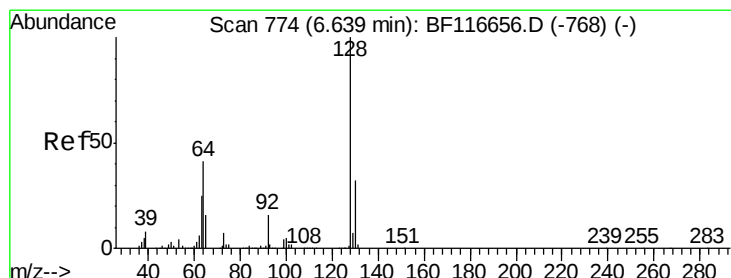
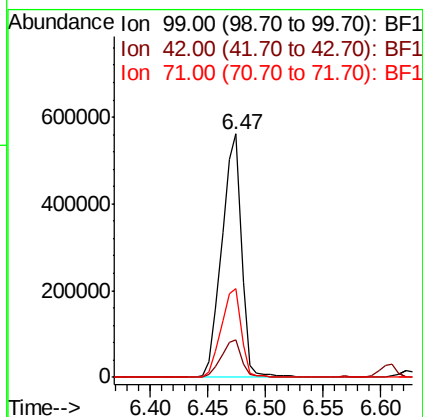
BNA_F

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#8

2-Chlorophenol

Concen: 41.554 ng

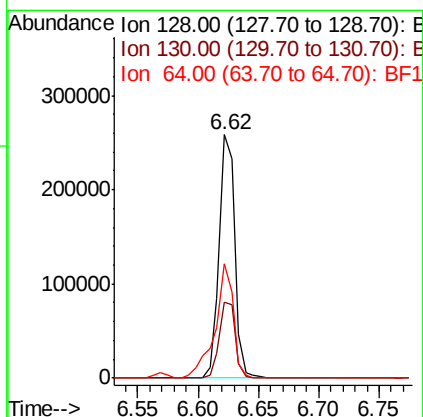
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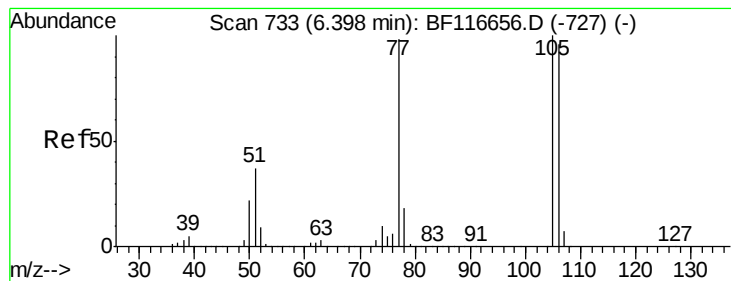
Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		229809		
130	31.5	12.3	52.3		
64	46.9	22.5	62.5		





#9

Benzaldehyde

Concen: 21.714 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

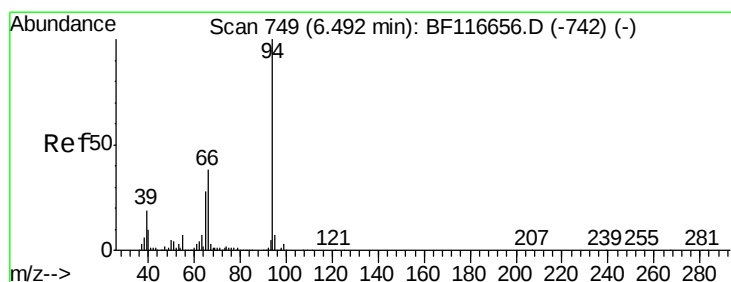
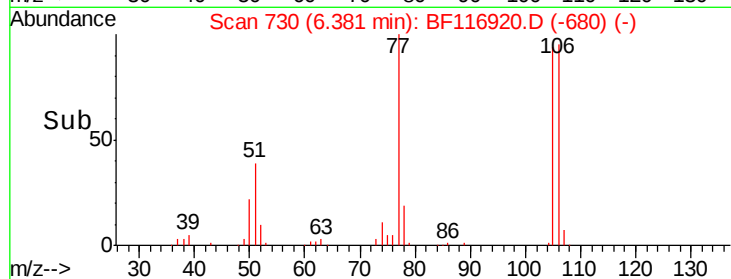
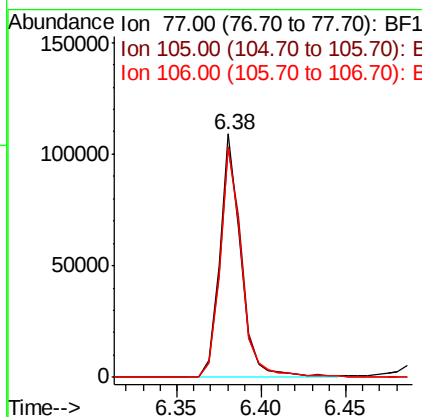
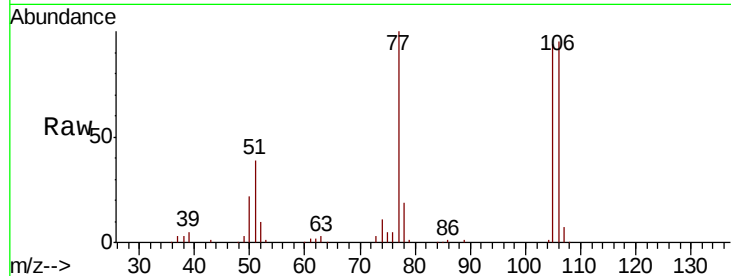
ClientSampleId :

PB122916BS

Tot Ion:	77	Resp:	95167
Ion	Ratio	Lower	Upper
77	100		
105	94.4	76.7	116.7
106	94.6	73.1	113.1

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#10

Phenol

Concen: 39.129 ng

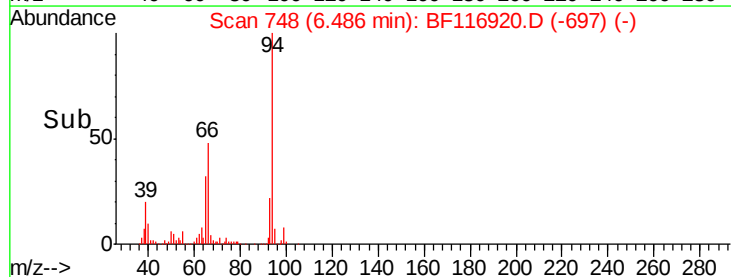
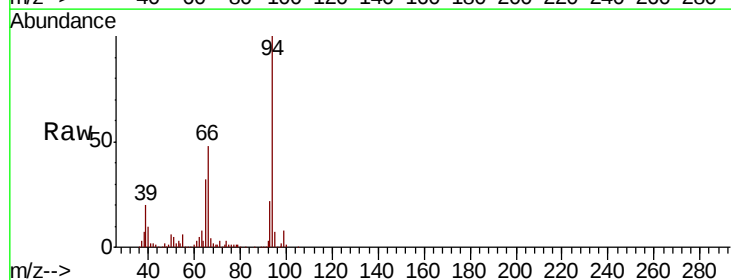
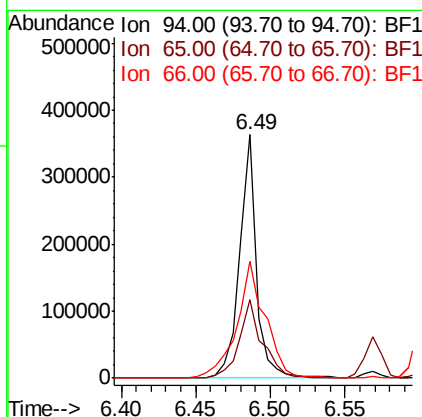
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion:	94	Resp:	288238
Ion	Ratio	Lower	Upper
94	100		
65	32.5	10.8	50.8
66	47.9	21.1	61.1





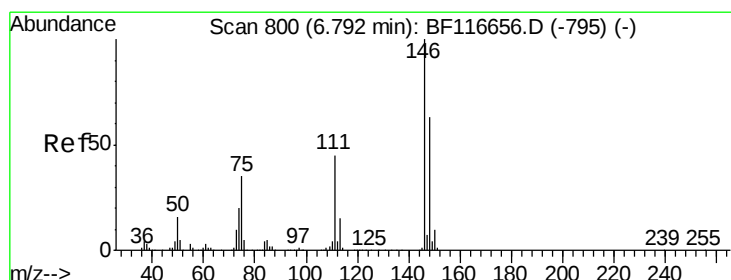
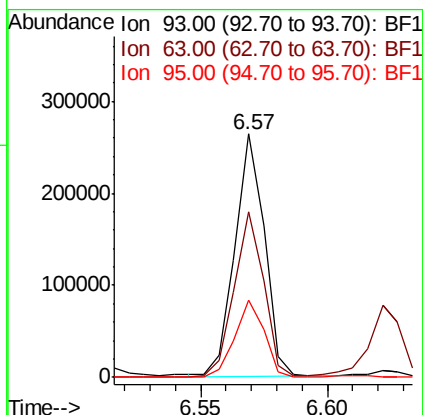
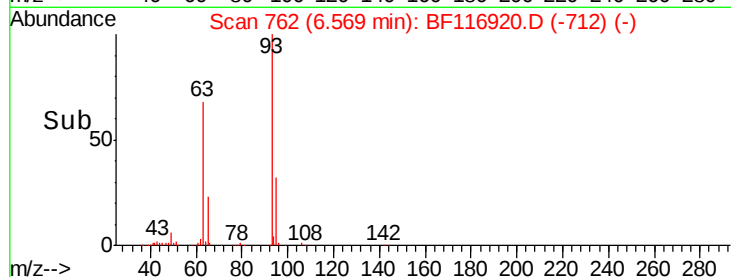
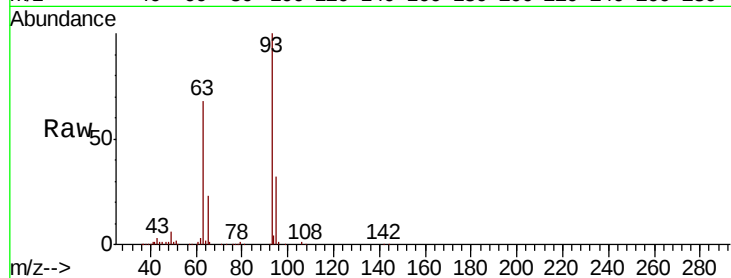
#11
bis(2-Chloroethyl)ether
Concen: 36.994 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.8	49.9	89.9
95	31.7	12.7	52.7

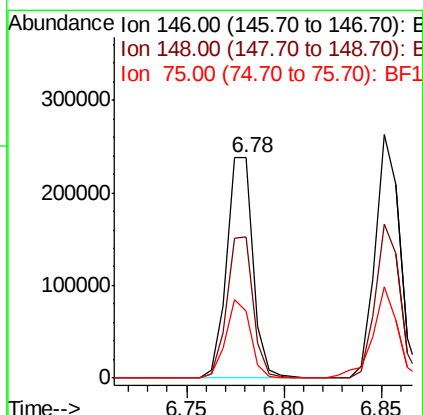
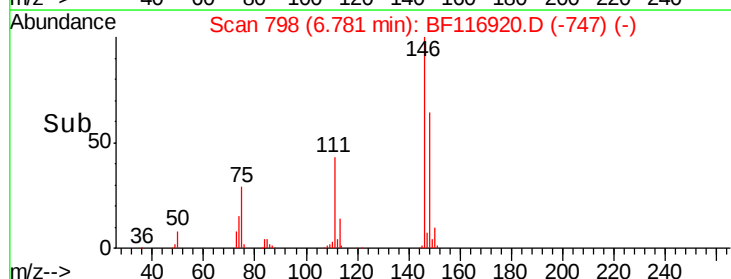
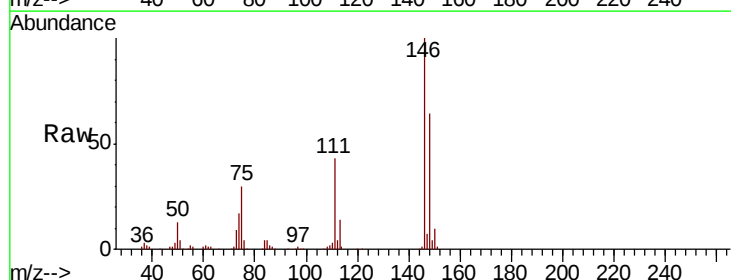
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#12
1,3-Dichlorobenzene
Concen: 35.812 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	30.3	29.6	44.4





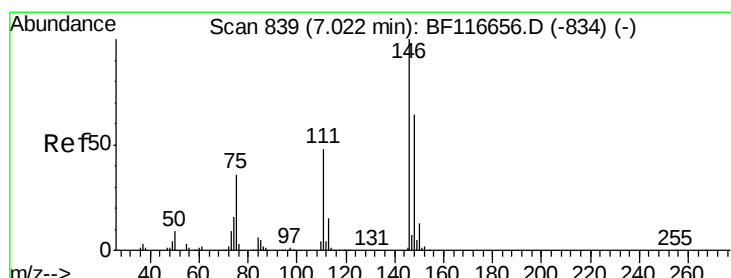
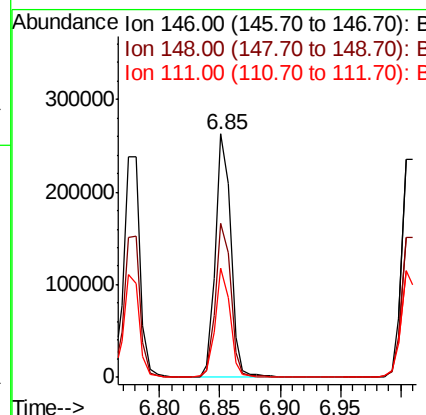
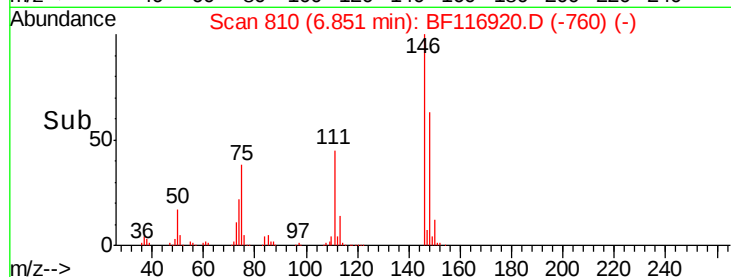
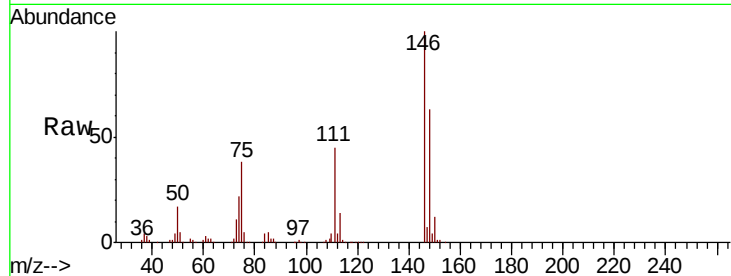
#13
 1,4-Dichlorobenzene
 Concen: 37.125 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.2
111	44.7	34.8	52.2

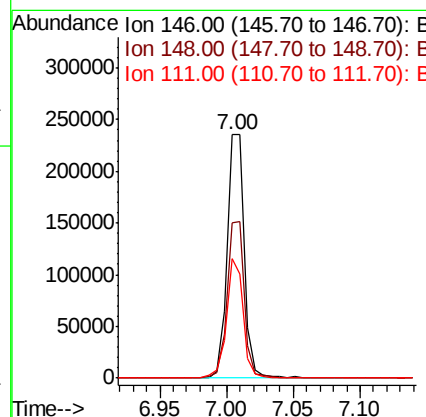
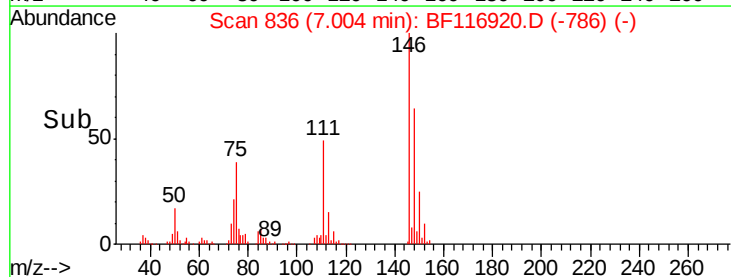
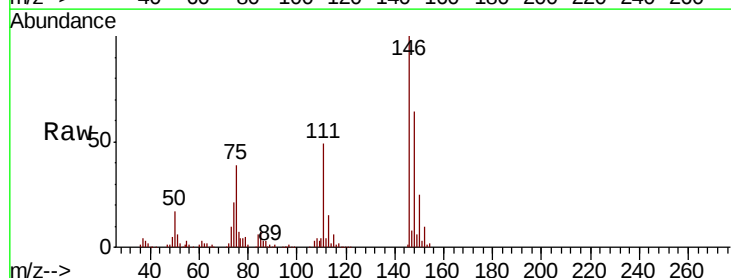
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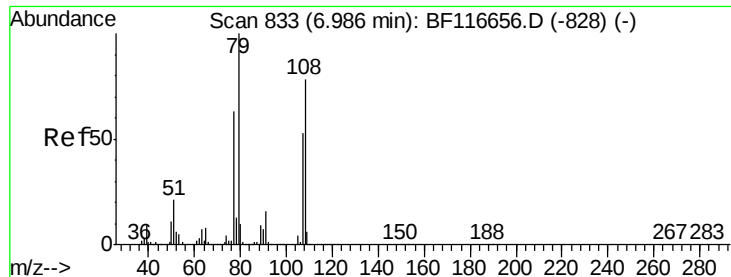
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.361 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	78.8
111	48.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 37.829 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

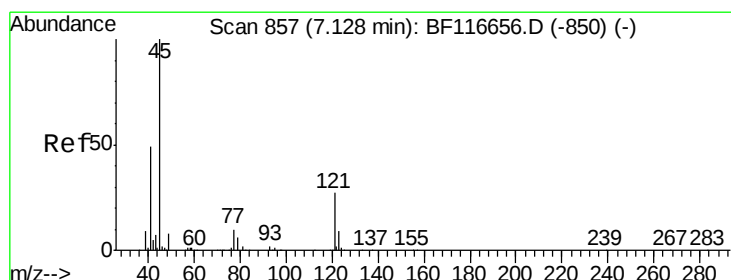
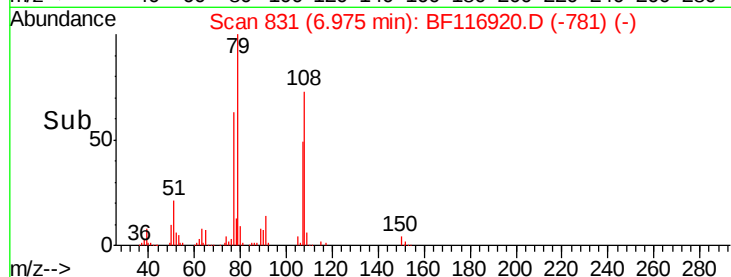
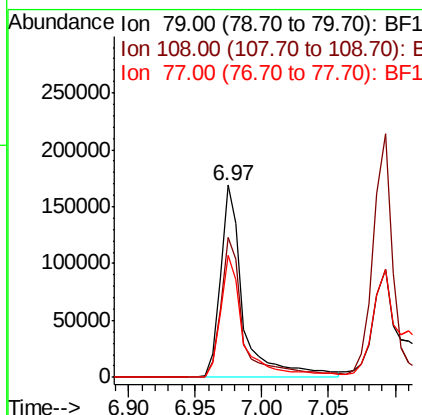
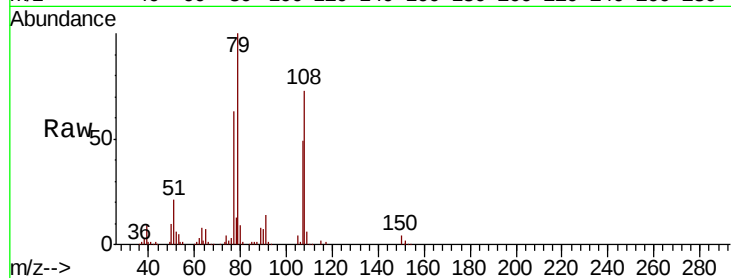
ClientSampleId :

PB122916BS

Tot Ion:	79	Resp:	204277
Ion Ratio	Lower	Upper	
79	100		
108	72.6	59.2	88.8
77	63.4	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.534 ng

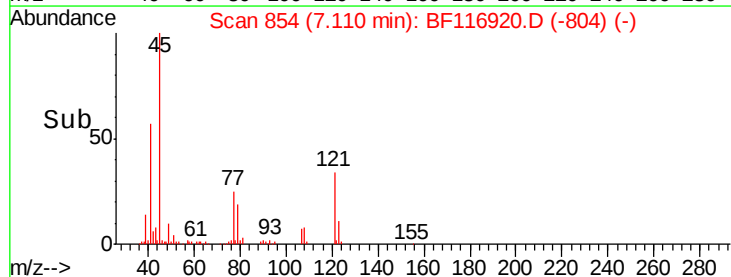
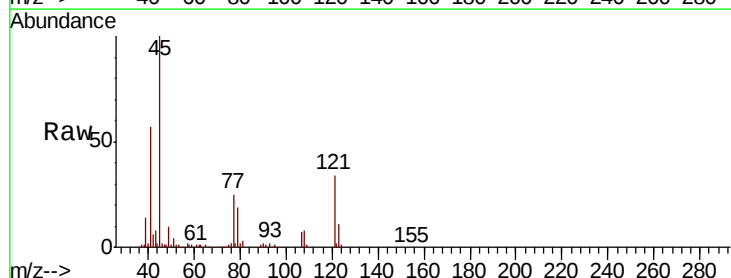
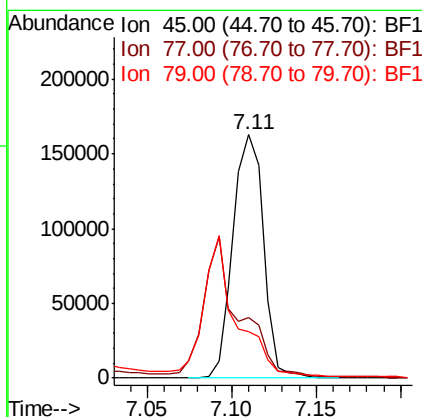
RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion:	45	Resp:	205476
Ion Ratio	Lower	Upper	
45	100		
77	25.0	0.0	38.2
79	19.3	0.0	33.9





#17

2-Methylphenol

Concen: 40.120 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

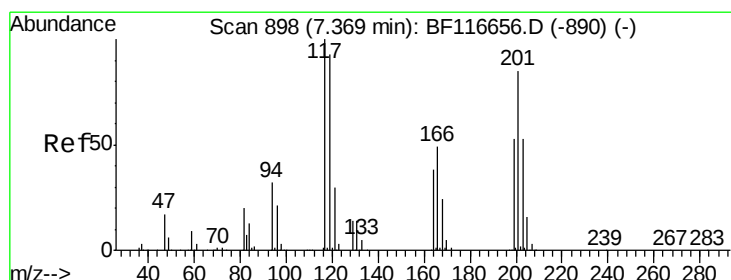
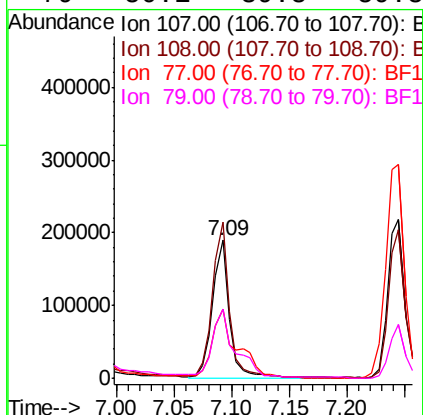
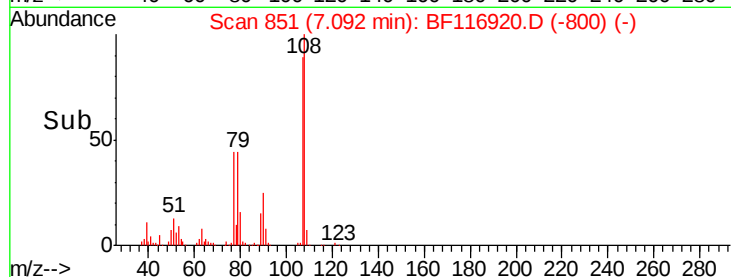
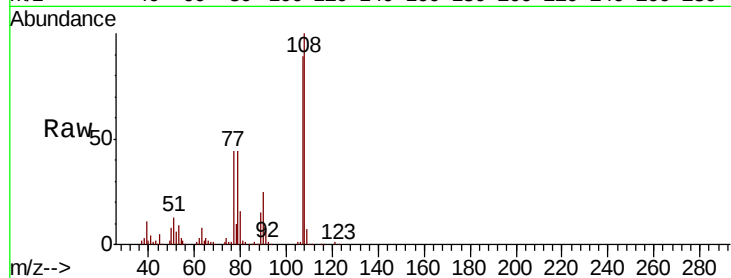
ClientSampleId :

PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	88.3	132.5	
77	49.8	39.9	59.9	
79	50.1	39.8	59.8	

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#18

Hexachloroethane

Concen: 36.750 ng

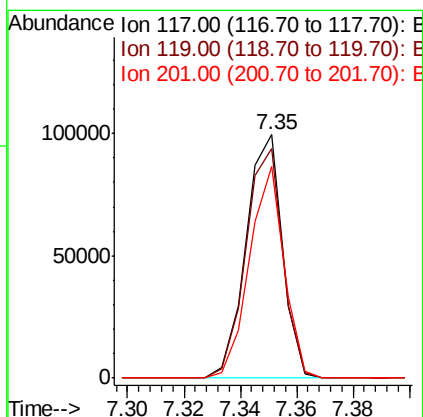
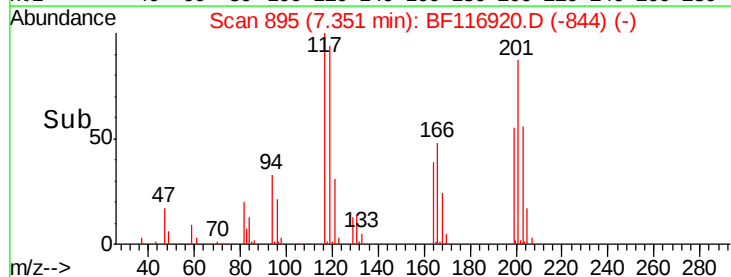
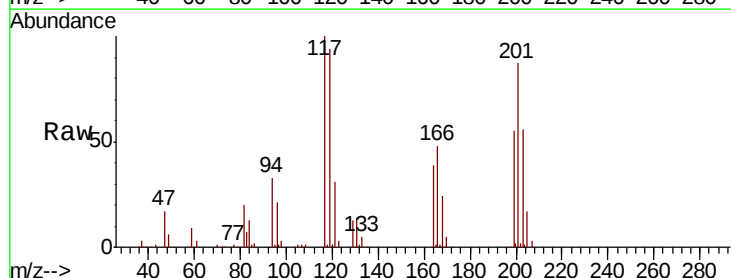
RT: 7.35 min Scan# 895

