

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082619\
 Data File : BF116571.D
 Acq On : 26 Aug 2019 13:39
 Operator : HP/JU
 Sample : PB122482BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Manual Integrations
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Jagrut
 8/27/2019 10:30:27 AM

Quant Time: Aug 27 04:13:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	128958	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	549676	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	299775	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	541814	20.00	ng	0.00
76) Chrysene-d12	14.04	240	379346	20.00	ng	0.00
87) Perylene-d12	15.50	264	326354	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	802799	90.96	ng	0.02
7) Phenol-d6	6.52	99	1020865	94.33	ng	0.01
23) Nitrobenzene-d5	7.45	82	604600	60.18	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	286036	111.12	ng	0.01
45) 2-Fluorobiphenyl	9.24	172	1136641	61.06	ng	0.00
79) Terphenyl-d14	12.98	244	1260060	62.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	130712	34.206	ng	100
3) Pyridine	3.52	79	314900	27.060	ng	99
4) n-Nitrosodimethylamine	3.47	42	148903	35.051	ng	99
6) Aniline	6.55	93	410420	28.013	ng	98
8) 2-Chlorophenol	6.67	128	353148	38.130	ng	96
9) Benzaldehyde	6.43	77	260217	35.988	ng	99
10) Phenol	6.53	94	451660	38.434	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	333519	37.275	ng	99
12) 1,3-Dichlorobenzene	6.83	146	365411	36.451	ng	95
13) 1,4-Dichlorobenzene	6.90	146	378763	39.257	ng	99
14) 1,2-Dichlorobenzene	7.06	146	352715	38.752	ng	100
15) Benzyl Alcohol	7.02	79	327915	37.443	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	418350	33.816	ng	98
17) 2-Methylphenol	7.13	107	298903	38.951	ng	100
18) Hexachloroethane	7.40	117	139384	37.042	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	259048	35.081	ng	93
20) 3+4-Methylphenols	7.29	107	373593	39.742	ng	# 86
22) Acetophenone	7.29	105	500888	36.442	ng	# 95
24) Nitrobenzene	7.46	77	395946	38.054	ng	98
25) Isophorone	7.70	82	713445	36.034	ng	96
26) 2-Nitrophenol	7.78	139	190324	50.078	ng	89
27) 2,4-Dimethylphenol	7.82	122	335715	42.335	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	434543	35.539	ng	99
29) 2,4-Dichlorophenol	8.02	162	303503	40.244	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	328327	38.672	ng	97
31) Naphthalene	8.19	128	1041334	39.161	ng	99
32) Benzoic acid	7.93	122	231854	45.734	ng	92
33) 4-Chloroaniline	8.23	127	271475	23.256	ng	100
34) Hexachlorobutadiene	8.31	225	180068	38.890	ng	99
35) Caprolactam	8.60	113	95548m	36.373	ng	
36) 4-Chloro-3-methylphenol	8.71	107	333538	39.198	ng	96
37) 2-Methylnaphthalene	8.87	142	708152	38.787	ng	98
38) 1-Methylnaphthalene	8.97	142	660992	38.756	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	300487	37.257	ng	99

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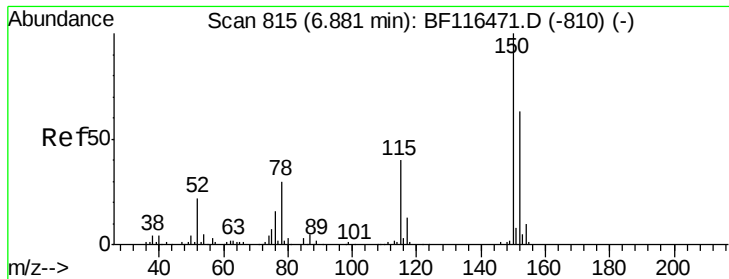
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	335388	77.290	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	224886	39.840	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	225849	39.323	nq	95
46) 1,1'-Biphenyl	9.34	154	878500	36.654	nq	99
47) 2-Chloronaphthalene	9.36	162	674963	36.326	nq	99
48) 2-Nitroaniline	9.45	65	214706	37.739	nq	97
49) Acenaphthylene	9.78	152	1049381	38.602	nq	98
50) Dimethylphthalate	9.64	163	788281	37.689	nq	100
51) 2,6-Dinitrotoluene	9.69	165	183228	42.800	nq	94
52) Acenaphthene	9.95	154	727609	41.712	nq	99
53) 3-Nitroaniline	9.86	138	140023	27.439	nq	90
54) 2,4-Dinitrophenol	9.97	184	162203	95.000	nq	# 1
55) Dibenzofuran	10.12	168	935401	38.469	nq	97
56) 4-Nitrophenol	10.02	139	309965	78.148	nq	98
57) 2,4-Dinitrotoluene	10.10	165	243459	44.692	nq	98
58) Fluorene	10.47	166	720885	38.158	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	193660	41.065	nq	97
60) Diethylphthalate	10.34	149	789744	38.417	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	352428	38.239	nq	98
62) 4-Nitroaniline	10.48	138	200859	40.245	nq	94
63) Azobenzene	10.62	77	786538	37.212	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	118446	52.538	nq	79
66) n-Nitrosodiphenylamine	10.57	169	659398	37.586	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	216628	38.137	nq	96
68) Hexachlorobenzene	11.02	284	229585	36.543	nq	# 92
69) Atrazine	11.10	200	201505	38.335	nq	100
70) Pentachlorophenol	11.21	266	280683	76.574	nq	99
71) Phenanthrene	11.43	178	1105172	37.443	nq	100
72) Anthracene	11.48	178	1132147	38.172	nq	99
73) Carbazole	11.63	167	1008023	37.863	nq	100
74) Di-n-butylphthalate	11.96	149	1243332	37.688	nq	100
75) Fluoranthene	12.61	202	1157581	37.934	nq	97
77) Benzidine	12.73	184	427628	28.018	nq	98
78) Pyrene	12.84	202	1164977	38.402	nq	100
80) Butylbenzylphthalate	13.46	149	526193	40.163	nq	100
81) Benzo(a)anthracene	14.03	228	925773	37.681	nq	100
82) 3,3'-Dichlorobenzidine	13.99	252	282784	32.298	nq	100
83) Chrysene	14.06	228	921595	37.009	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	702403	40.206	nq	99
85) Di-n-octyl phthalate	14.63	149	1184551	39.939	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	735571	34.483	nq	98
88) Benzo(b)fluoranthene	15.07	252	839263	41.629	nq	98
89) Benzo(k)fluoranthene	15.10	252	821291	44.967	nq	100
90) Benzo(a)pyrene	15.44	252	760032	42.655	nq	100
91) Dibenzo(a,h)anthracene	16.99	278	616522	42.108	nq	96
92) Benzo(g,h,i)perylene	17.42	276	595291	42.648	nq	97

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



#1

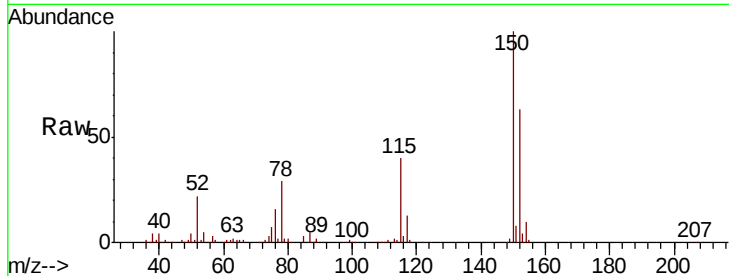
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.7	190.1
115	63.7	50.9	76.3

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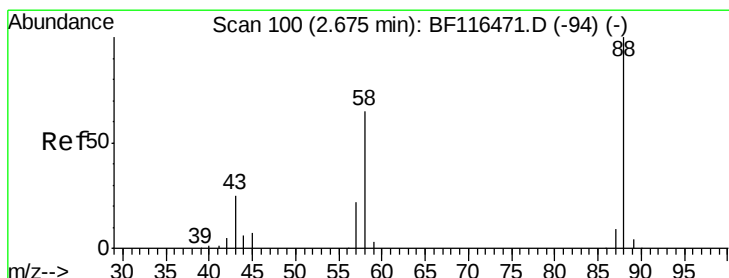
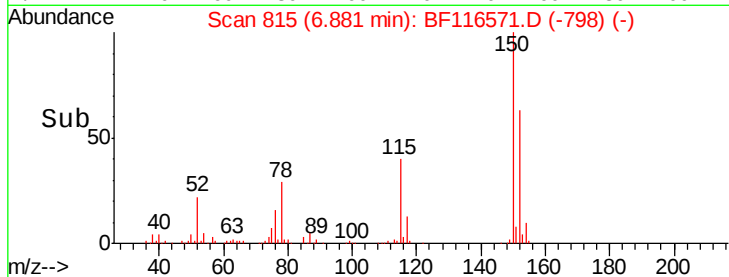
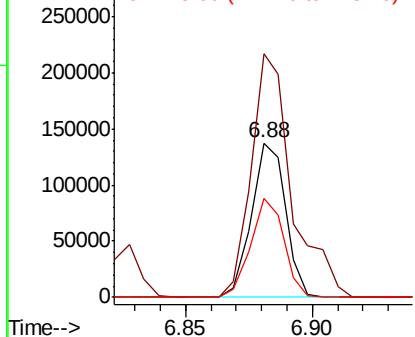


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

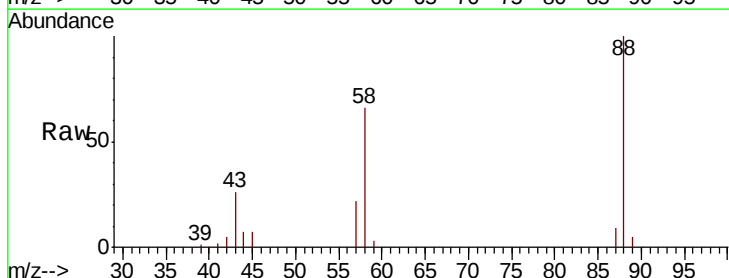
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.206 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.11 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	53.4	80.0
43	26.3	21.2	31.8

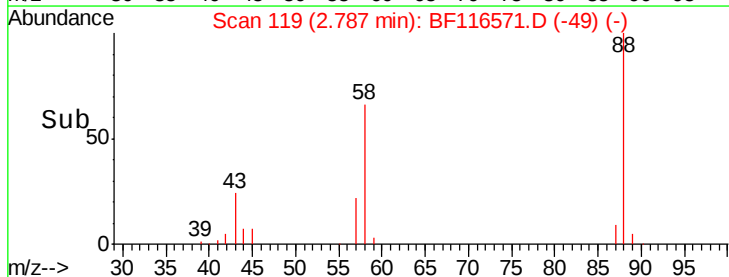
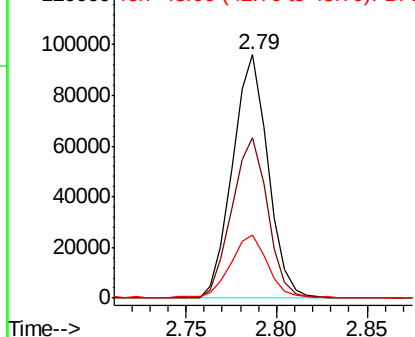


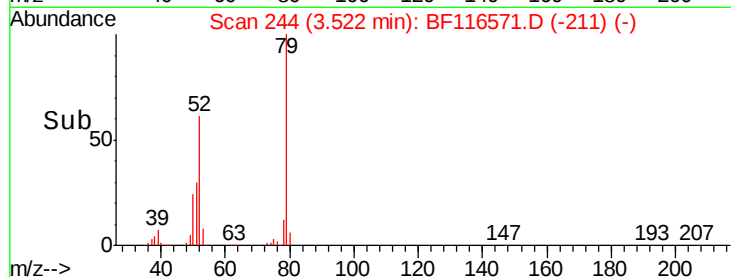
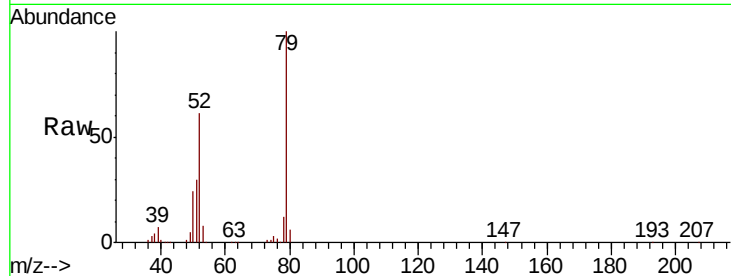
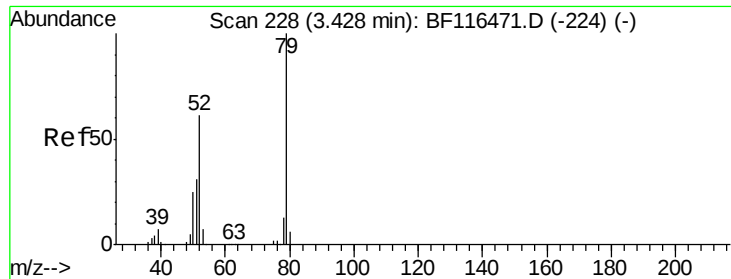
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





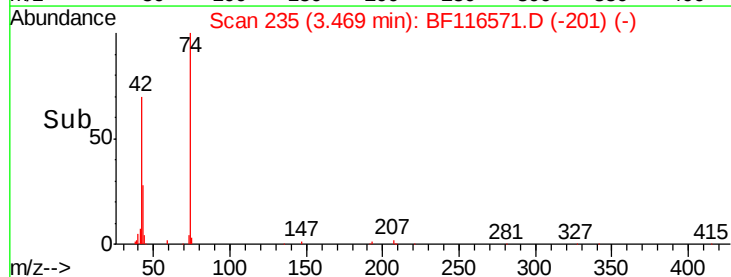
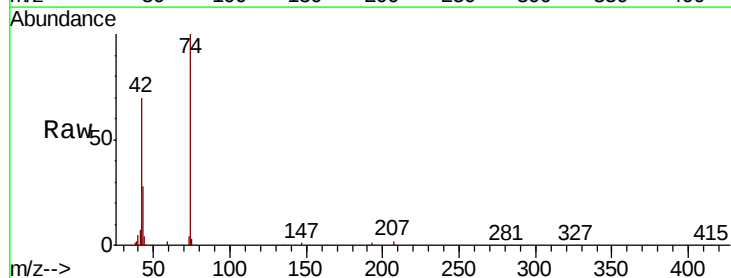
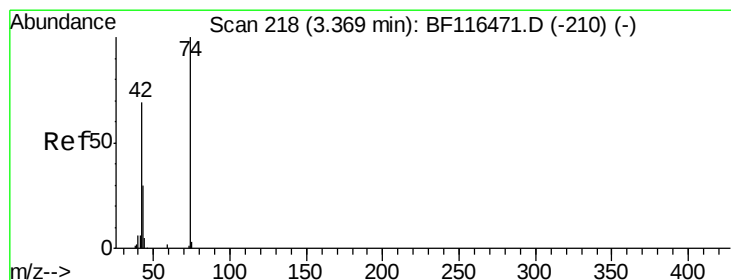
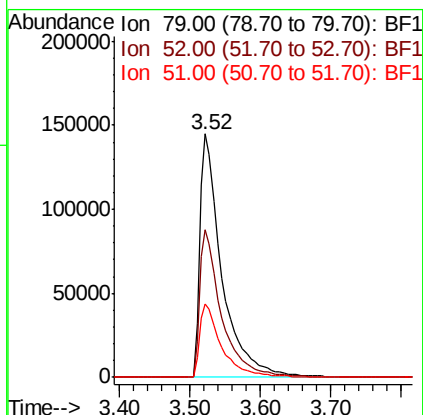
#3
Pvridine
Concen: 27.060 ng
RT: 3.52 min Scan# 244
Delta R.T. 0.09 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tot Ion	Ratio	Resp	Lower	Upper
79	100	314900		
52	60.6	48.8	73.2	
51	30.4	25.2	37.8	

Instrument :
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ClientSampleId :
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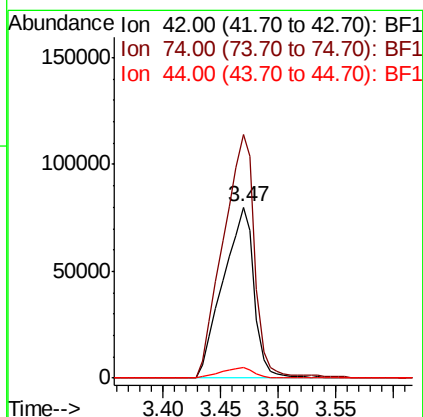
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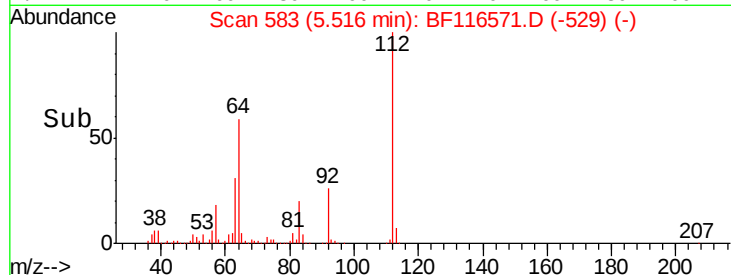
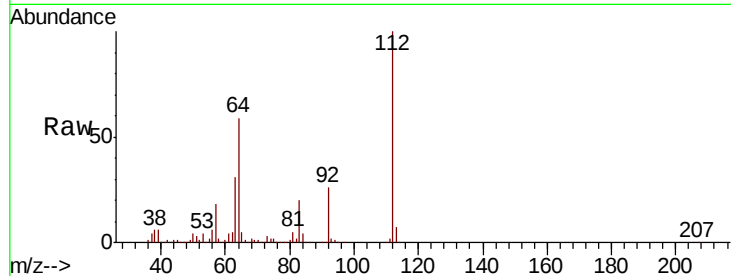
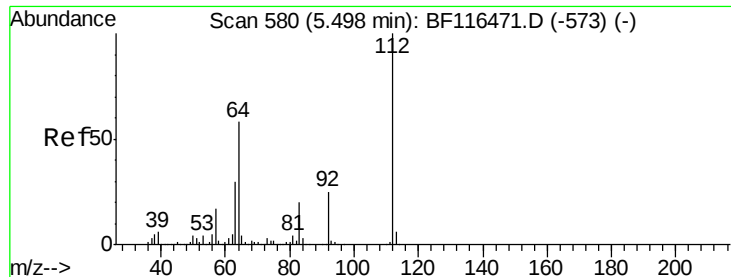
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#4
n-Nitrosodimethylamine
Concen: 35.051 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.10 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	148903		
74	142.6	115.3	172.9	
44	6.1	5.8	8.8	





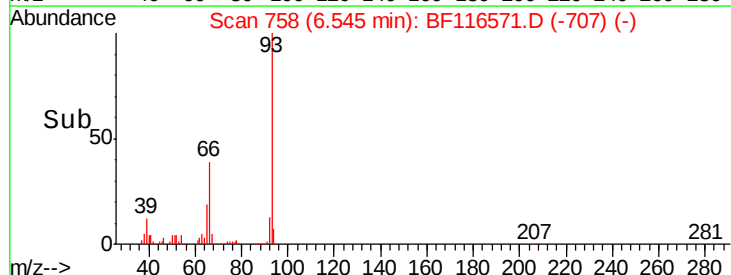
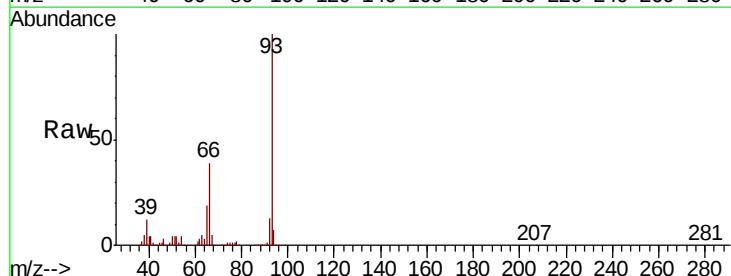
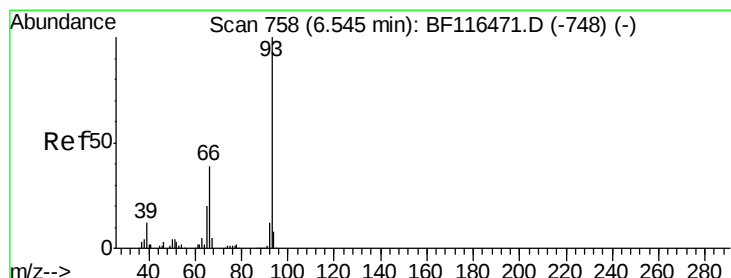
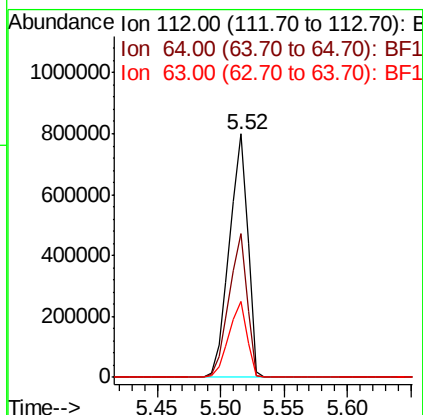
#5
2-Fluorophenol
Concen: 90.960 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tot Ion	Ratio	Resp	Lower	Upper
112	100	802799		
64	59.0		46.3	69.5
63	31.1		24.2	36.4

Instrument :
BNA_F
ClientSampled :
PB122482BS

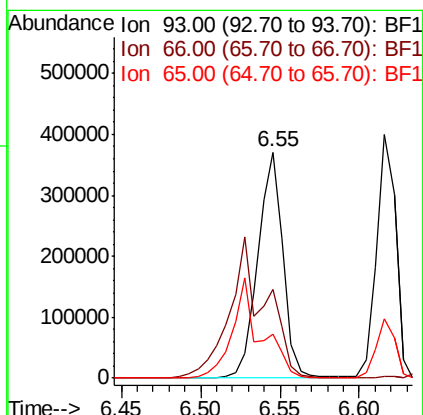
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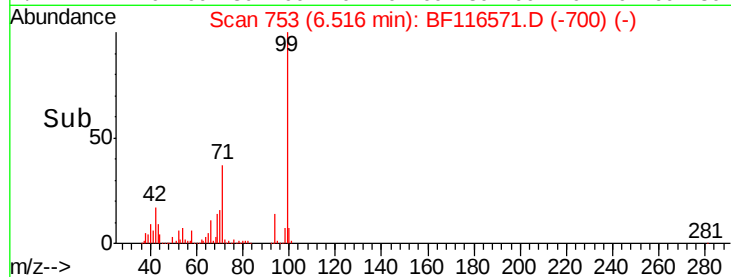
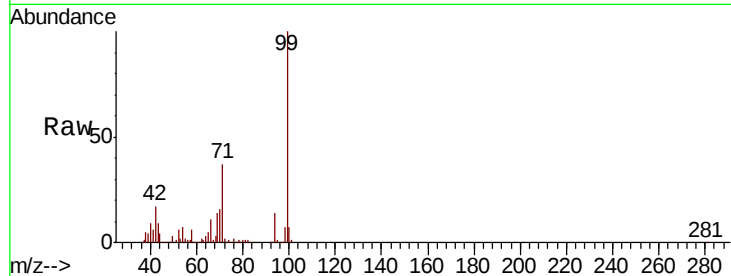
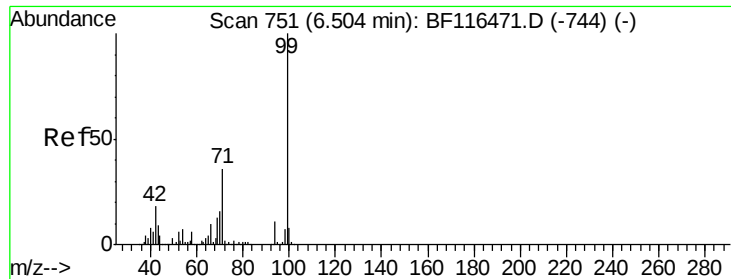
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#6
Aniline
Concen: 28.013 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	410420		
66	39.4		32.2	48.2
65	19.5		16.3	24.5





#7

Phenol-d6

Concen: 94.335 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Tot Ion: 99 Resp: 1020865

Ion Ratio Lower Upper

99 100

42 17.4 14.6 21.8

71 36.5 28.5 42.7

Instrument :

BNA_F

ClientSampled :

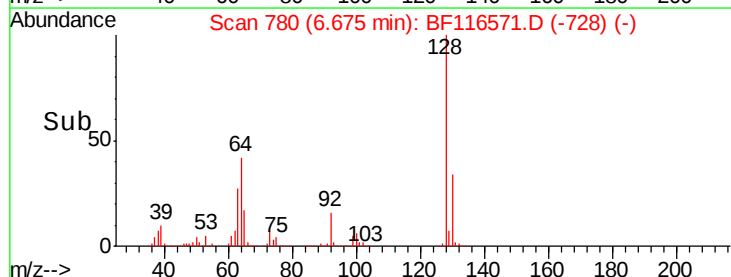
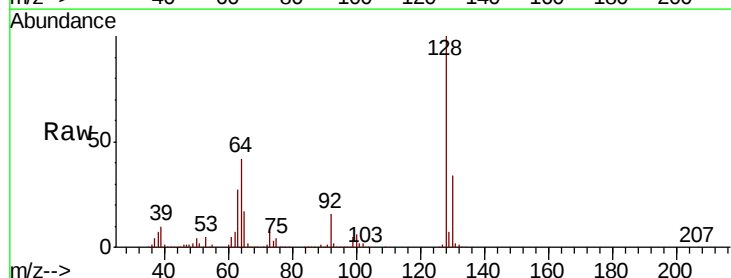
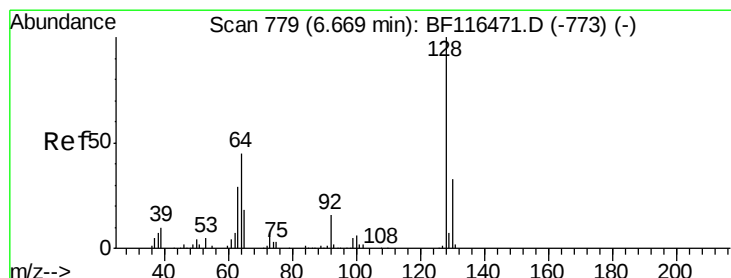
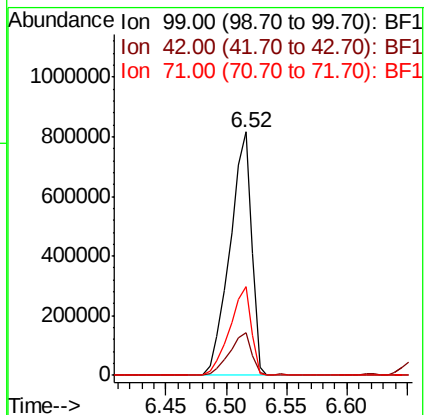
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#8