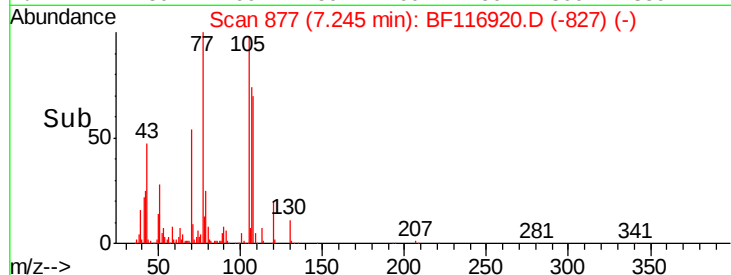
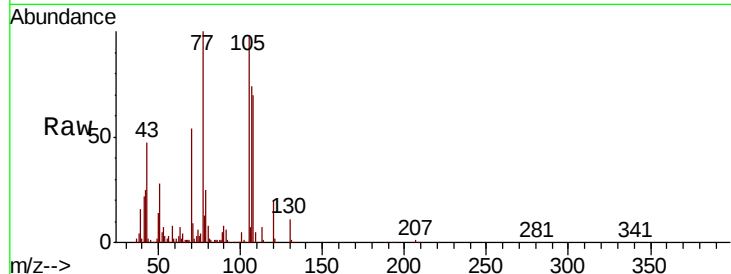
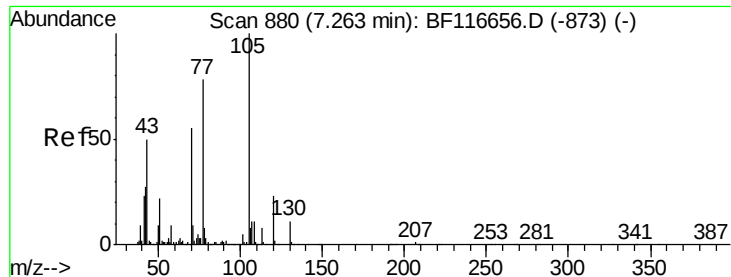
Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	76.9	115.3	
201	87.1	79.4	119.0	





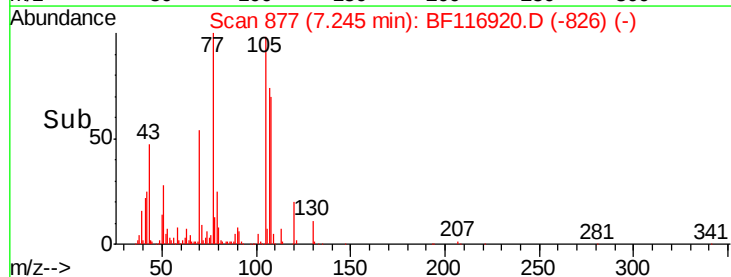
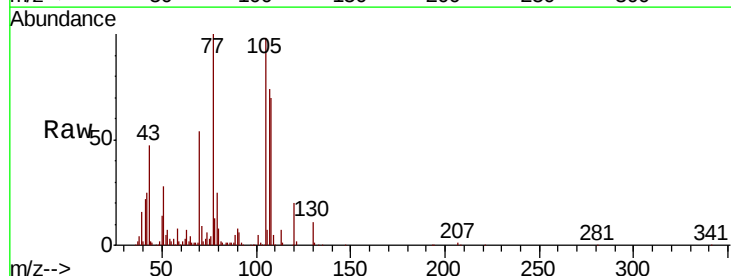
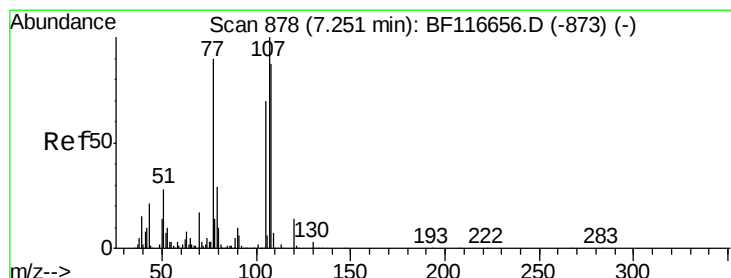
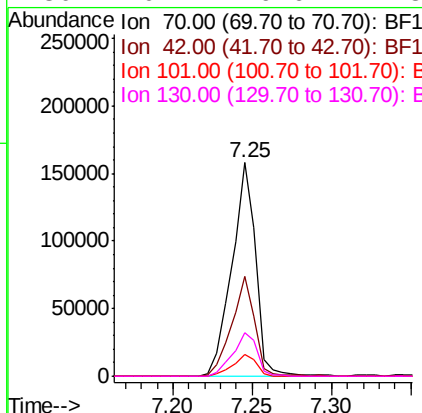
#19
n-Nitroso-di-n-propylamine
Concen: 37.421 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	43.5	65.3
101	10.0	7.8	11.6
130	20.4	16.6	24.8

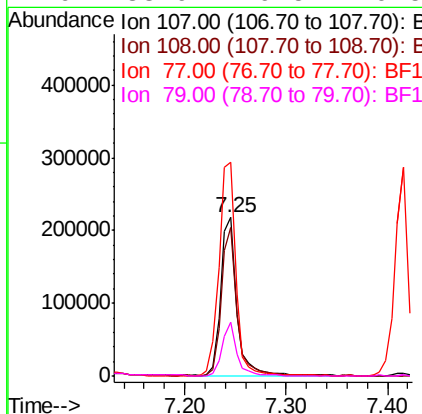
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#20
3+4-Methylphenols
Concen: 42.481 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.1	65.5	105.5
77	135.1	69.4	109.4#
79	33.9	9.5	49.5





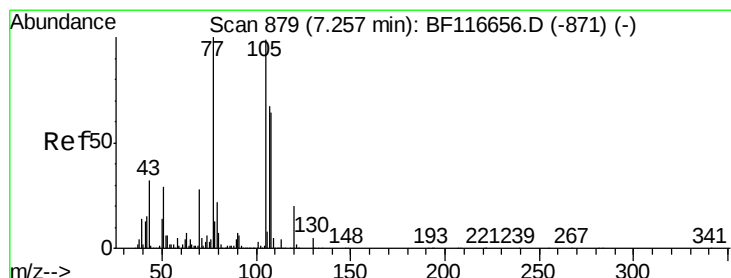
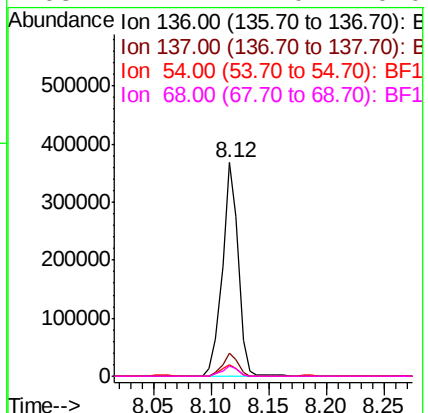
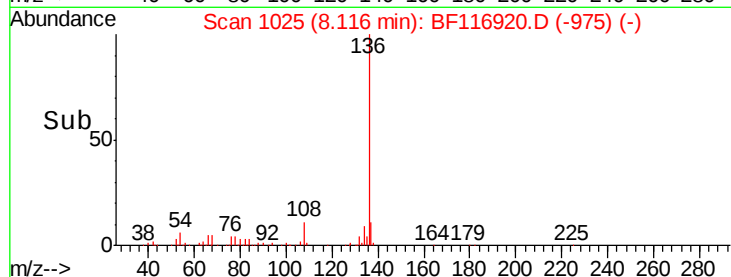
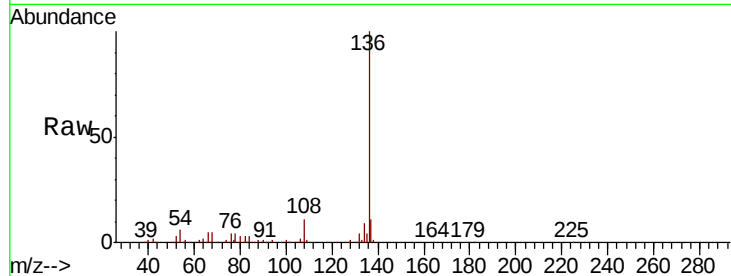
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	5.7	4.8	7.2	
68	4.7	4.0	6.0	

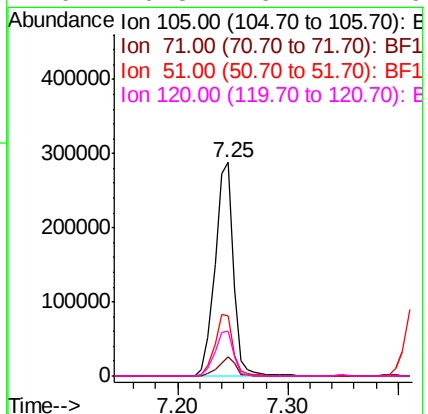
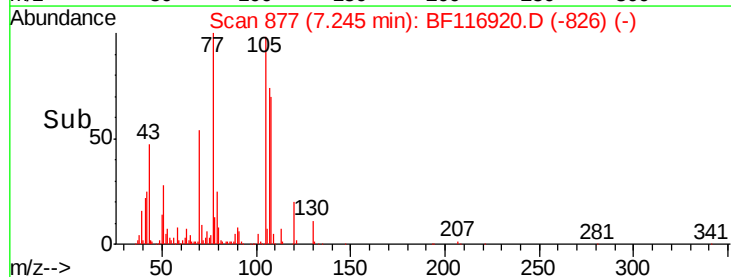
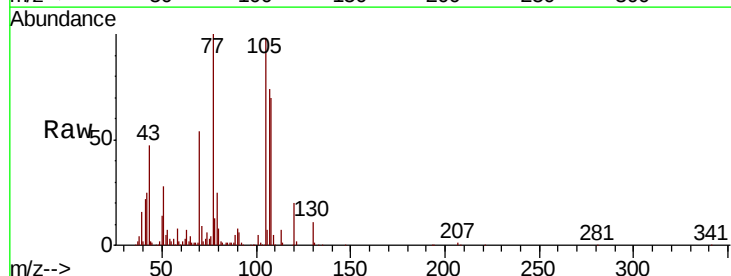
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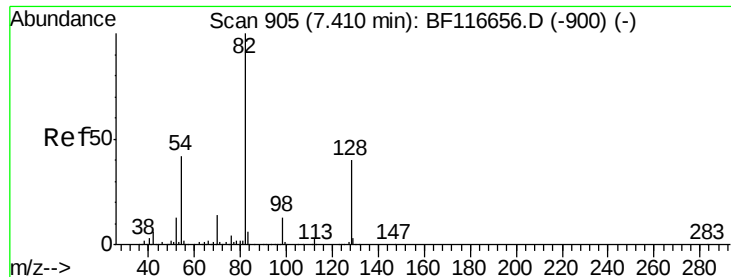
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#22
Acetophenone
Concen: 39.094 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	4.2	6.4#	
51	28.3	25.8	38.8	
120	20.8	16.4	24.6	





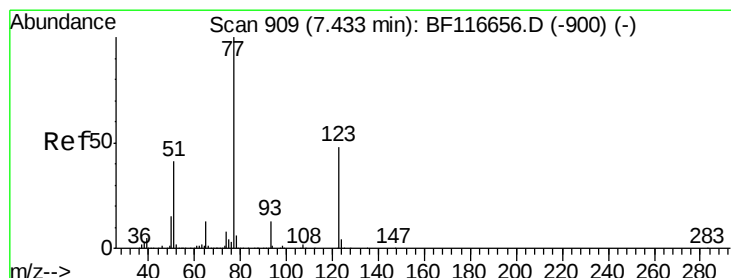
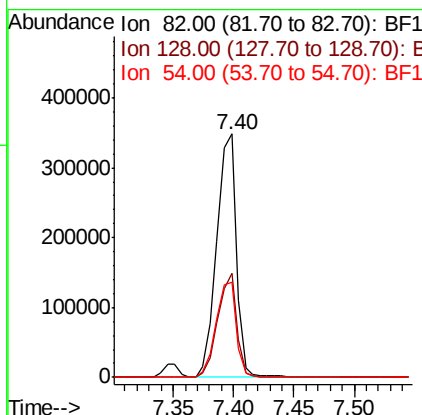
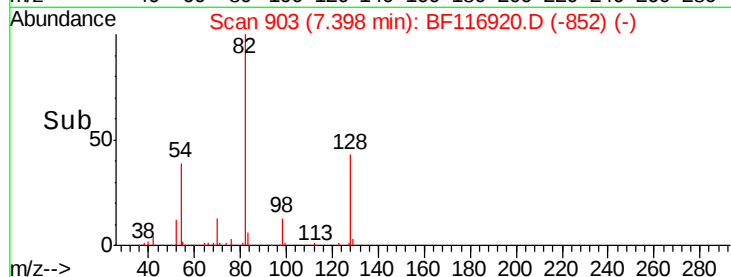
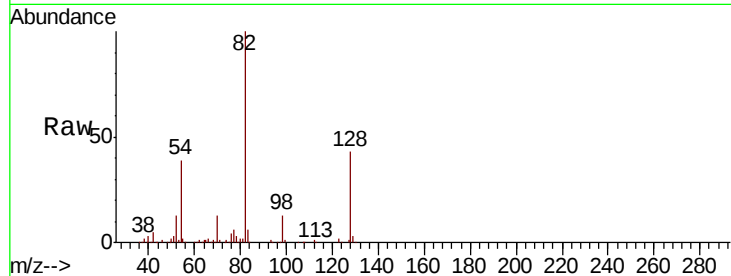
#23
Nitrobenzene-d5
Concen: 63.245 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	389355		
128	43.0		32.8	49.2
54	39.3		36.9	55.3

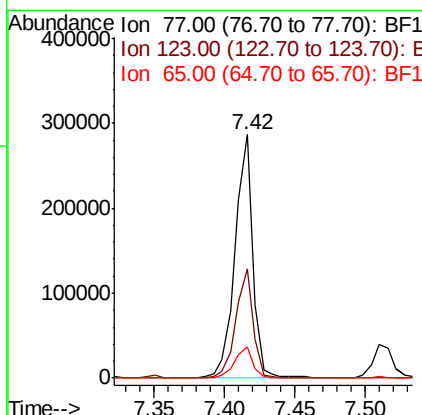
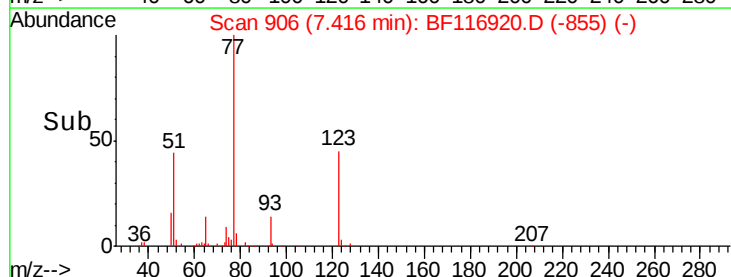
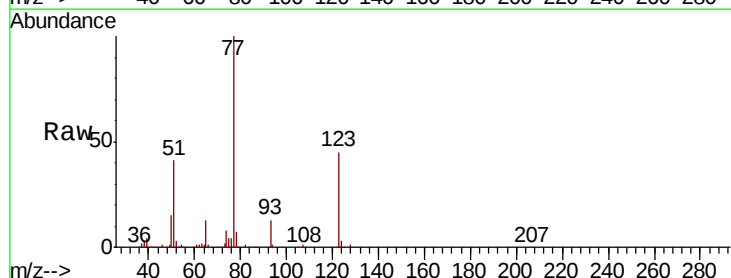
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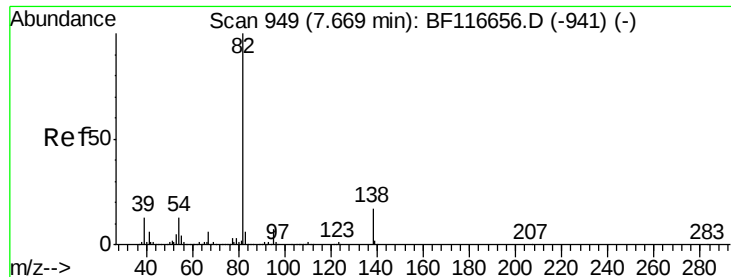
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#24
Nitrobenzene
Concen: 39.836 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	249423		
123	45.1		33.1	49.7
65	12.8		10.6	15.8





#25

Isophorone

Concen: 36.893 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

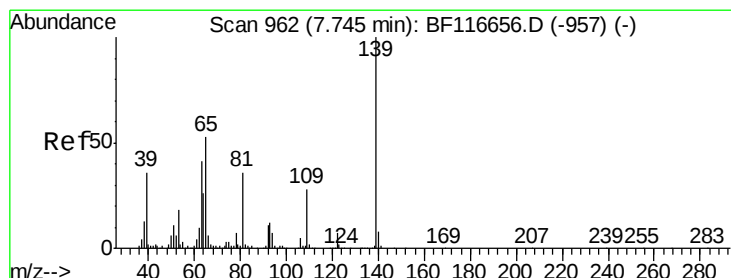
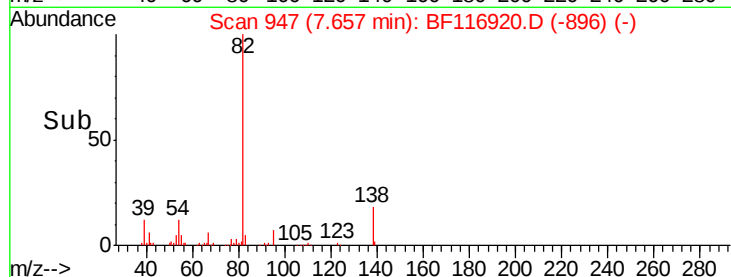
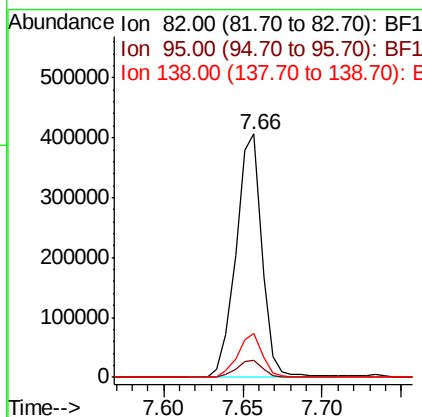
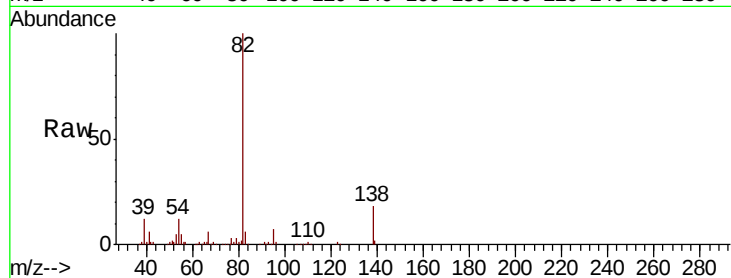
ClientSampleID :

PB122916BS

Tot Ion:	82	Resp:	460230
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	17.9	13.5	20.3

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#26

2-Nitrophenol

Concen: 51.031 ng

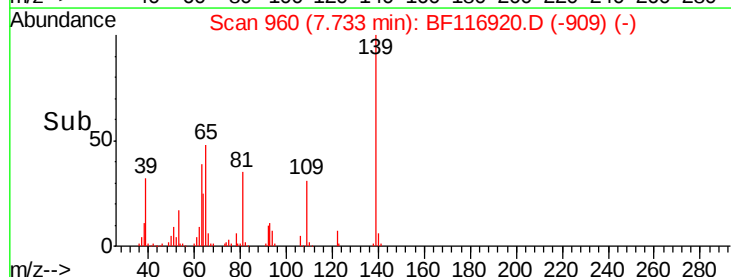
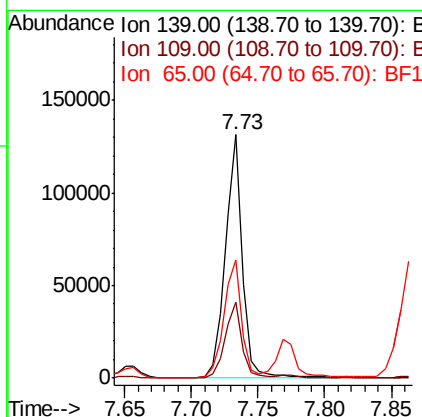
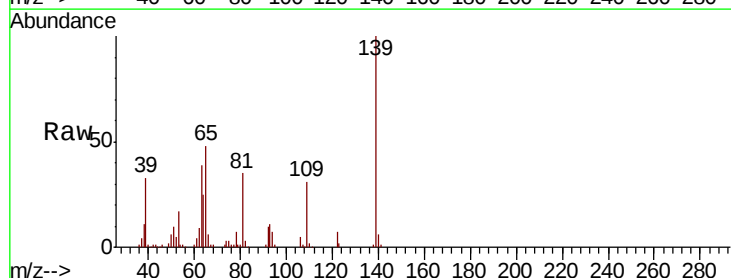
RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion:	139	Resp:	118791
Ion Ratio	Lower	Upper	
139	100		
109	31.1	27.1	40.7
65	48.4	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 42.695 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

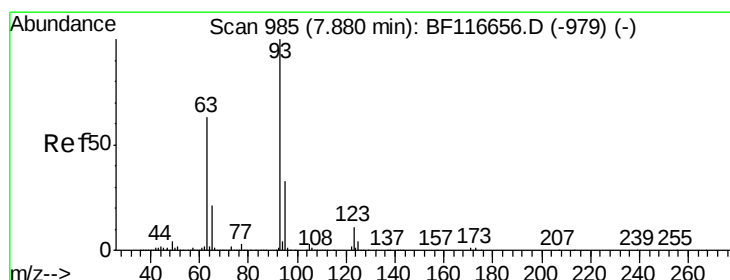
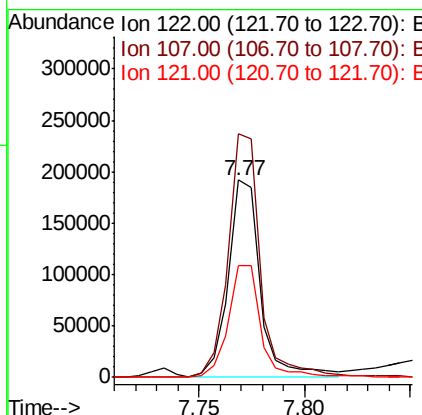
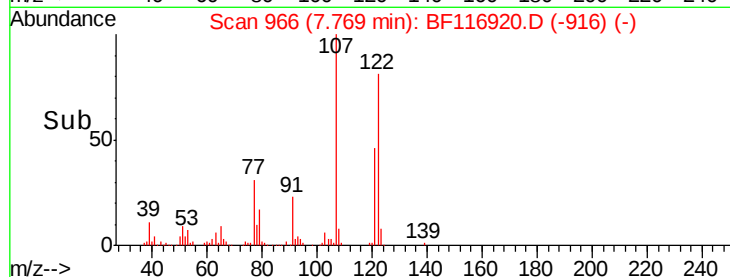
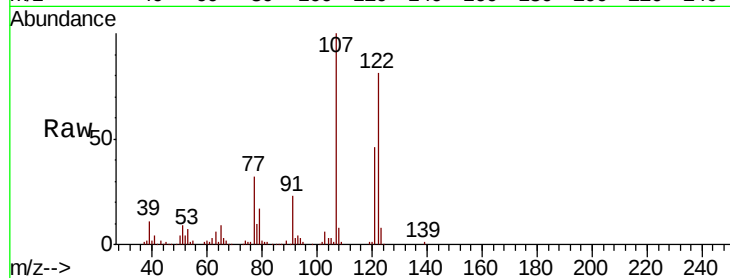
ClientSampleId :

PB122916BS

Tot Ion:	122	Resp:	200717
Ion Ratio	Lower	Upper	
122	100		
107	123.6	98.1	147.1
121	56.8	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 36.152 ng

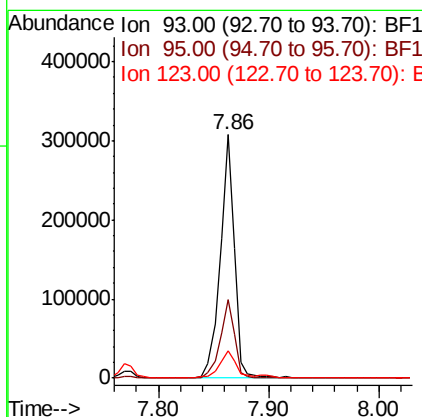
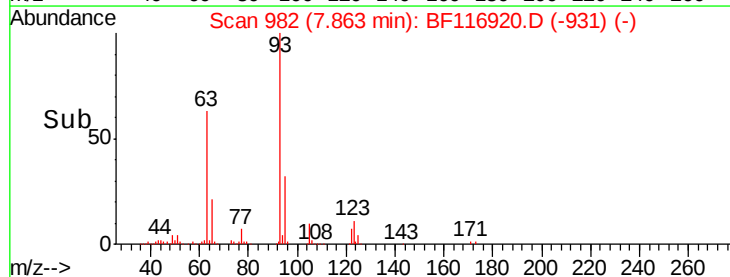
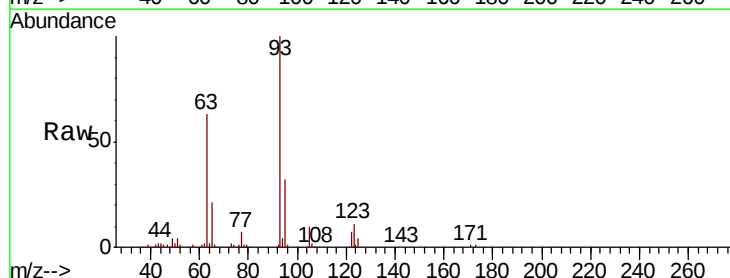
RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion:	93	Resp:	275596
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.4	39.6
123	11.4	9.8	14.8





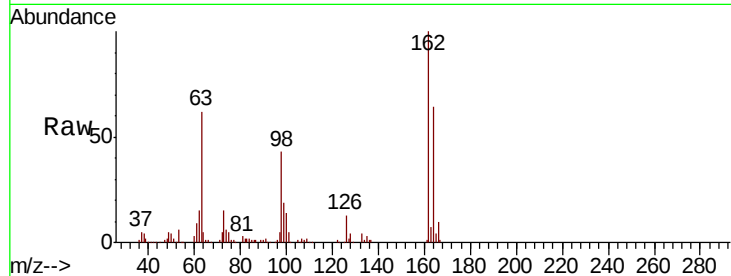
#29
2,4-Dichlorophenol
Concen: 41.388 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