2-Chlorophenol

Concen: 38.130 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

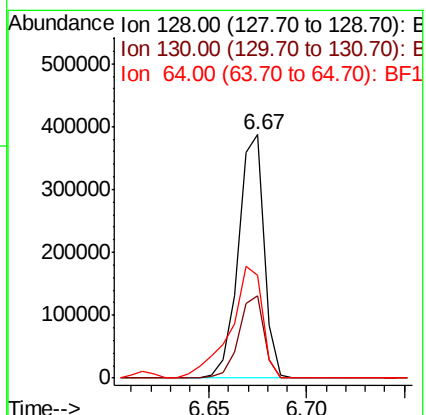
Tgt Ion: 128 Resp: 353148

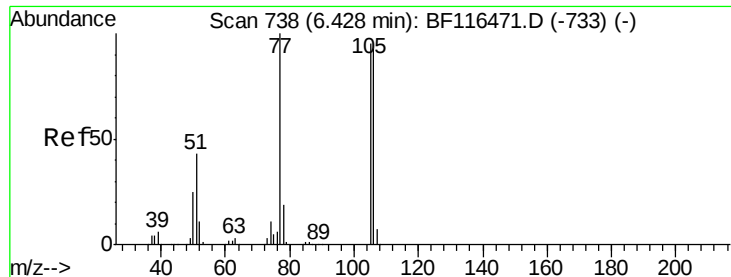
Ion Ratio Lower Upper

128 100

130 33.8 13.4 53.4

64 42.4 26.3 66.3





#9

Benzaldehyde

Concen: 35.988 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

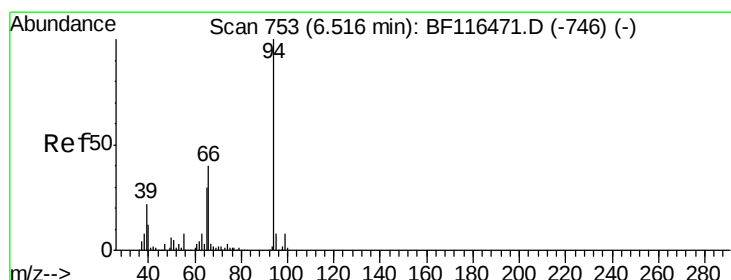
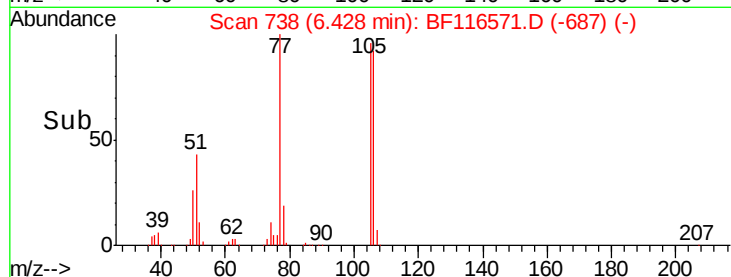
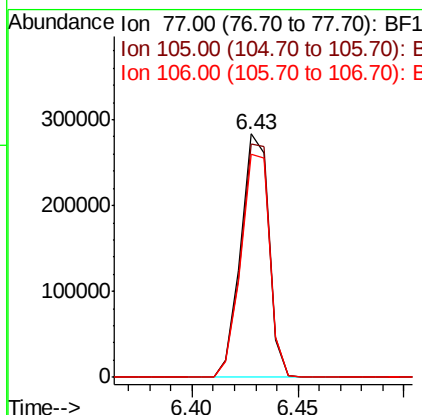
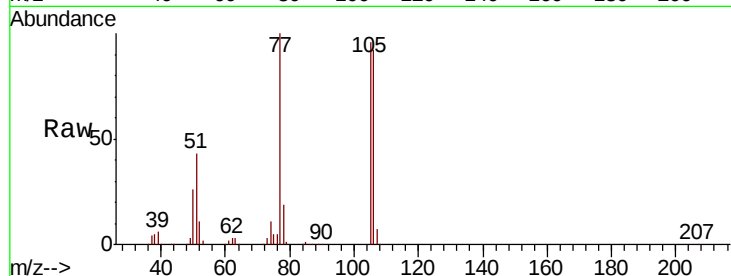
ClientSampleId :

PB122482BS

Tot Ion:	77	Resp:	260217
Ion Ratio	Lower	Upper	
77	100		
105	95.8	75.5	115.5
106	91.5	73.2	113.2

Manual Integrations
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#10

Phenol

Concen: 38.434 ng

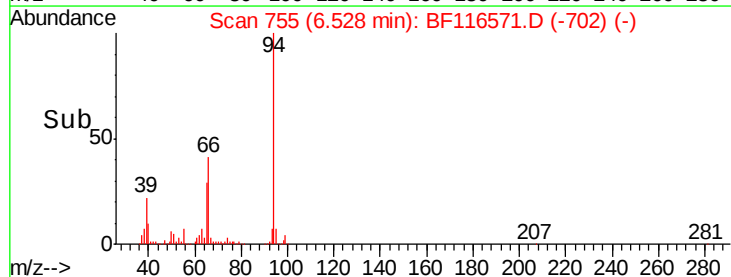
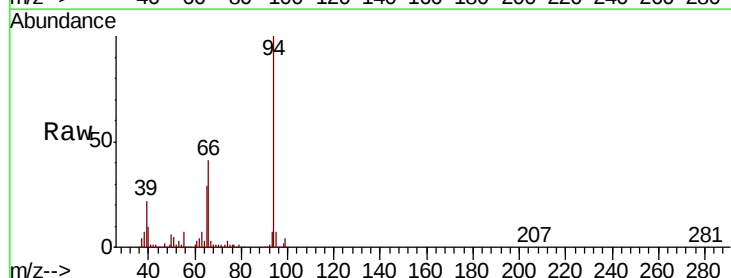
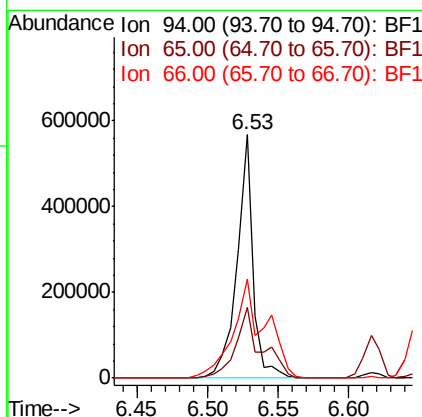
RT: 6.53 min Scan# 755

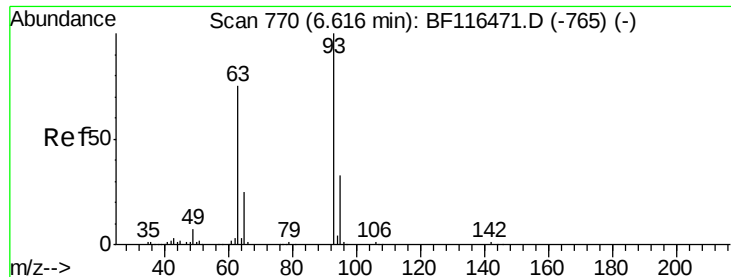
Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Tgt Ion:	94	Resp:	451660
Ion Ratio	Lower	Upper	
94	100		
65	29.1	10.0	50.0
66	40.7	19.8	59.8





#11

bis(2-Chloroethyl)ether

Concen: 37.275 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

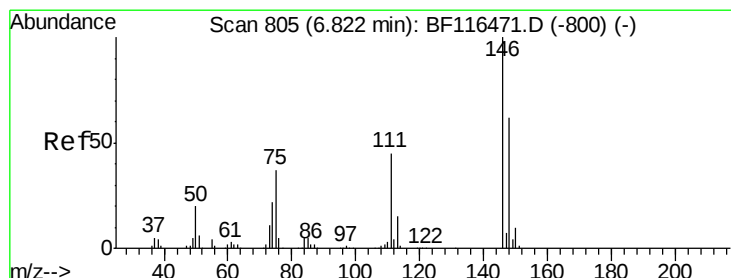
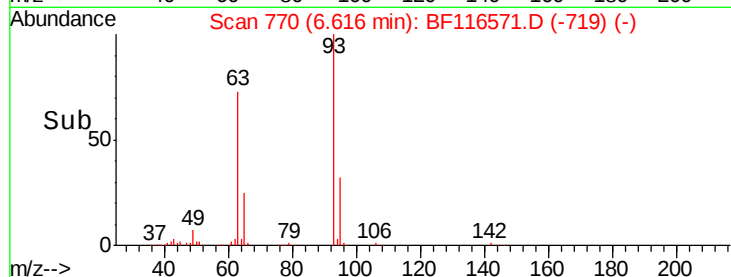
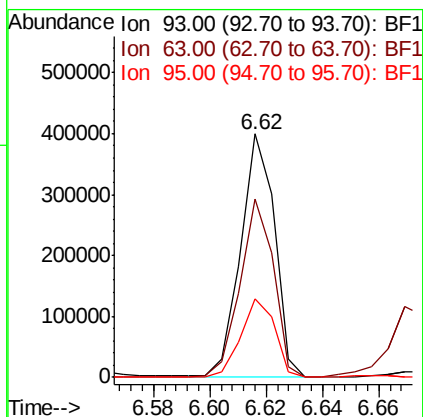
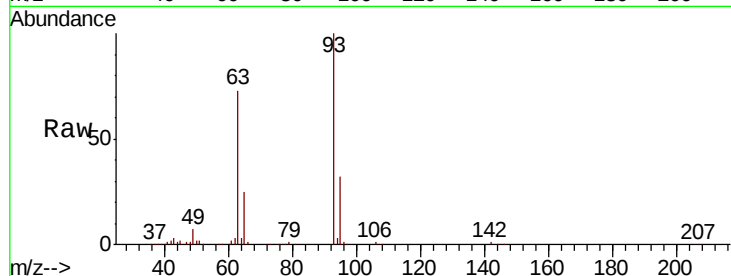
ClientSampleId :

PB122482BS

Tot Ion:	93	Resp:	333519
Ion	Ratio	Lower	Upper
93	100		
63	73.3	54.3	94.3
95	32.3	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 36.451 ng

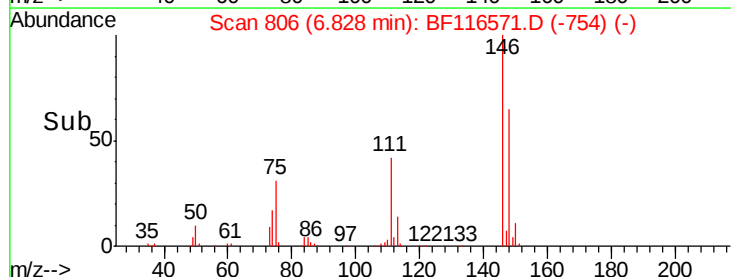
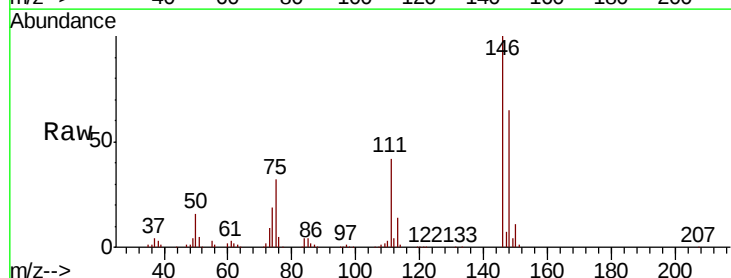
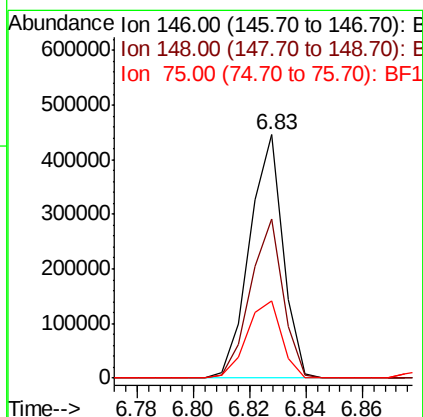
RT: 6.83 min Scan# 806

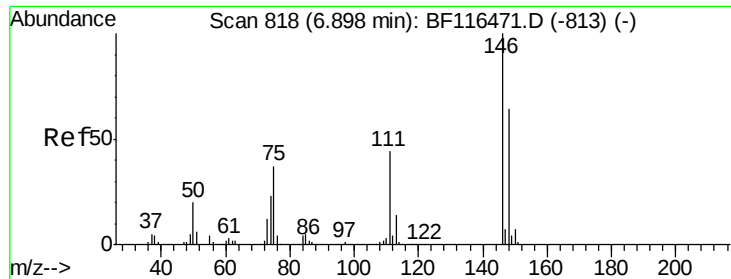
Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Tgt Ion:	146	Resp:	365411
Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.8	74.8
75	31.9	29.3	43.9





#13

1,4-Dichlorobenzene

Concen: 39.257 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

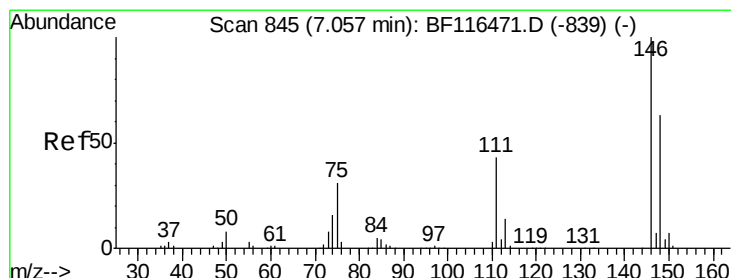
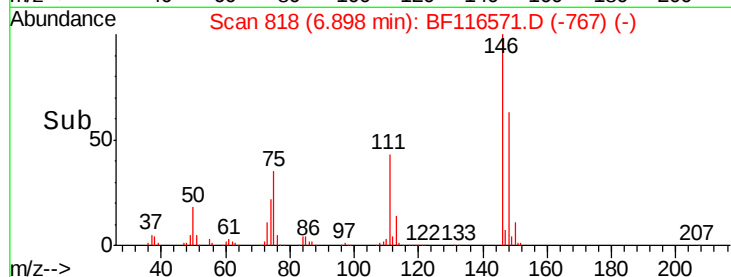
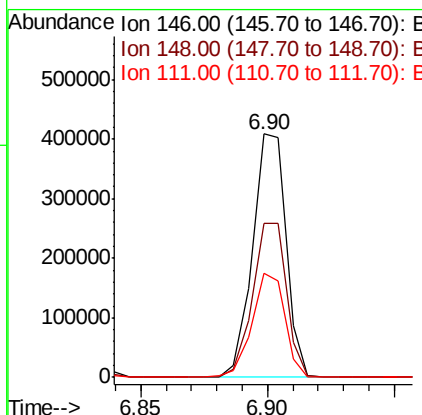
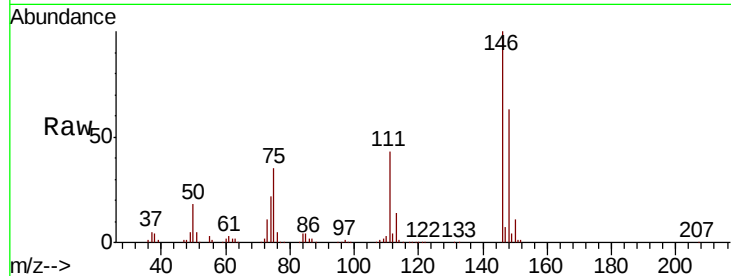
ClientSampled :

PB122482BS

Tot Ion:	146	Resp:	378763
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.0	76.4
111	43.0	35.4	53.2

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#14

1,2-Dichlorobenzene

Concen: 38.752 ng

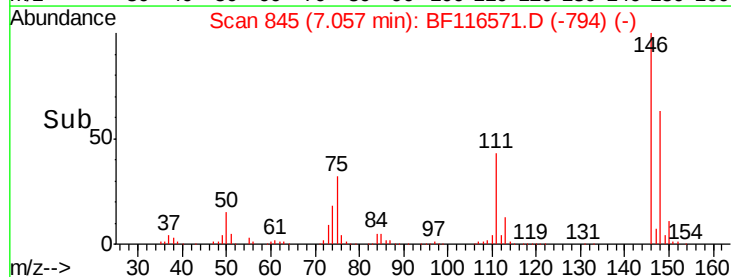
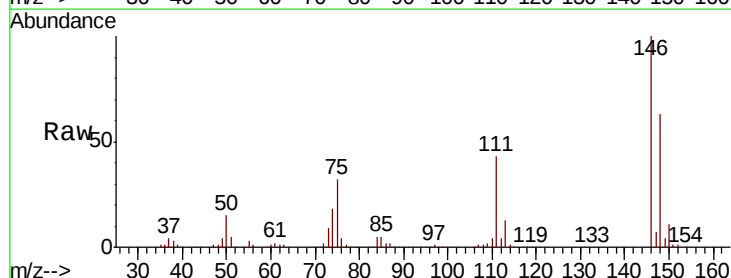
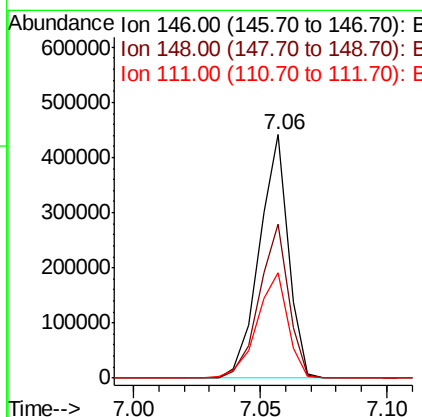
RT: 7.06 min Scan# 845

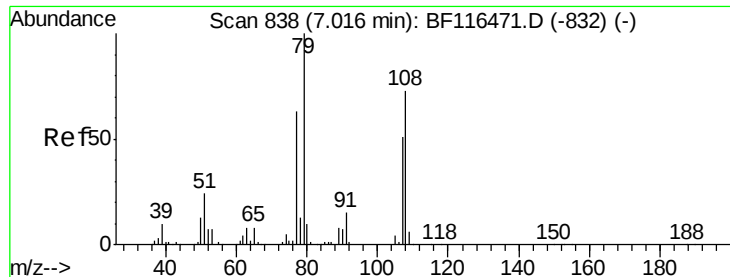
Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Tgt Ion:	146	Resp:	352715
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
111	43.2	34.5	51.7





#15

Benzyl Alcohol

Concen: 37.443 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

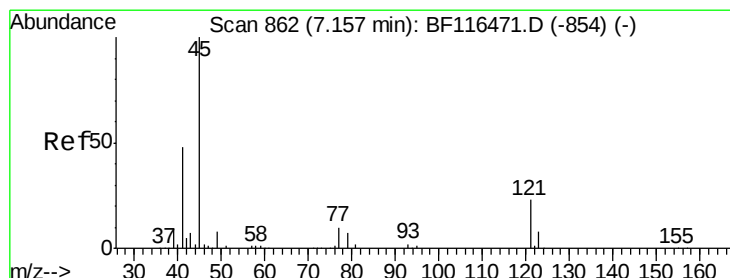
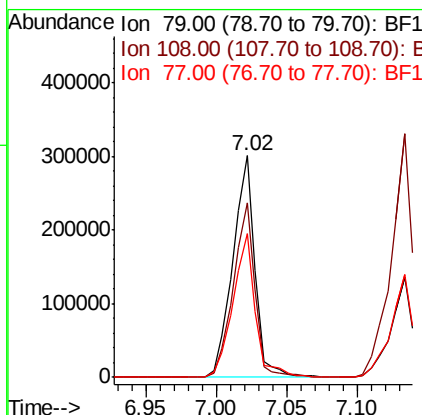
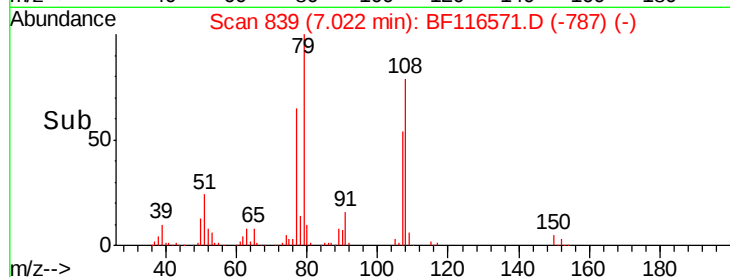
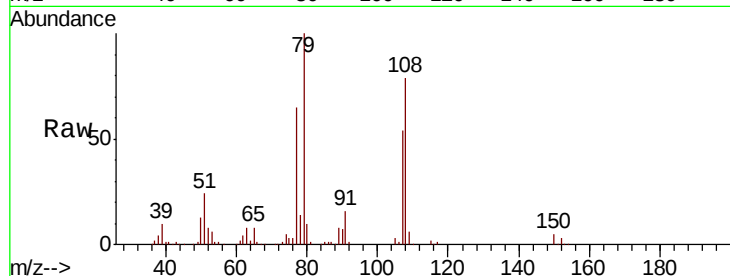
ClientSampleId :

PB122482BS

Tot Ion:	79	Resp:	327915
Ion Ratio	Lower	Upper	
79	100		
108	78.9	58.1	87.1
77	65.1	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.816 ng

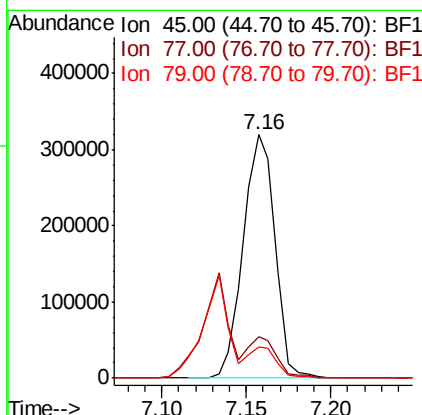
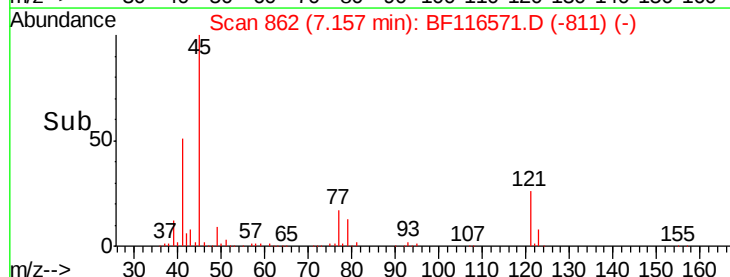
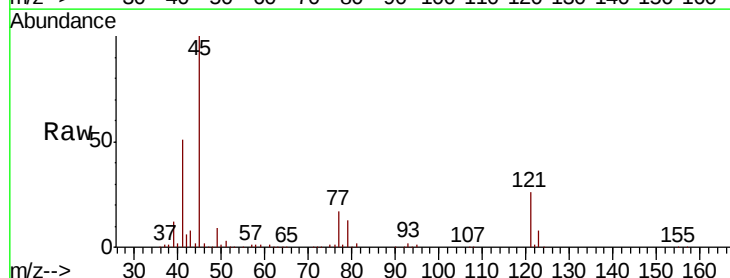
RT: 7.16 min Scan# 862

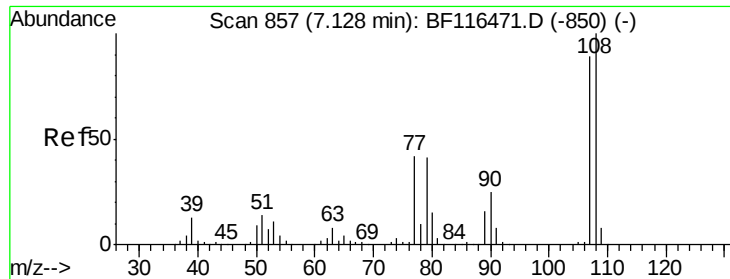
Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Tgt Ion:	45	Resp:	418350
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	36.1
79	13.0	0.0	32.3





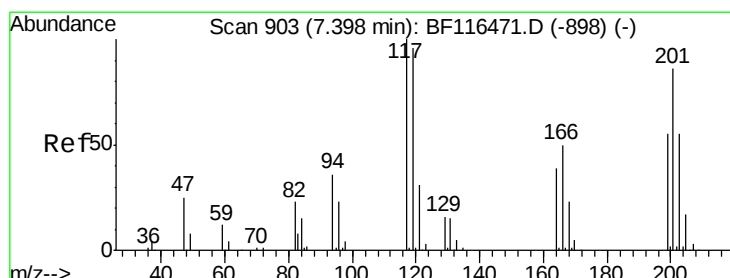
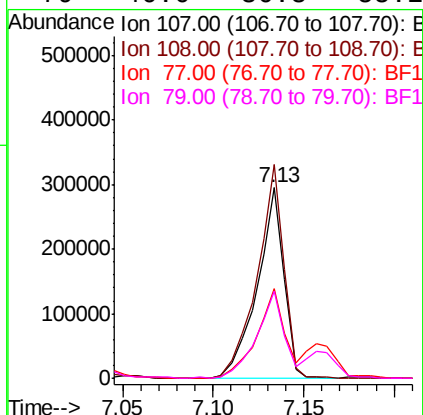
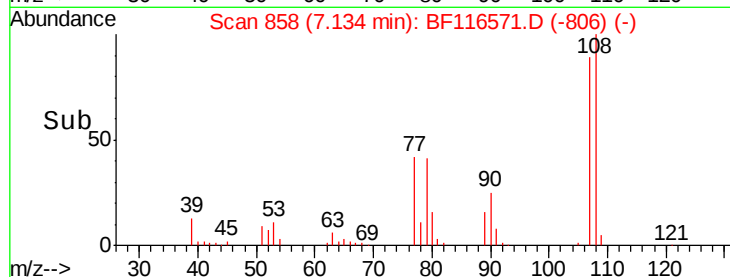
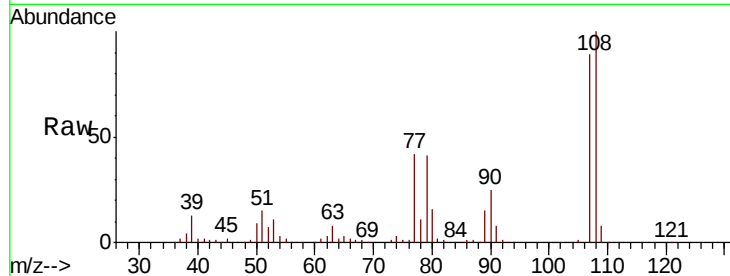
#17
2-Methylphenol
Concen: 38.951 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	90.0	135.0	
77	47.2	37.6	56.4	
79	46.0	36.8	55.2	

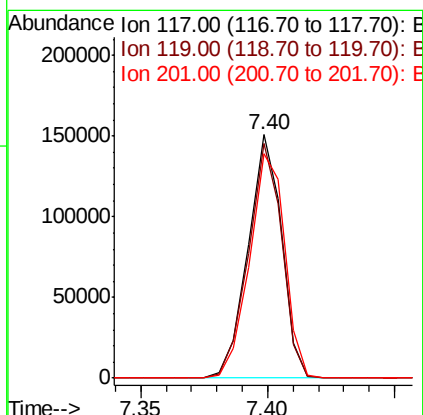
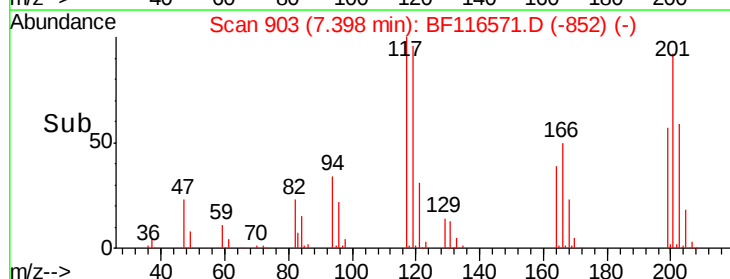
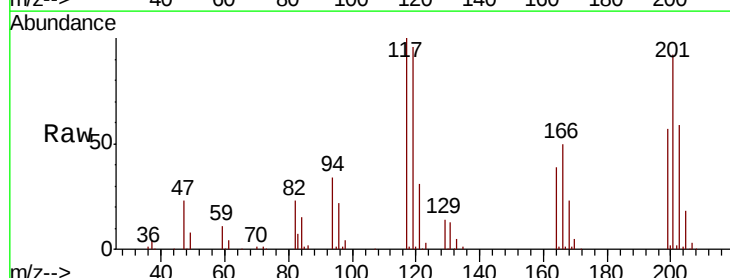
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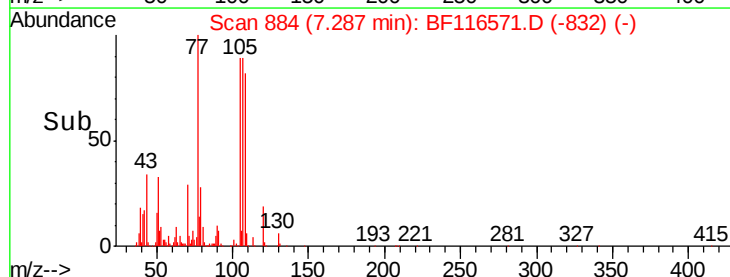
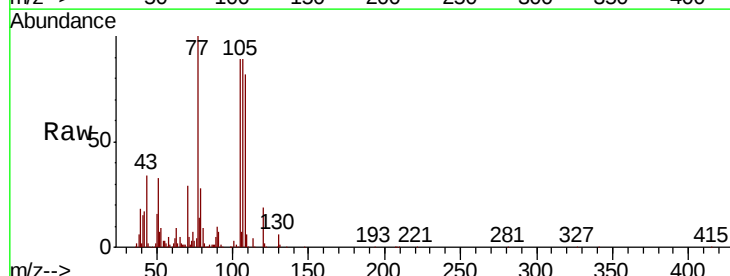
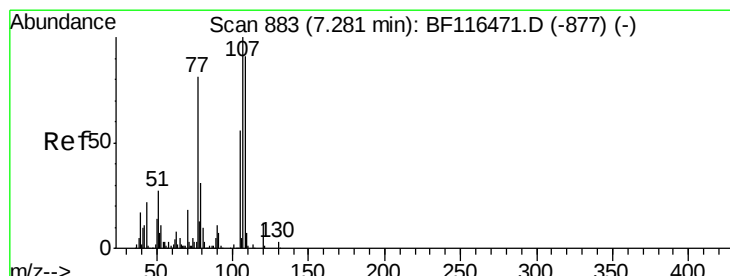
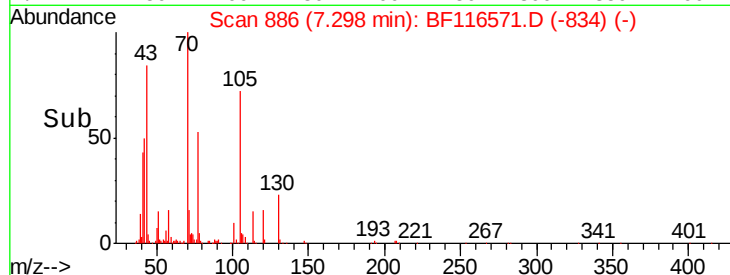
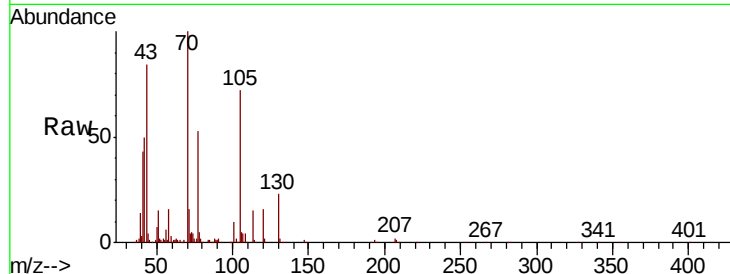
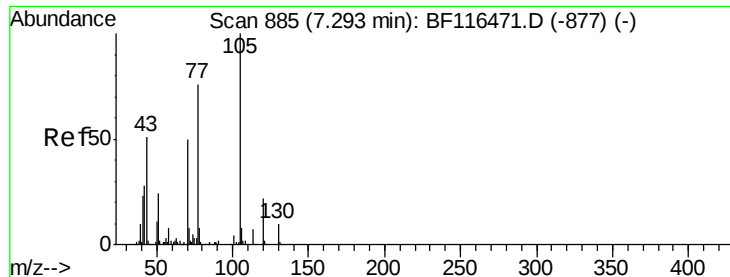
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#18
Hexachloroethane
Concen: 37.042 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	77.0	115.6	
201	92.0	69.1	103.7	