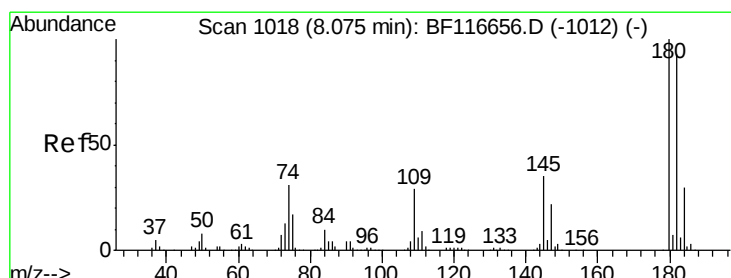
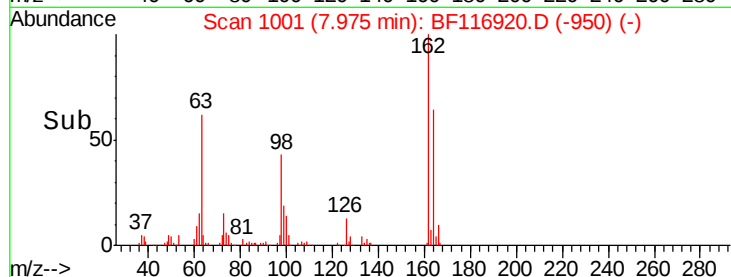
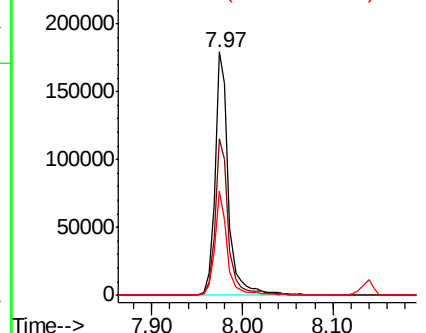
Tot Ion:	162	Resp:	186990
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.4	83.4
98	42.6	18.1	58.1

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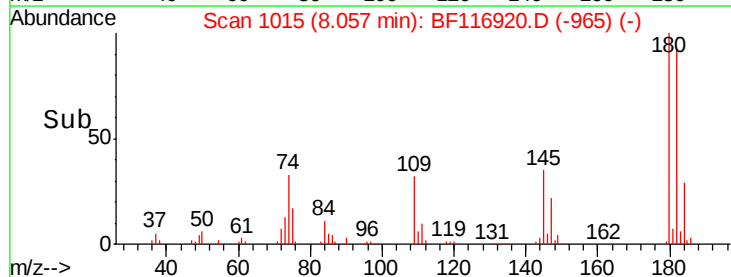
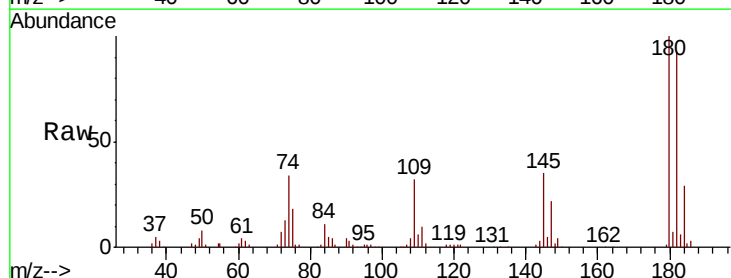
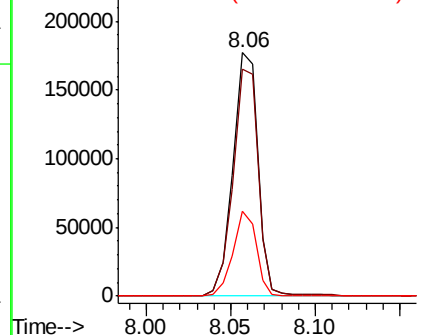
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

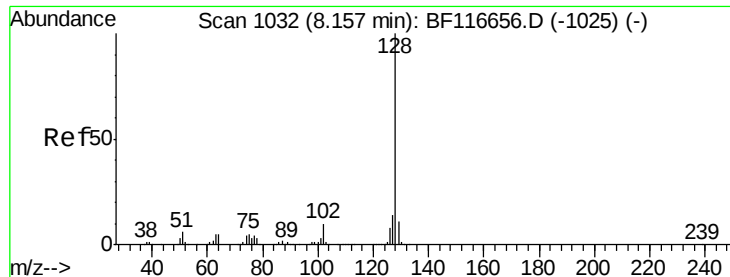


#30
1,2,4-Trichlorobenzene
Concen: 37.206 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion:	180	Resp:	182323
Ion Ratio	Lower	Upper	
180	100		
182	93.2	78.6	118.0
145	35.0	25.7	38.5

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





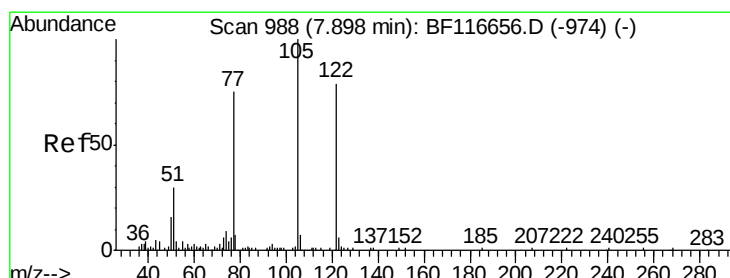
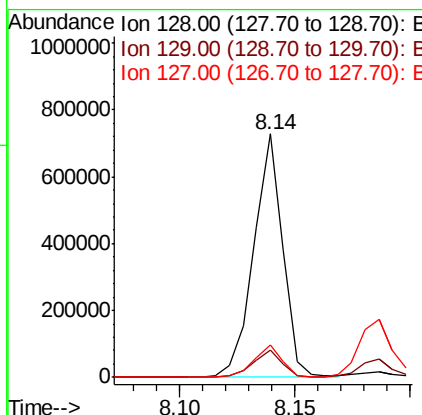
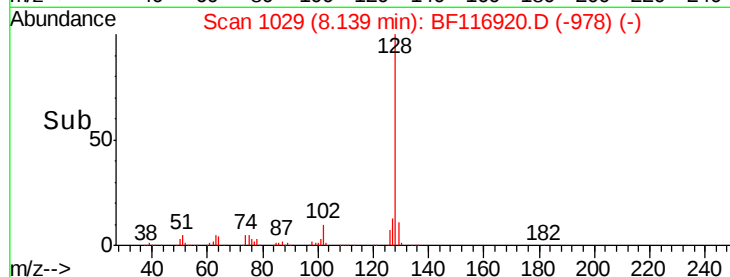
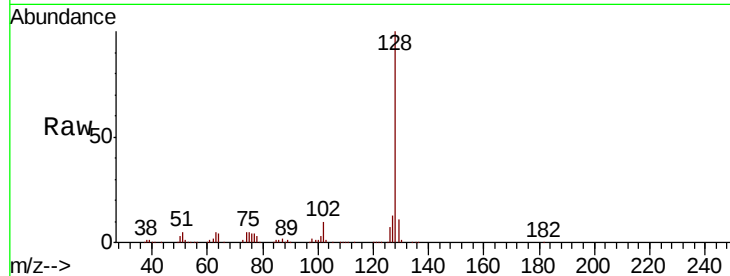
#31
Naphthalene
Concen: 38.470 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.1	10.4	15.6

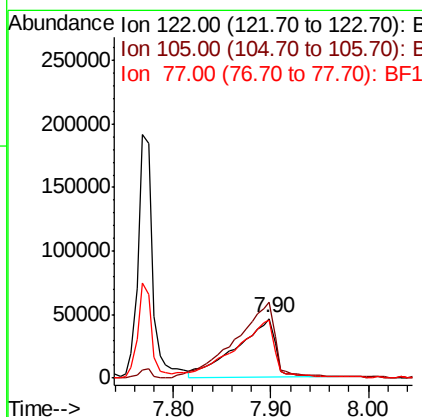
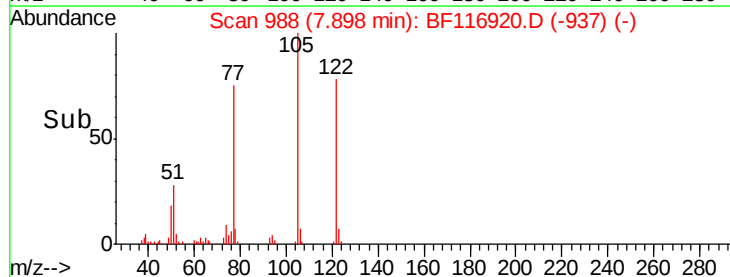
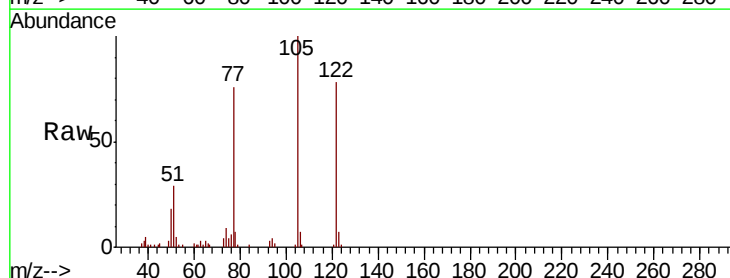
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#32
Benzoic acid
Concen: 48.097 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	110.0	150.0
77	97.8	81.7	121.7





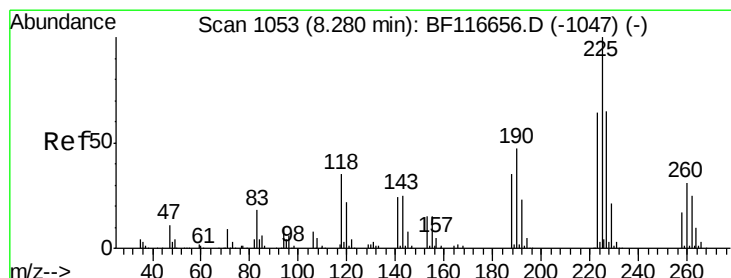
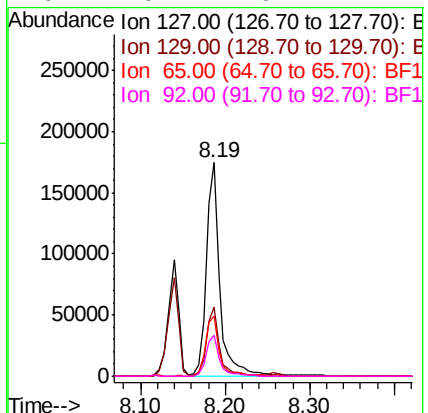
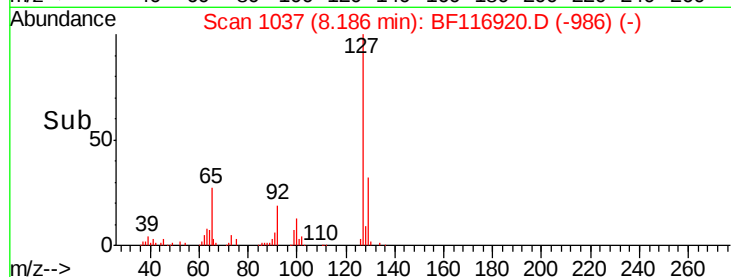
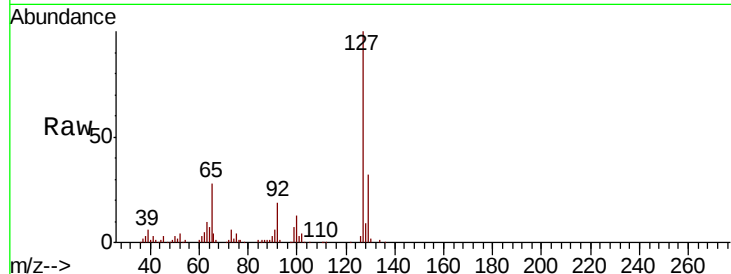
#33
4-Chloroaniline
Concen: 25.663 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampled :
PB122916BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		195222		
129	32.1	26.2	39.2		
65	28.4	26.0	39.0		
92	19.2	16.1	24.1		

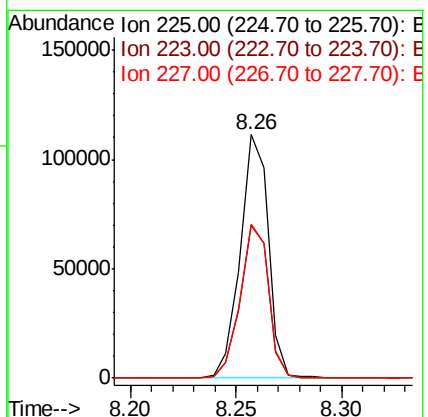
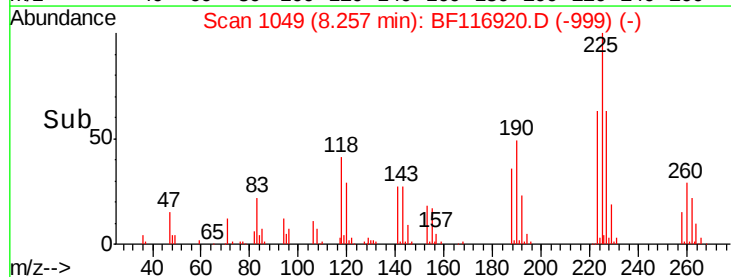
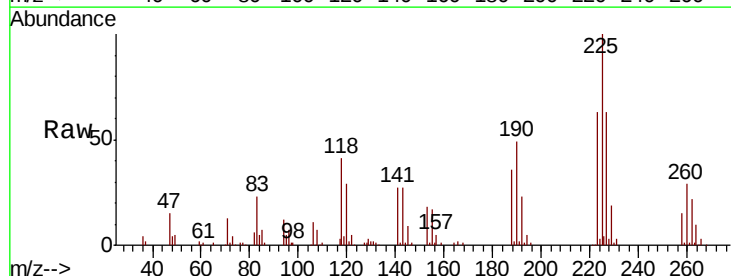
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#34
Hexachlorobutadiene
Concen: 38.389 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		102572		
223	62.9	49.4	74.2		
227	63.4	51.0	76.4		





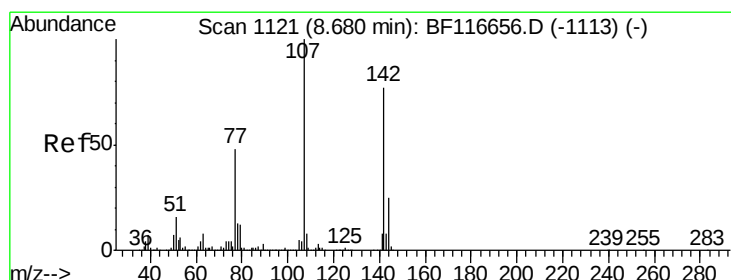
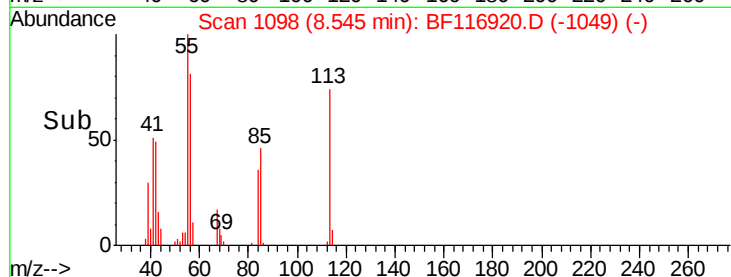
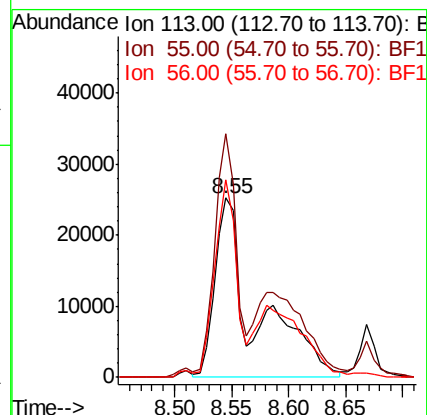
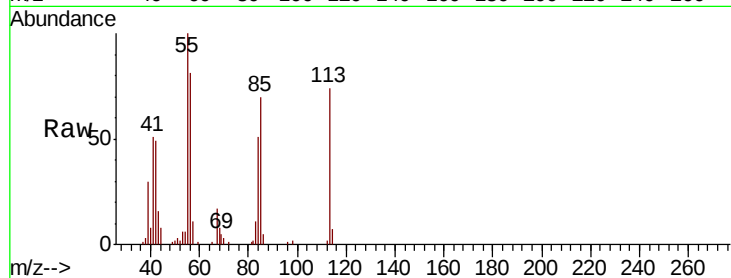
#35
 Caprolactam
 Concen: 36.364 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		61486		
55	135.9	124.3	164.3		
56	110.6	94.6	134.6		

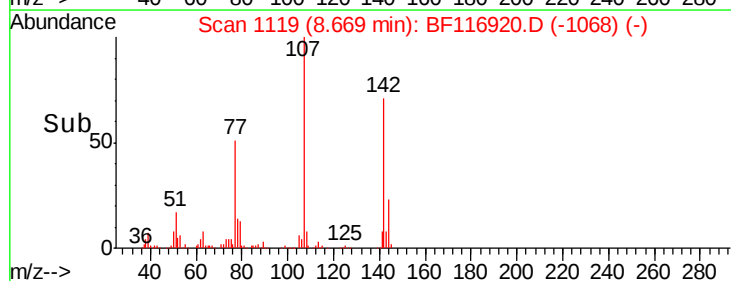
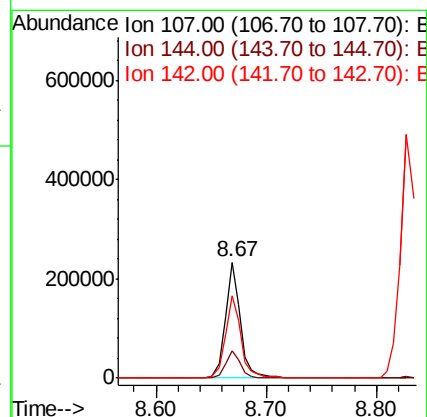
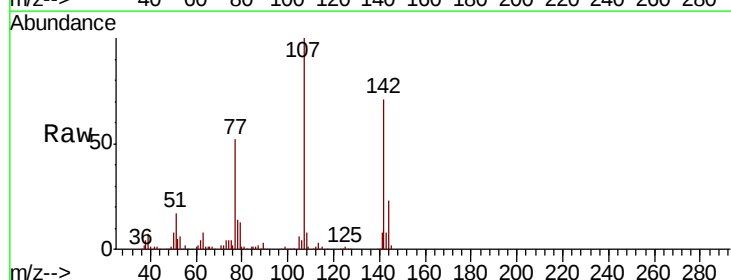
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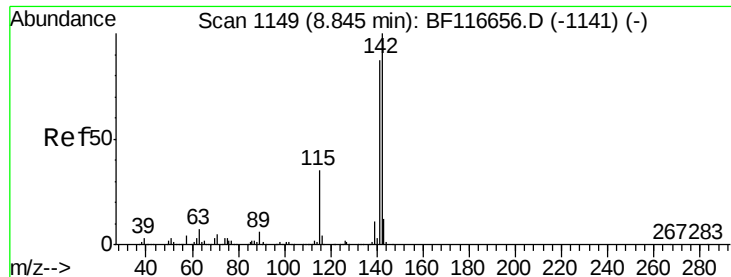
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#36
 4-Chloro-3-methylphenol
 Concen: 42.785 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		222168		
144	23.3	18.6	27.8		
142	71.2	58.5	87.7		





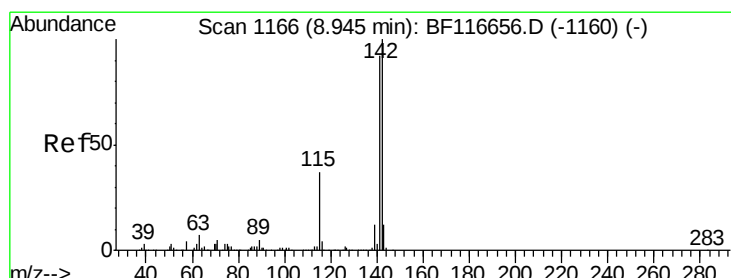
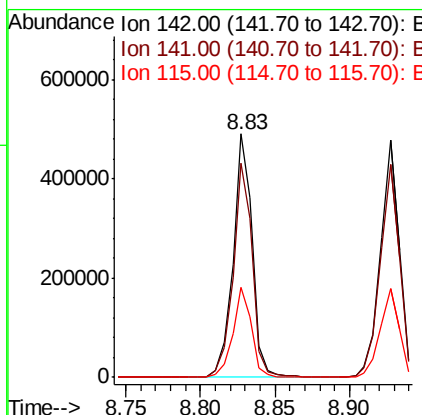
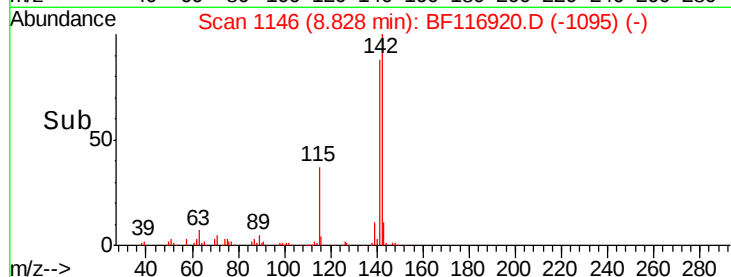
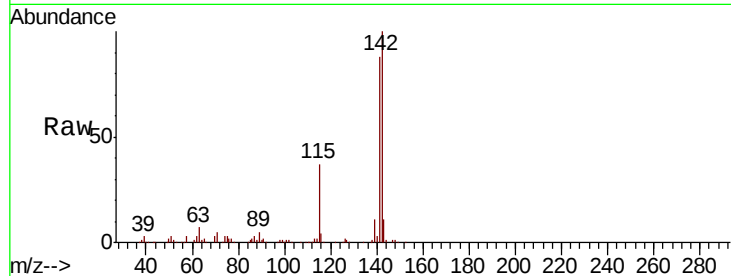
#37
2-Methylnaphthalene
Concen: 39.935 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.6	109.0
115	36.8	29.8	44.6

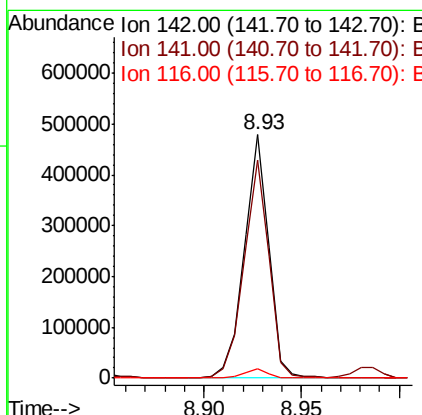
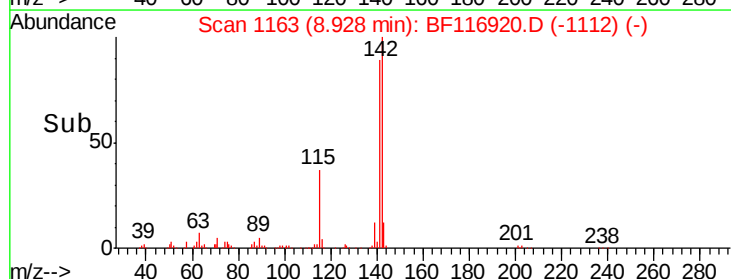
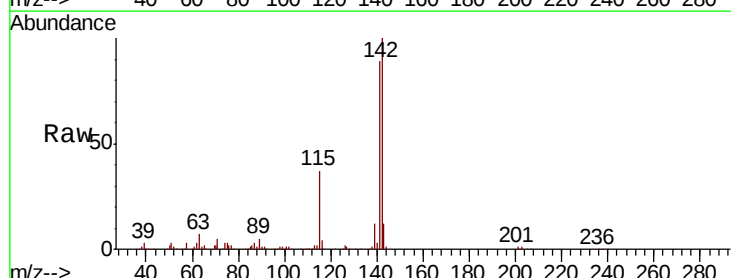
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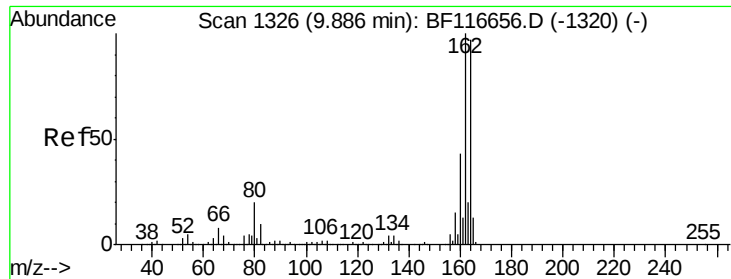
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#38
1-Methylnaphthalene
Concen: 39.508 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.9	110.9
116	3.8	3.0	4.6





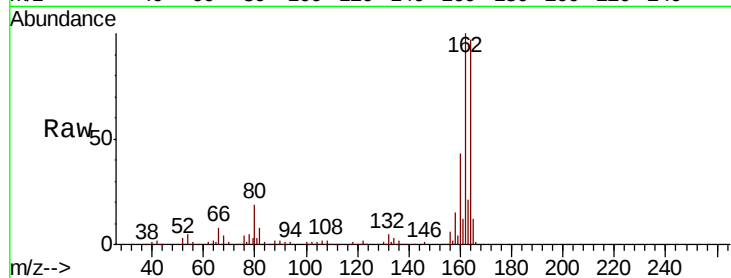
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	81.4	122.0	
160	44.6	35.4	53.2	

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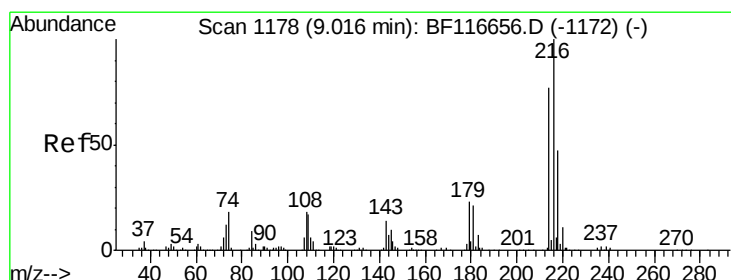
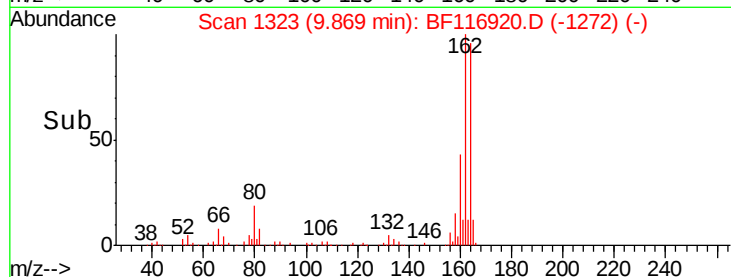
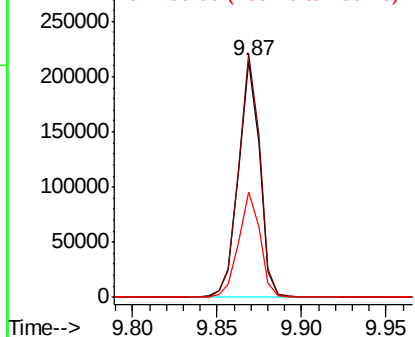


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.474 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	62.7	94.1	
179	24.6	19.3	28.9	
108	23.6	16.6	25.0	

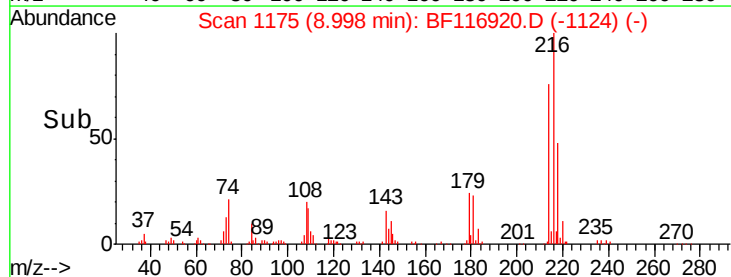
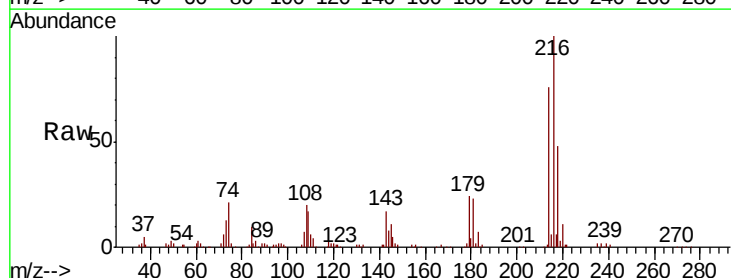
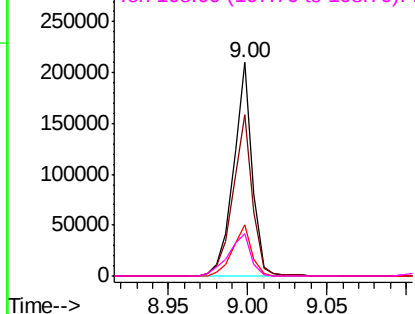
Abundance

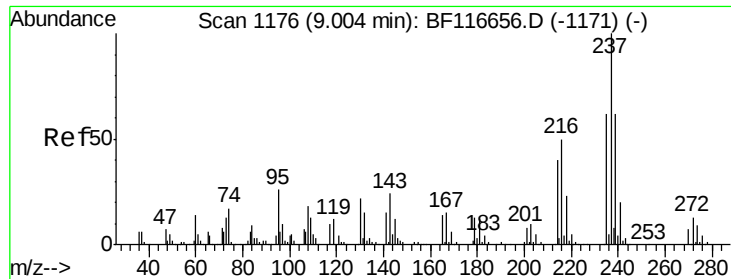
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 52.363 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

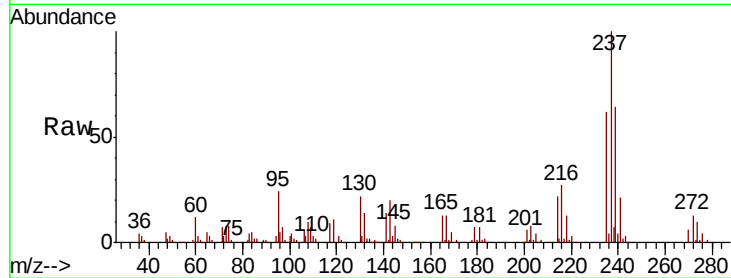
ClientSampleId :

PB122916BS

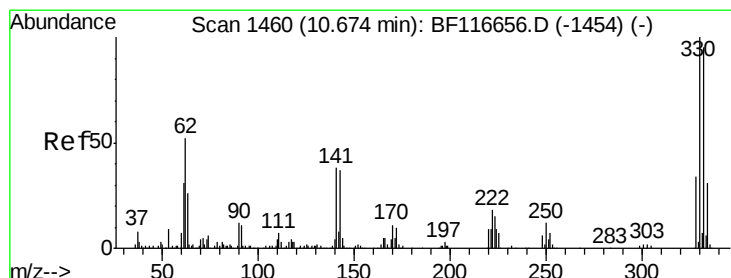
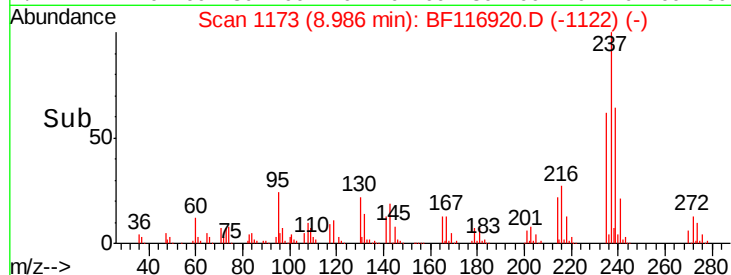
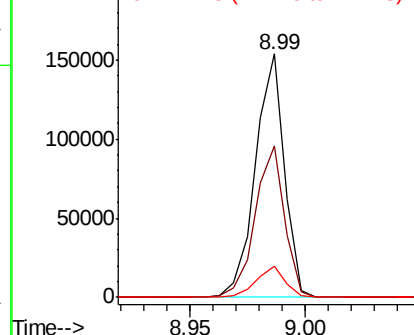
Tot Ion:	237	Resp:	135457
Ion Ratio		Lower	Upper
237	100		
235	62.3	41.4	81.4
272	12.7	0.0	32.8

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



#42

2,4,6-Tribromophenol

Concen: 123.642 ng

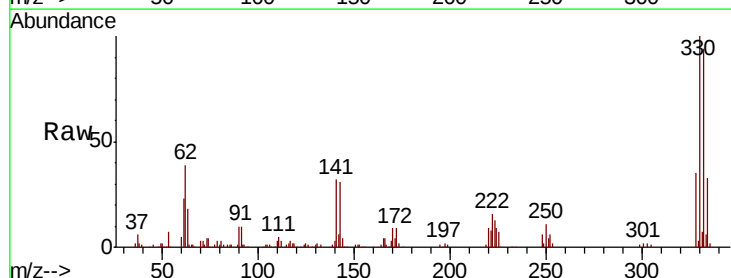
RT: 10.66 min Scan# 1458

Delta R.T. 0.01 min

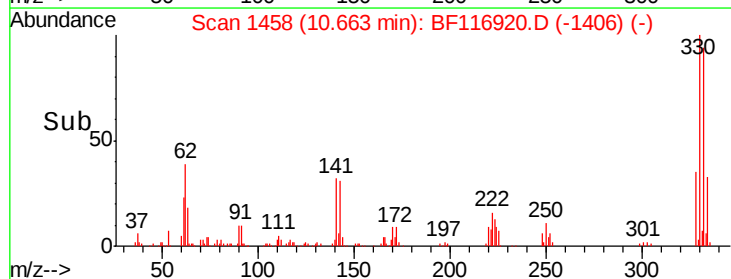
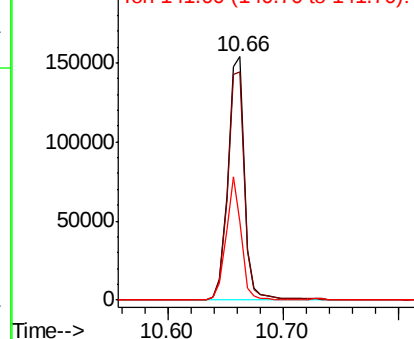
Lab File: BF116920.D

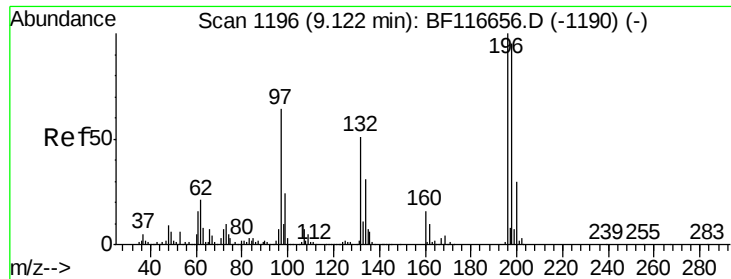
Acq: 10 Sep 2019 14:46

Tgt Ion:	330	Resp:	154463
Ion Ratio		Lower	Upper
330	100		
332	95.4	76.9	115.3
141	45.8	31.4	47.2



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





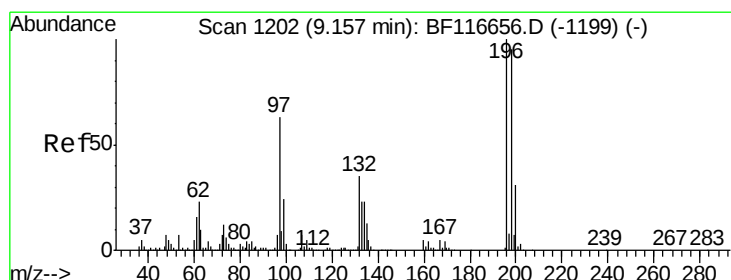
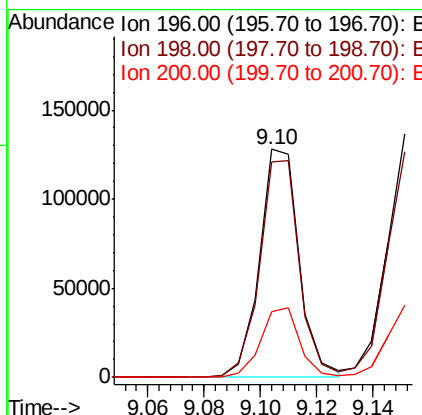
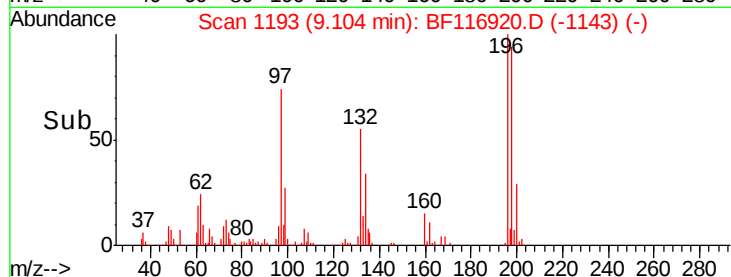
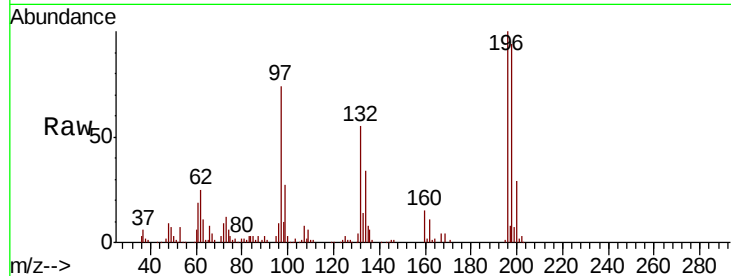
#43
2,4,6-Trichlorophenol
Concen: 40.536 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	124477		
198	94.5	79.1	118.7	
200	28.9	24.0	36.0	

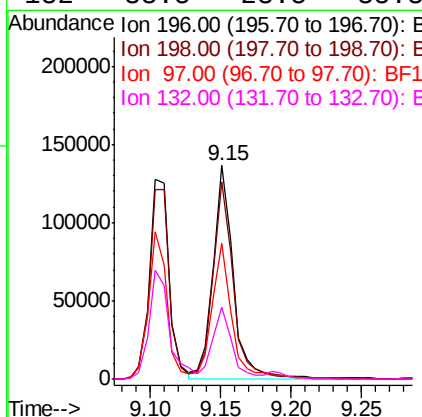
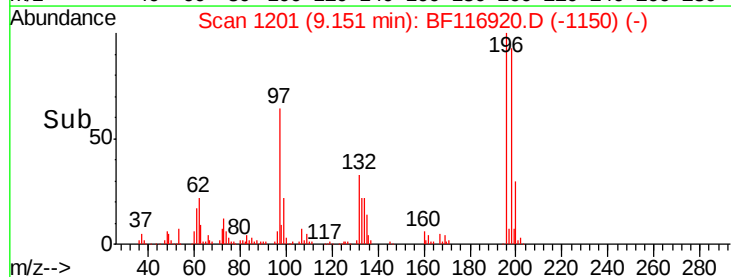
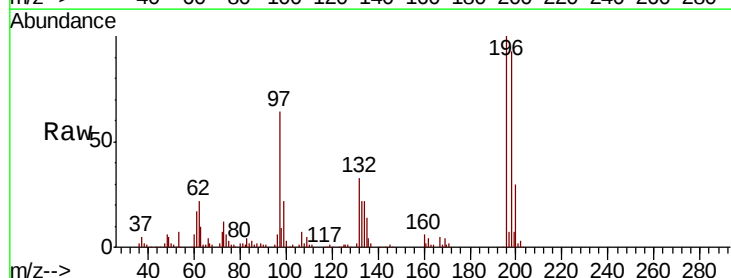
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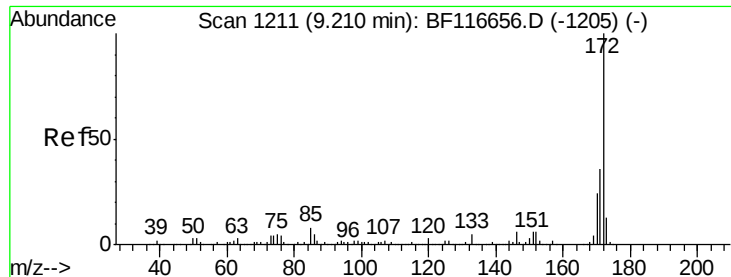
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#44
2,4,5-Trichlorophenol
Concen: 42.457 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135354		
198	92.5	78.1	117.1	
97	63.6	41.6	62.4	
132	33.5	23.5	35.3	





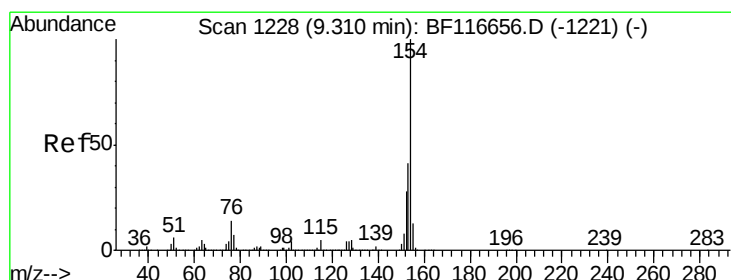
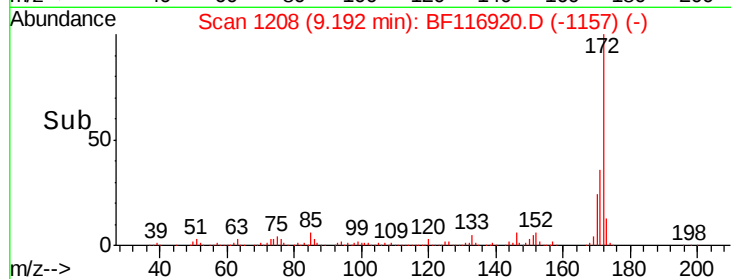
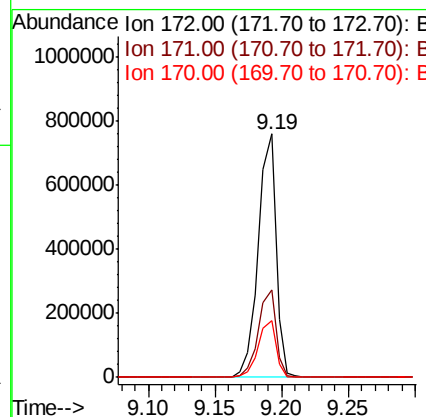
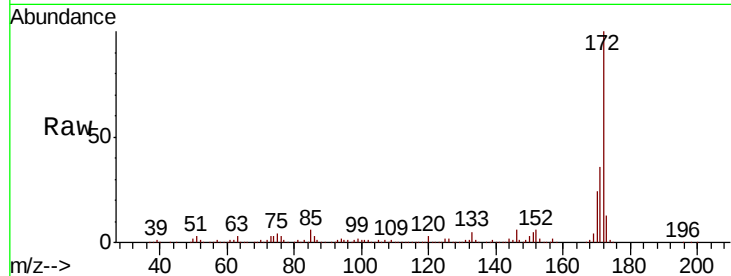
#45
2-Fluorobiphenyl
Concen: 62.824 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	695961		
171	35.8		27.8	41.6
170	23.5		18.9	28.3

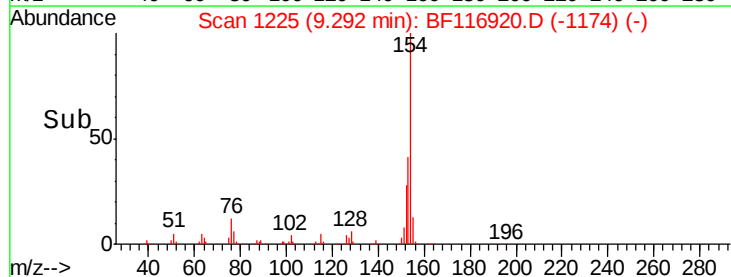
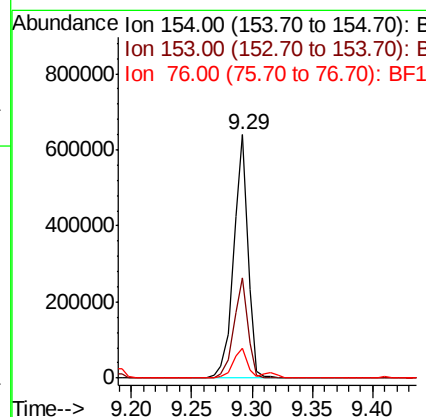
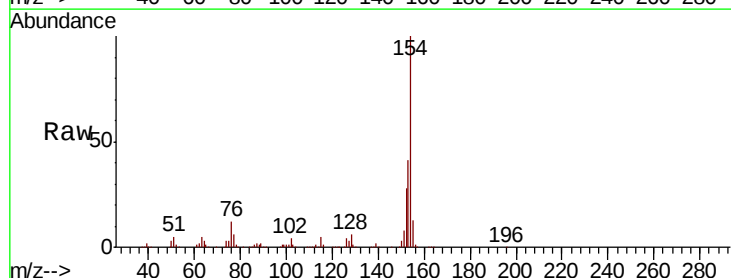
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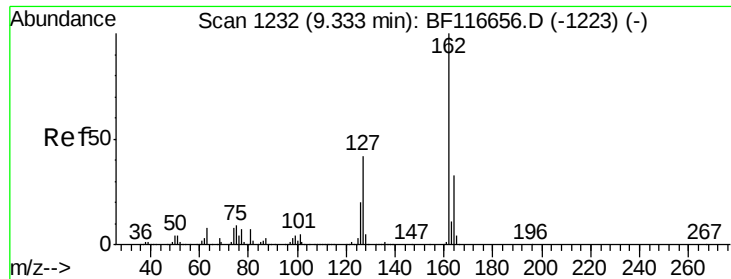
mohammad
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#46
1,1'-Biphenyl
Concen: 37.059 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	525494		
153	40.9		21.2	61.2
76	12.0		0.0	30.9





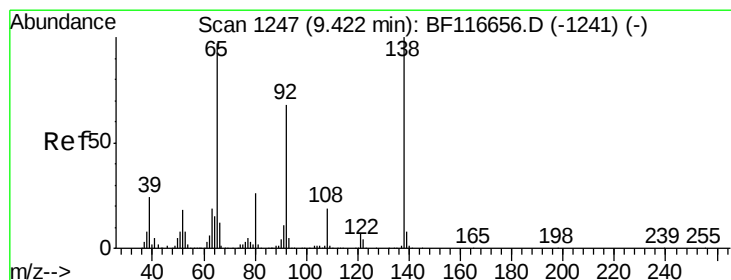
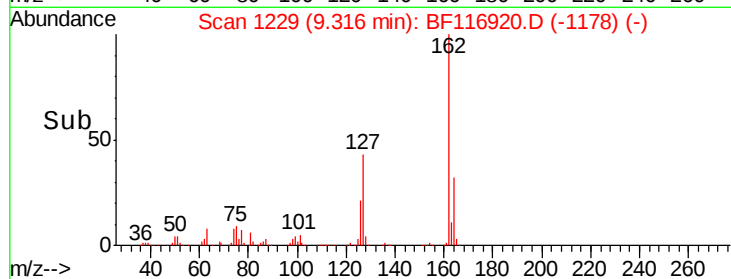
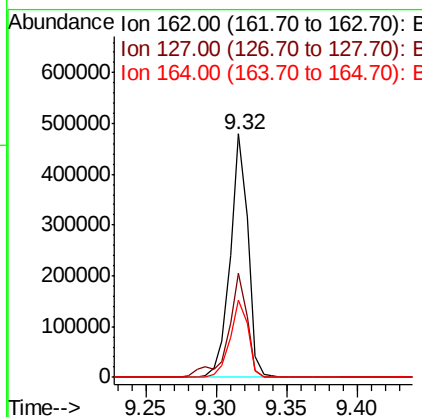
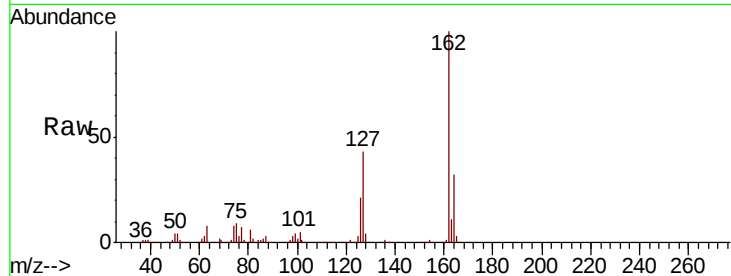
#47
2-Chloronaphthalene
Concen: 37.170 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	417463		
127	42.6	33.4	50.2	
164	31.7	26.6	39.8	

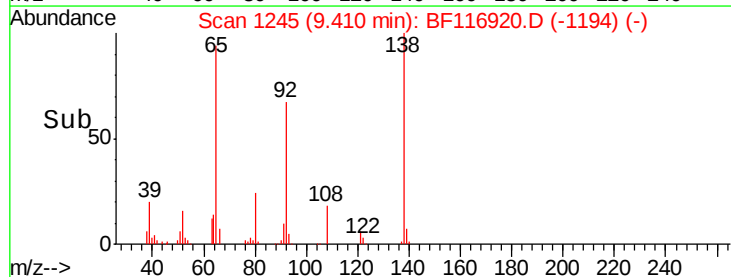
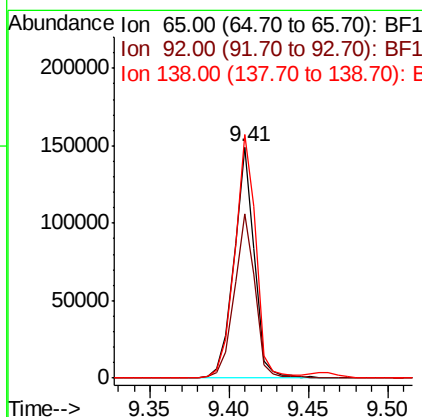
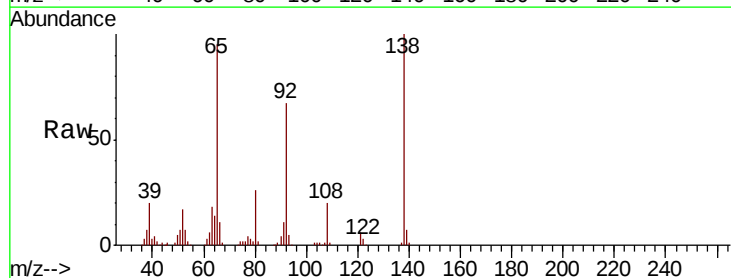
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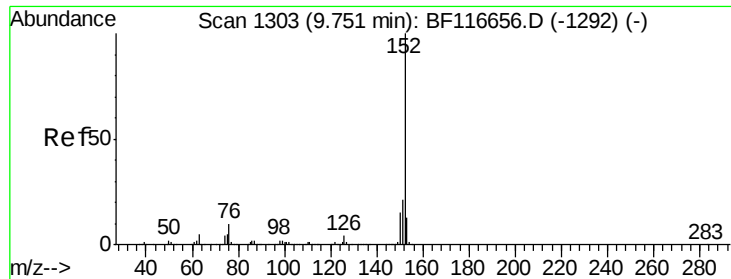
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#48
2-Nitroaniline
Concen: 40.832 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	132579		
92	70.8	57.1	85.7	
138	105.3	88.2	132.2	





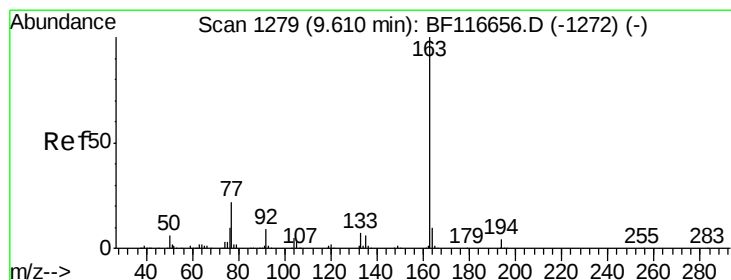
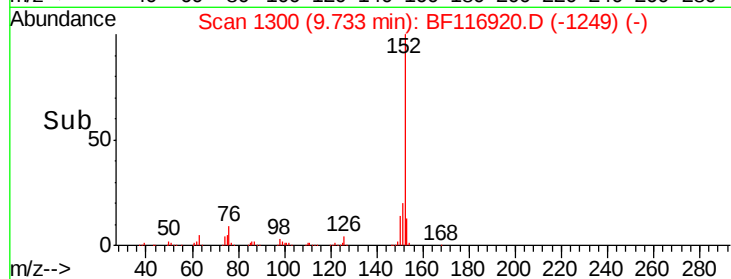
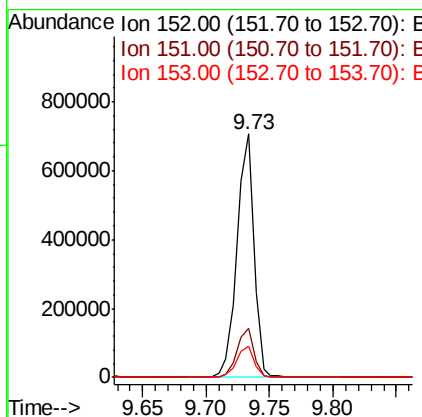
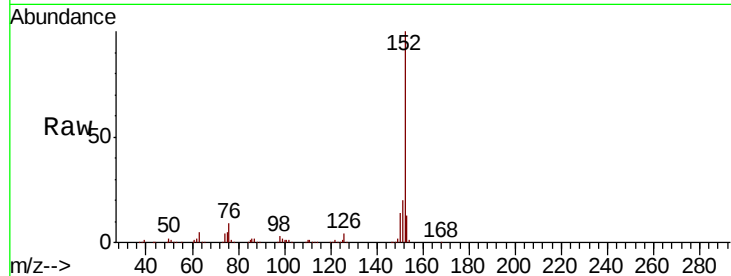
#49
Acenaphthylene
Concen: 38.340 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion:	152	Resp:	650911
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.9	23.9
153	12.9	10.9	16.3