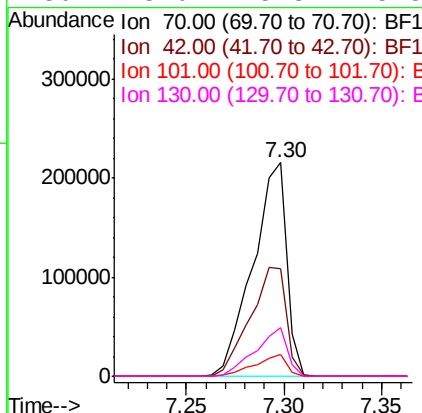
#19
n-Nitroso-di-n-propylamine
Concen: 35.081 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	50.4	44.4	66.6	
101	10.2	7.1	10.7	
130	23.0	15.8	23.8	

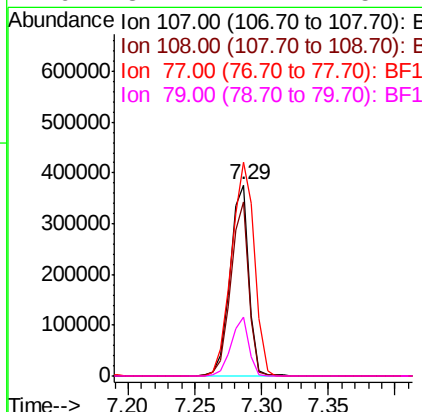
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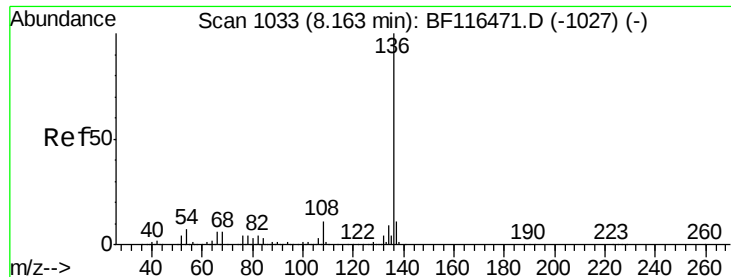
Jagrut
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#20
3+4-Methylphenols
Concen: 39.742 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.5	70.7	110.7	
77	111.9	60.6	100.6	
79	31.2	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

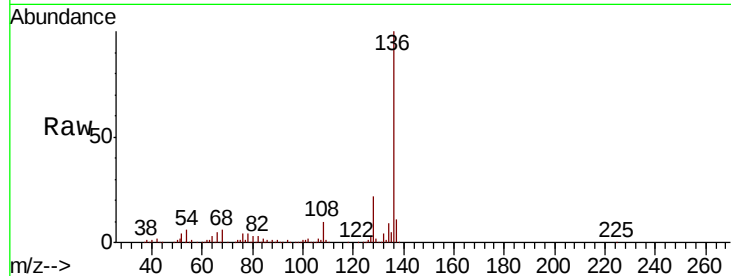
ClientSampleId :

PB122482BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.0	5.8	8.6
68	5.6	5.1	7.7

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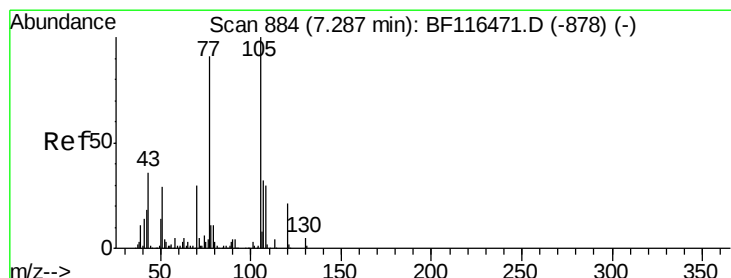
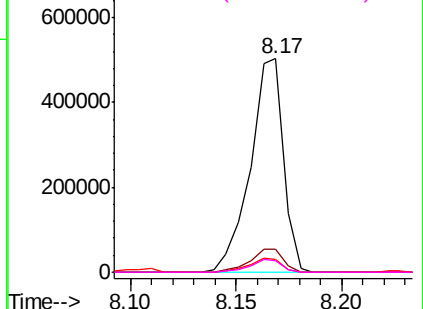
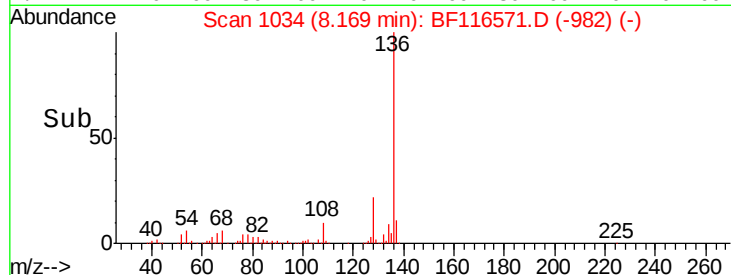
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.442 ng

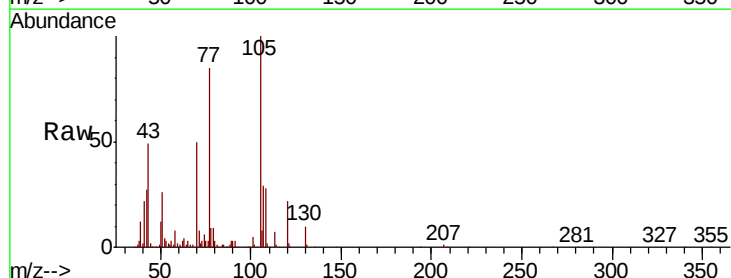
RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.1	4.2	6.2#
51	25.7	23.0	34.4
120	22.0	16.5	24.7



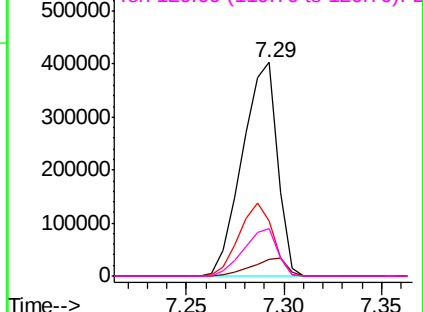
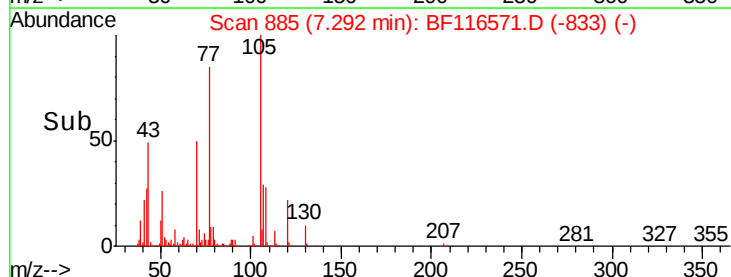
Abundance

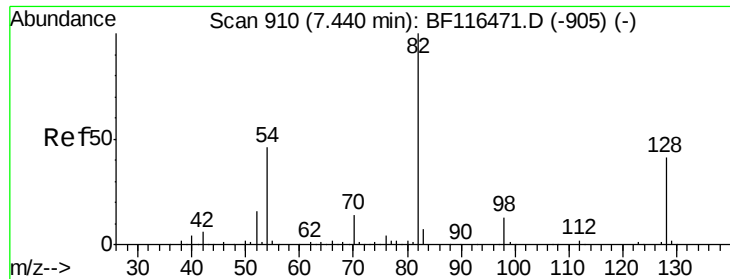
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





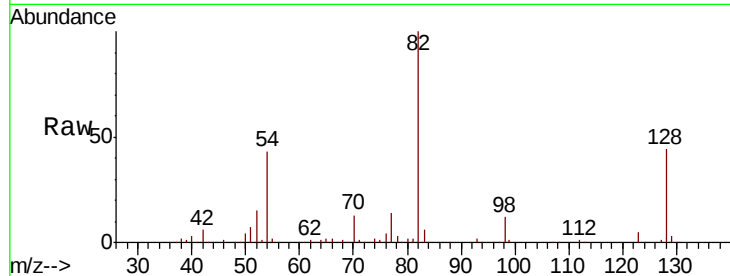
#23
 Nitrobenzene-d5
 Concen: 60.177 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	604600		
128	44.4		32.2	48.4
54	43.2		36.5	54.7

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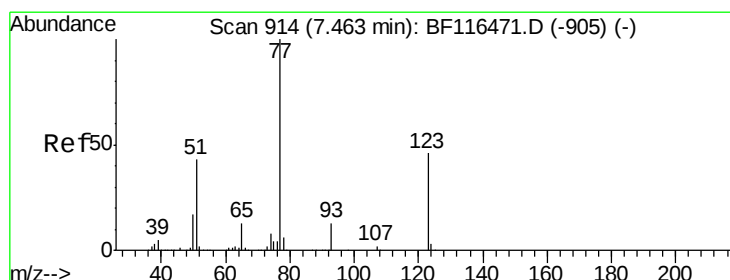
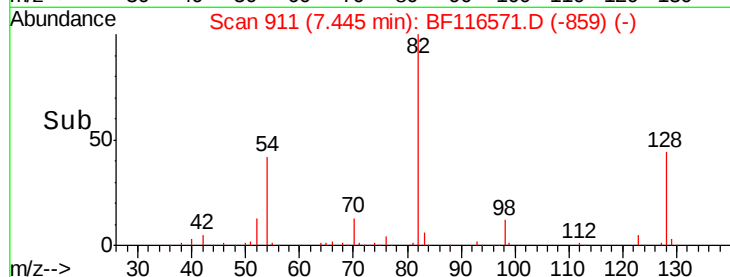
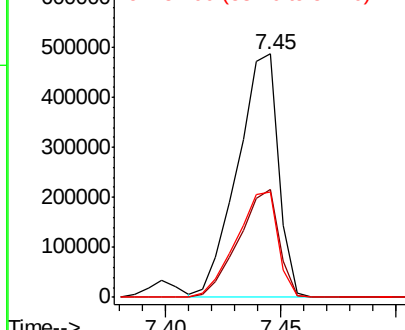


Abundance

Ion 82.00 (81.70 to 82.70): BF1

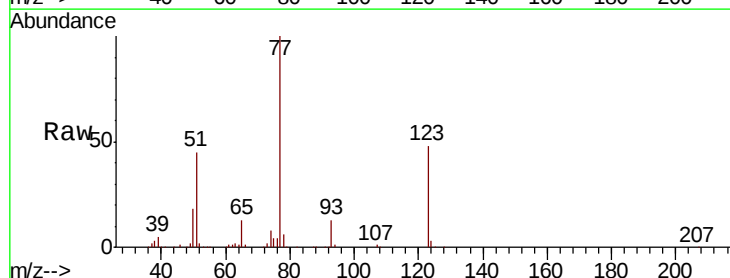
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 38.054 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	395946		
123	47.5		37.0	55.4
65	13.0		10.5	15.7

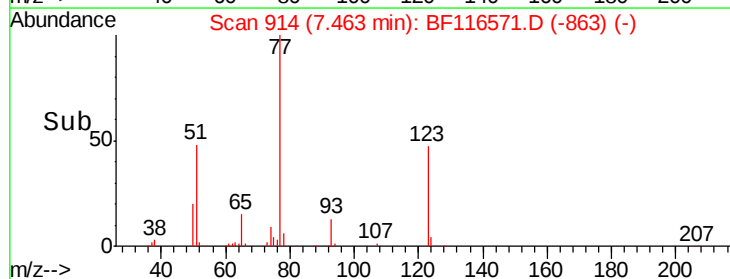
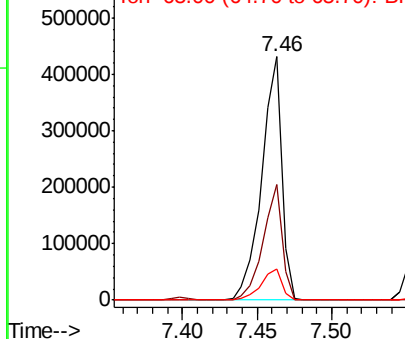


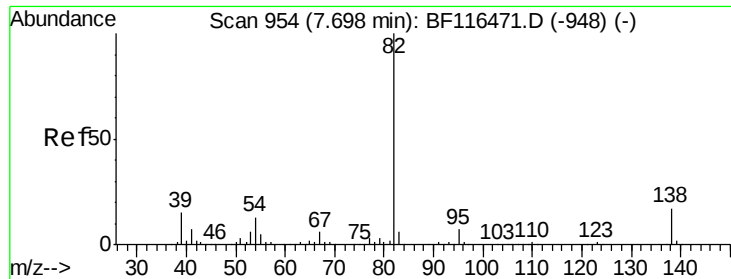
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.034 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

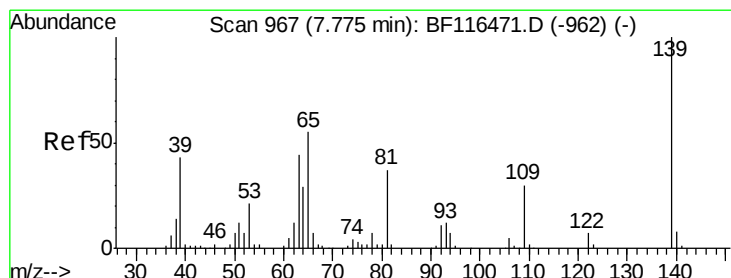
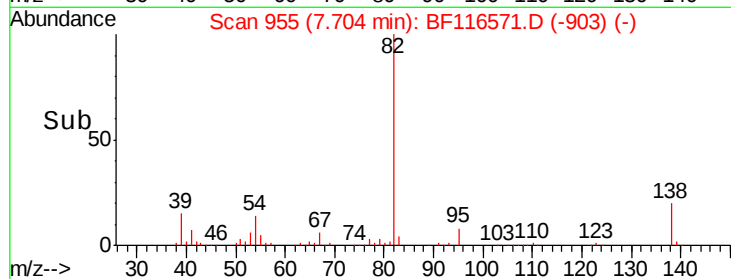
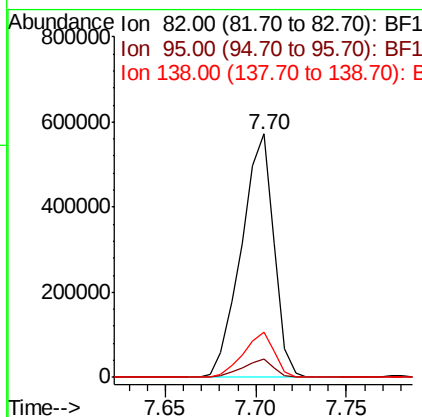
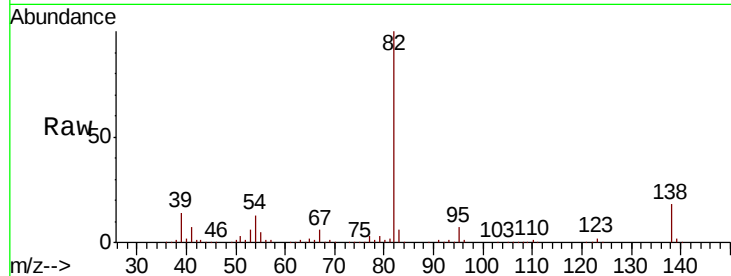
ClientSampleId :

PB122482BS

Tot Ion:	82	Resp:	713445
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.3	7.9
138	18.4	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.078 ng

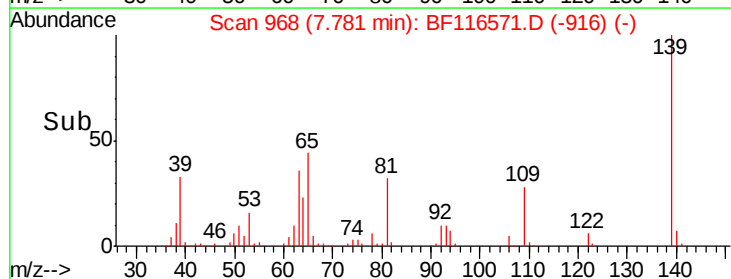
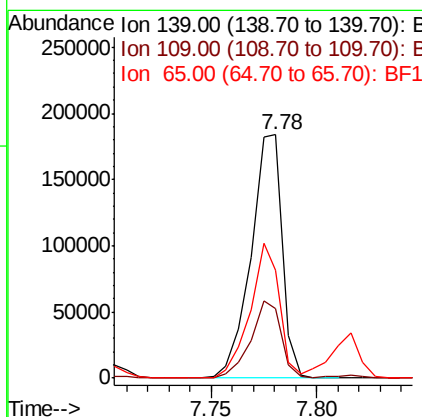
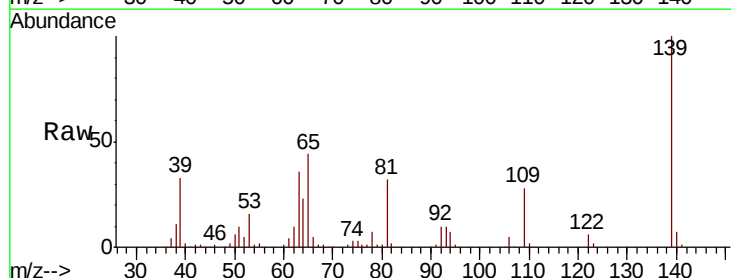
RT: 7.78 min Scan# 968

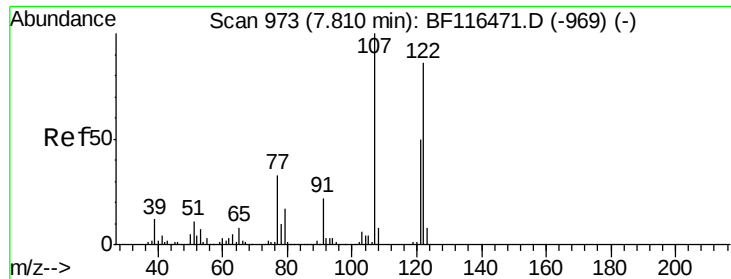
Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Tgt Ion:	139	Resp:	190324
Ion Ratio	Lower	Upper	
139	100		
109	28.4	24.3	36.5
65	44.3	44.0	66.0





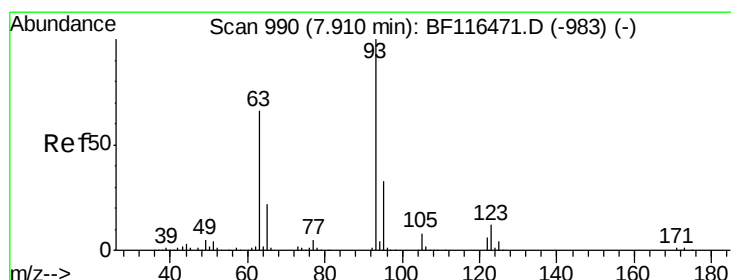
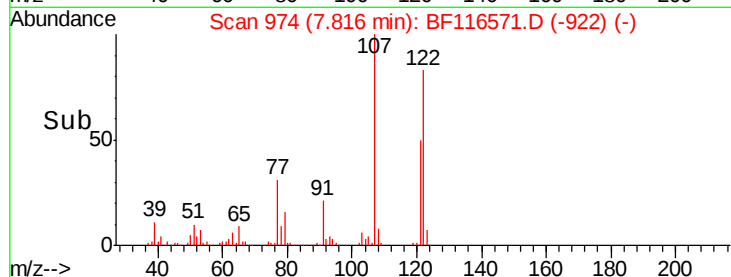
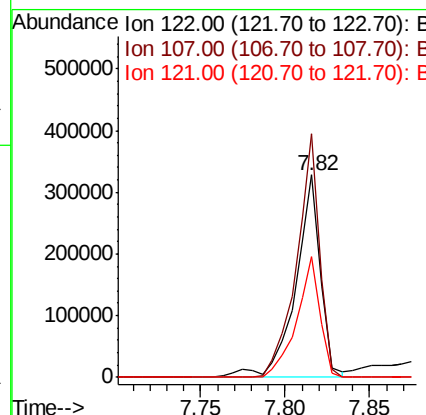
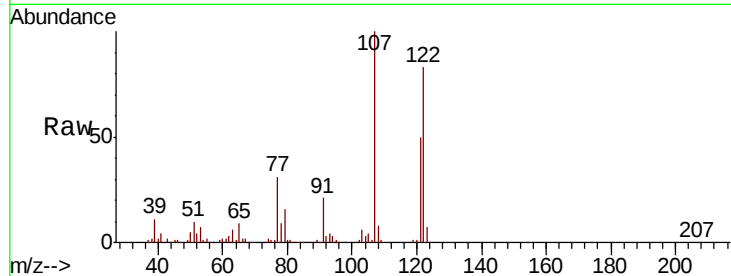
#27
2,4-Dimethylphenol
Concen: 42.335 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :
PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	335715		
107	120.3		92.4	138.6
121	59.6		46.2	69.4

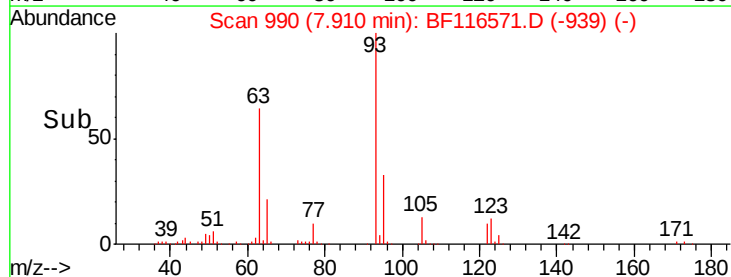
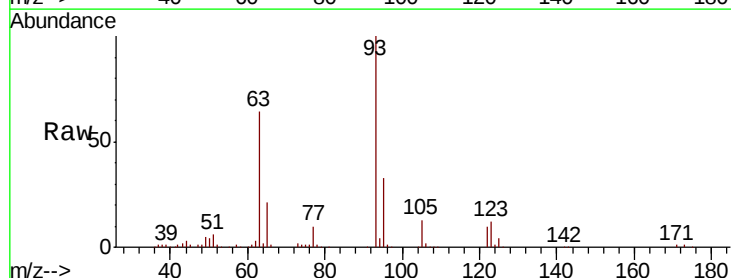
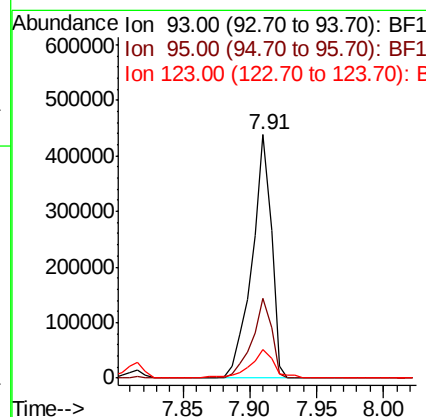
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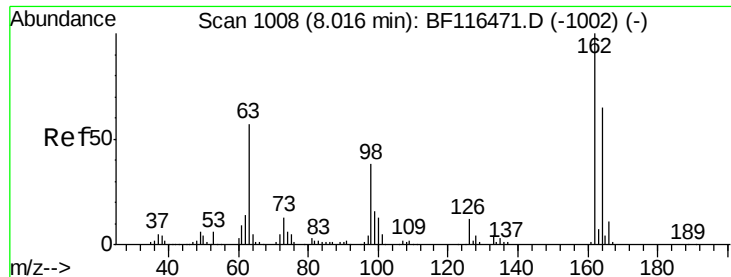
Jagrut
8/27/2019 10:30:27 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.539 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	434543		
95	32.7		26.3	39.5
123	11.6		9.8	14.6





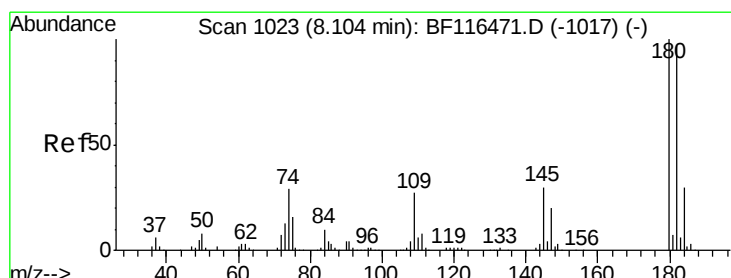
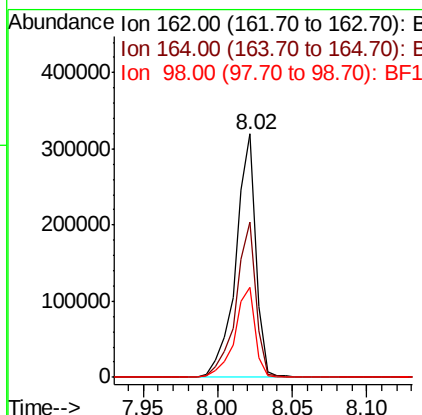
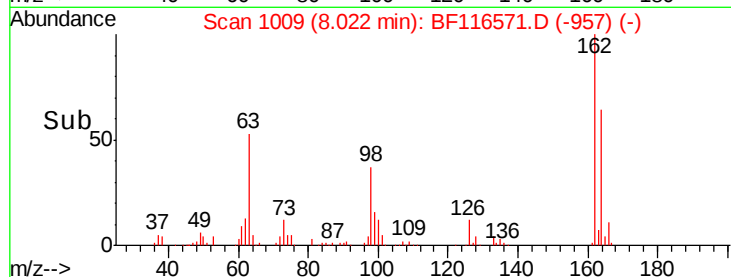
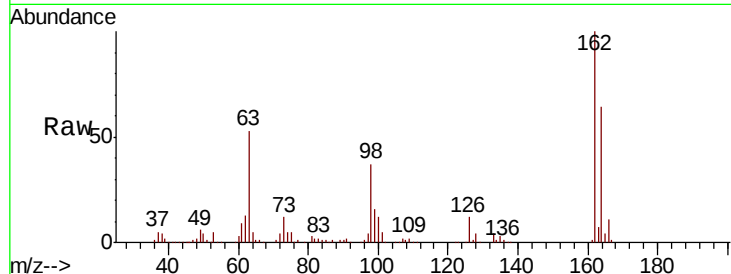
#29
2,4-Dichlorophenol
Concen: 40.244 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	303503		
164	63.5	44.9	84.9	
98	37.1	17.9	57.9	