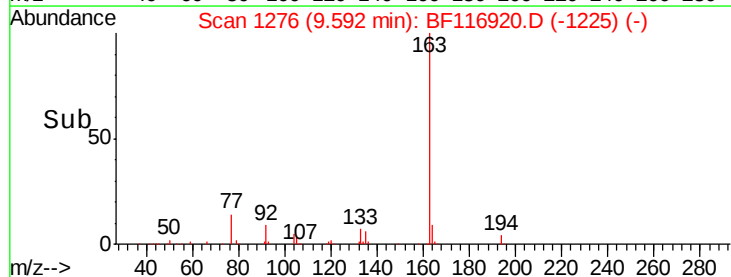
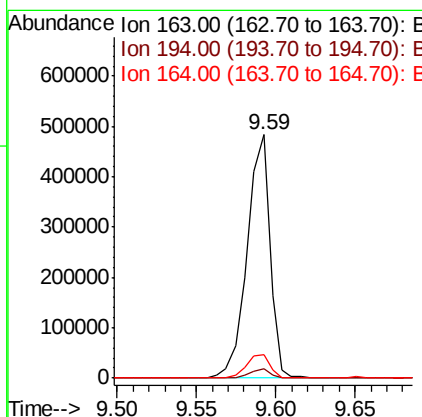
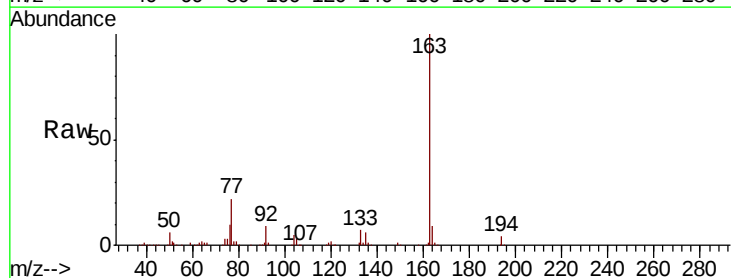
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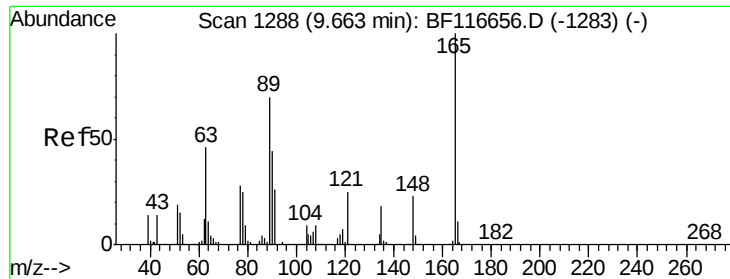
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#50
Dimethylphthalate
Concen: 37.579 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion:	163	Resp:	484834
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.8	4.2
164	9.4	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 43.440 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

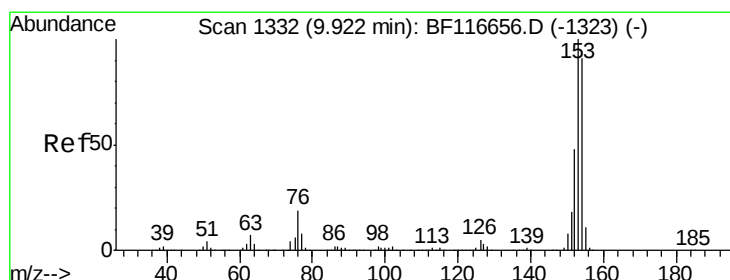
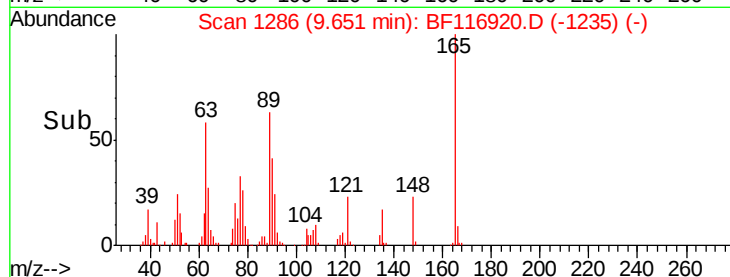
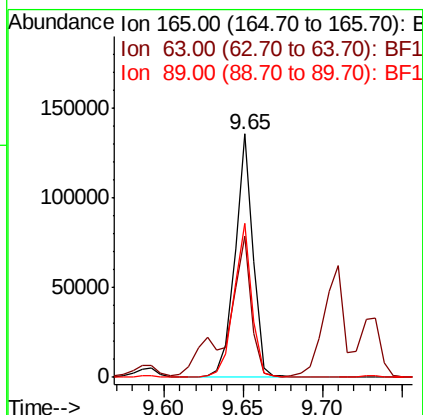
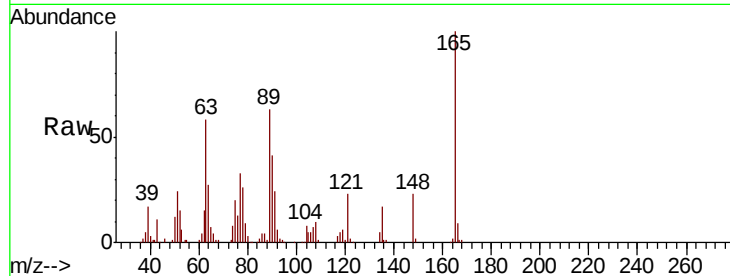
ClientSampleId :

PB122916BS

Tot Ion:	165	Resp:	106928
Ion Ratio	Lower	Upper	
165	100		
63	57.8	47.3	70.9
89	63.3	52.5	78.7

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#52

Acenaphthene

Concen: 36.583 ng

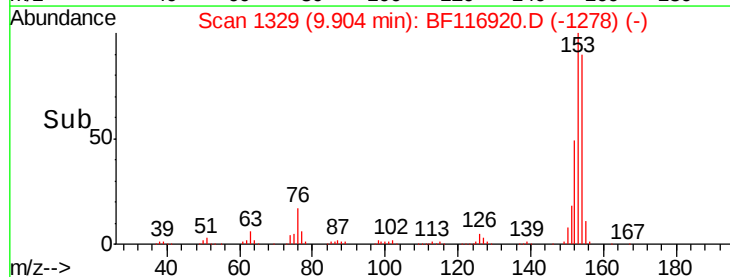
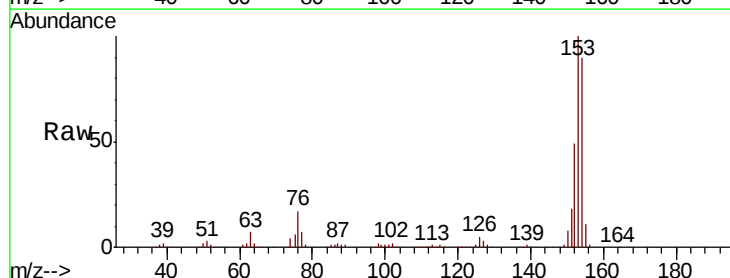
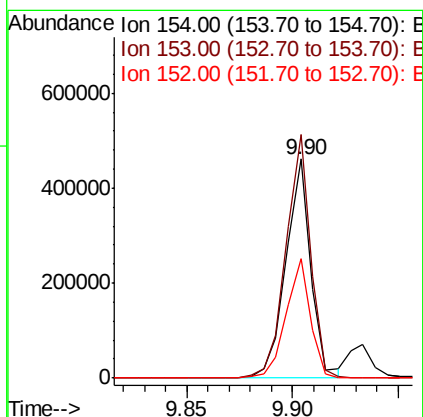
RT: 9.90 min Scan# 1329

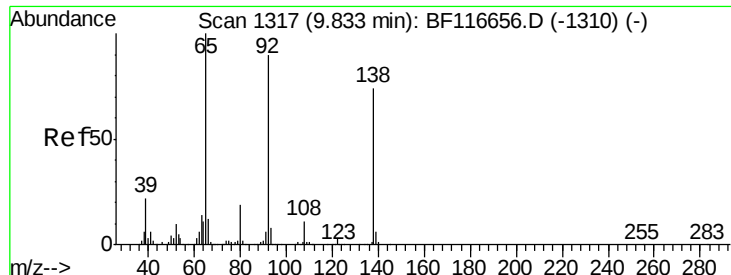
Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion:	154	Resp:	381619
Ion Ratio	Lower	Upper	
154	100		
153	111.1	89.5	134.3
152	54.3	41.9	62.9





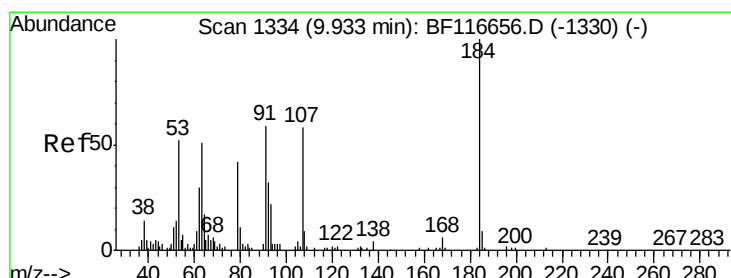
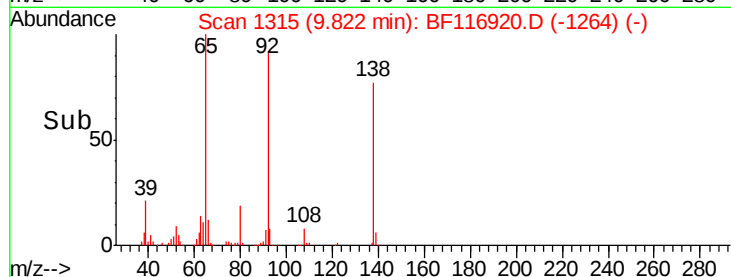
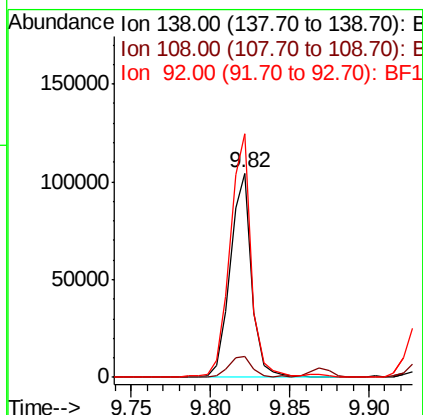
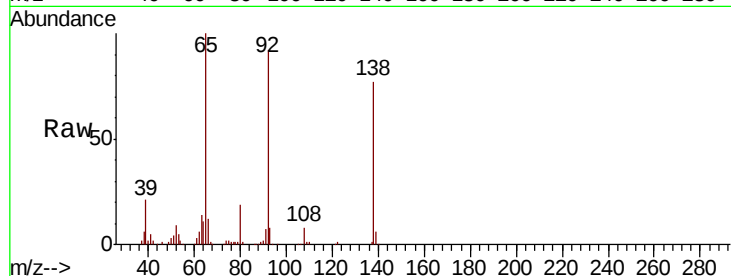
#53
3-Nitroaniline
Concen: 31.852 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	119.1	87.2	130.8

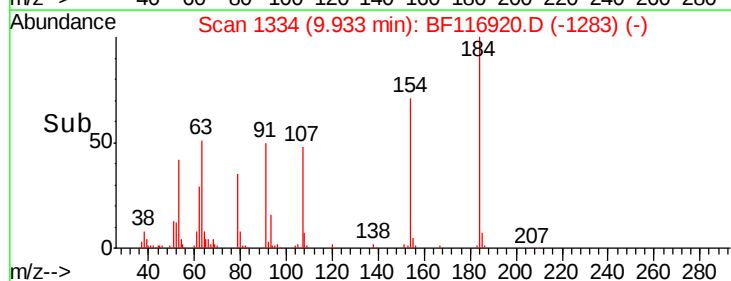
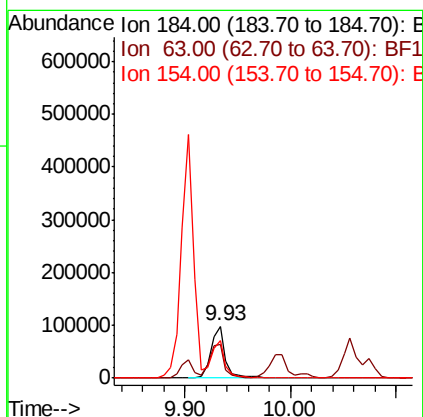
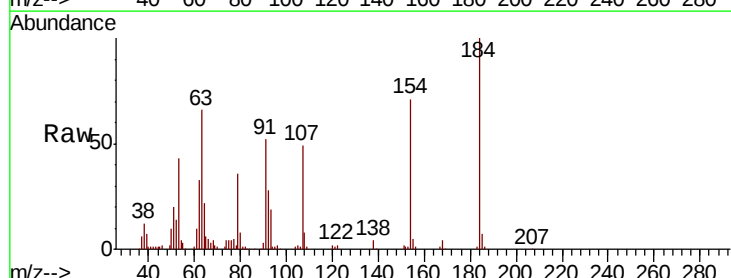
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#54
2,4-Dinitrophenol
Concen: 104.894 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.1	52.2	78.2
154	71.2	60.8	91.2





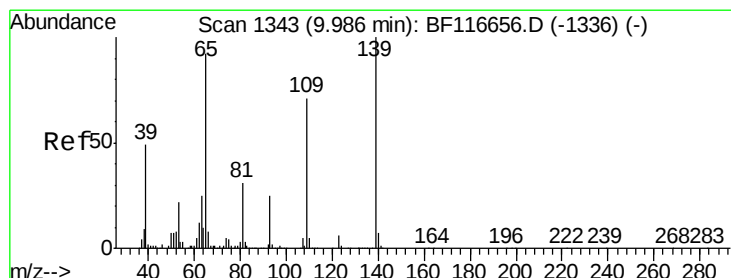
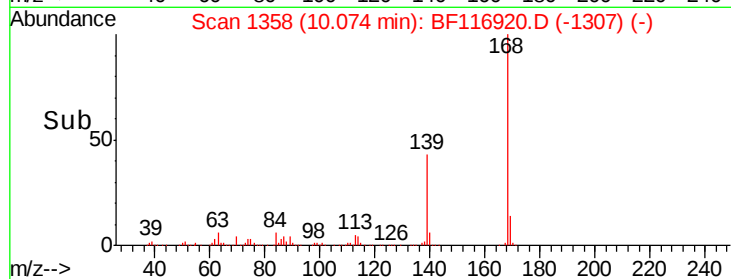
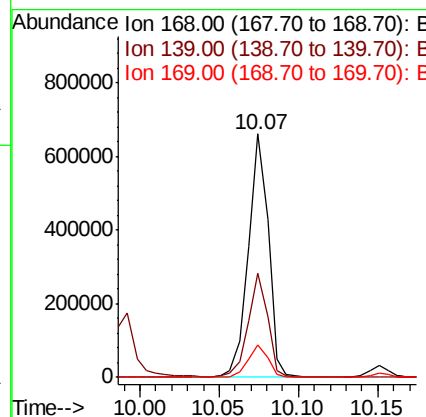
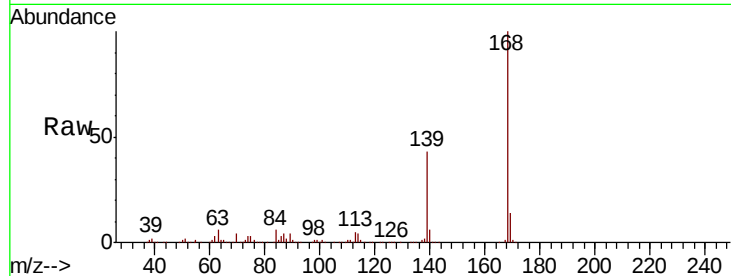
#55
Dibenzofuran
Concen: 39.299 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.9	31.5	47.3
169	13.5	10.3	15.5

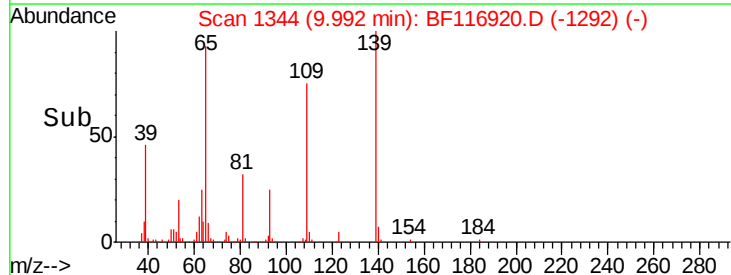
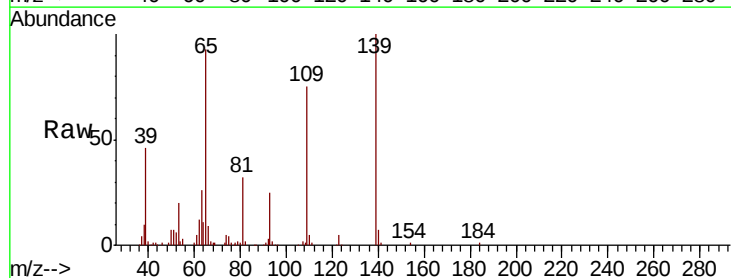
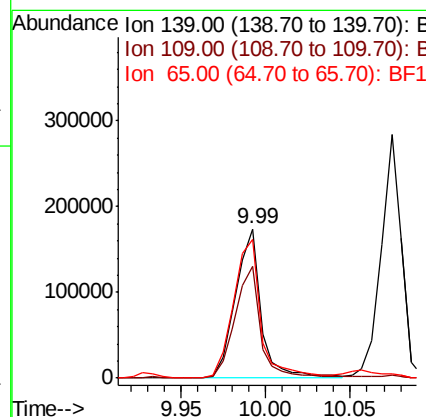
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#56
4-Nitrophenol
Concen: 86.959 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	61.7	101.7
65	93.3	89.1	129.1





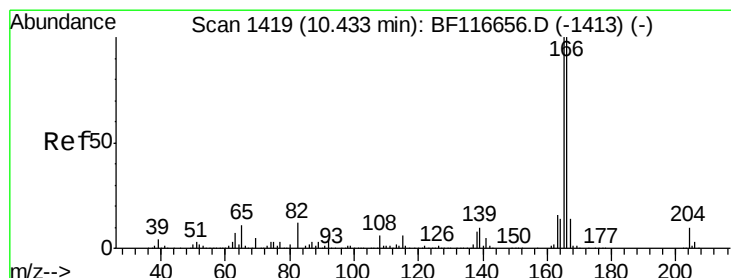
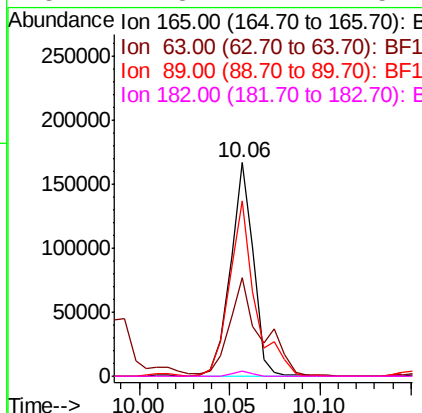
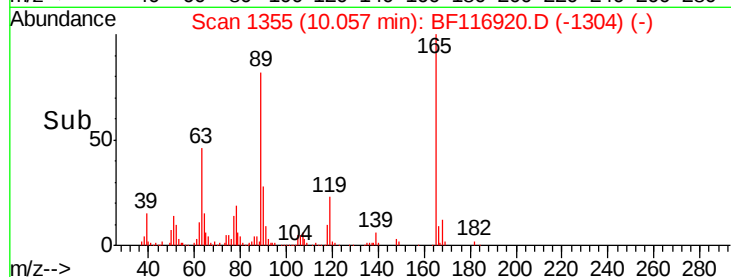
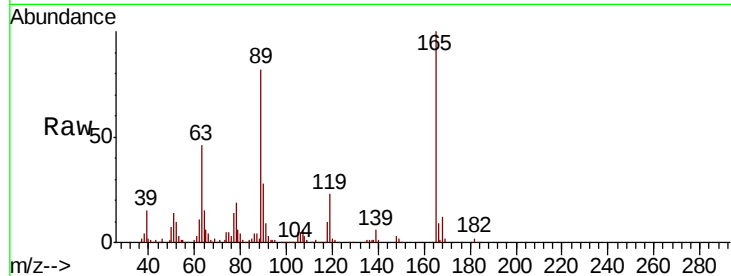
#57
2,4-Dinitrotoluene
Concen: 48.558 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	146151		
63	46.0	36.4	54.6	
89	81.9	62.6	94.0	
182	2.3	2.1	3.1	

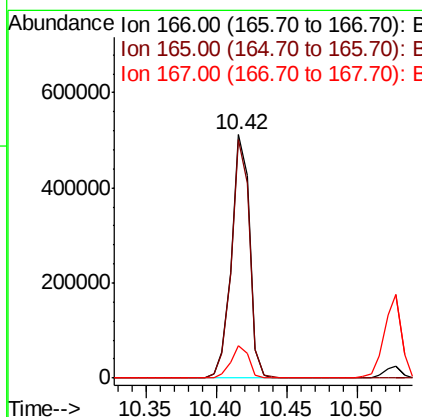
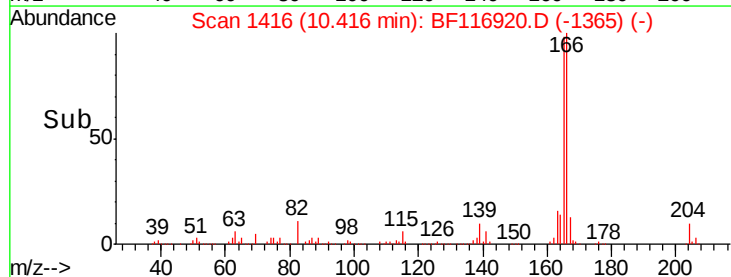
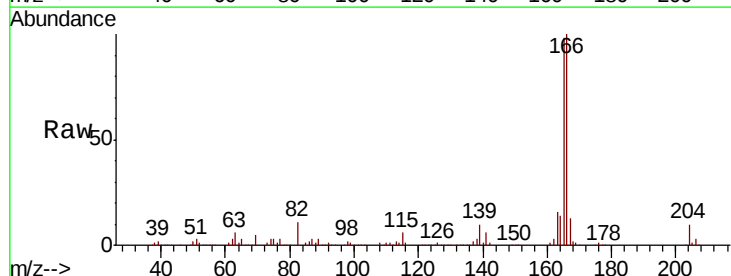
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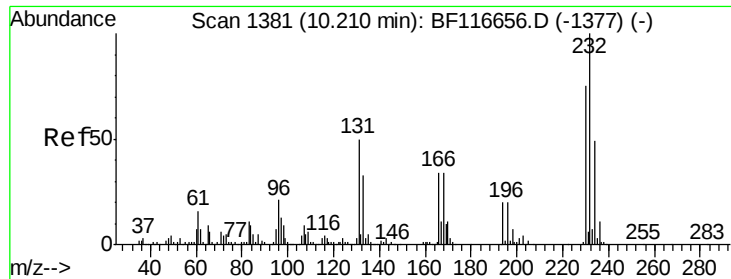
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#58
Fluorene
Concen: 41.034 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	459785		
165	97.8	78.8	118.2	
167	13.1	10.0	15.0	





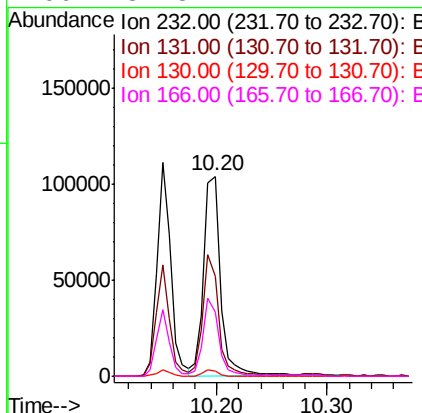
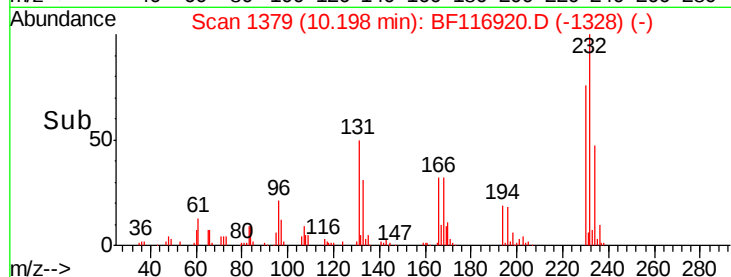
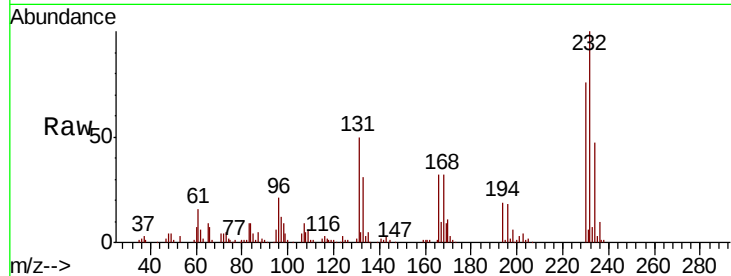
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.948 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	108020		
131	54.4	42.7	64.1	
130	2.5	1.9	2.9	
166	34.8	27.4	41.2	