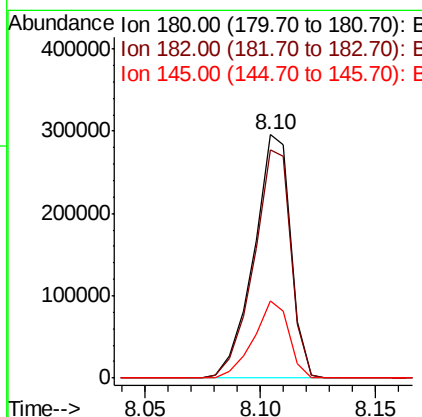
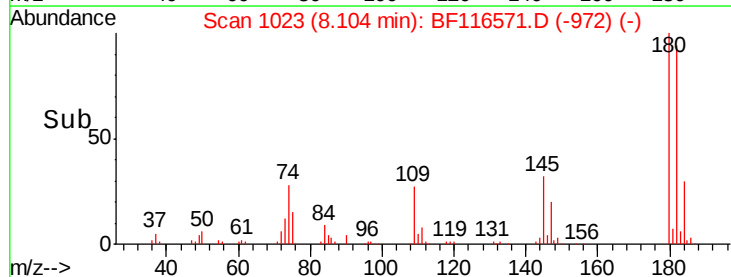
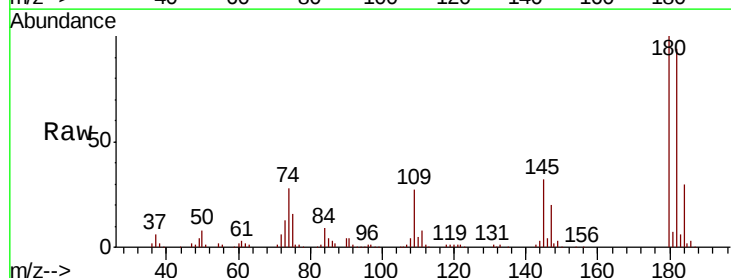
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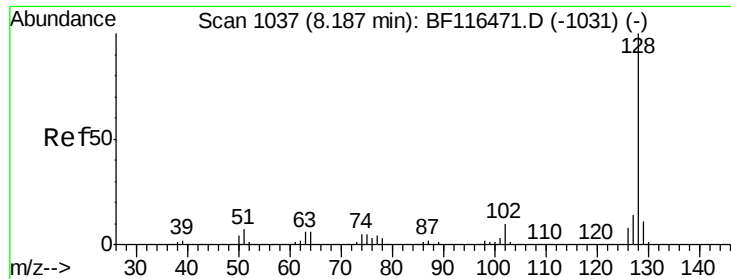
Jagrut
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#30
1,2,4-Trichlorobenzene
Concen: 38.672 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	328327		
182	93.7	77.4	116.0	
145	31.6	24.3	36.5	





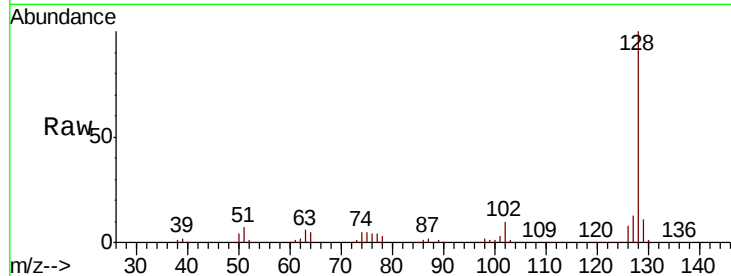
#31
Naphthalene
Concen: 39.161 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

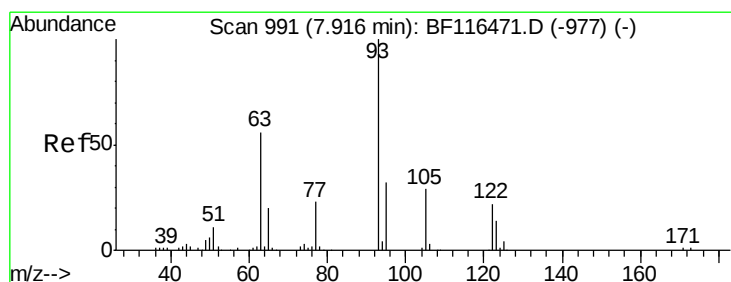
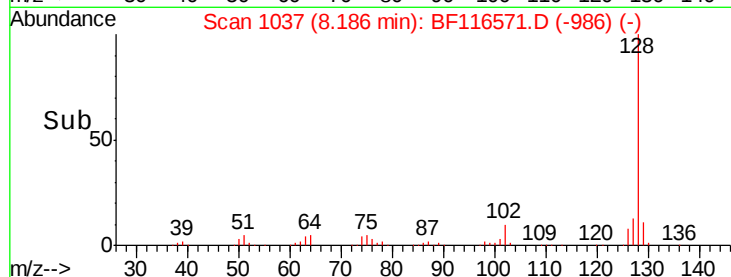
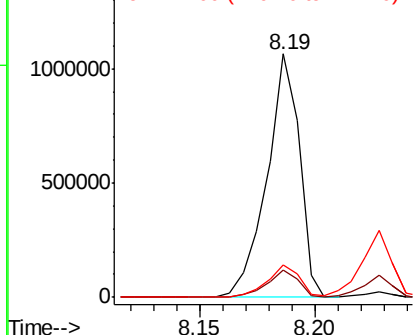
Tot Ion:128 Resp: 1041334
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.9 16.3

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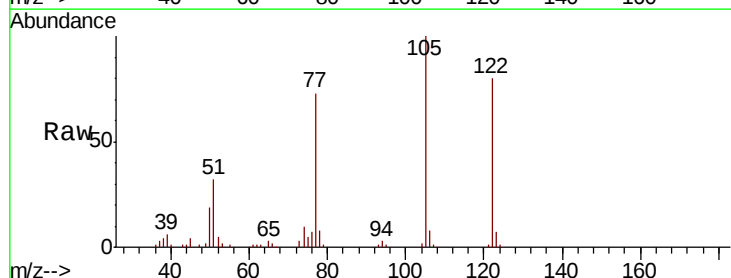


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

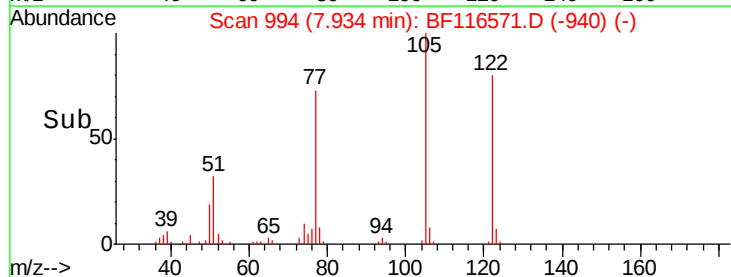
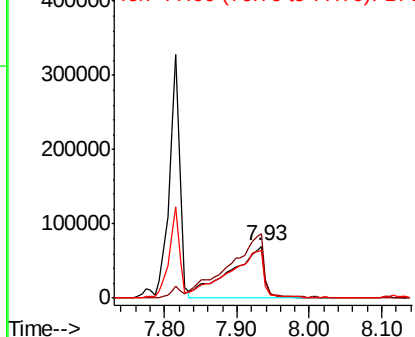


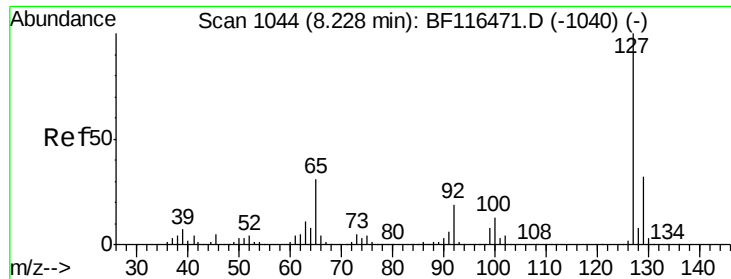
#32
Benzoic acid
Concen: 45.734 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:122 Resp: 231854
Ion Ratio Lower Upper
122 100
105 124.7 109.9 149.9
77 91.3 84.9 124.9



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





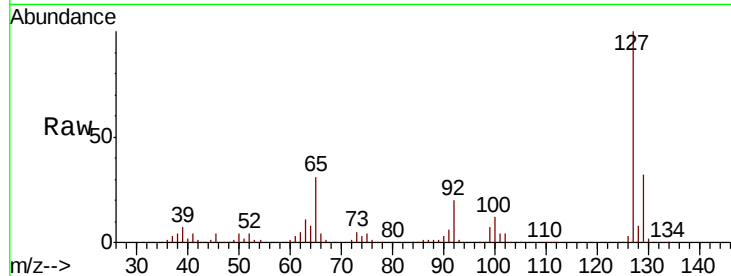
#33
4-Chloroaniline
Concen: 23.256 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

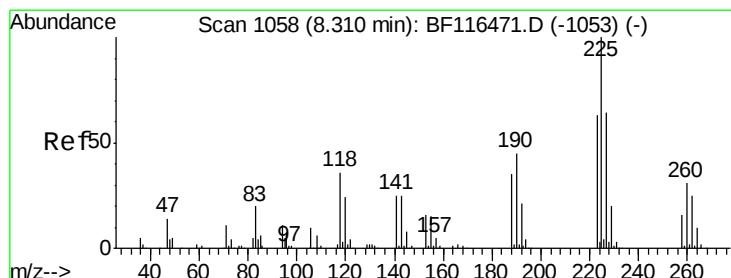
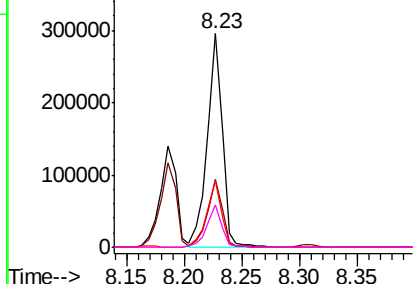
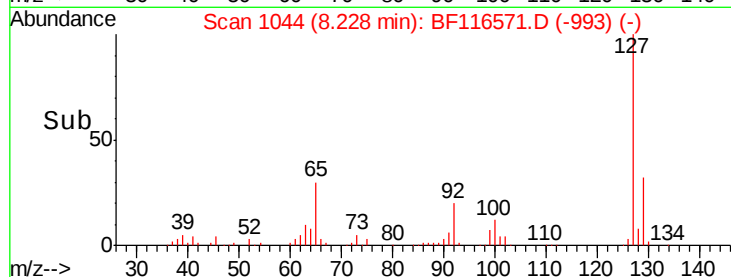
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		271475		
129	32.1	25.7	38.5		
65	31.3	25.0	37.6		
92	19.6	15.0	22.6		

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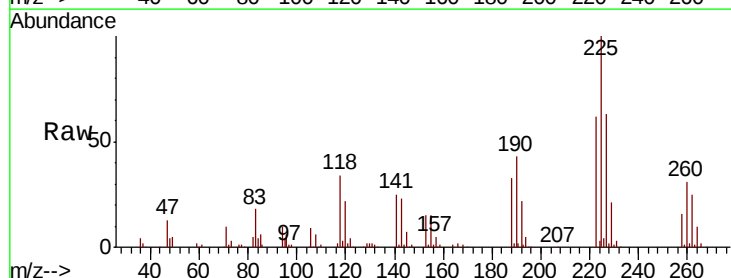


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

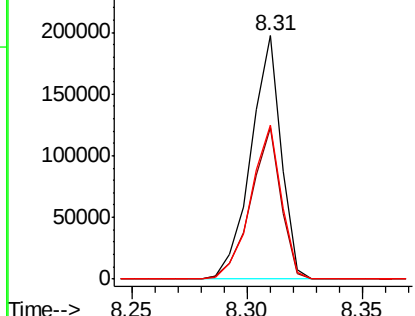
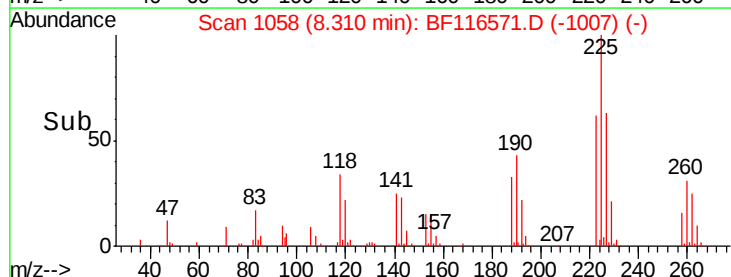


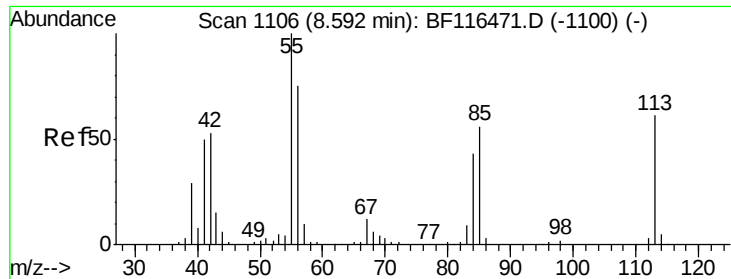
#34
Hexachlorobutadiene
Concen: 38.890 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		180068		
223	62.4	50.3	75.5		
227	63.2	51.0	76.4		



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





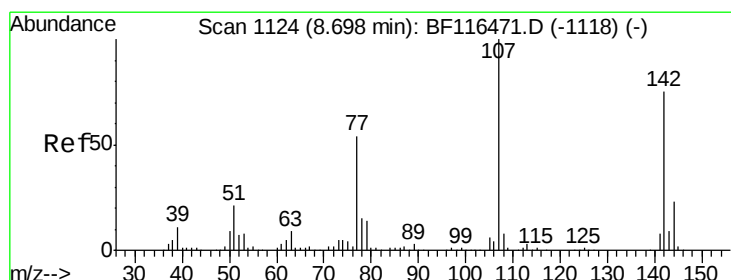
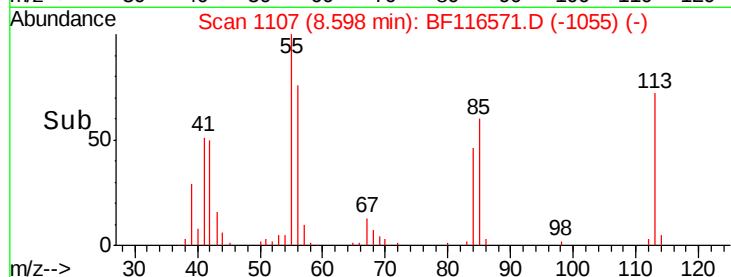
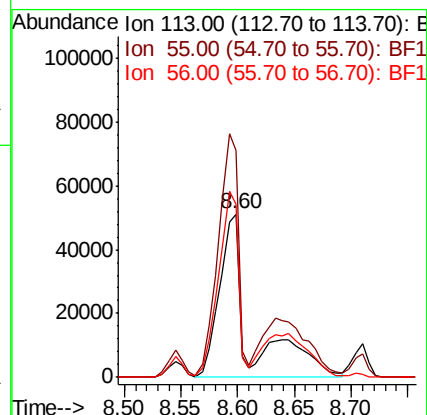
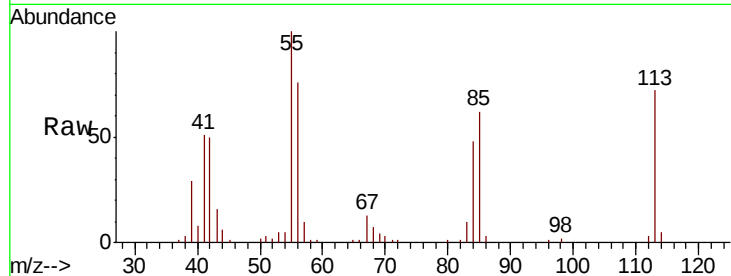
#35
Caprolactam
Concen: 36.373 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleID :
PB122482BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.0	143.6	183.6#
56	106.2	102.3	142.3

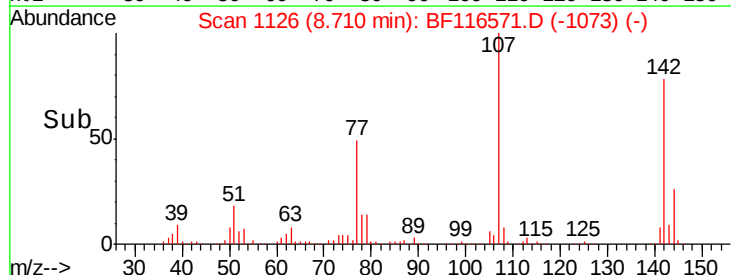
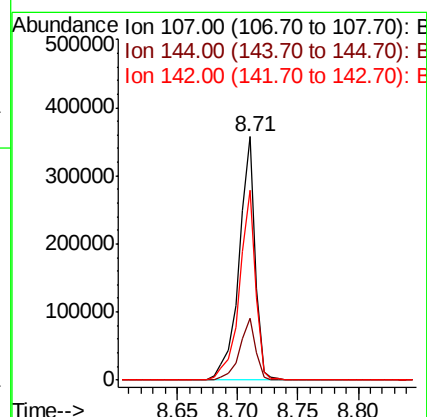
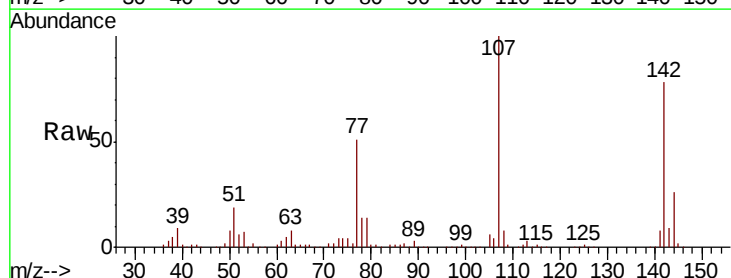
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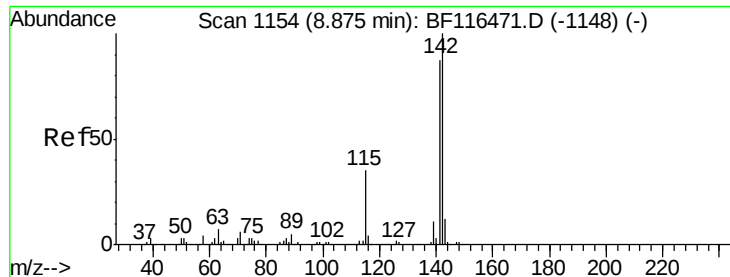
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#36
4-Chloro-3-methylphenol
Concen: 39.198 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	18.8	28.2
142	78.2	59.8	89.6





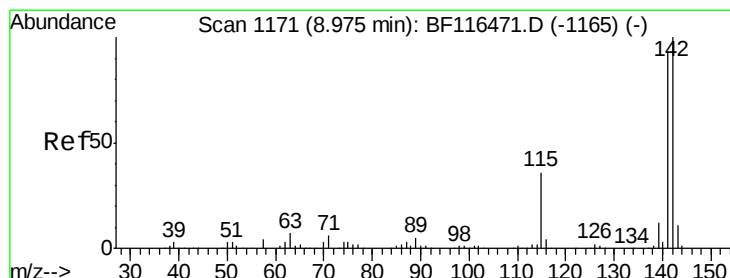
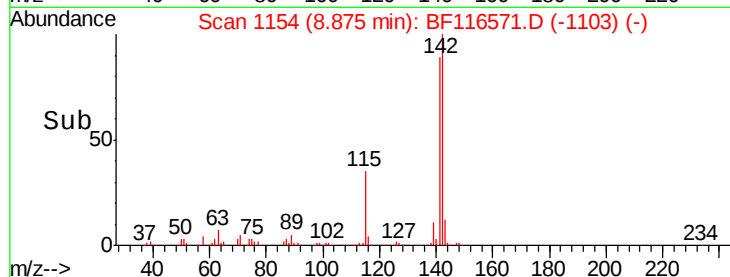
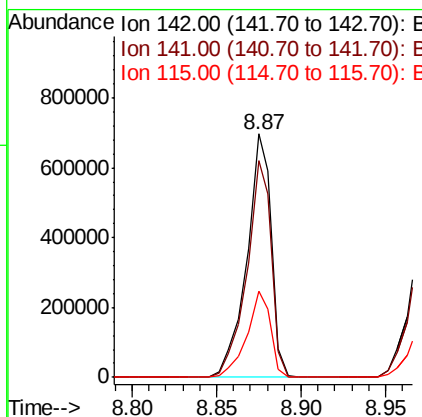
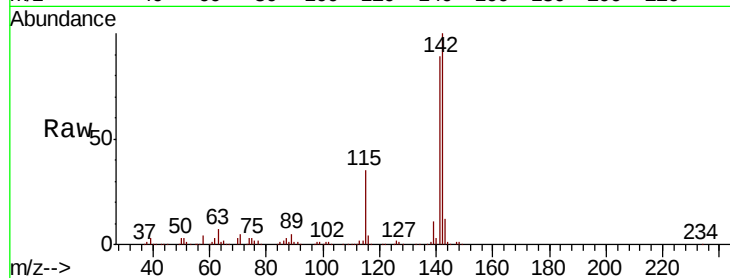
#37
2-Methylnaphthalene
Concen: 38.787 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	69.8	104.6
115	35.3	27.7	41.5

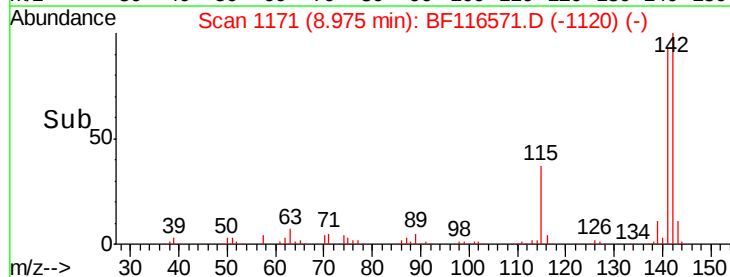
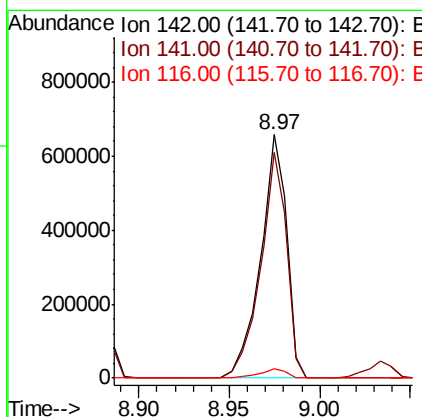
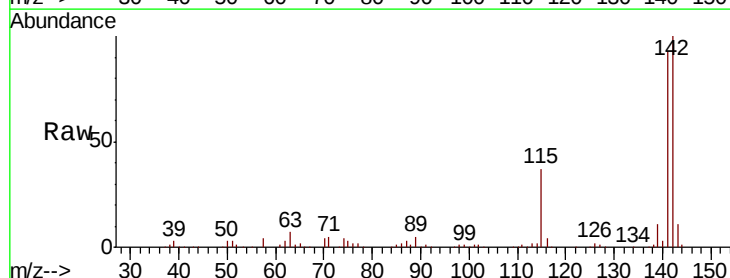
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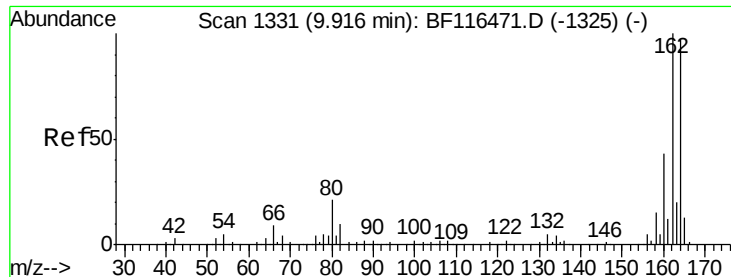
Jagrut
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#38
1-Methylnaphthalene
Concen: 38.756 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.2
116	3.8	2.9	4.3





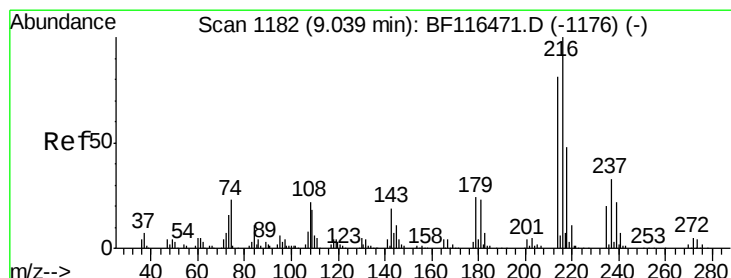
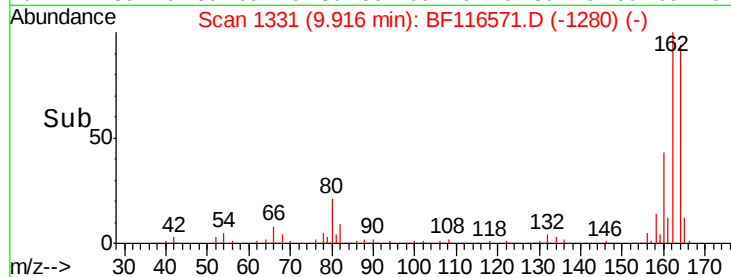
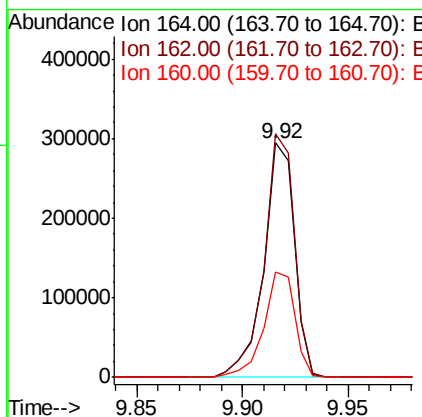
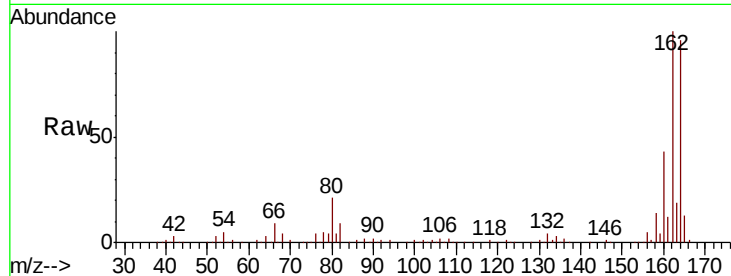
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	45.1	35.8	53.8

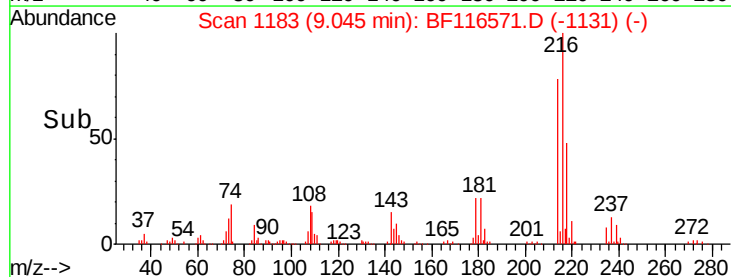
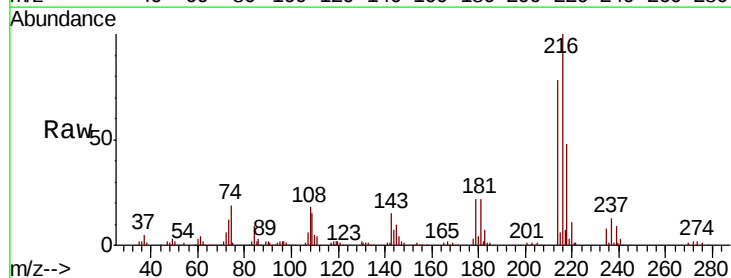
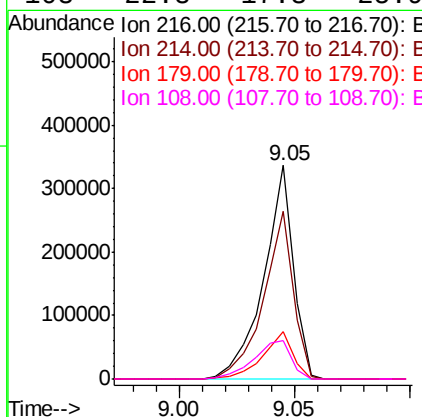
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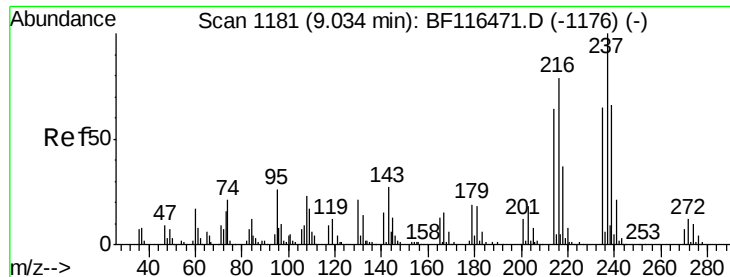
Jagrut
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.257 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.8
179	22.8	18.5	27.7
108	22.8	17.3	25.9





#41

Hexachlorocyclopentadiene

Concen: 77.290 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

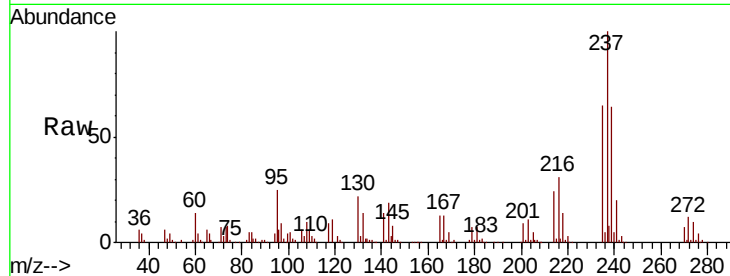
ClientSampleId :

PB122482BS

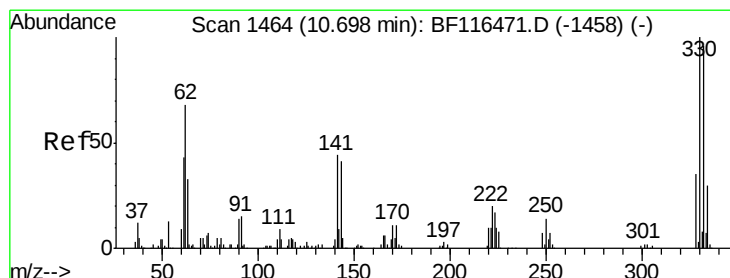
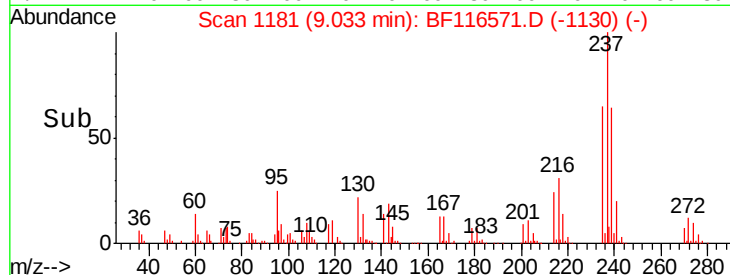
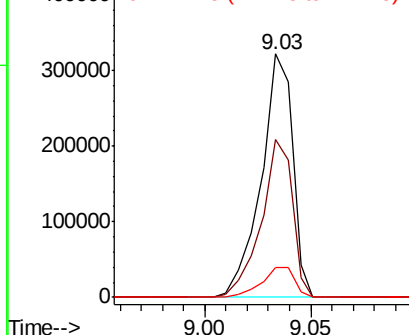
Tot Ion:	237	Resp:	335388
Ion Ratio	Lower	Upper	
237	100		
235	64.9	44.8	84.8
272	12.4	0.0	32.5

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



#42

2,4,6-Tribromophenol

Concen: 111.121 ng

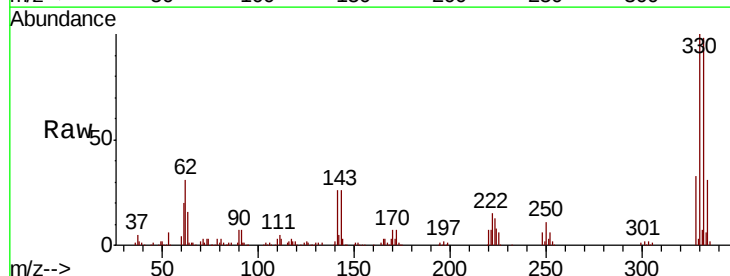
RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

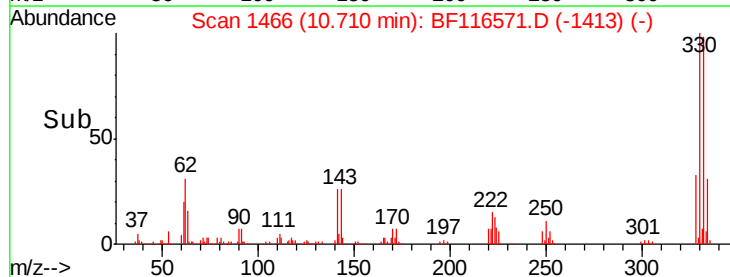
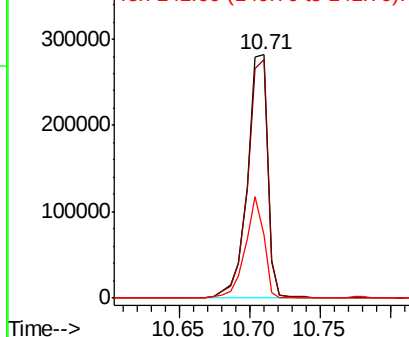
Lab File: BF116571.D

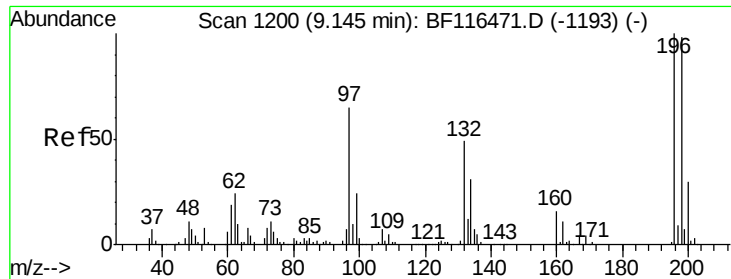
Acq: 26 Aug 2019 13:39

Tgt Ion:	330	Resp:	286036
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.2	115.8
141	38.1	33.3	49.9



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





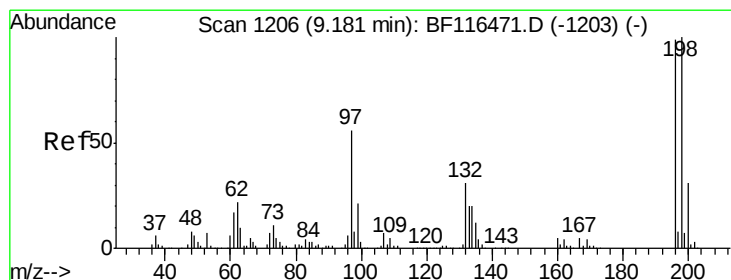
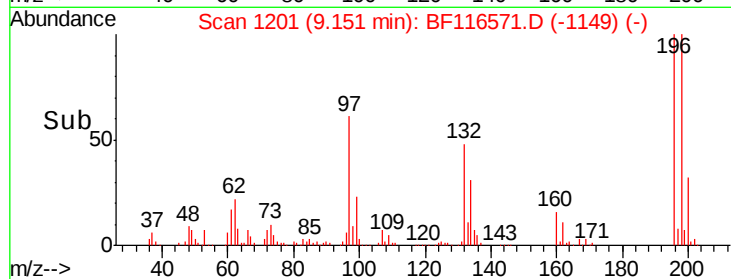
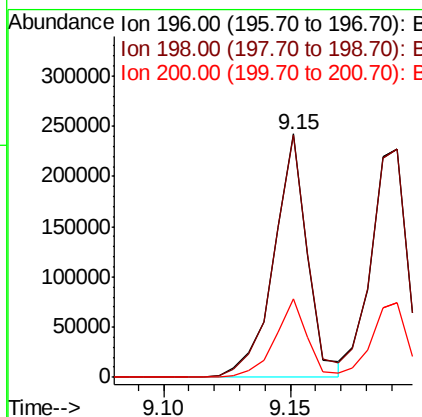
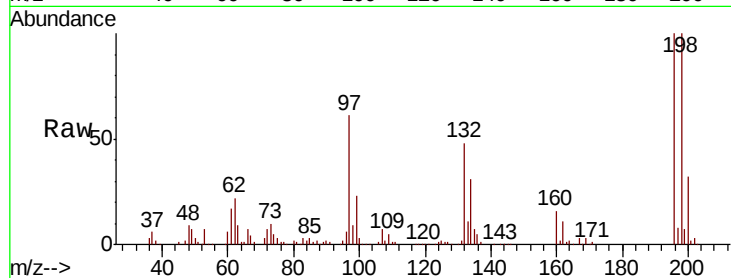
#43
 2,4,6-Trichlorophenol
 Concen: 39.840 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224886		
198	99.6	78.0	117.0	
200	32.4	24.2	36.2	

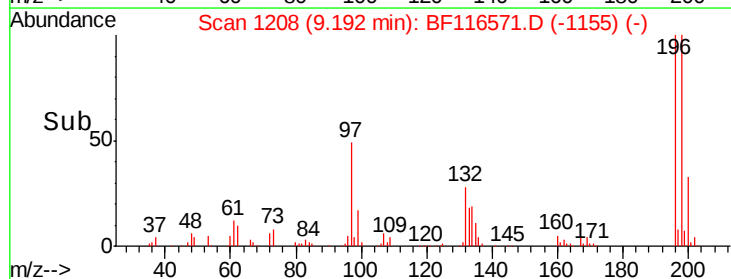
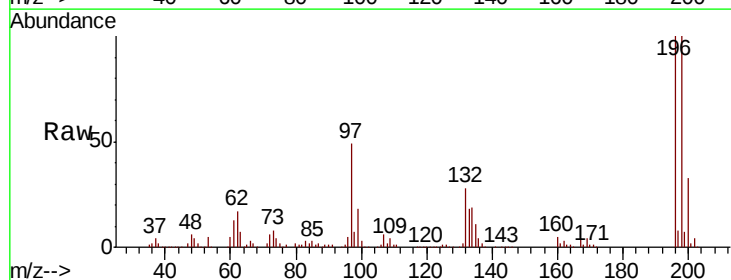
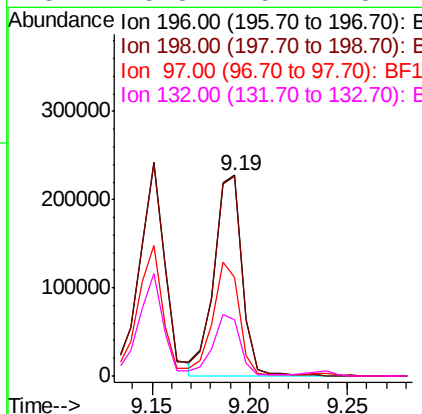
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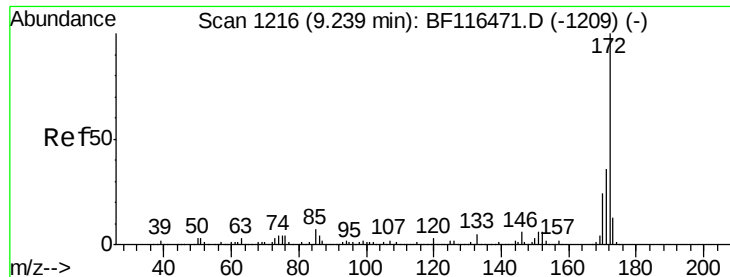
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 8/27/2019 10:30:27 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.323 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225849		
198	99.6	80.8	121.2	
97	48.9	45.7	68.5	
132	28.3	25.1	37.7	





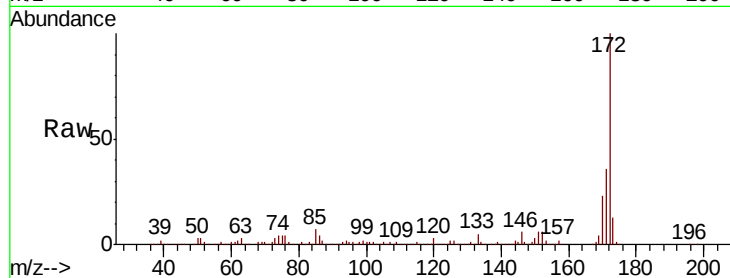
#45
2-Fluorobiphenyl
Concen: 61.061 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	23.5	19.4	29.0

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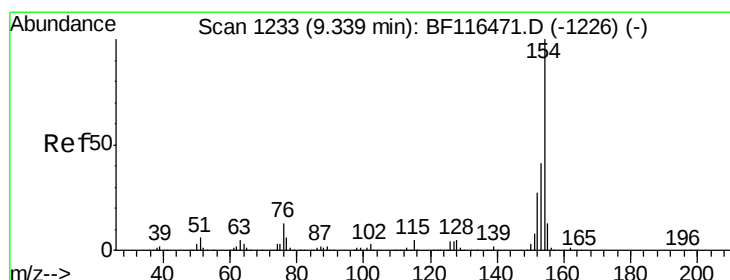
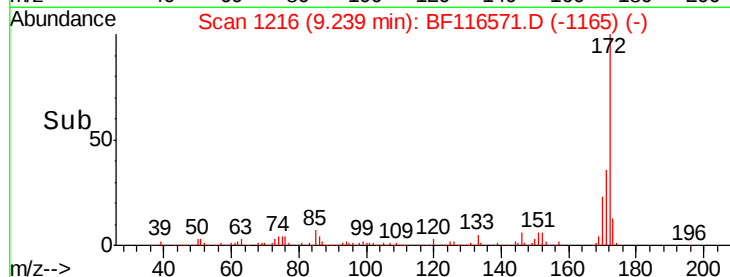
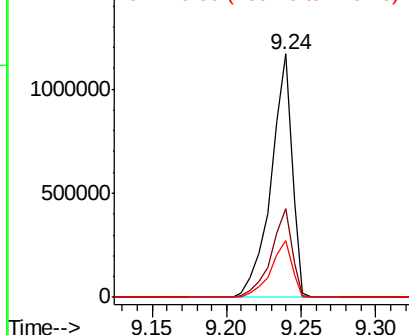


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.654 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

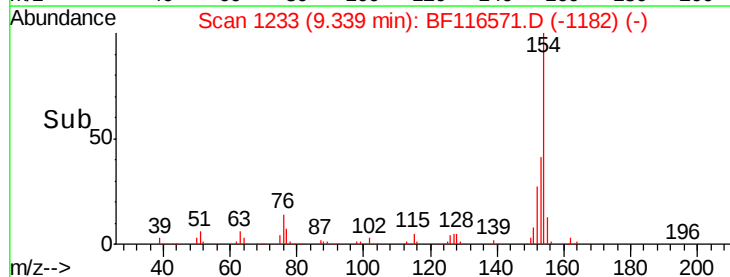
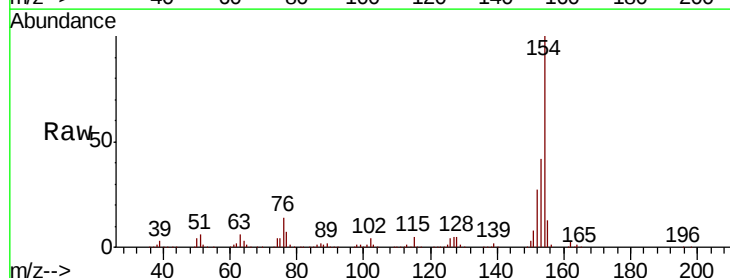
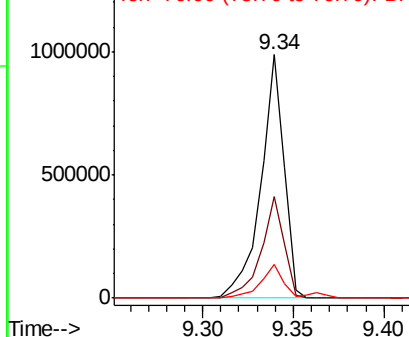
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.6	0.0	32.9

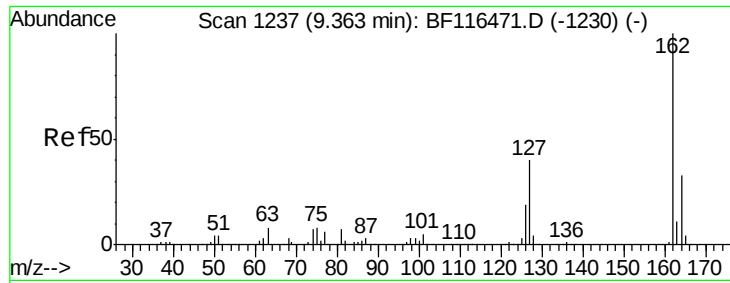
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





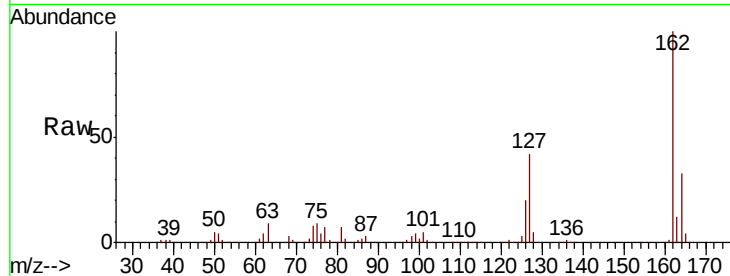
#47
 2-Chloronaphthalene
 Concen: 36.326 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

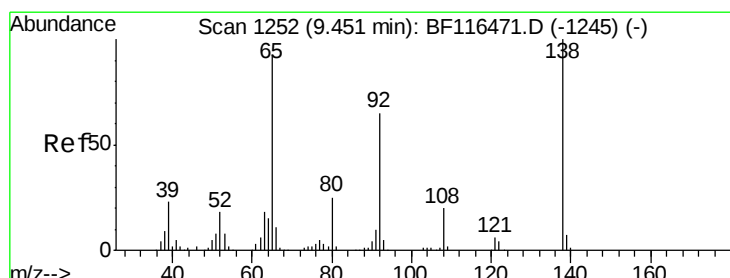
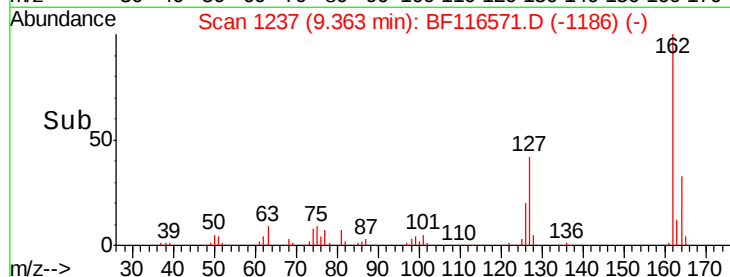
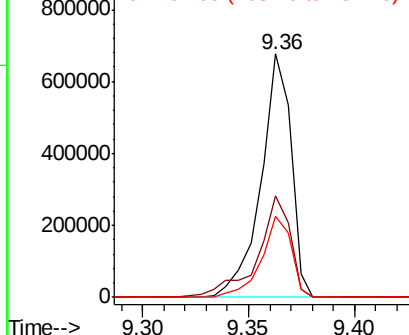
Tot Ion	Ratio	Resp	Lower	Upper
162	100	674963		
127	41.7	32.5	48.7	
164	33.2	26.7	40.1	

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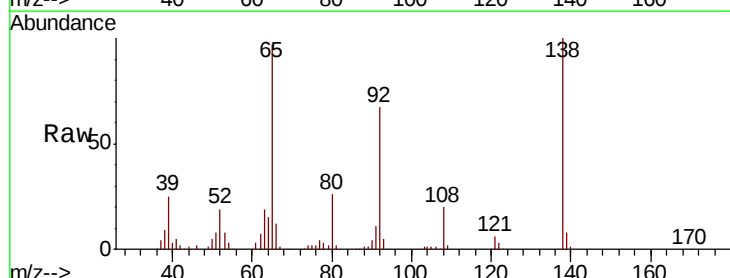


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

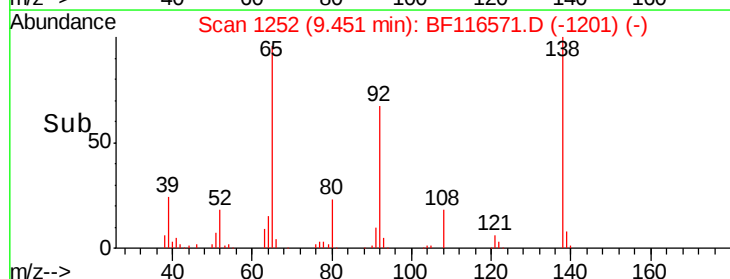
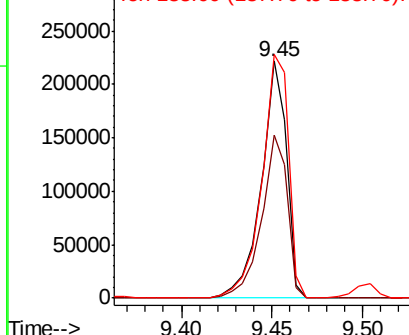


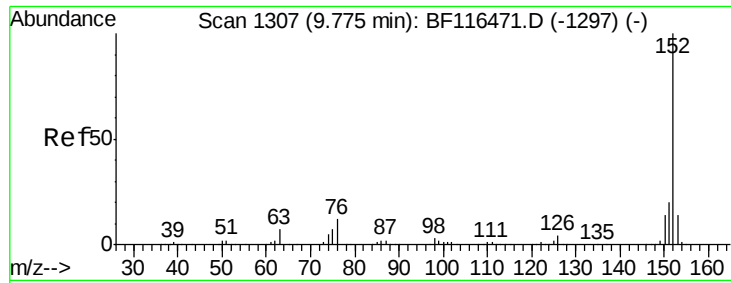
#48
 2-Nitroaniline
 Concen: 37.739 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	214706		
92	68.8	56.2	84.2	
138	102.8	86.0	129.0	



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





#49

Acenaphthylene

Concen: 38.602 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

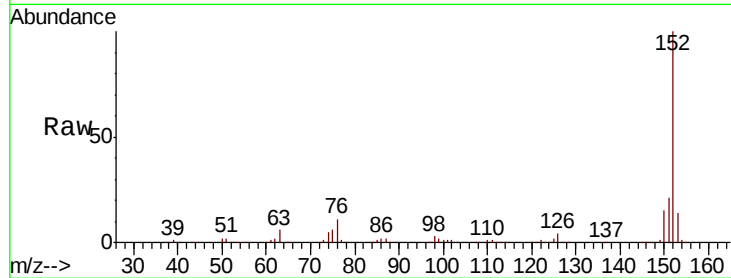
ClientSampleId :

PB122482BS

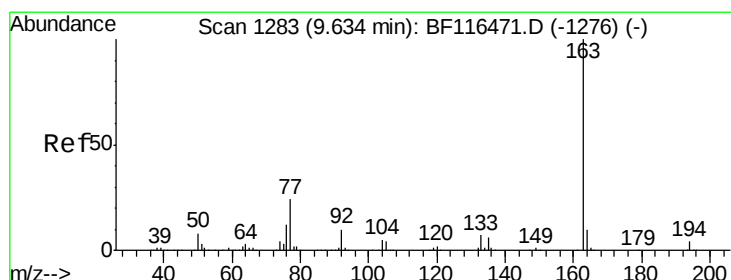
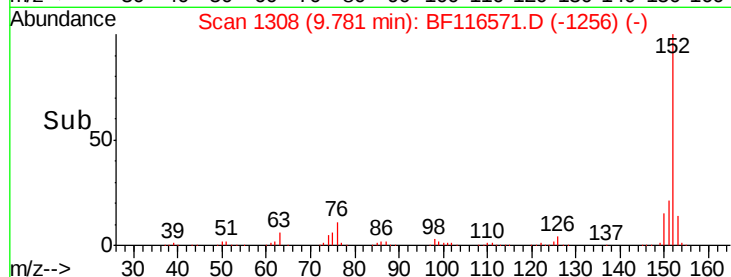
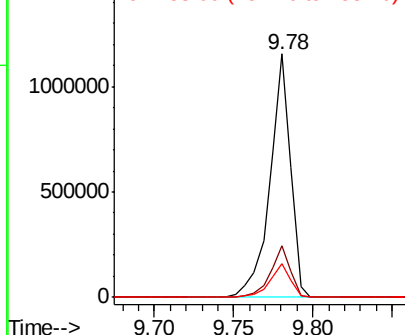
Tot Ion:	152	Resp:	1049381
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.1	24.1
153	13.8	11.4	17.0

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



#50

Dimethylphthalate

Concen: 37.689 ng

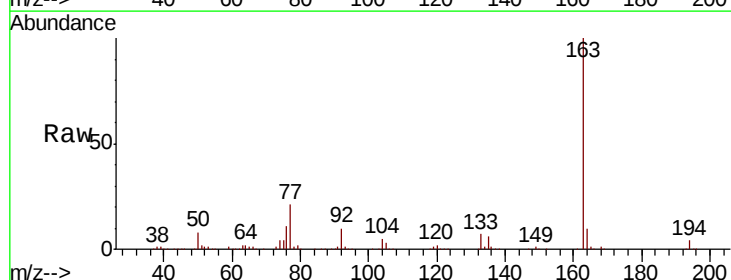
RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

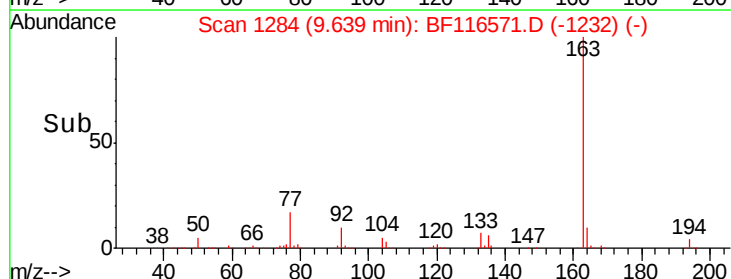
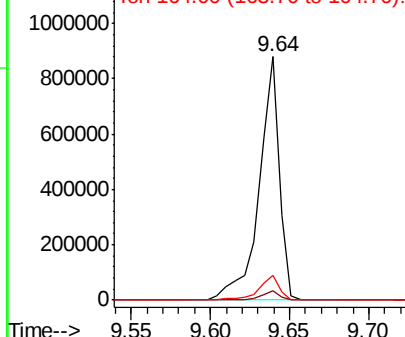
Lab File: BF116571.D

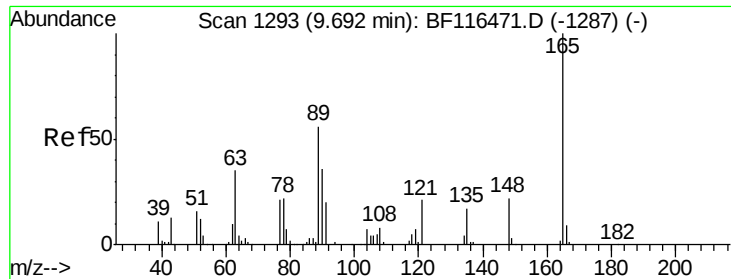
Acq: 26 Aug 2019 13:39

Tgt Ion:	163	Resp:	788281
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.2	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