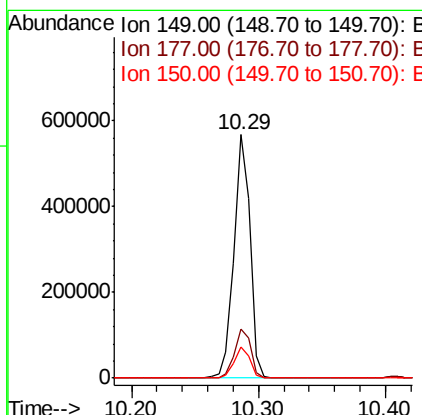
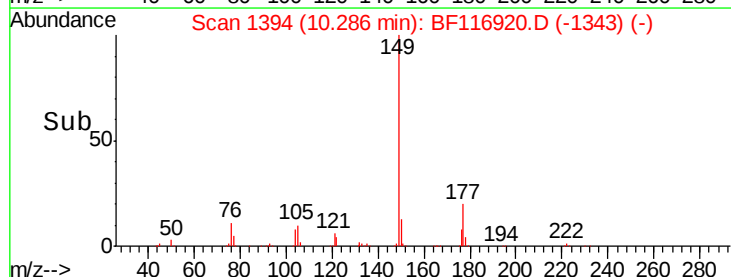
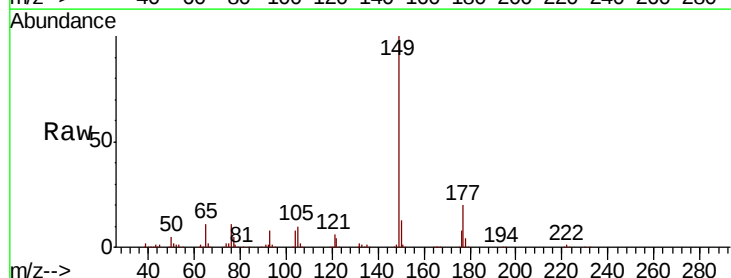
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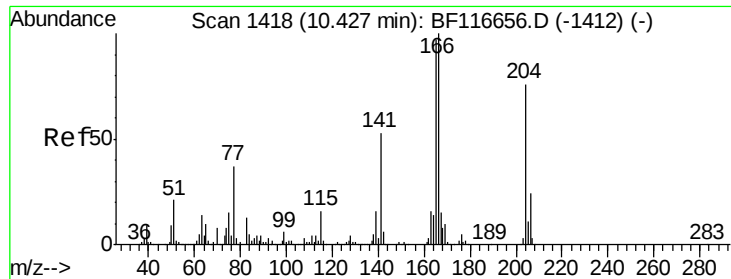
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#60
 Diethylphthalate
 Concen: 38.101 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	492397		
177	20.0	17.2	25.8	
150	12.8	9.7	14.5	





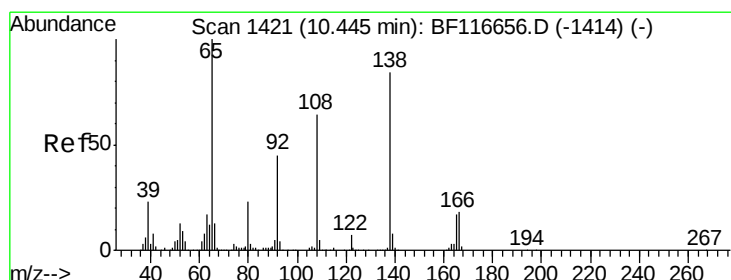
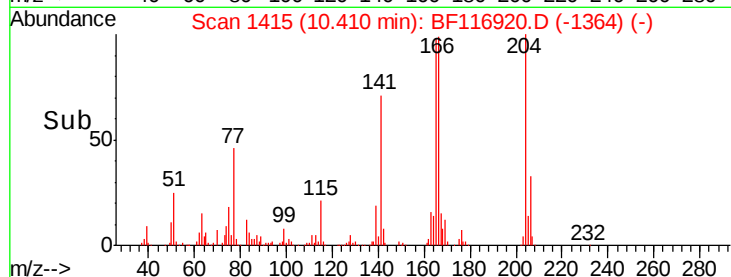
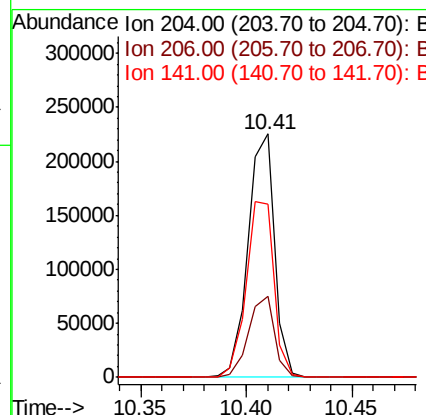
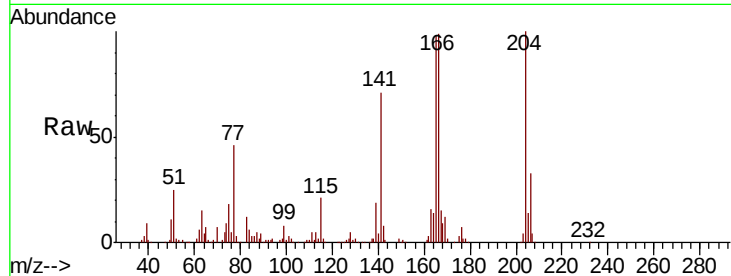
#61
4-Chlorophenyl-phenylether
Concen: 40.065 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	196583		
206	33.2	25.4	38.2	
141	71.2	53.8	80.8	

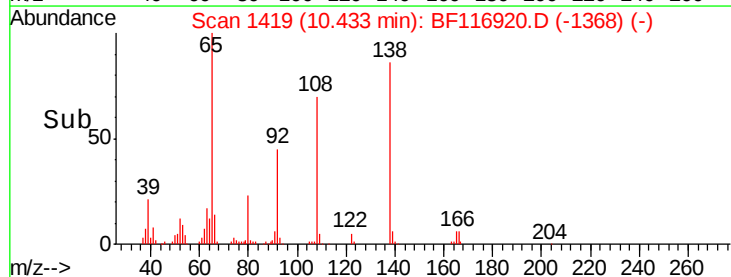
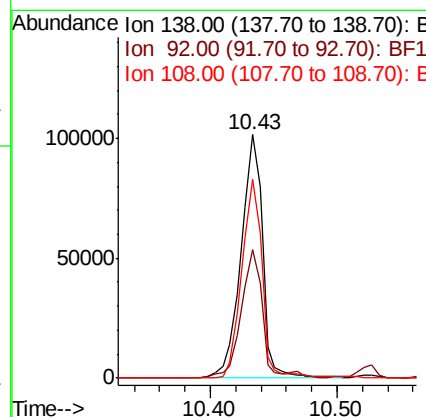
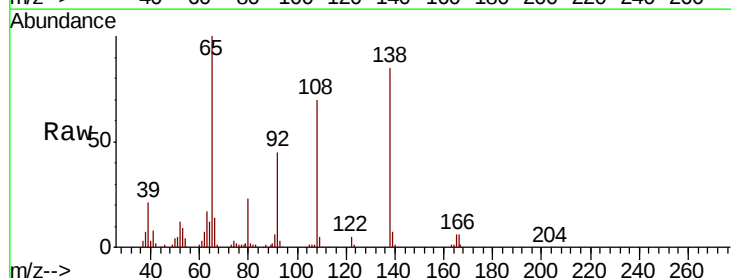
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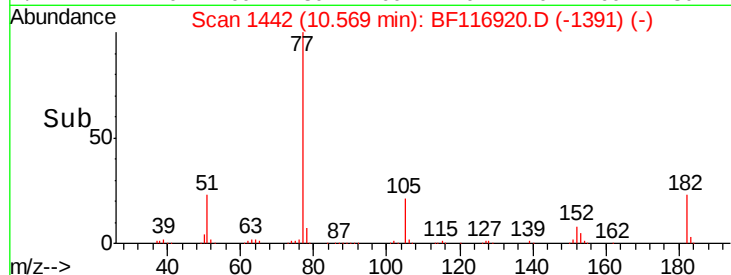
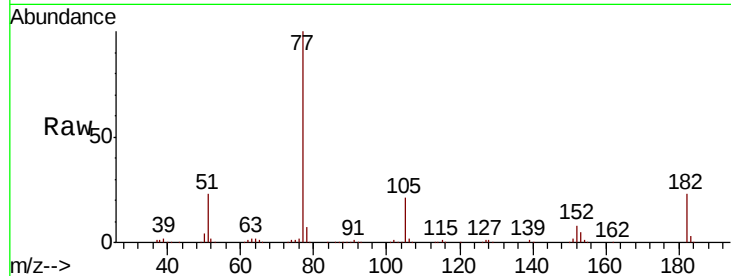
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#62
4-Nitroaniline
Concen: 39.738 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	118964		
92	52.7	28.7	68.7	
108	81.9	60.4	100.4	





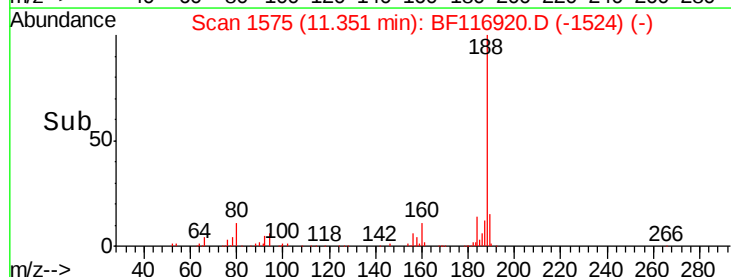
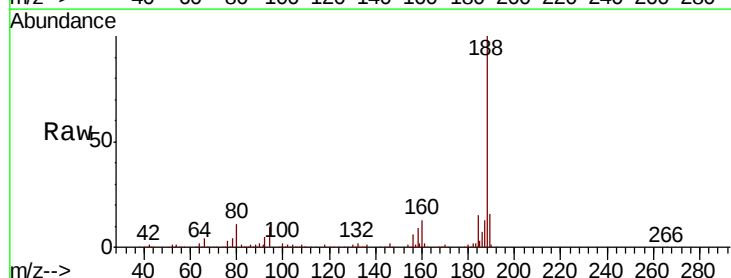
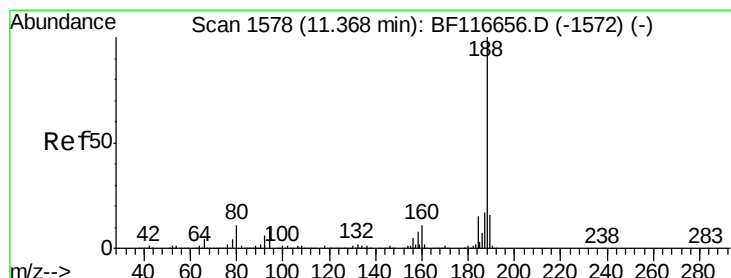
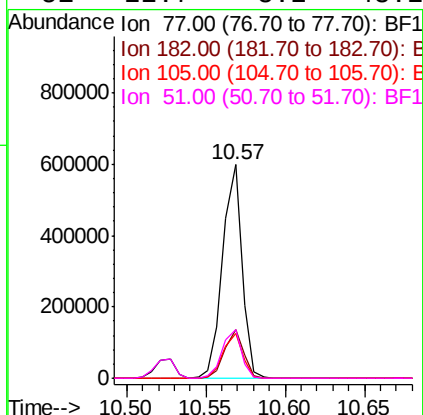
#63
Azobenzene
Concen: 37.791 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.7	1.2	41.2		
105	21.2	0.6	40.6		
51	22.7	8.2	48.2		

Instrument :
BNA_F
ClientSampleId :
PB122916BS

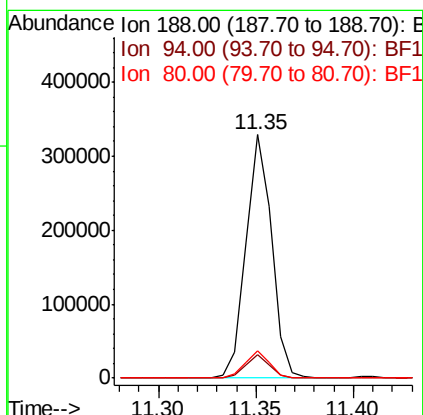
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5	7.3	10.9		
80	11.2	8.4	12.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 55.626 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

ClientSampleId :

PB122916BS

Tot Ion:198 Resp: 63236

Ion Ratio Lower Upper

198 100

51 42.1 18.4 58.4

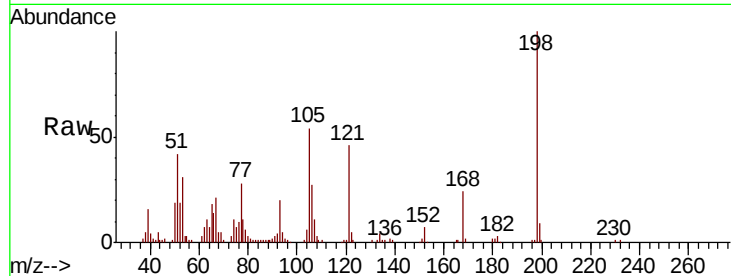
105 53.9 22.9 62.9

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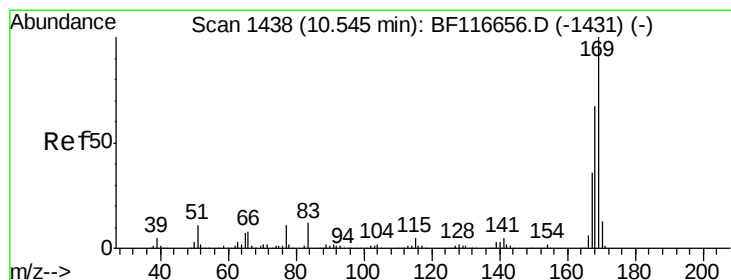
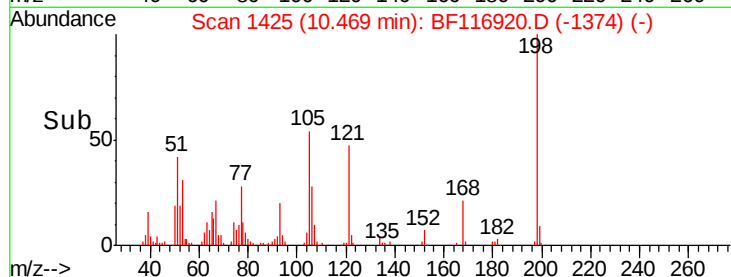
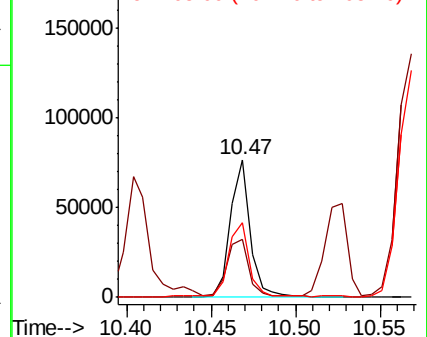
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.581 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

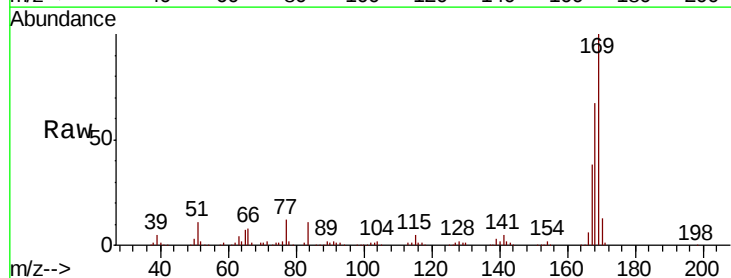
Tgt Ion:169 Resp: 401838

Ion Ratio Lower Upper

169 100

168 67.4 55.8 83.6

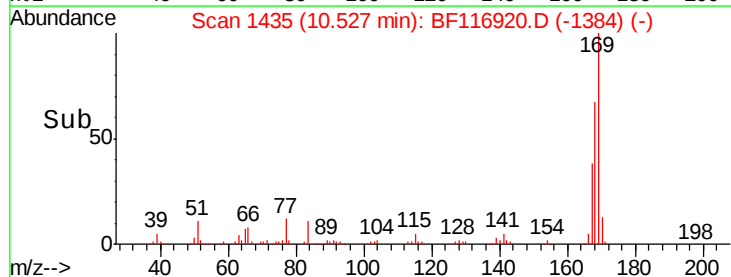
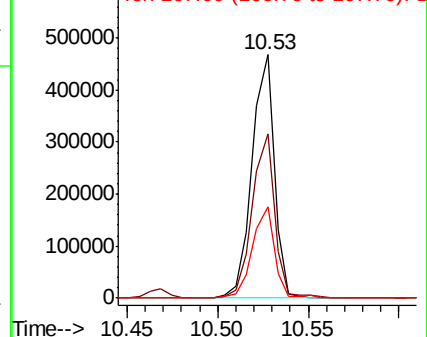
167 37.6 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





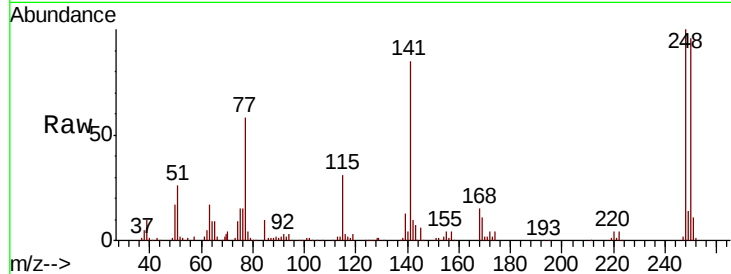
#67
4-Bromophenyl-phenylether
Concen: 38.216 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.8	116.8
141	84.8	75.9	113.9

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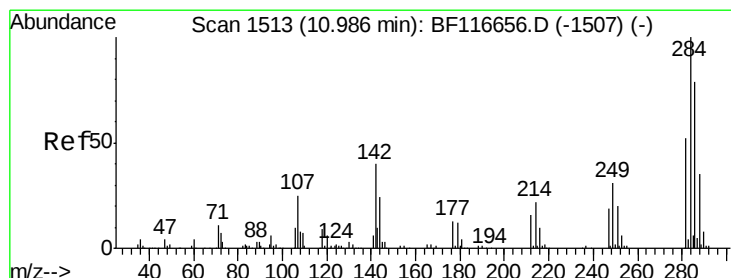
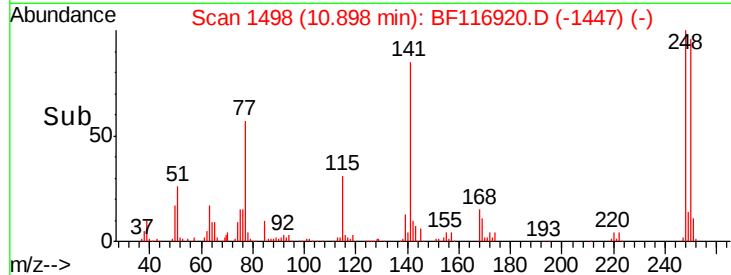
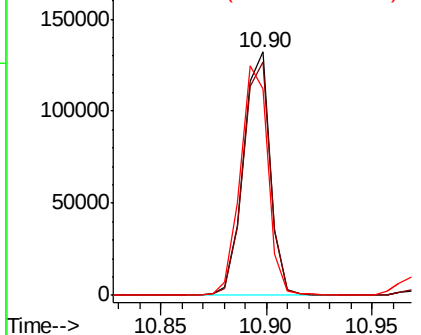


Abundance

Ion 248.00 (247.70 to 248.70): E

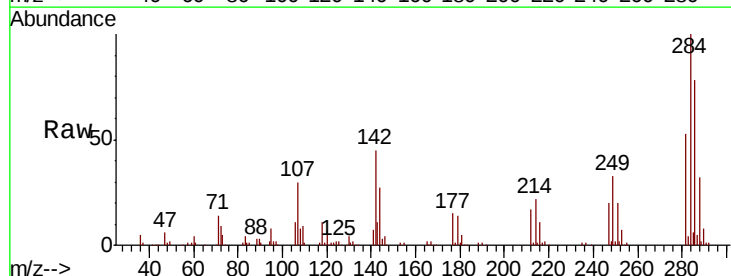
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.087 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.5	34.0	51.0
249	32.7	26.4	39.6

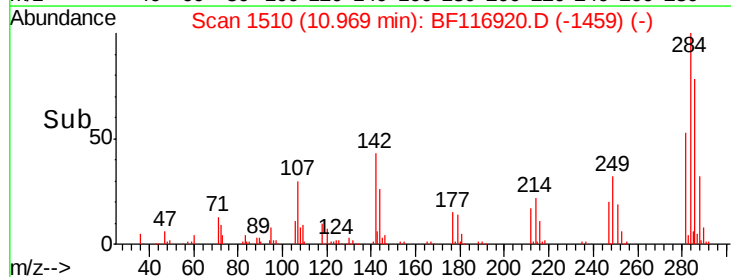
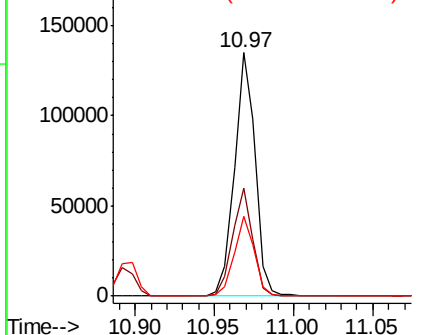


Abundance

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





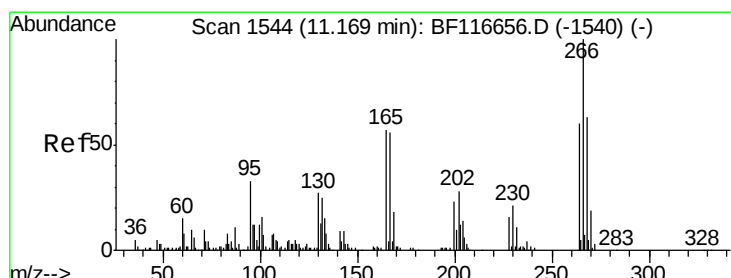
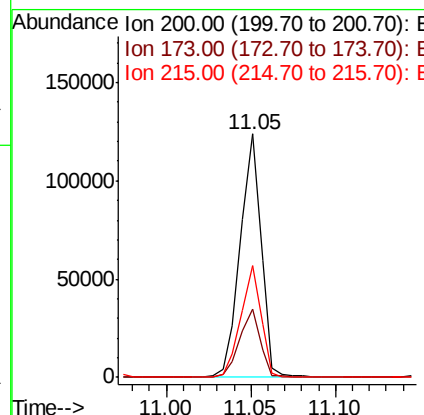
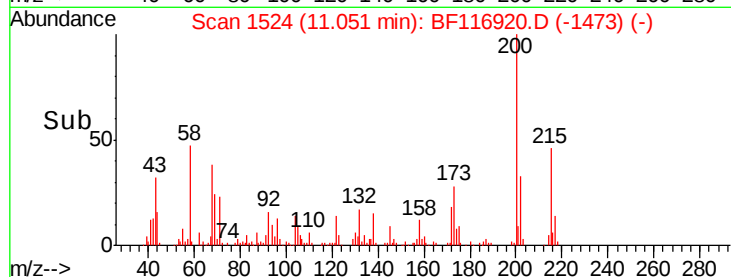
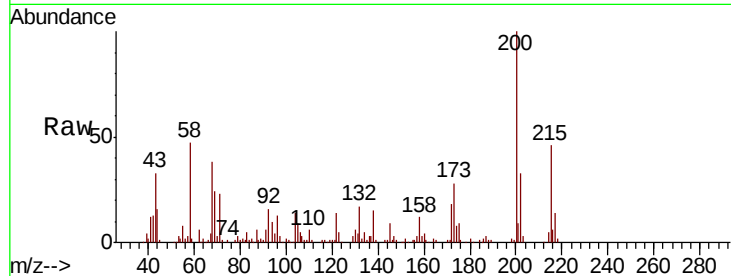
#69
Atrazine
Concen: 36.670 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	106971		
173	28.2	6.2	46.2	
215	46.0	24.3	64.3	

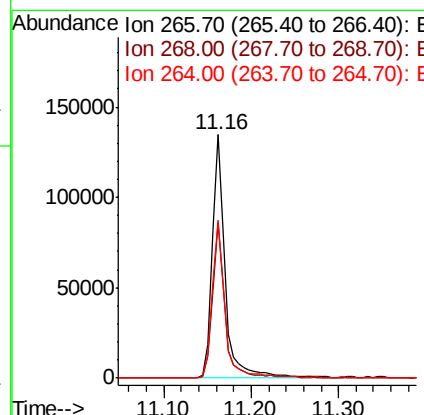
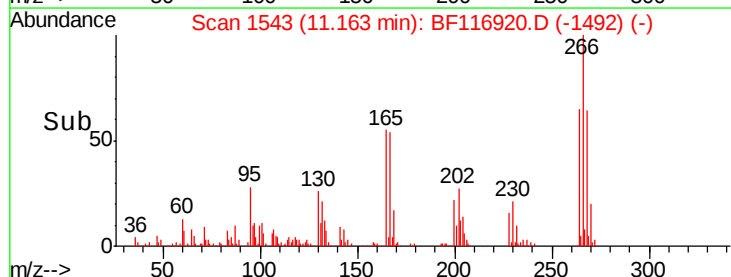
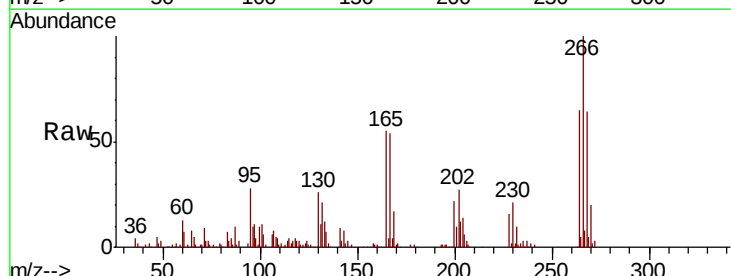
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#70
Pentachlorophenol
Concen: 90.143 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	139546		
268	63.9	51.2	76.8	
264	65.0	51.9	77.9	





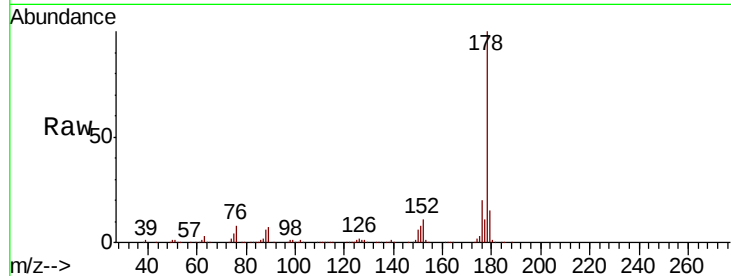
#71
Phenanthrene
Concen: 38.572 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

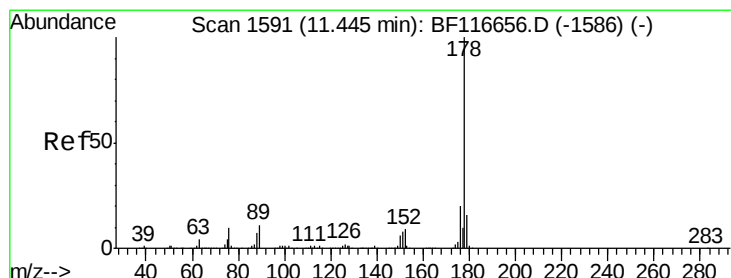
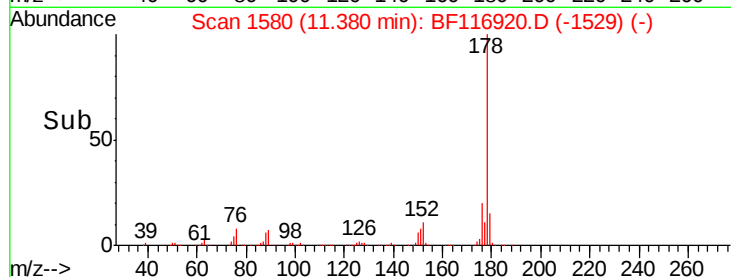
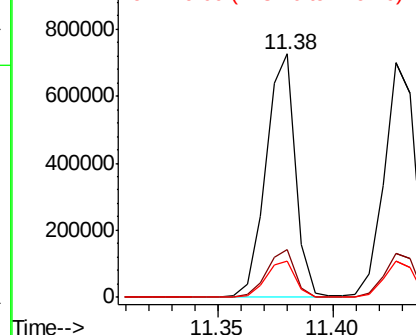
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	14.9	12.2	18.2

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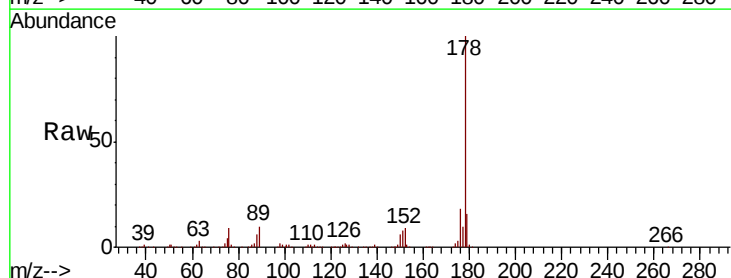


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

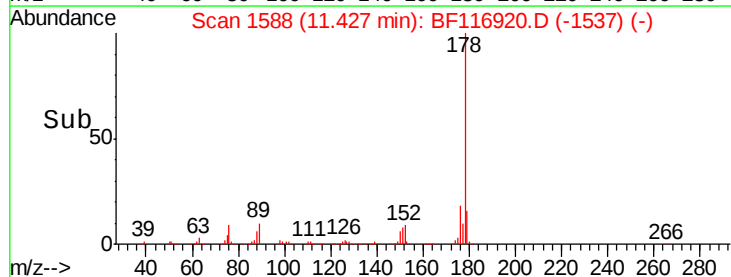
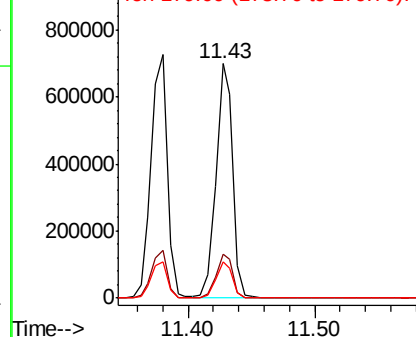


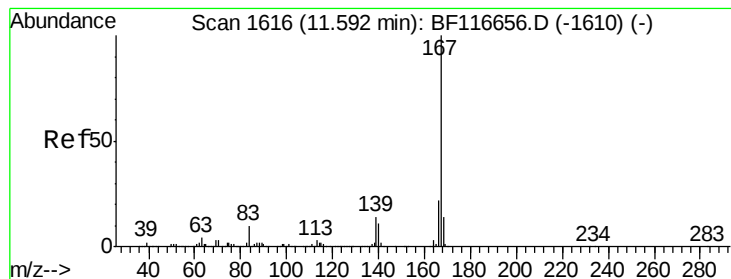
#72
Anthracene
Concen: 38.407 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.6	12.5	18.7



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





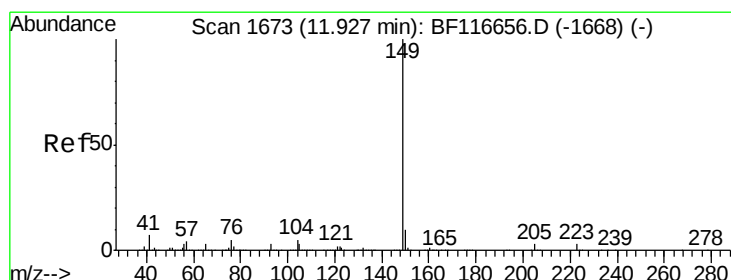
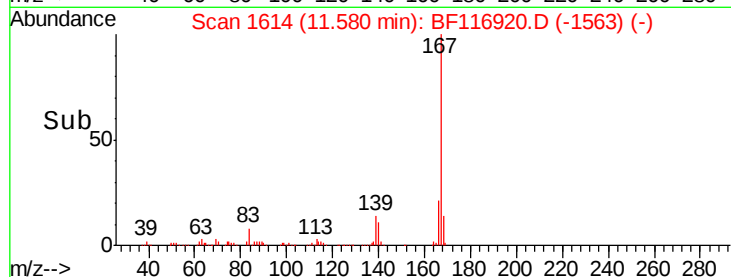
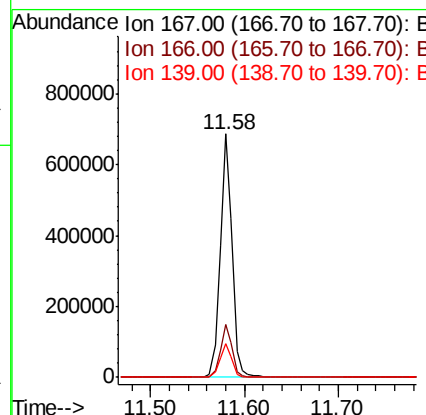
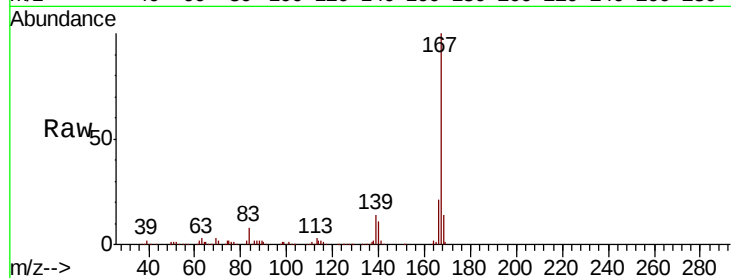
#73
 Carbazole
 Concen: 38.249 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	13.9	11.1	16.7

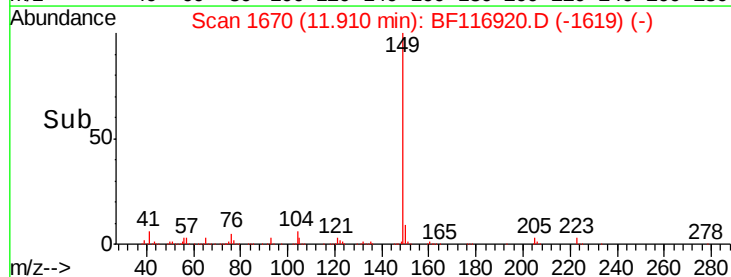
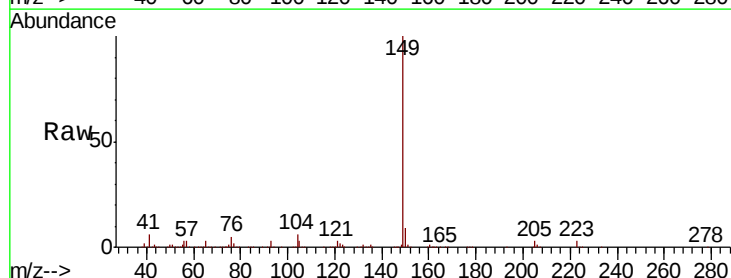
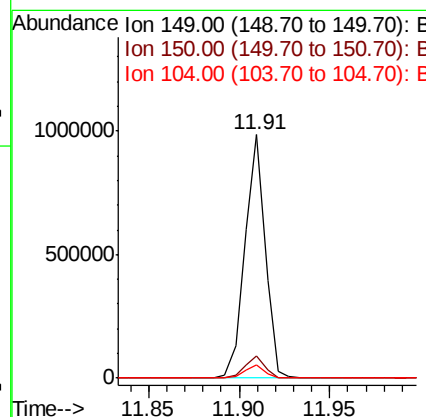
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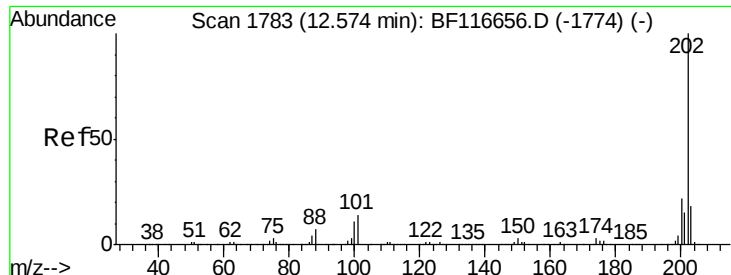
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#74
 Di-n-butylphthalate
 Concen: 37.047 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.6	4.2	6.2





#75

Fluoranthene

Concen: 39.144 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

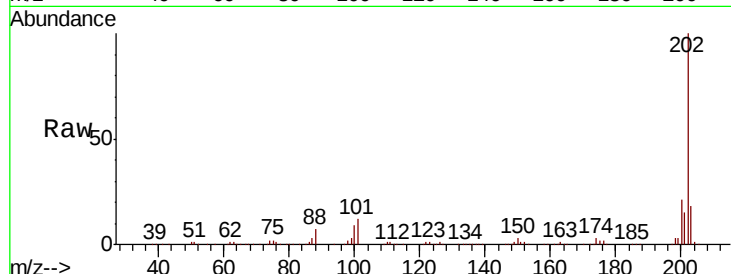
ClientSampleId :

PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	644744		
101	12.2		0.0	31.3
203	17.9		0.0	37.6

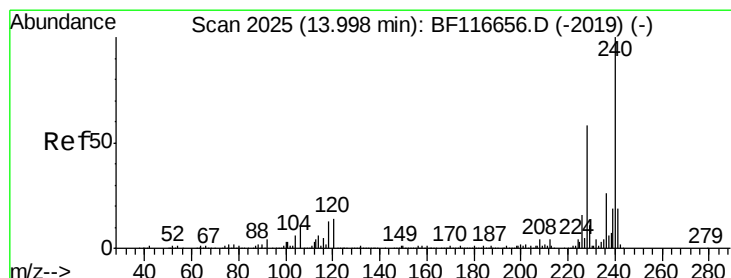
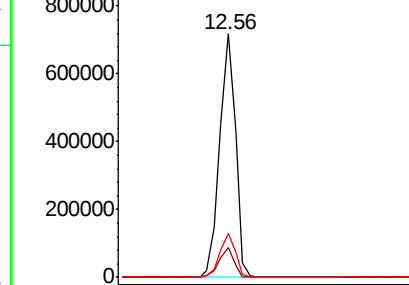
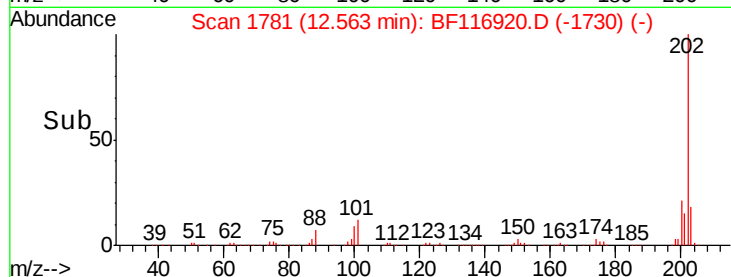
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.56



#76

Chrysene-d12

Concen: 20.000 ng

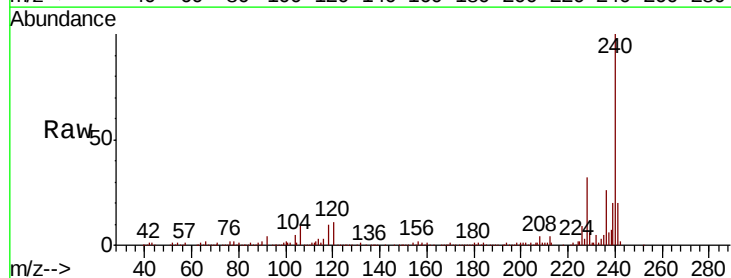
RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF116920.D

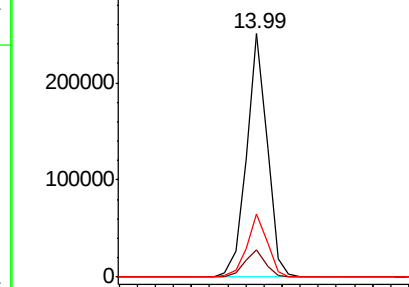
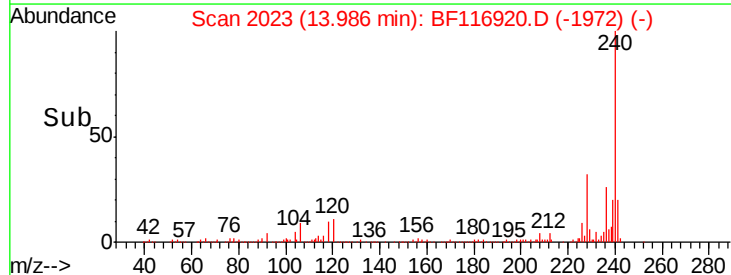
Acq: 10 Sep 2019 14:46

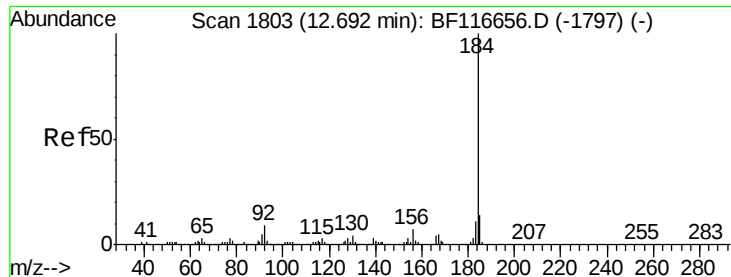
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	197179		
120	11.2		9.1	13.7
236	25.9		21.1	31.7



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

13.99





#77

Benzidine

Concen: 12.725 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

ClientSampleId :

PB122916BS

Tot Ion:184 Resp: 98414

Ion Ratio Lower Upper

184 100

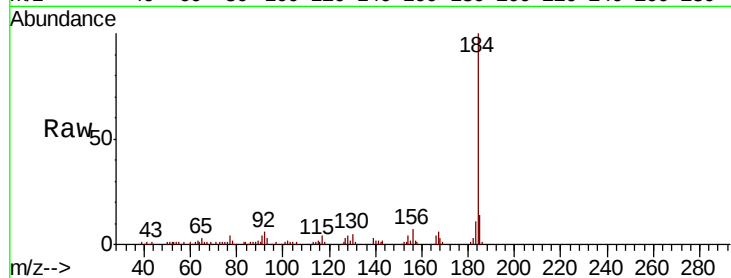
185 14.1 11.3 16.9

183 11.2 9.2 13.8

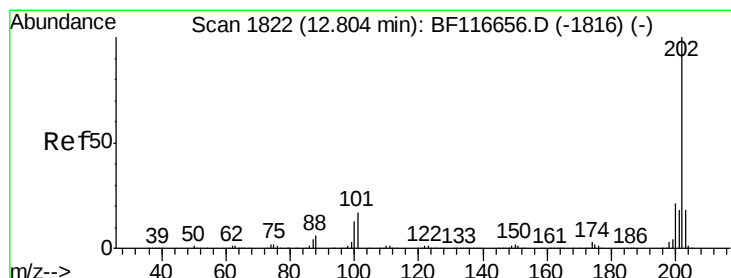
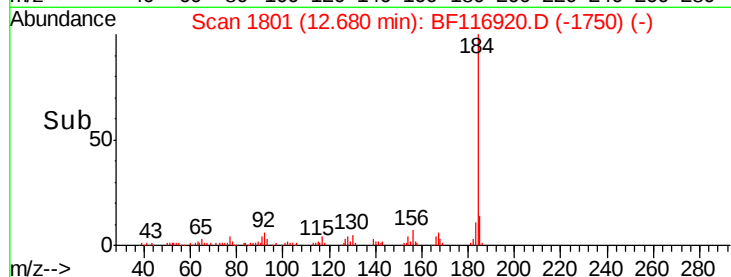
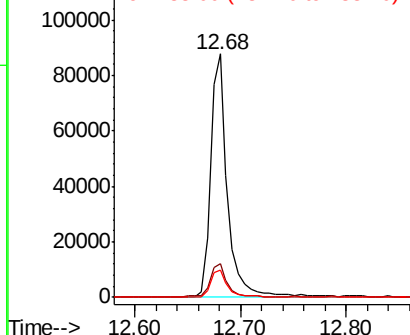
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Abundance Ion 184.00 (183.70 to 184.70): E
120000
Ion 185.00 (184.70 to 185.70): E
100000
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.358 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

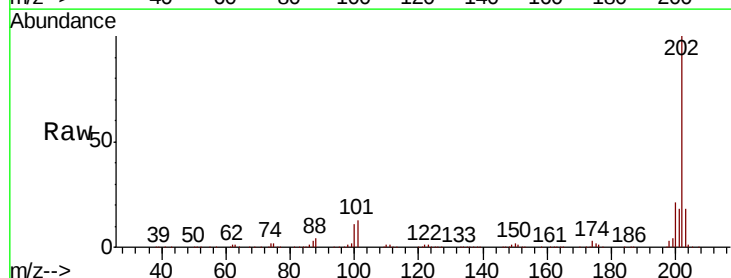
Tgt Ion:202 Resp: 654806

Ion Ratio Lower Upper

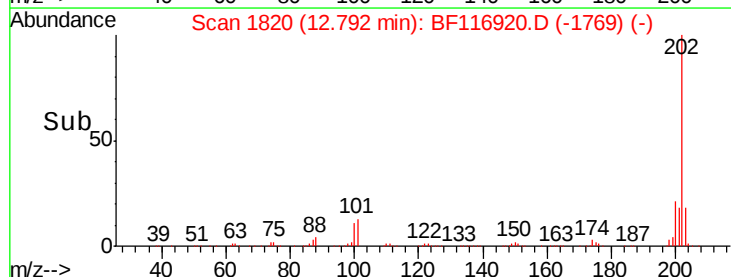
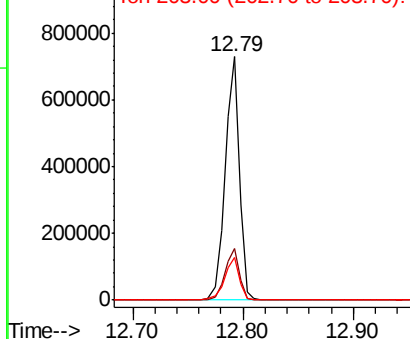
202 100

200 21.1 16.5 24.7

203 17.6 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
1000000
Ion 200.00 (199.70 to 200.70): E
800000
Ion 203.00 (202.70 to 203.70): E





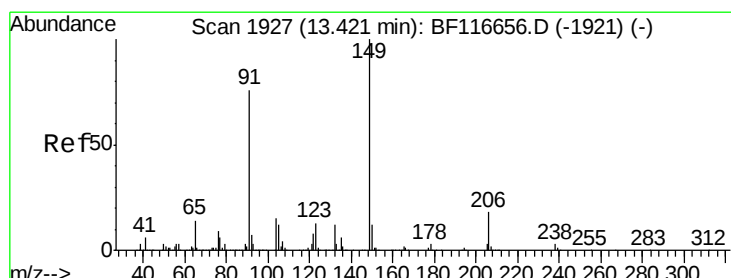
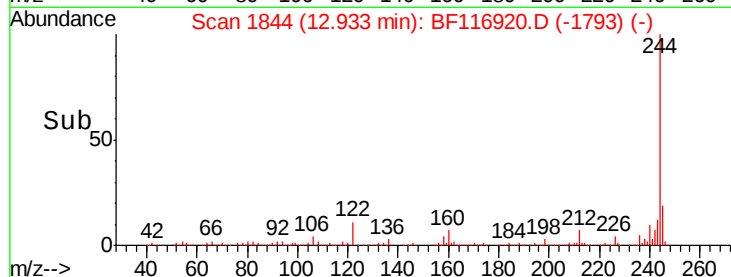
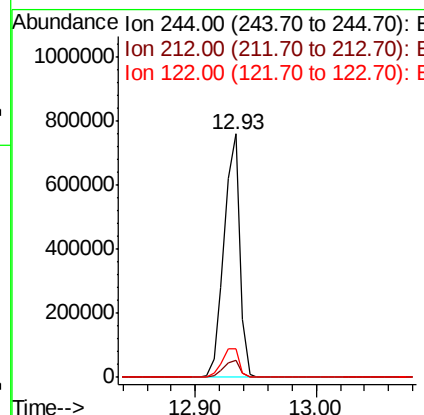
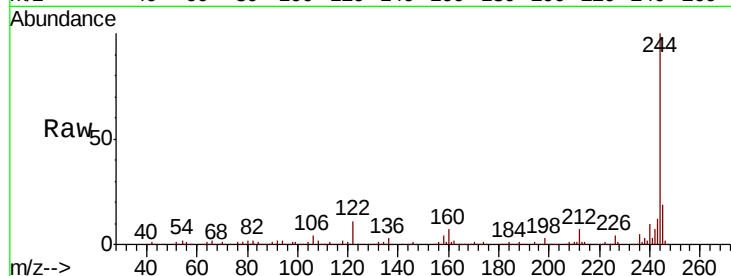
#79
 Terphenyl-d14
 Concen: 63.535 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	11.5	10.2	15.4

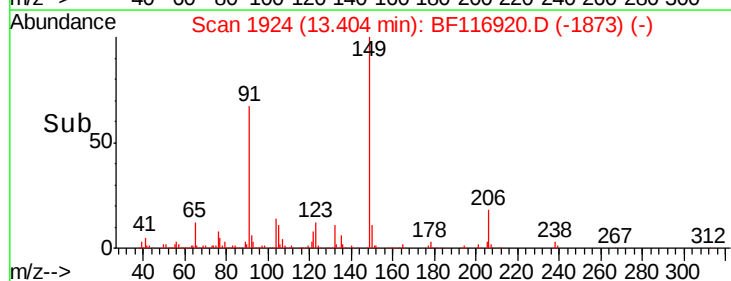
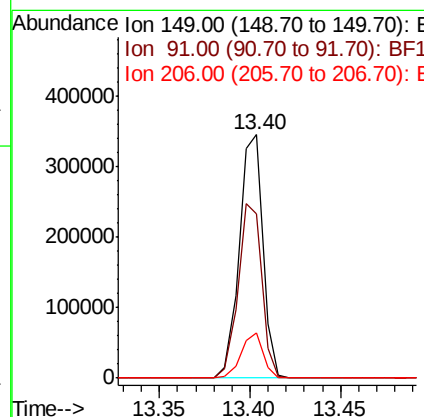
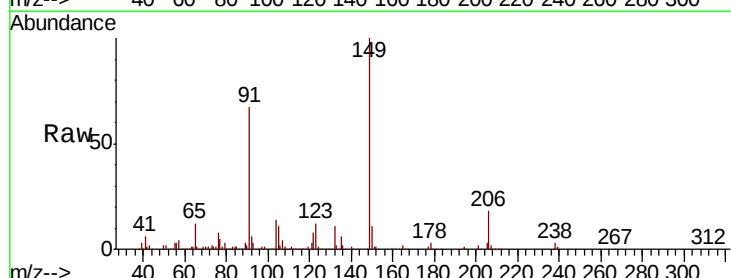
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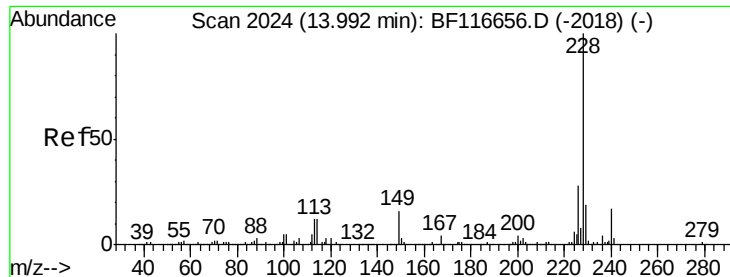
mohammad
 9/16/2019 8:56:51 AM



#80
 Butylbenzylphthalate
 Concen: 36.769 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.4	61.0	91.4
206	18.4	14.8	22.2





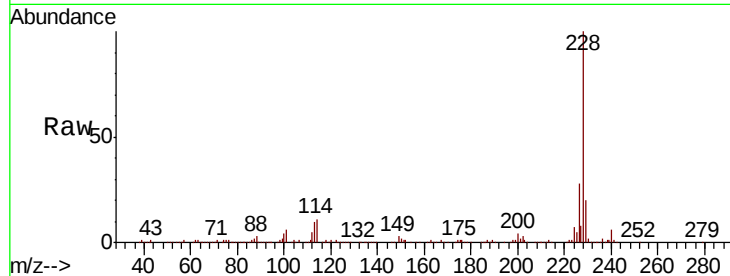
#81
Benzo(a)anthracene
Concen: 38.136 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	20.3	16.4	24.6

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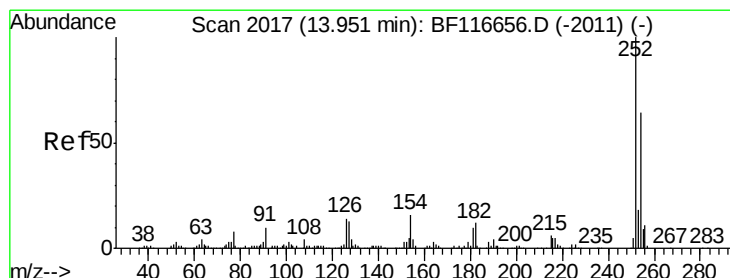
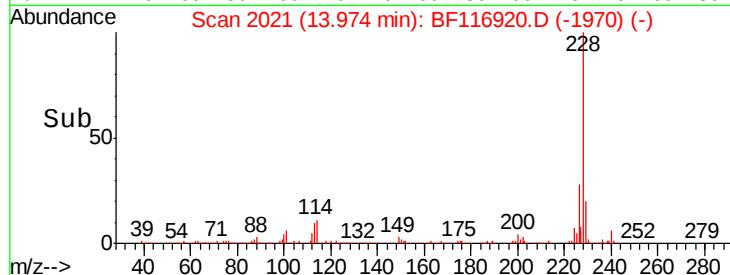
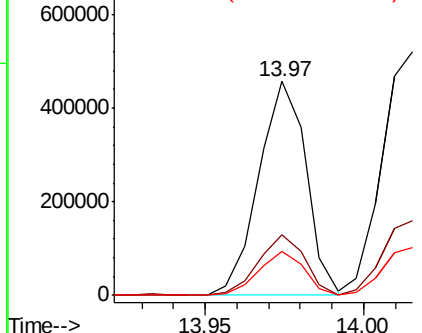