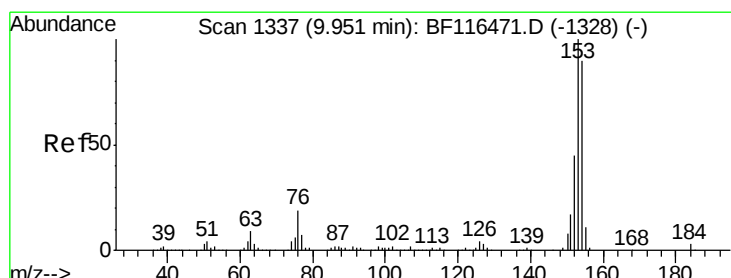
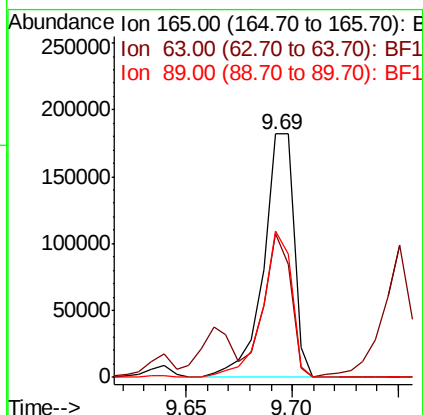
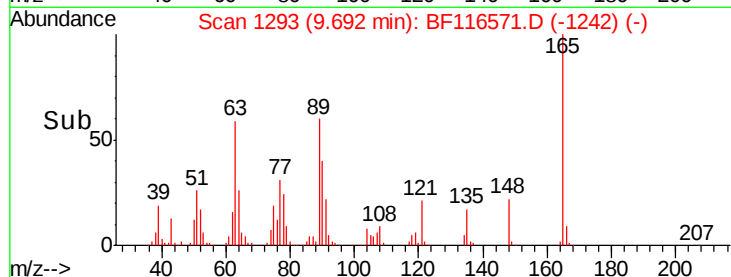
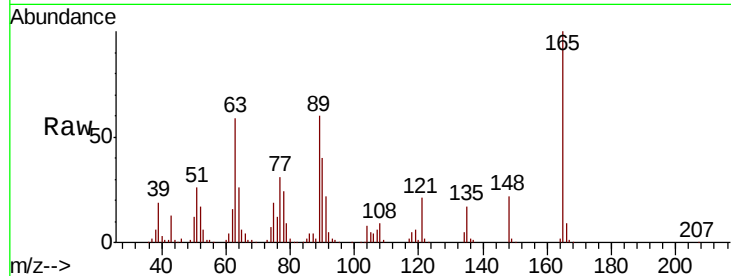
#51
 2,6-Dinitrotoluene
 Concen: 42.800 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :
 PB122482BS

Tot Ion:	165	Resp:	183228
Ion Ratio	Lower	Upper	
165	100		
63	59.3	43.7	65.5
89	60.3	45.1	67.7

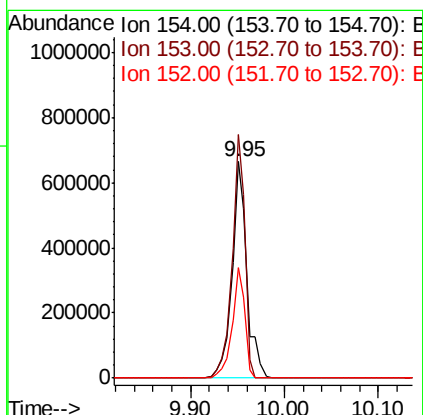
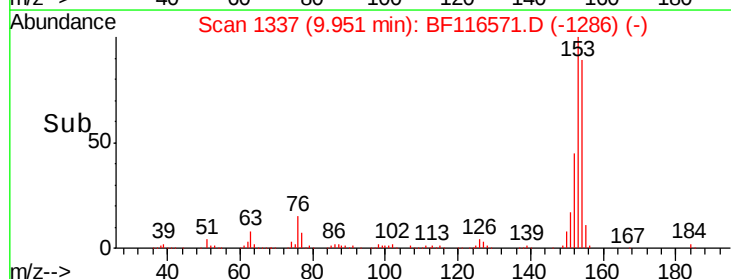
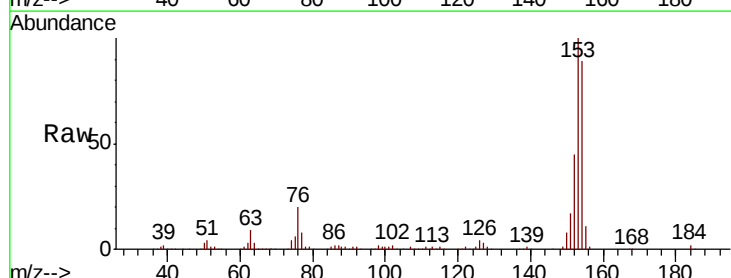
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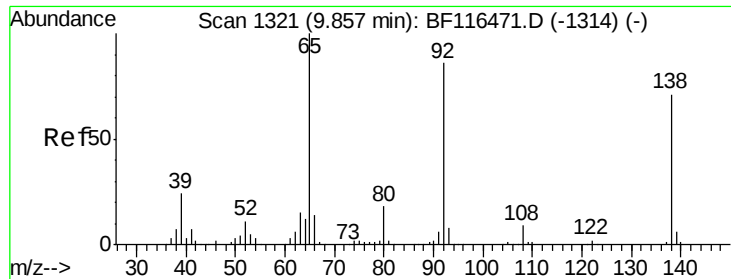
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#52
 Acenaphthene
 Concen: 41.712 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:	154	Resp:	727609
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.3	133.9
152	50.9	40.2	60.4





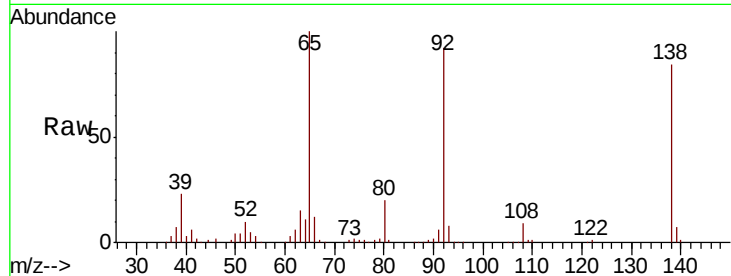
#53
3-Nitroaniline
Concen: 27.439 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	10.0	15.0
92	110.2	97.7	146.5

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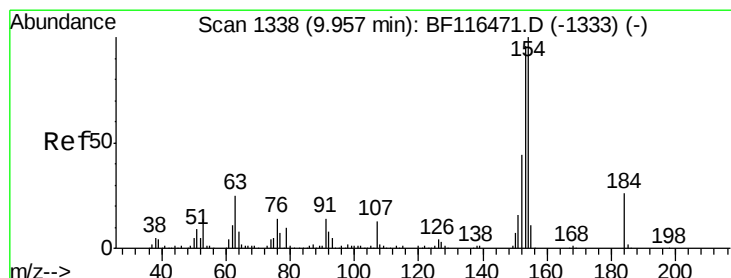
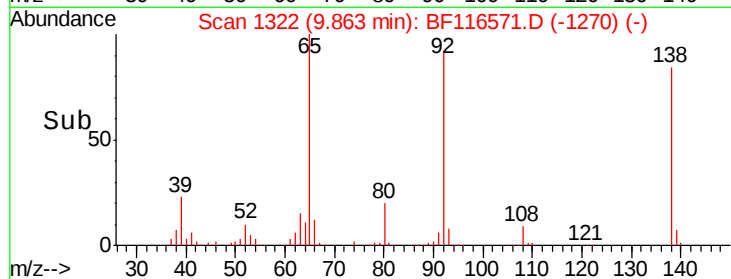
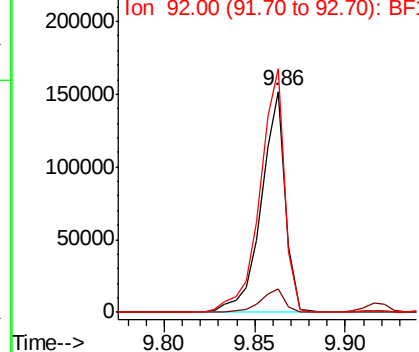


Abundance

Ion 138.00 (137.70 to 138.70): E

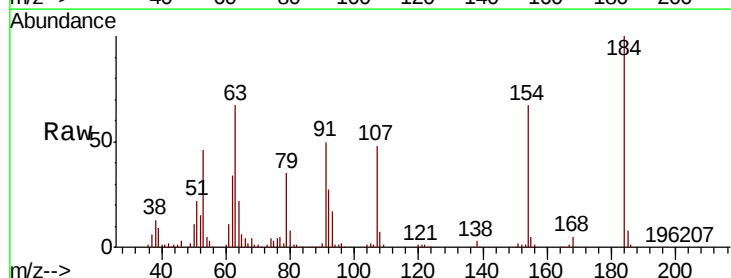
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 95.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.0	78.2	117.4#
154	67.3	320.4	480.6#

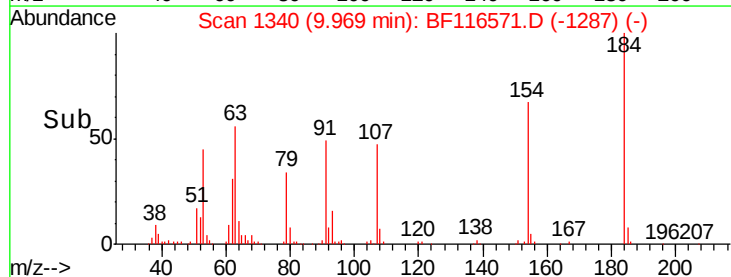
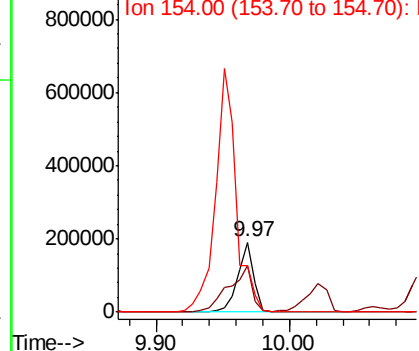


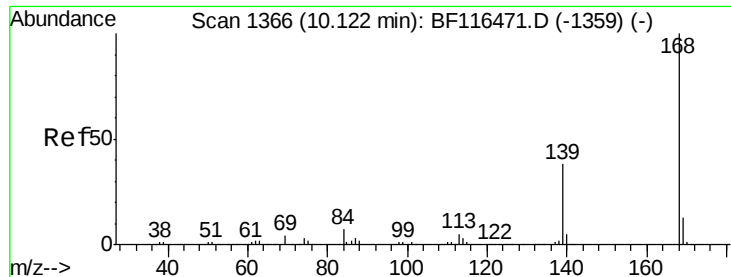
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





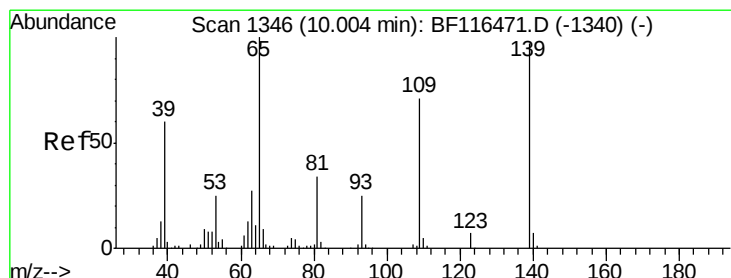
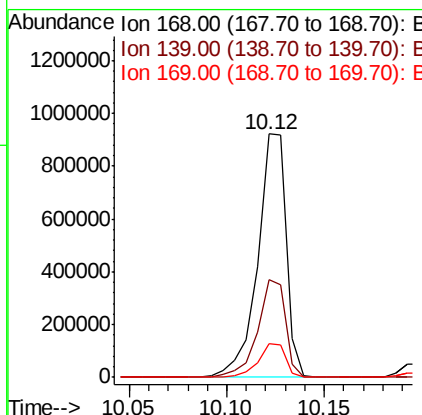
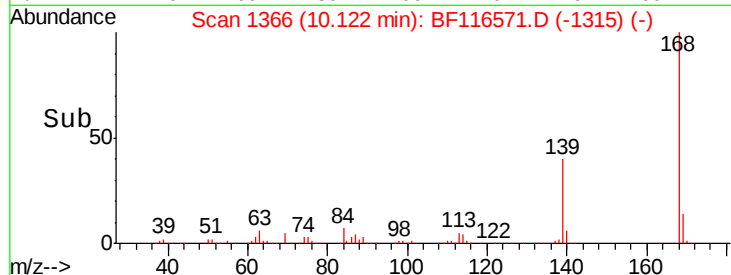
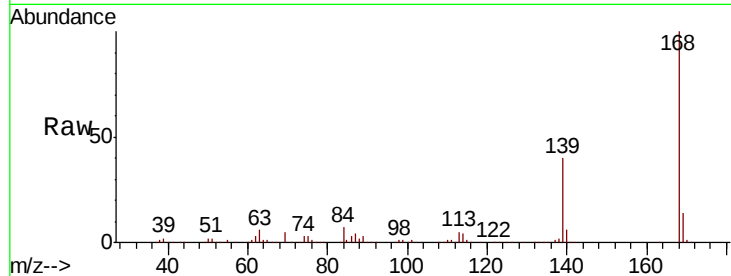
#55
Dibenzenofuran
Concen: 38.469 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion:168	Resp: 935401
Ion Ratio	Lower Upper
168 100	
139 40.3	30.7 46.1
169 13.8	10.7 16.1

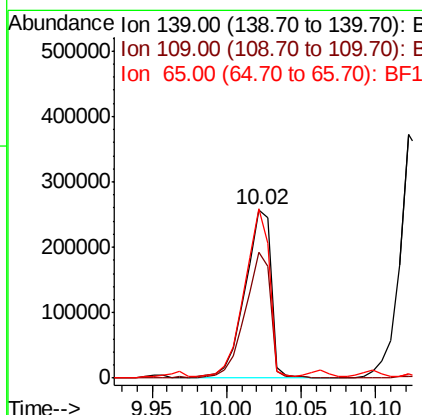
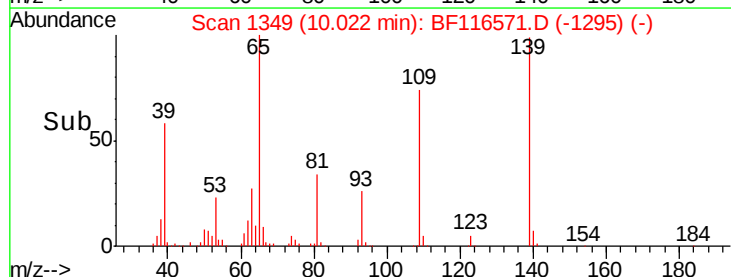
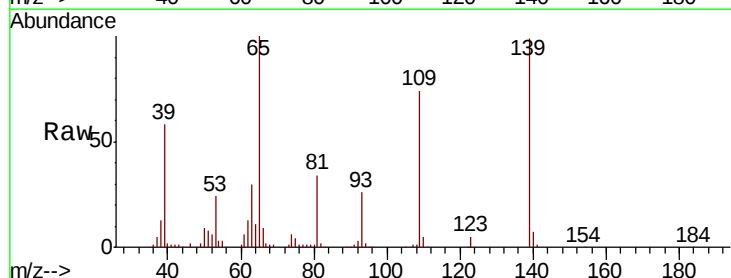
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#56
4-Nitrophenol
Concen: 78.148 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion:139	Resp: 309965
Ion Ratio	Lower Upper
139 100	
109 74.8	53.4 93.4
65 101.1	83.0 123.0





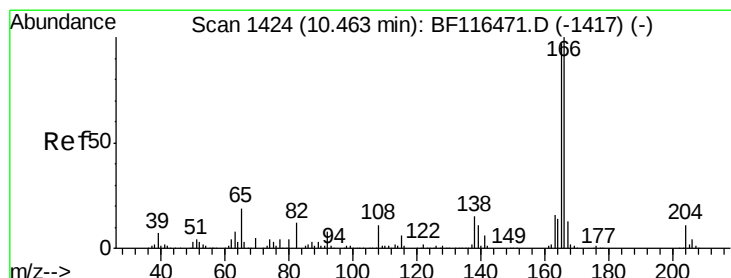
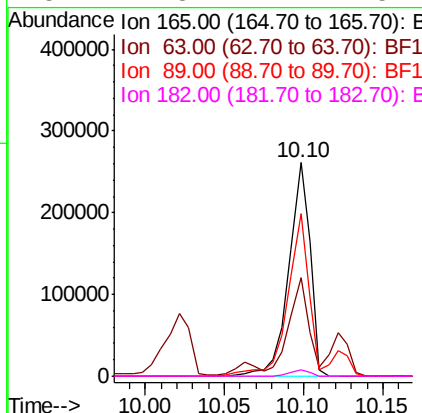
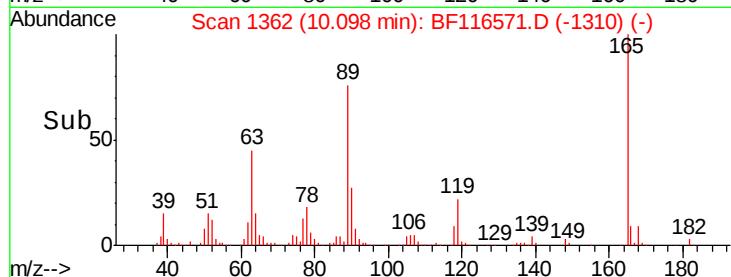
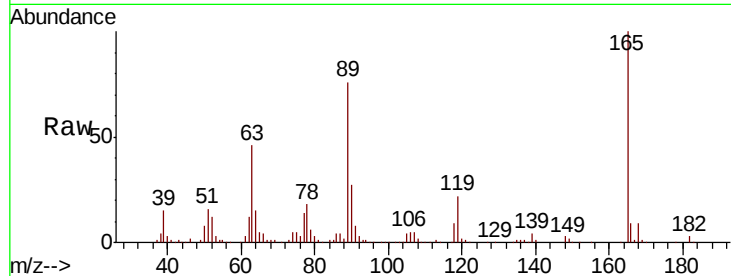
#57
2,4-Dinitrotoluene
Concen: 44.692 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	243459		
63	45.9	36.9	55.3	
89	76.3	63.4	95.0	
182	2.8	2.1	3.1	

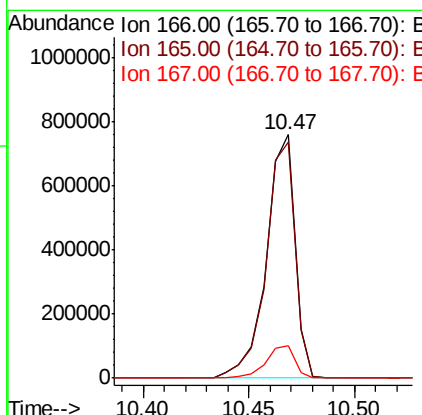
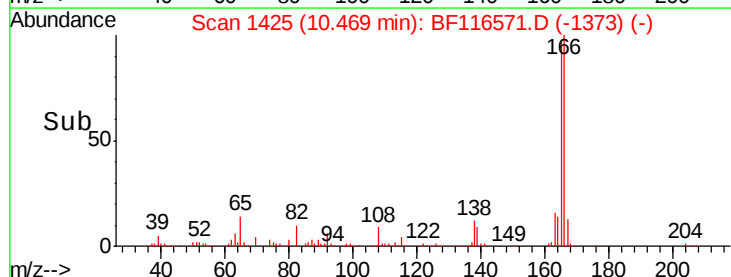
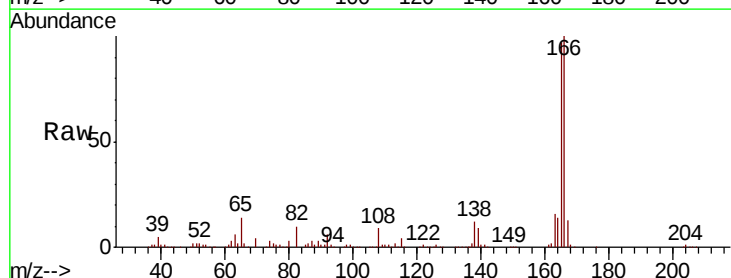
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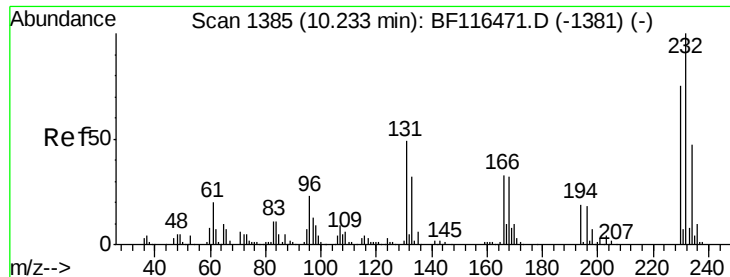
Jagrut
8/27/2019 10:30:27 AM



#58
Fluorene
Concen: 38.158 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	720885		
165	97.2	77.4	116.0	
167	13.1	10.8	16.2	





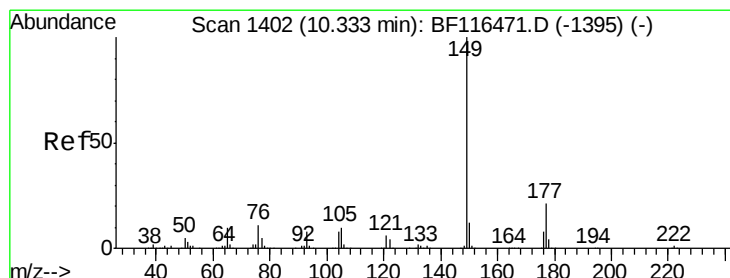
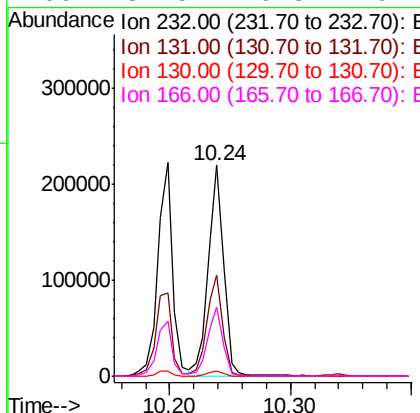
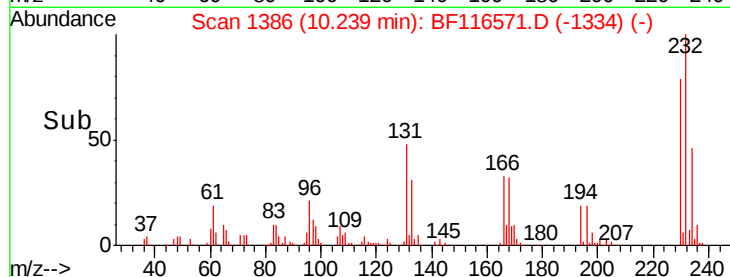
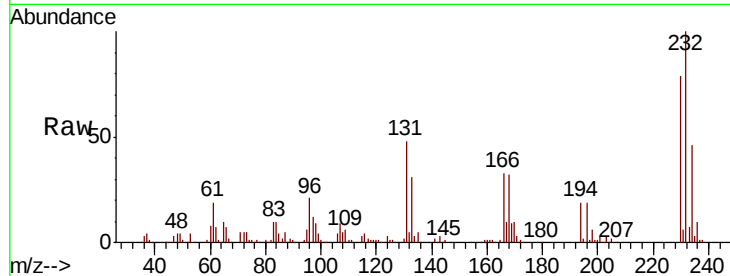
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.065 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	193660		
131	48.0		40.8	61.2
130	2.4		1.8	2.8
166	32.5		26.8	40.2

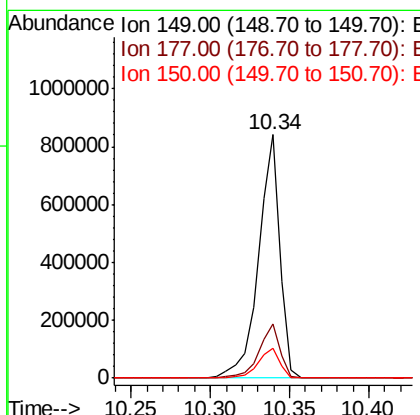
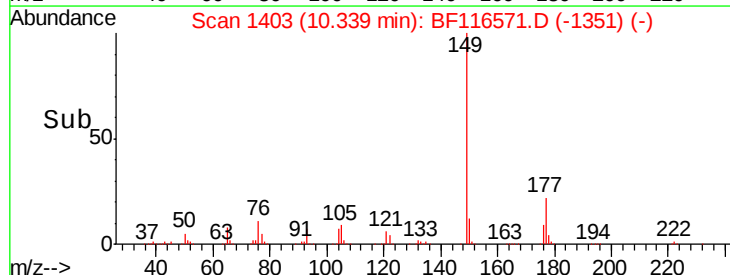
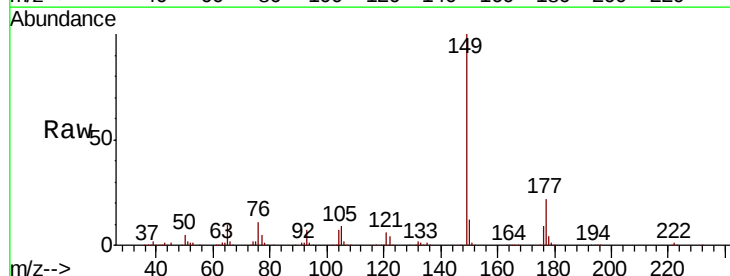
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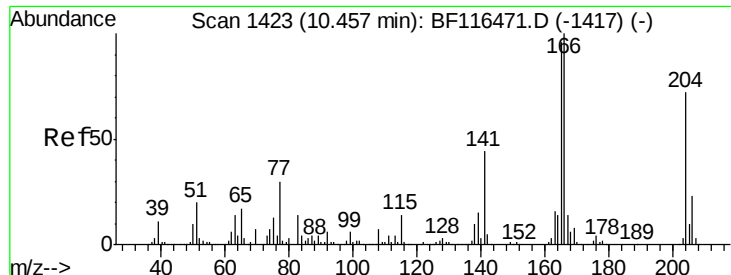
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#60
 Diethylphthalate
 Concen: 38.417 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	789744		
177	22.2		17.1	25.7
150	12.2		9.8	14.6





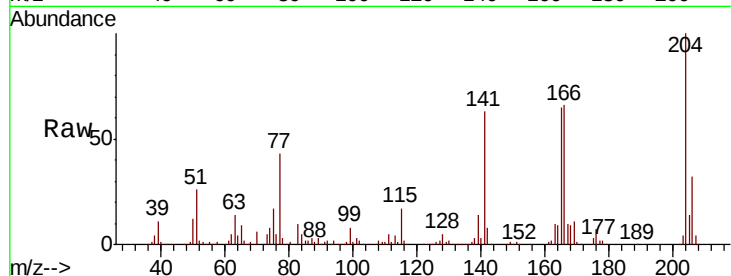
#61
 4-Chlorophenyl-phenylether
 Concen: 38.239 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

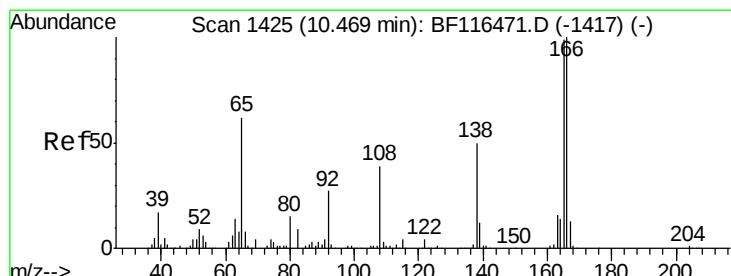
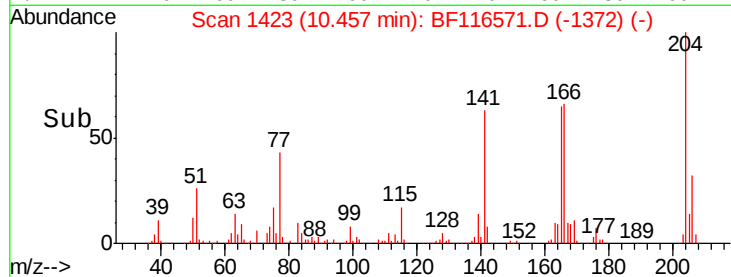
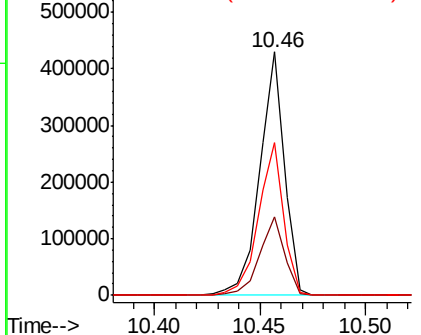
Tot Ion:	204	Resp:	352428
Ion Ratio	Lower	Upper	
204	100		
206	32.4	25.9	38.9
141	62.6	48.6	73.0

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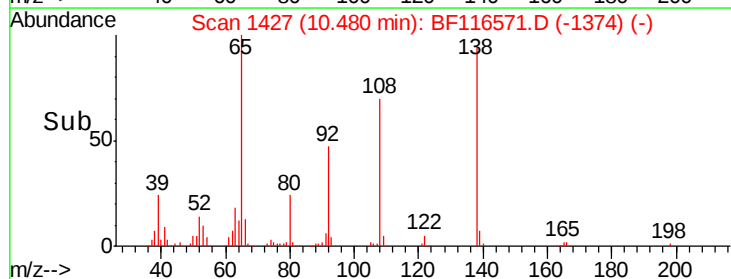
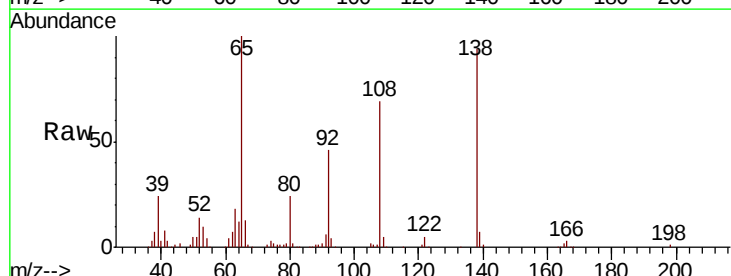
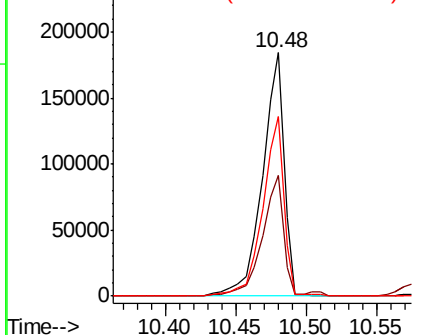
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.245 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion:	138	Resp:	200859
Ion Ratio	Lower	Upper	
138	100		
92	49.5	34.9	74.9
108	74.0	57.7	97.7

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





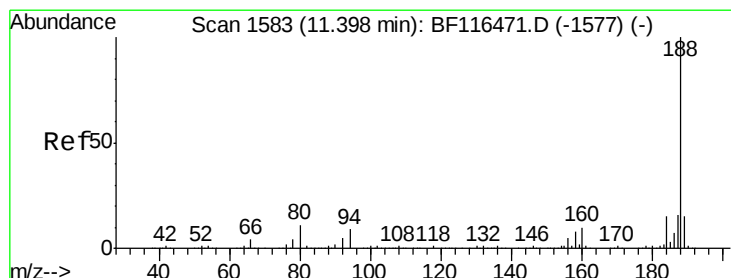
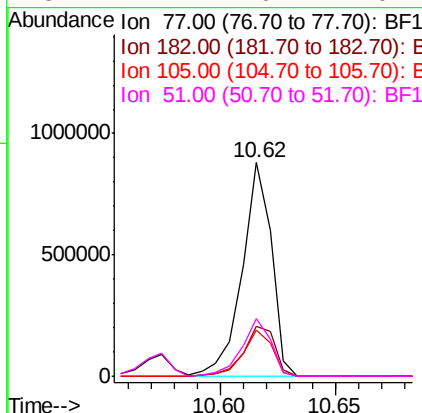
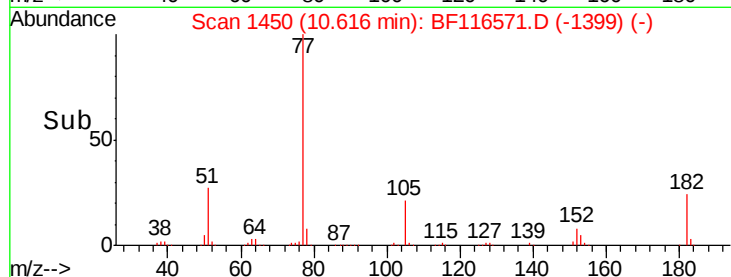
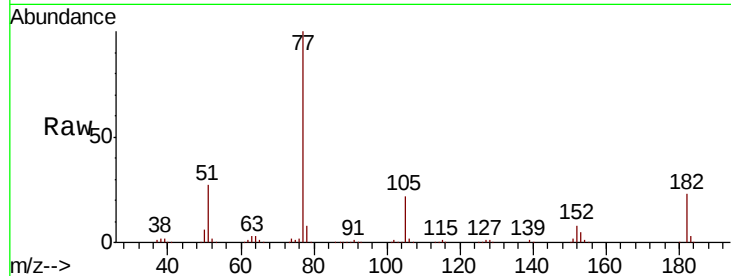
#63
Azobenzene
Concen: 37.212 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		786538		
182	23.5	5.4	45.4		
105	21.6	1.6	41.6		
51	27.2	6.2	46.2		

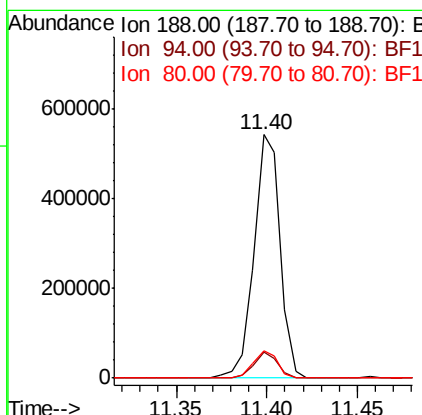
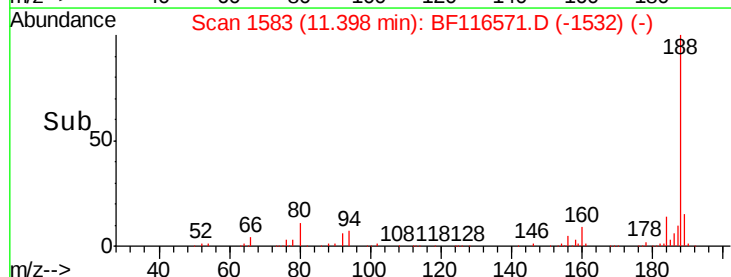
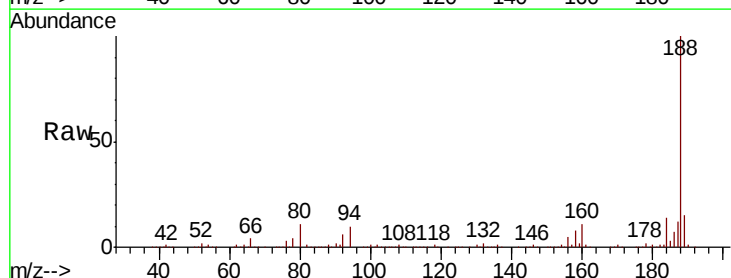
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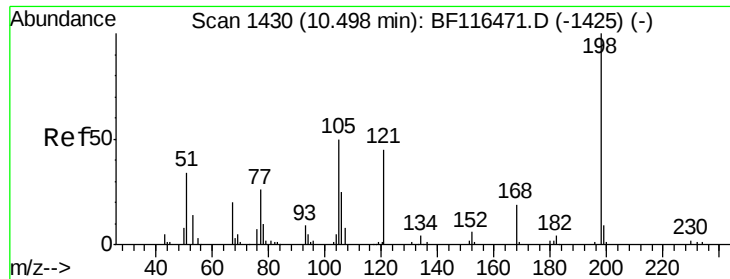
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		541814		
94	10.5	7.4	11.2		
80	11.4	8.6	12.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 52.538 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

Tot Ion:198 Resp: 118446

Ion Ratio Lower Upper

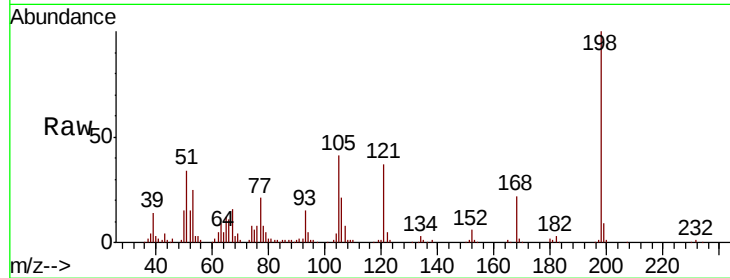
198 100

51 33.6 30.4 70.4

105 40.5 32.8 72.8

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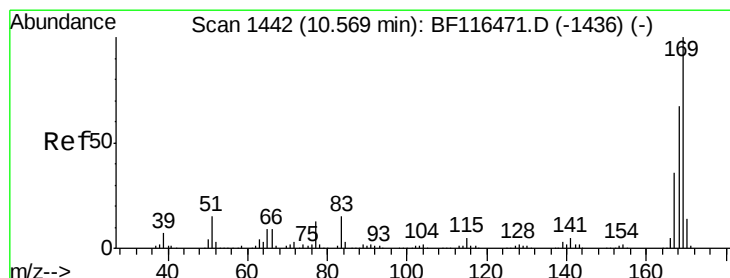
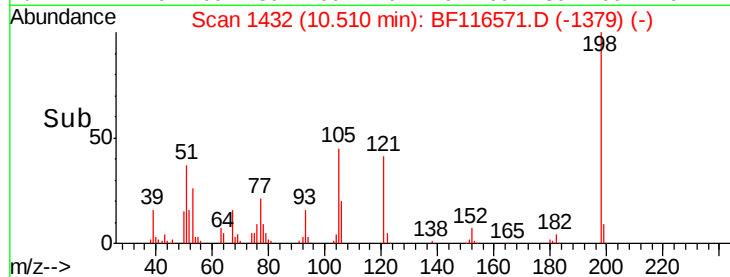
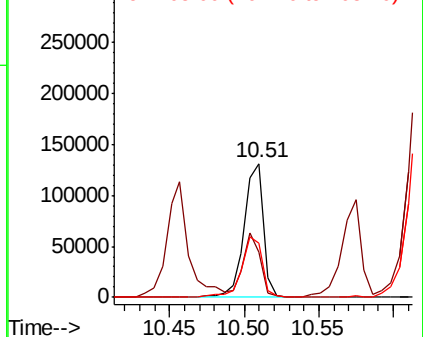
Jagrut
8/27/2019 10:30:27 AM



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: 37.586 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

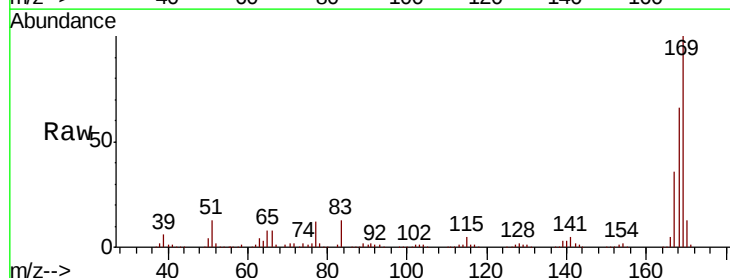
Tgt Ion:169 Resp: 659398

Ion Ratio Lower Upper

169 100

168 65.8 53.6 80.4

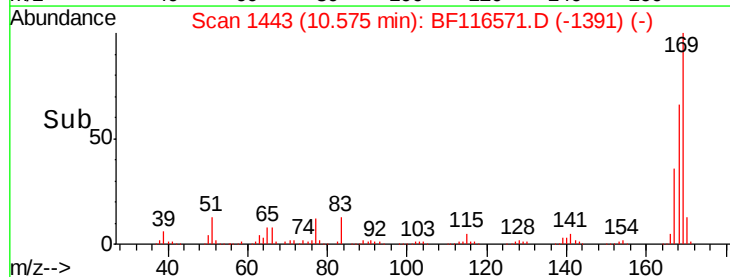
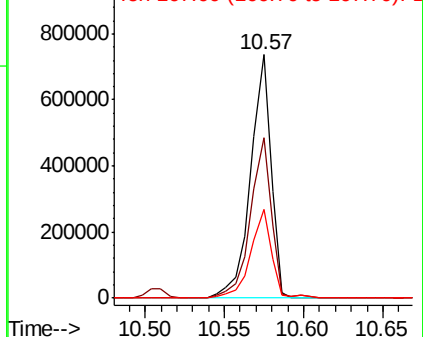
167 36.3 28.7 43.1

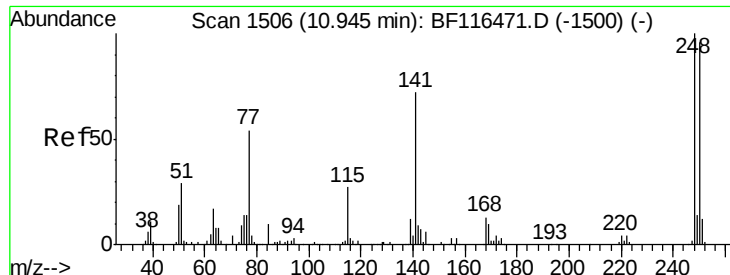


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





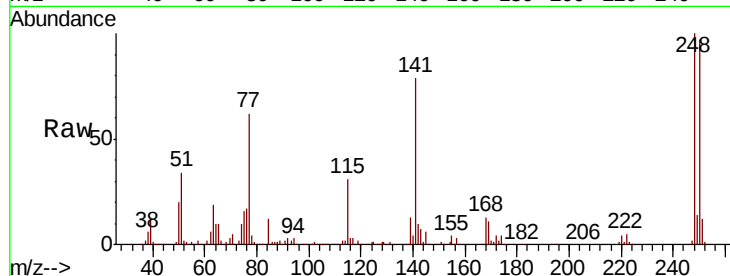
#67
4-Bromophenyl-phenylether
Concen: 38.137 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.0	115.6
141	78.5	57.4	86.0

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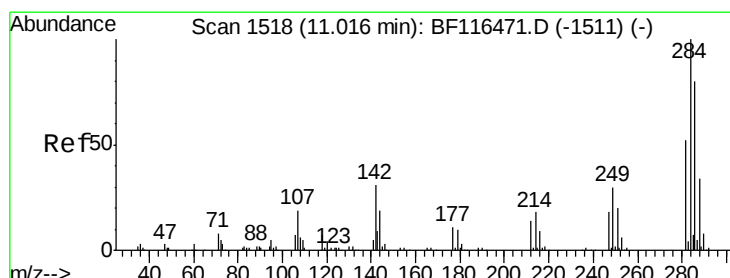
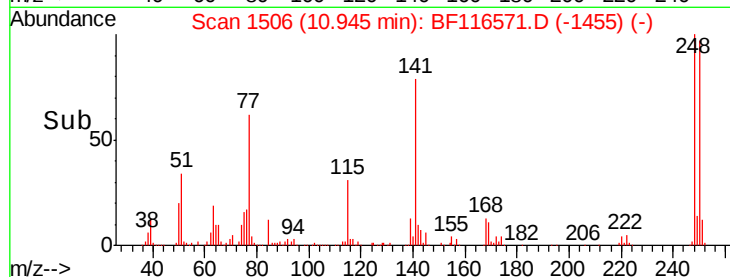
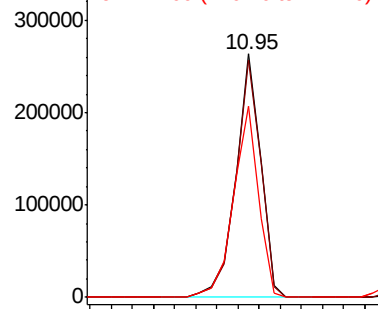


Abundance

Ion 248.00 (247.70 to 248.70): E

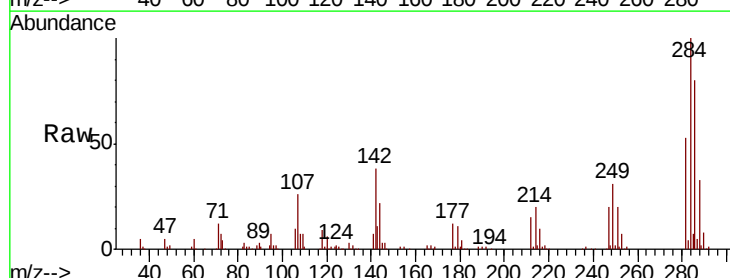
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.543 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.2	24.6	36.8#
249	31.2	24.1	36.1

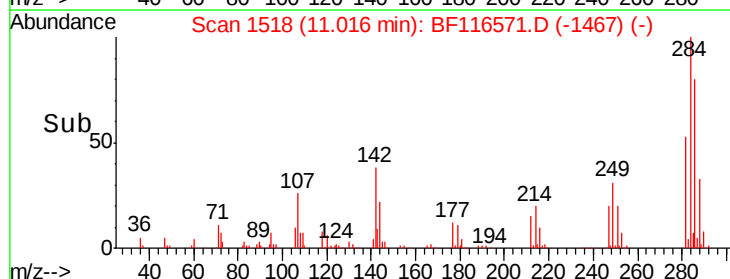
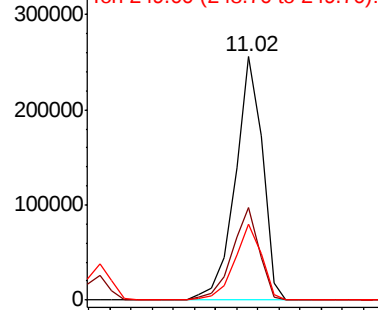


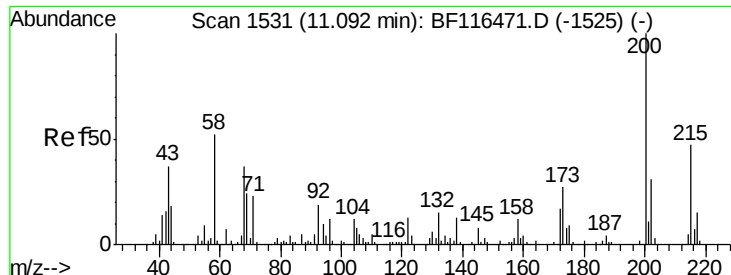
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





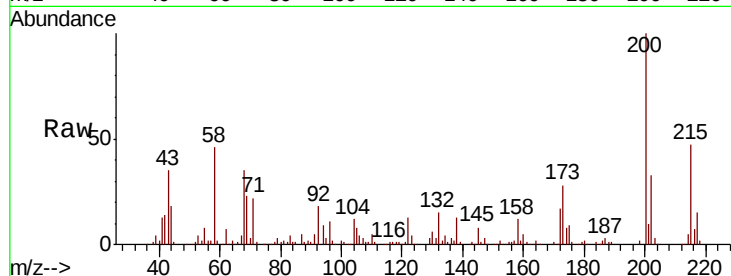
#69
Atrazine
Concen: 38.335 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.7	7.3	47.3
215	46.7	26.7	66.7

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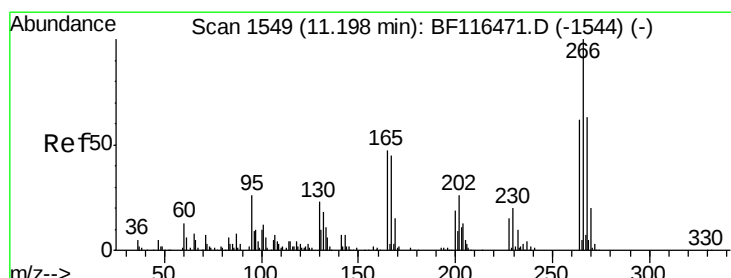
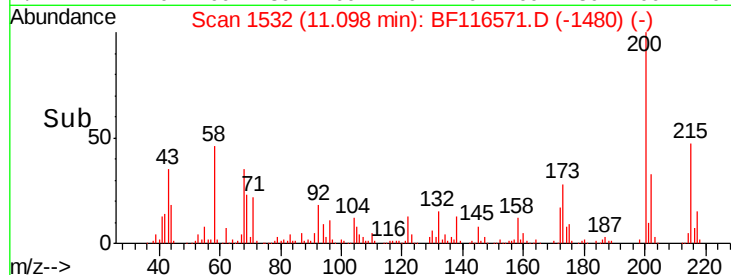
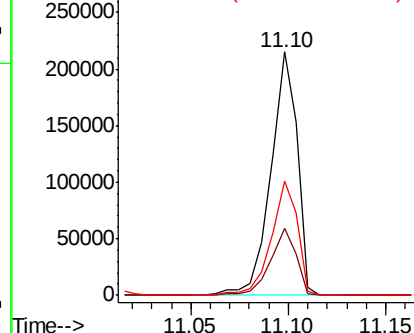


Abundance

Ion 200.00 (199.70 to 200.70): E

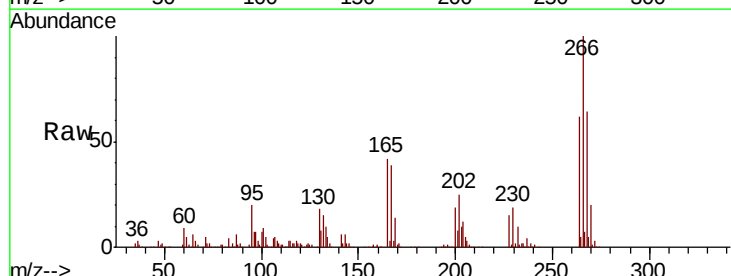
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 76.574 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.2	50.7	76.1
264	62.1	50.0	75.0

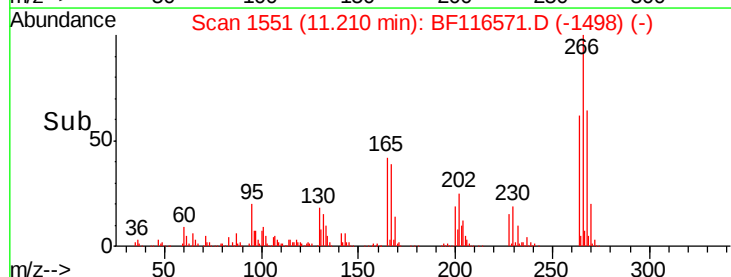
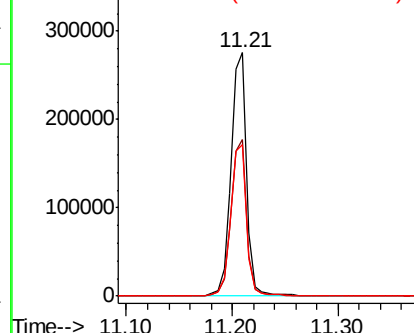


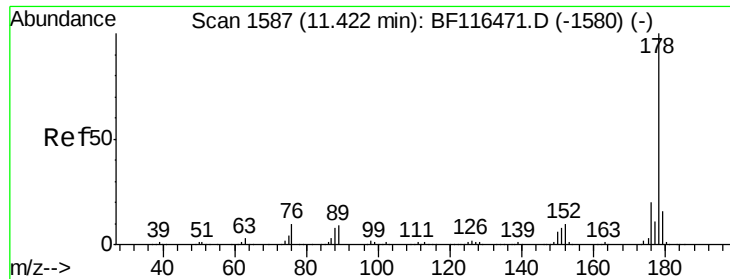
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.443 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

PB122482BS

Tot Ion:178 Resp: 1105172

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.9	12.8	19.2

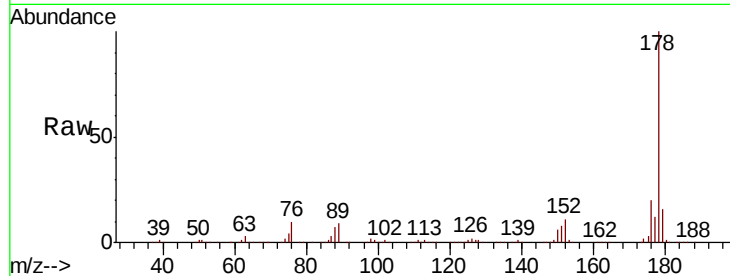
178 100

176 19.7 15.8 23.6

179 15.9 12.8 19.2

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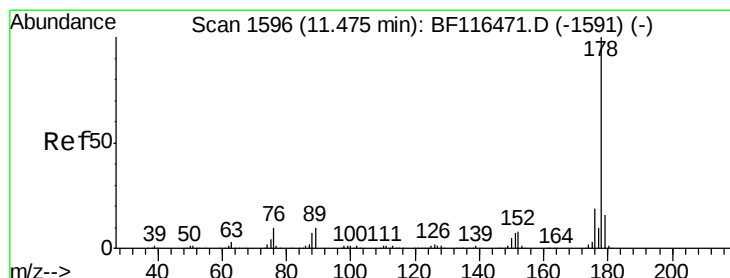
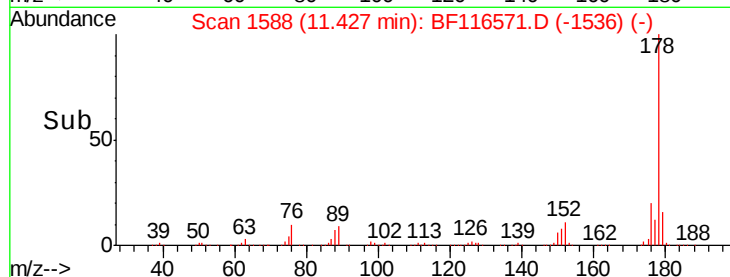
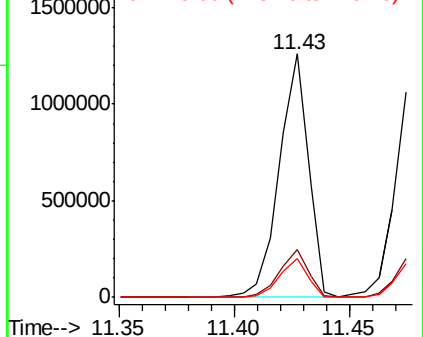


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.172 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF116571.D

Acq: 26 Aug 2019 13:39

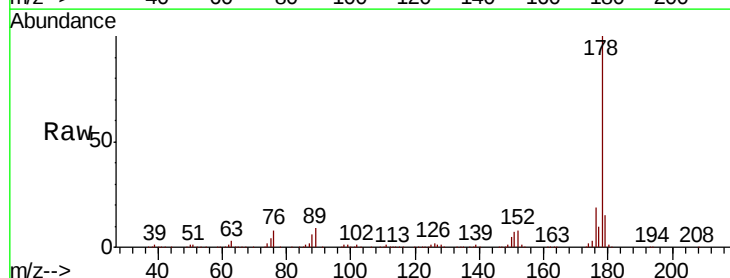
Tgt Ion:178 Resp: 1132147

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.3	12.5	18.7

178 100

176 18.8 15.2 22.8

179 15.3 12.5 18.7

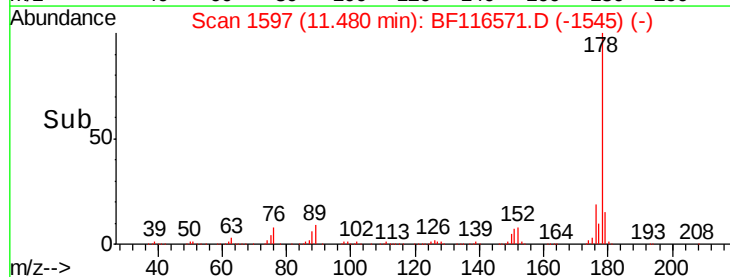
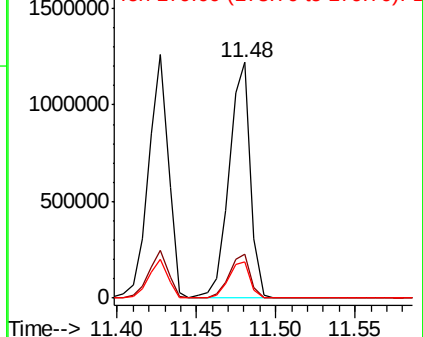