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.810 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

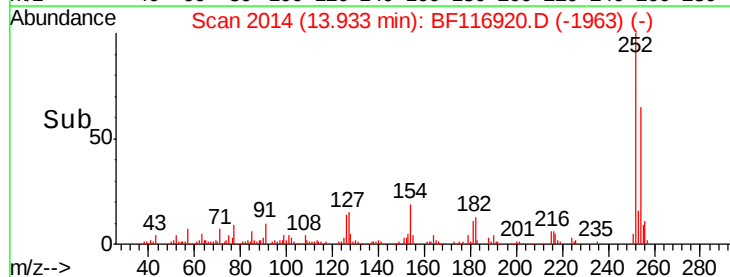
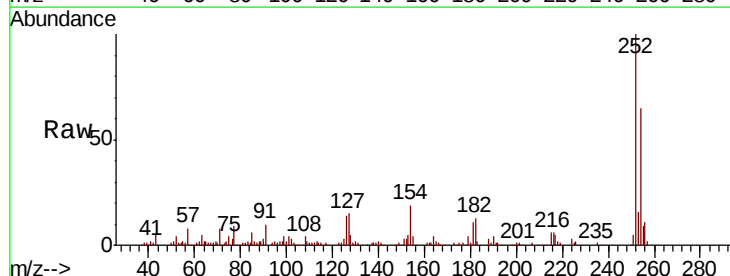
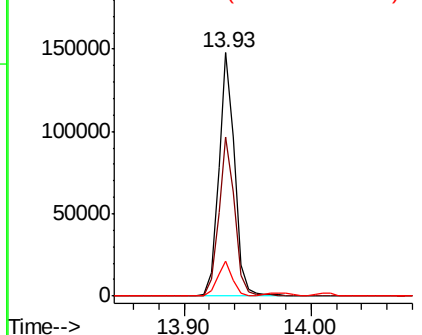
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.1	75.1
126	14.1	10.6	16.0

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





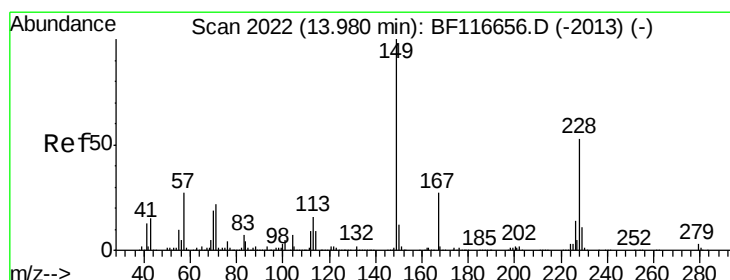
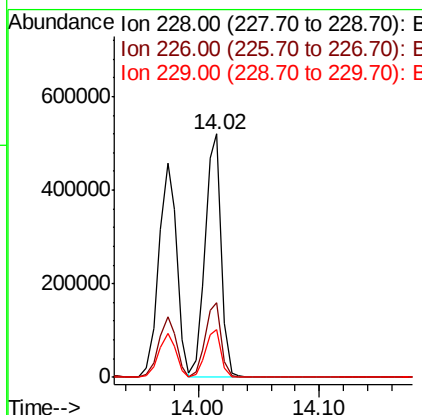
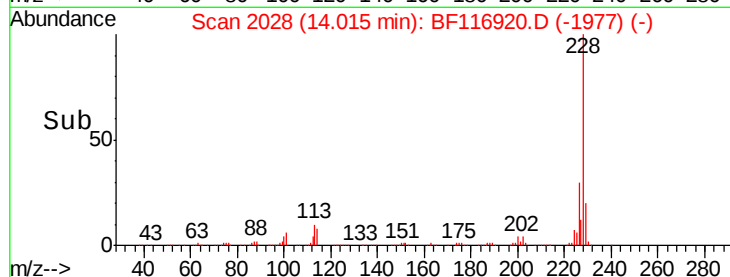
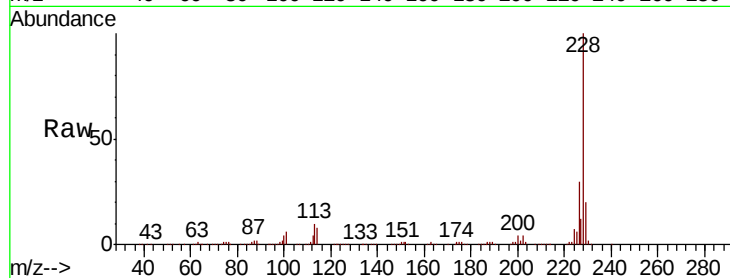
#83
 Chrvsene
 Concen: 37.252 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB122916BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		478948		
226	30.5	24.0	36.0		
229	19.6	15.4	23.0		

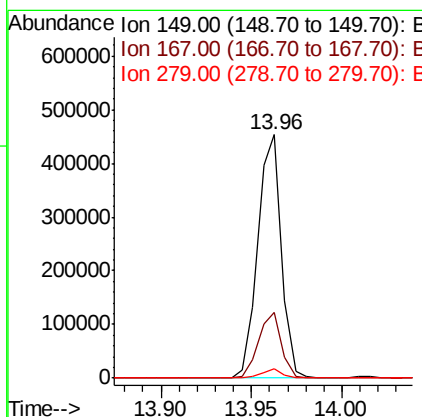
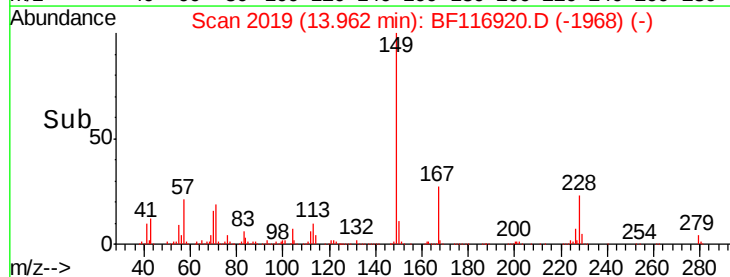
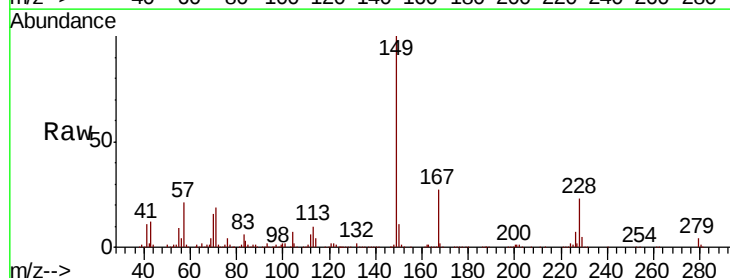
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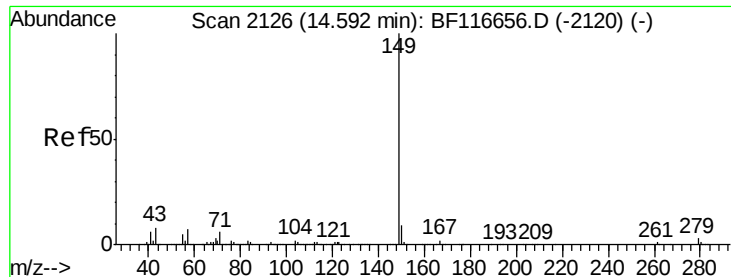
mohammad
 9/16/2019 8:56:51 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.913 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF116920.D
 Acq: 10 Sep 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		409440		
167	26.7	21.0	31.4		
279	3.6	2.8	4.2		





#85

Di-n-octyl phthalate

Concen: 36.123 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Instrument :

BNA_F

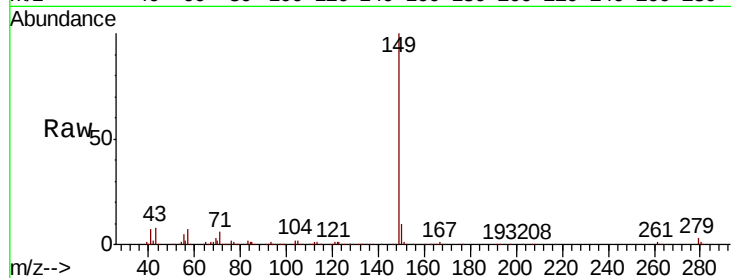
ClientSampleId :

PB122916BS

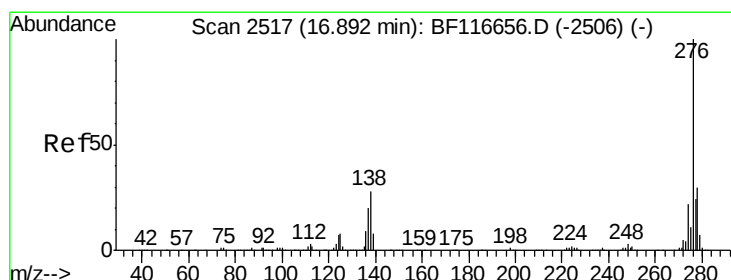
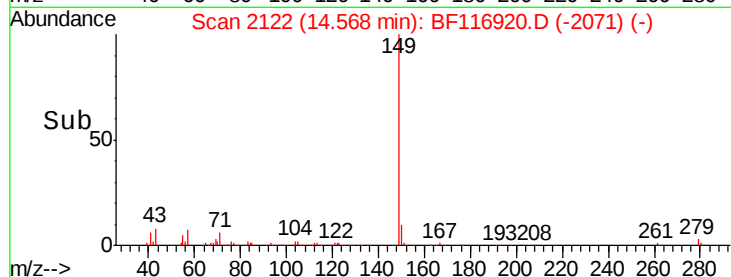
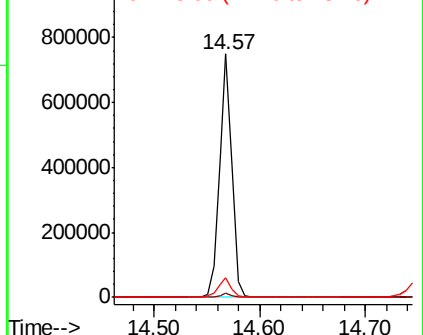
Tot Ion:	149	Resp:	621988
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.5	7.8	11.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.734 ng

RT: 16.88 min Scan# 2515

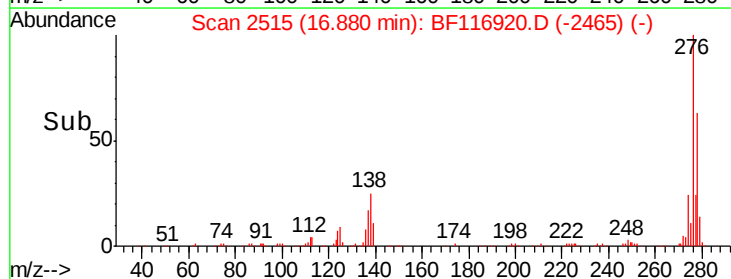
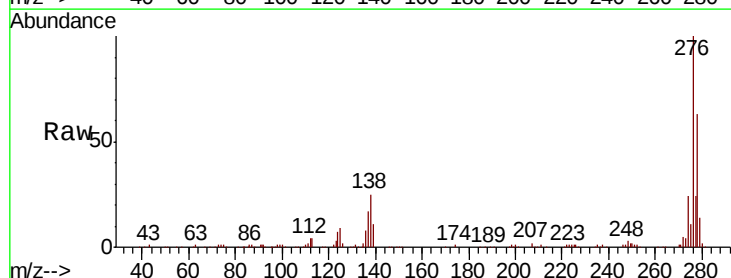
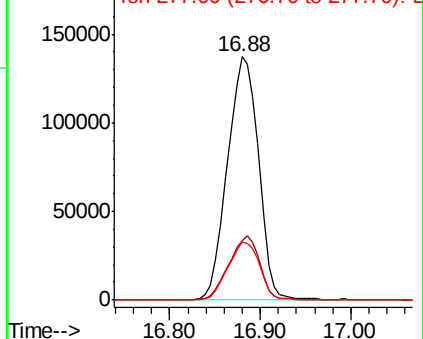
Delta R.T. -0.01 min

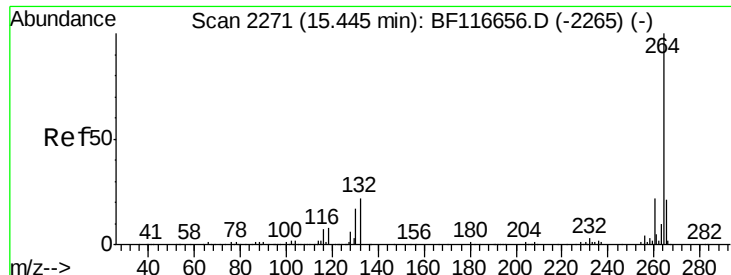
Lab File: BF116920.D

Acq: 10 Sep 2019 14:46

Tgt Ion:	276	Resp:	327715
Ion Ratio	Lower	Upper	
276	100		
138	26.1	19.4	29.2
277	24.4	20.5	30.7

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





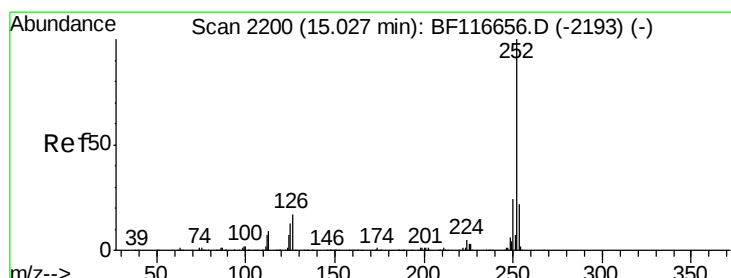
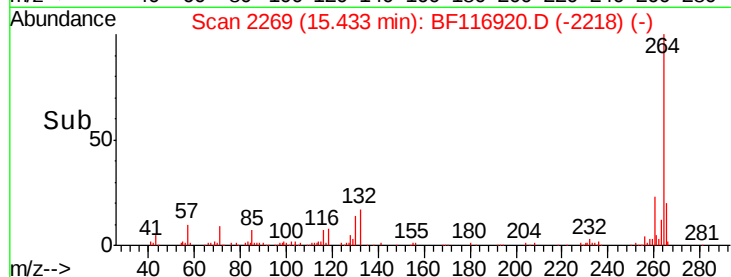
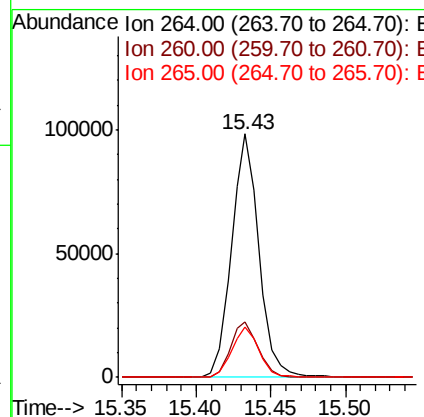
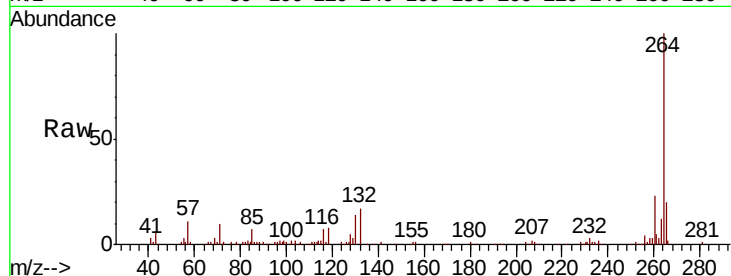
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Resp	Lower	Upper
264	100	126282		
260	22.8	18.3	27.5	
265	20.5	16.5	24.7	

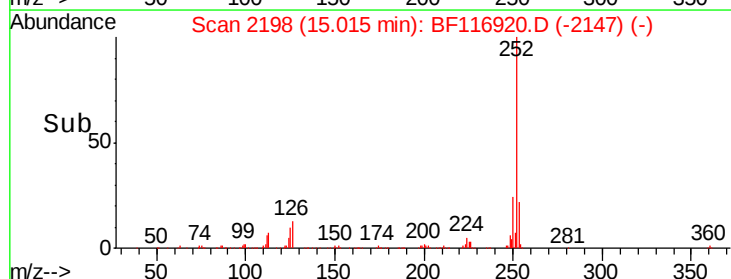
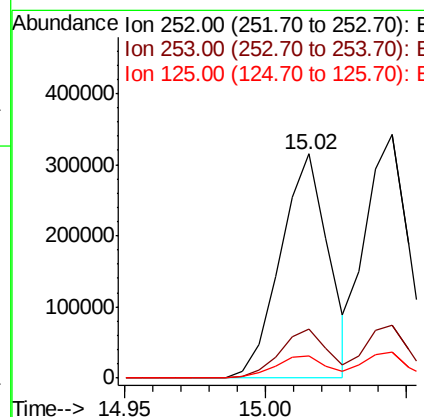
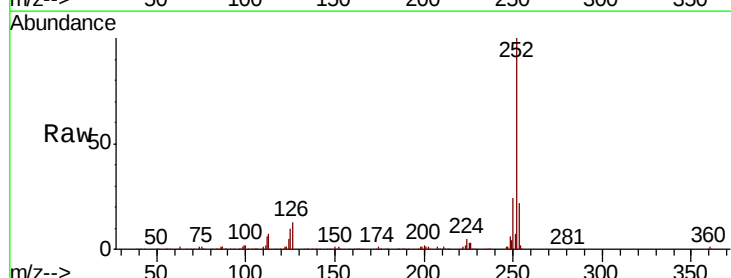
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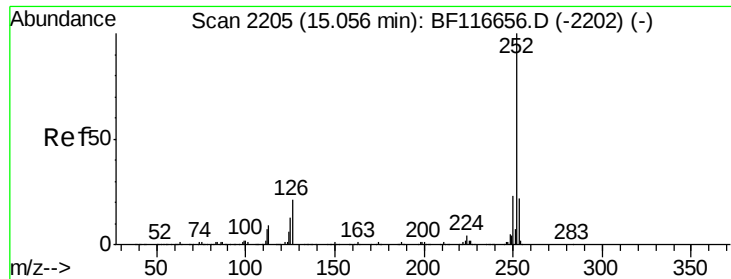
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.711 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	371896		
253	22.1	17.7	26.5	
125	9.9	8.2	12.2	





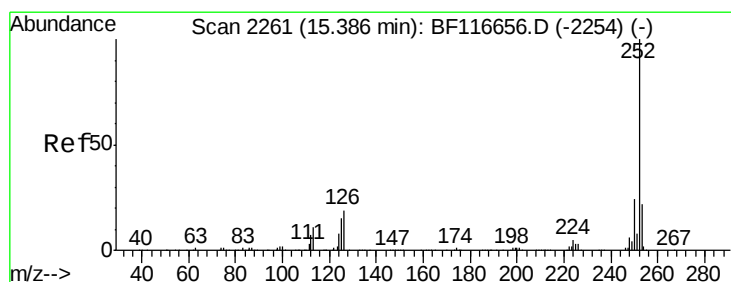
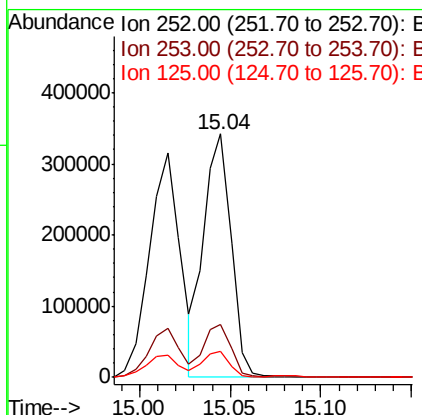
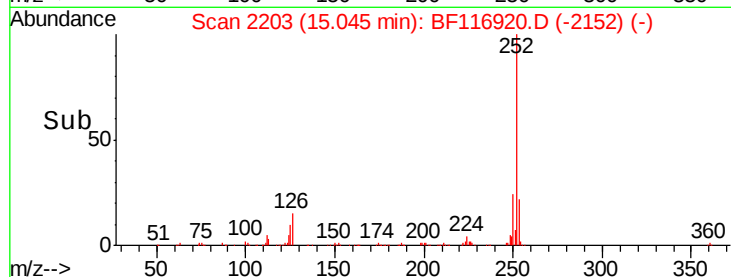
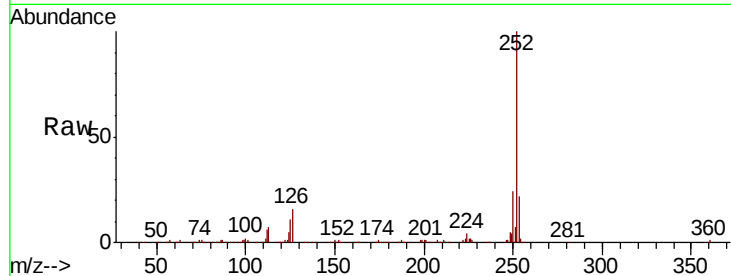
#89
Benzo(k)fluoranthene
Concen: 51.643 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.8	8.6	13.0

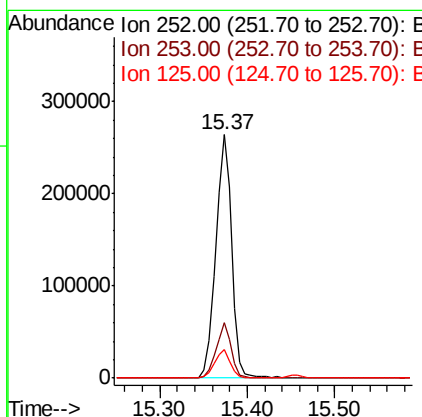
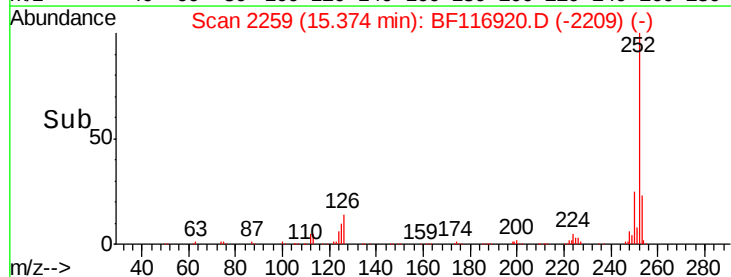
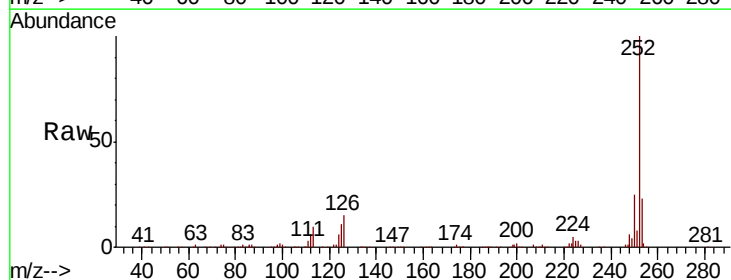
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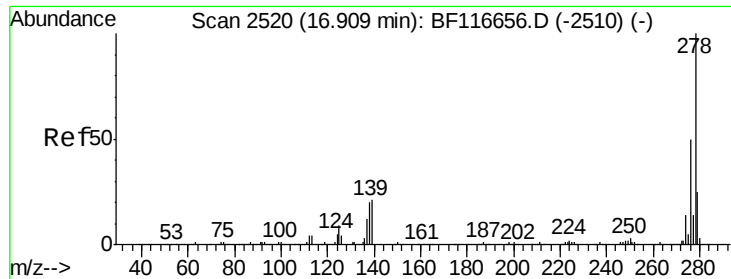
mohammad
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#90
Benzo(a)pyrene
Concen: 50.248 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.5	9.8	14.8





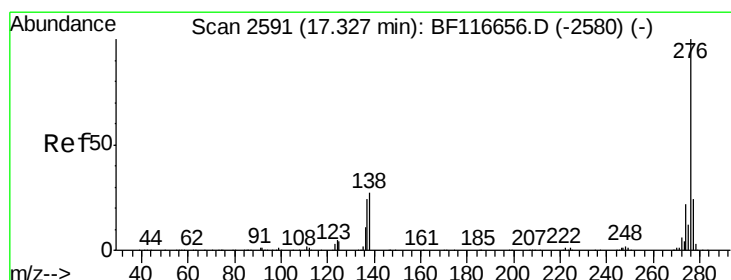
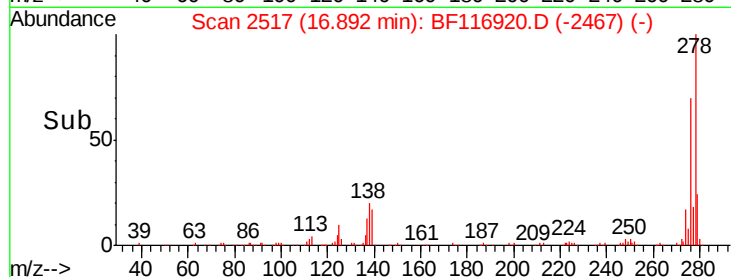
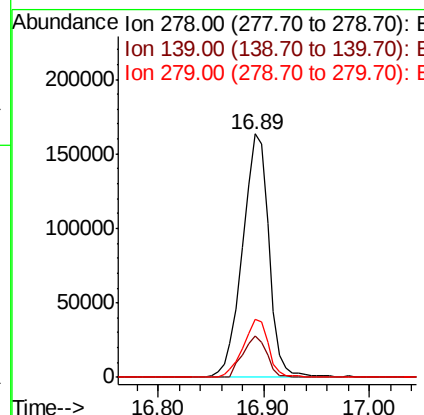
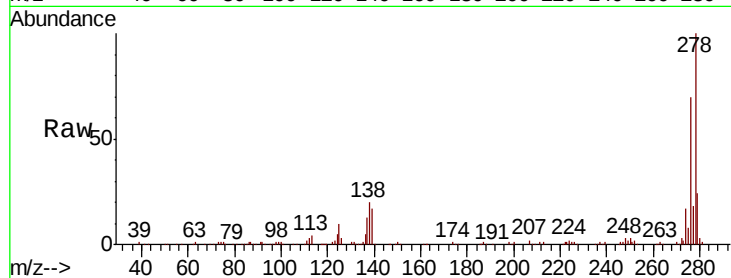
#91
Dibenzo(a,h)anthracene
Concen: 48.534 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB122916BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.4	18.6
279	23.7	18.2	27.4

Manual Integrations
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mohammad
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#92
Benzo(g,h,i)perylene
Concen: 47.140 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.01 min
Lab File: BF116920.D
Acq: 10 Sep 2019 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.5	27.7
138	24.0	16.2	24.2