Abundance

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





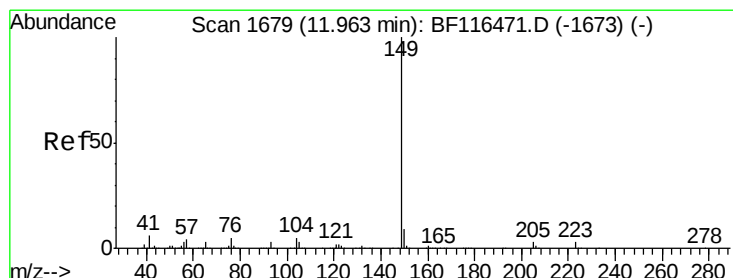
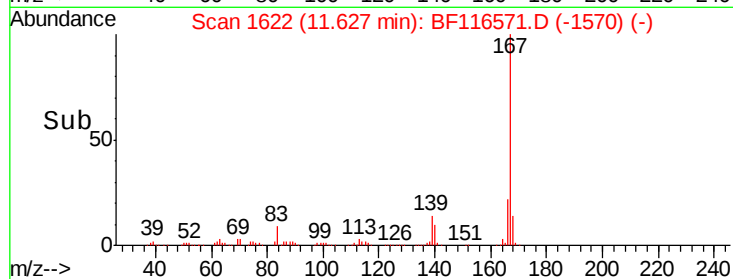
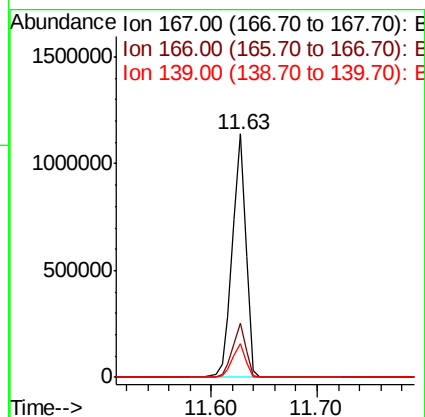
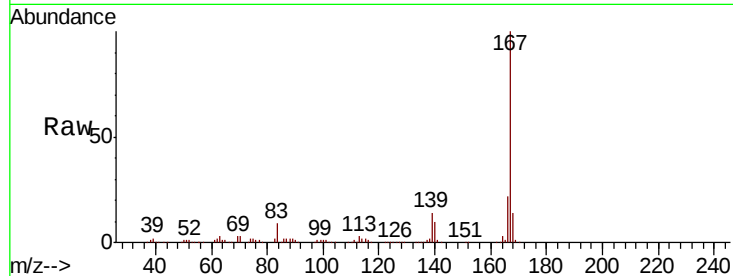
#73
 Carbazole
 Concen: 37.863 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.8	10.9	16.3

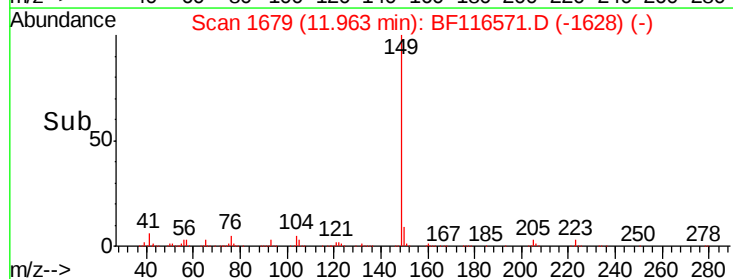
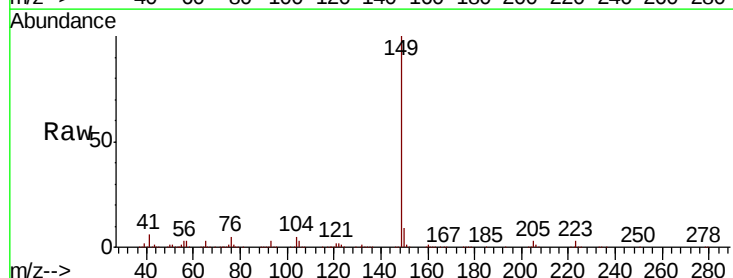
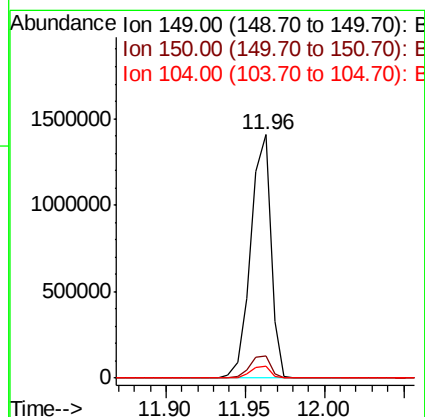
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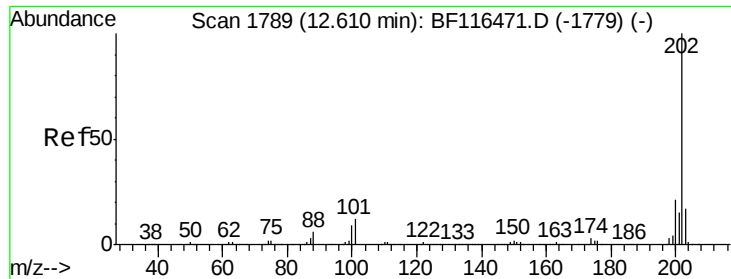
Jagrut
 8/27/2019 10:30:27 AM



#74
 Di-n-butylphthalate
 Concen: 37.688 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.1	4.1	6.1





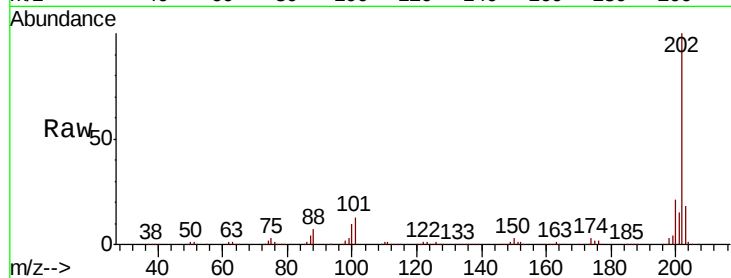
#75
 Fluoranthene
 Concen: 37.934 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1157581		
101	13.2	0.0	31.5	
203	18.1	0.0	37.5	

Manual Integrations
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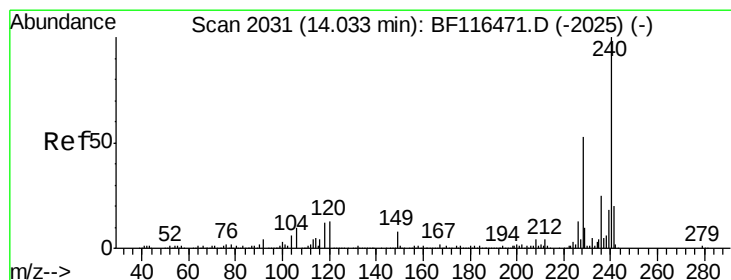
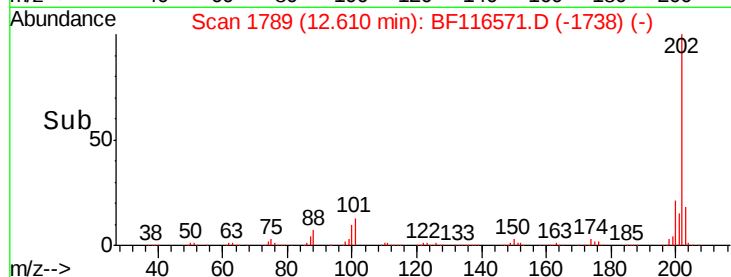
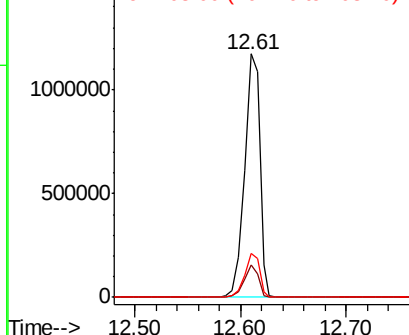


Abundance

Ion 202.00 (201.70 to 202.70): E

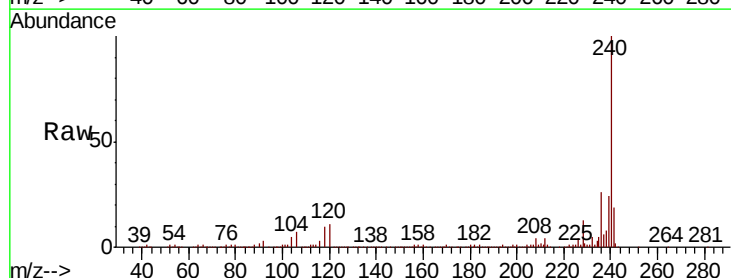
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	379346		
120	11.0	10.5	15.7	
236	25.9	20.2	30.2	

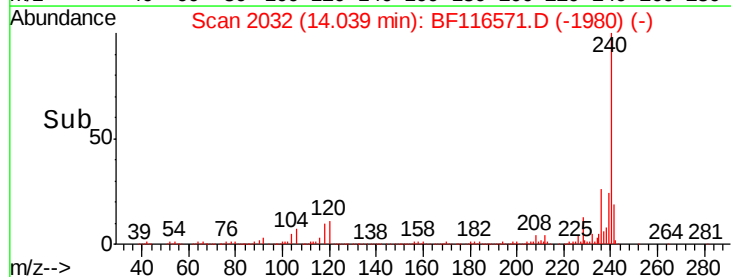
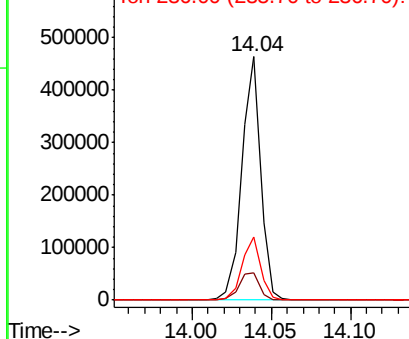


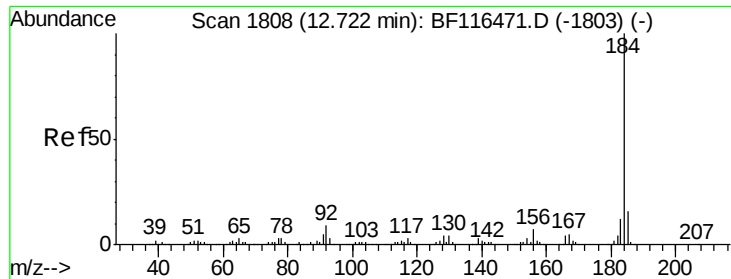
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





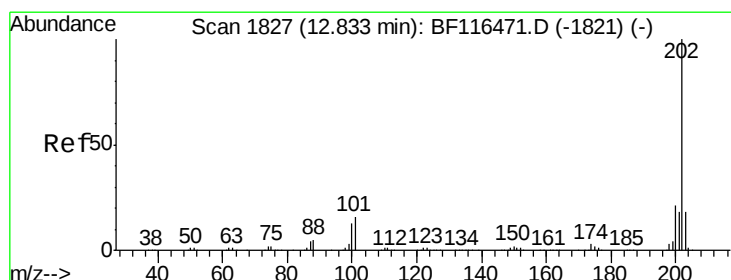
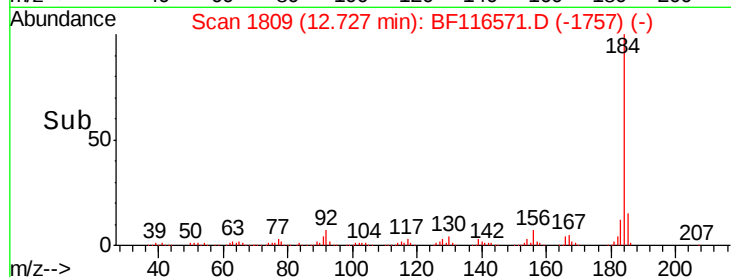
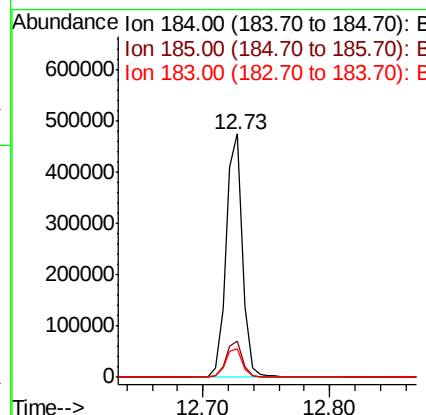
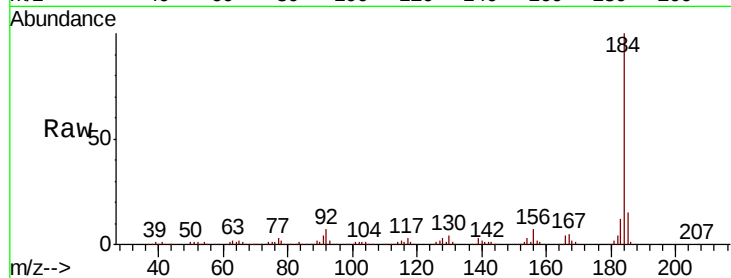
#77
Benzidine
Concen: 28.018 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.4
183	11.7	9.8	14.6

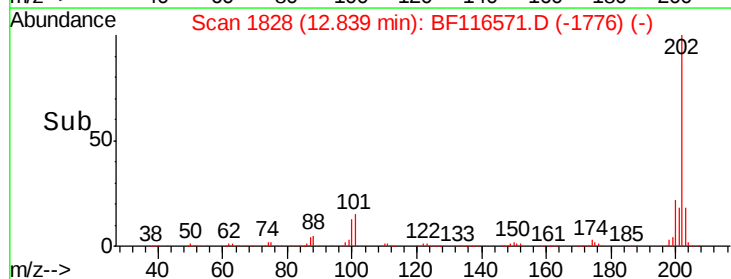
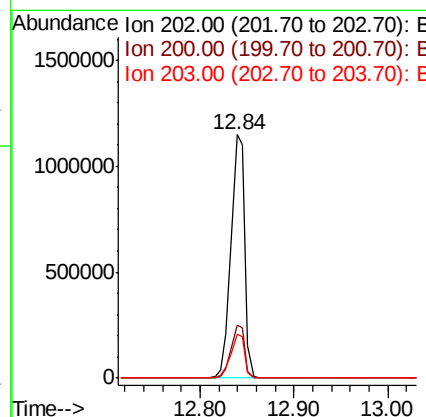
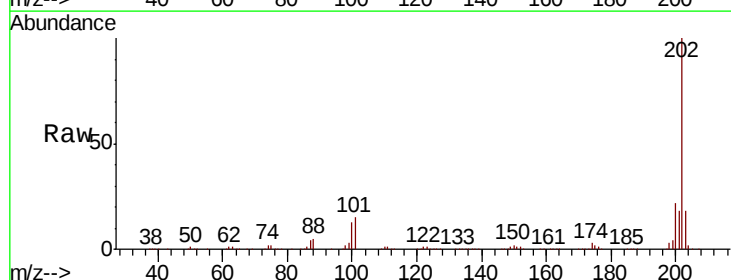
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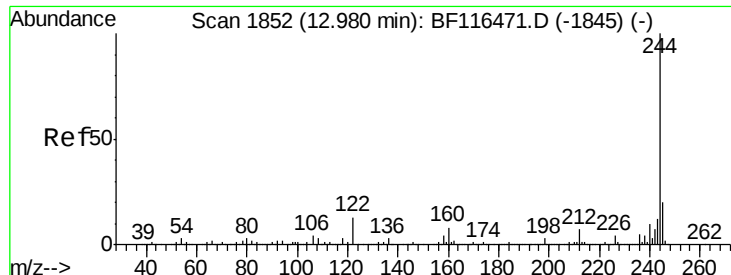
Jagrut
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#78
Pyrene
Concen: 38.402 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.4
203	17.8	14.2	21.4





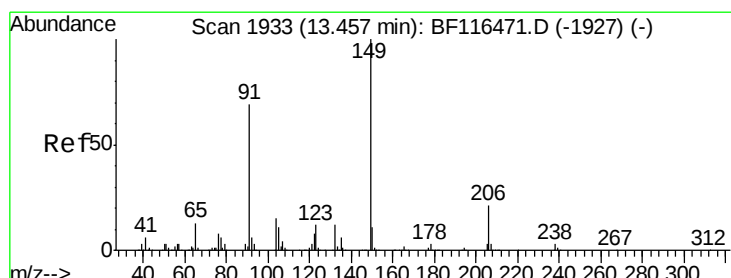
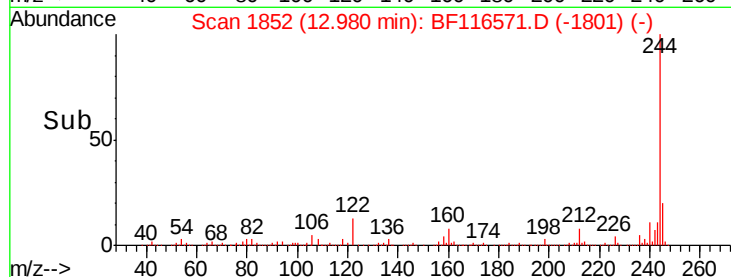
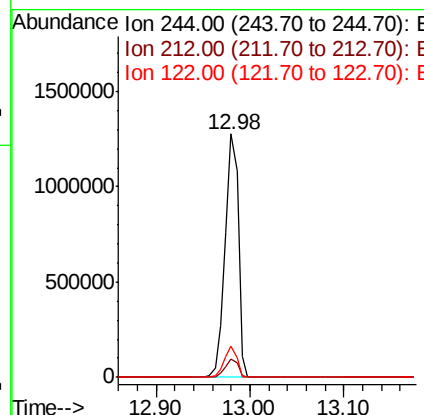
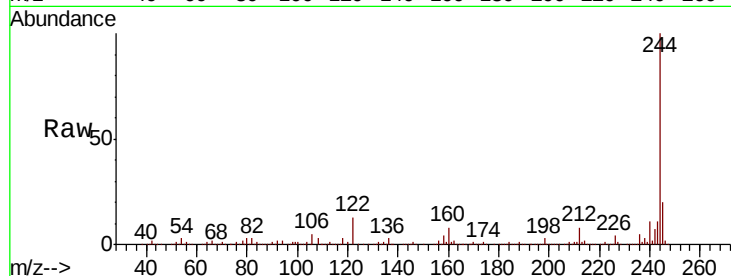
#79
 Terphenyl-d14
 Concen: 62.045 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB122482BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	12.9	10.2	15.4

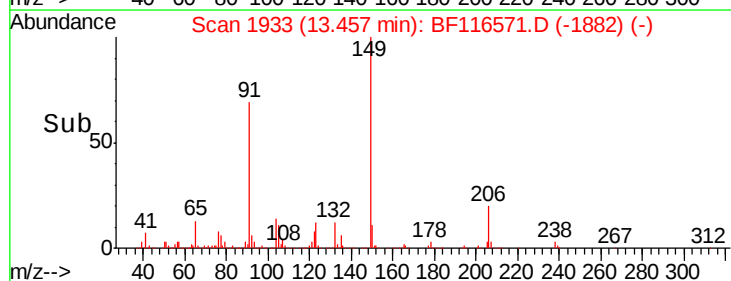
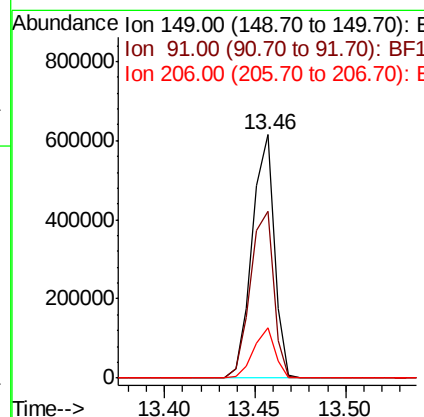
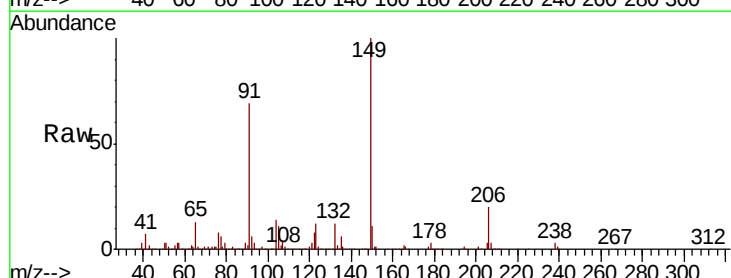
Manual Integrations
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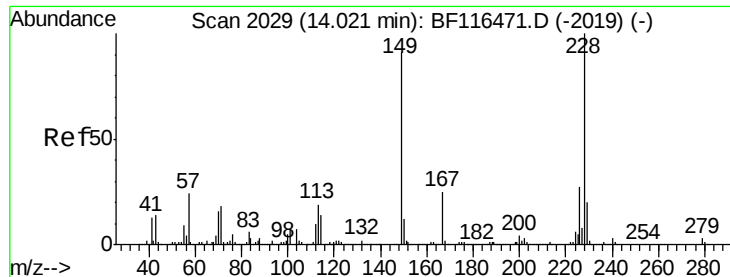
Jagrut
 8/27/2019 10:30:27 AM



#80
 Butylbenzylphthalate
 Concen: 40.163 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF116571.D
 Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	54.9	82.3
206	20.5	16.6	24.8





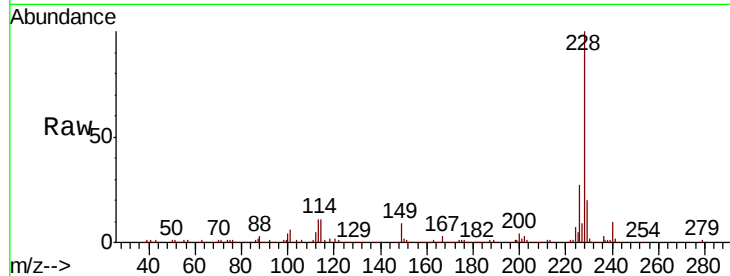
#81
Benzo(a)anthracene
Concen: 37.681 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.7	15.9	23.9

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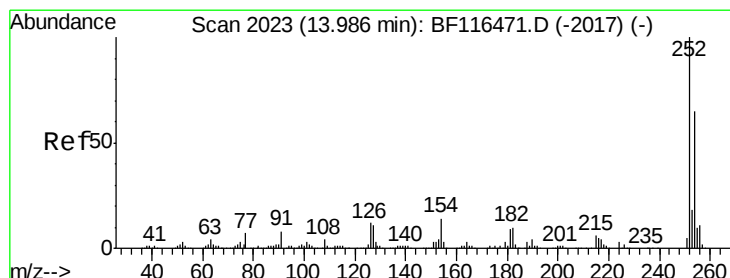
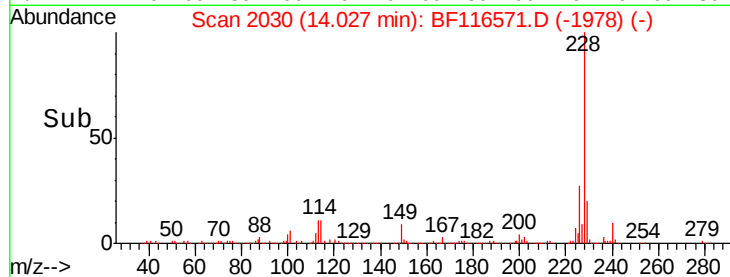
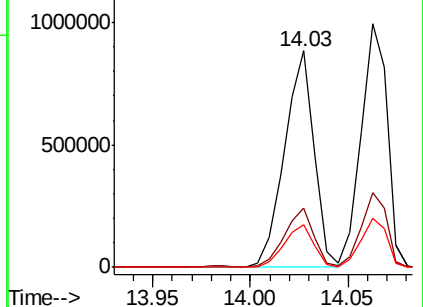


Abundance

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: 32.298 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

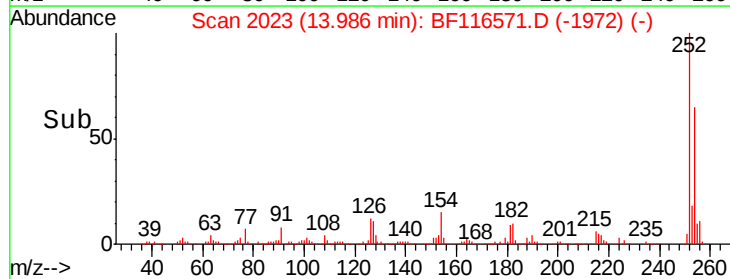
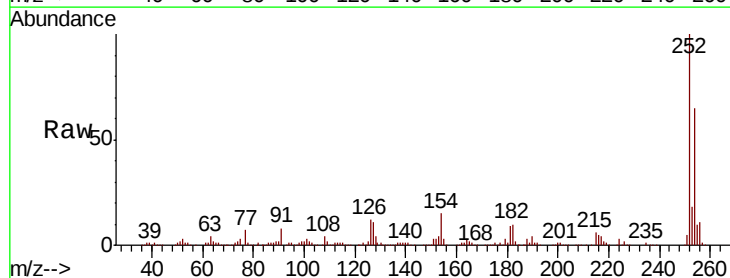
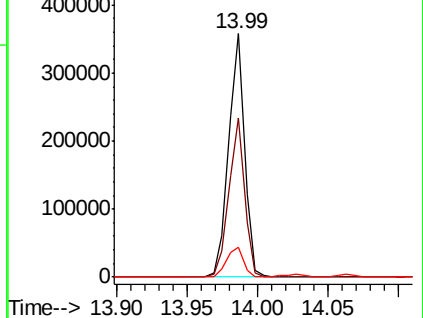
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	12.1	9.4	14.0

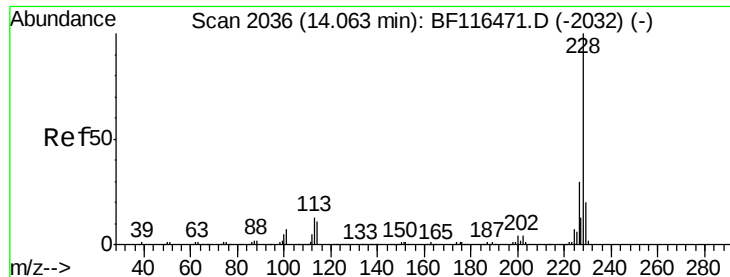
Abundance

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





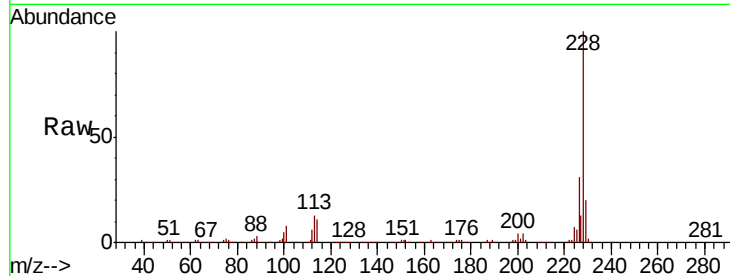
#83
Chrvsene
Concen: 37.009 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :
PB122482BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.0	15.8	23.6

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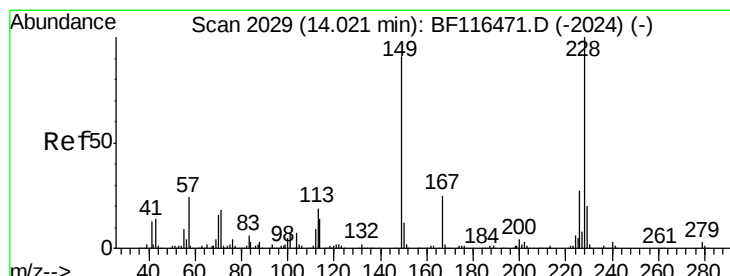
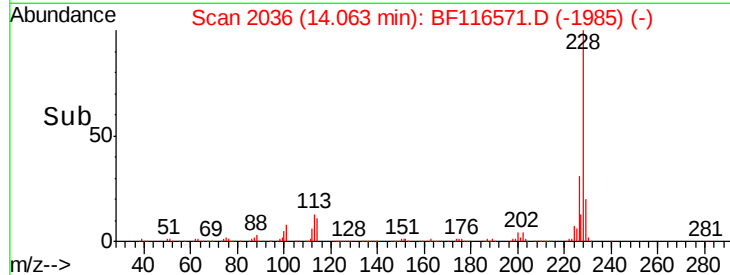
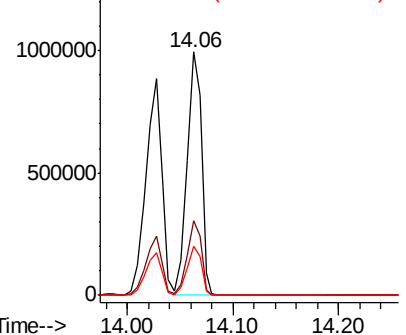


Abundance

Ion 228.00 (227.70 to 228.70): E

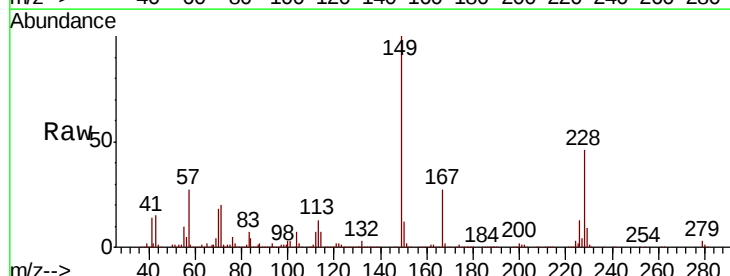
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.206 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.6
279	3.5	3.0	4.4

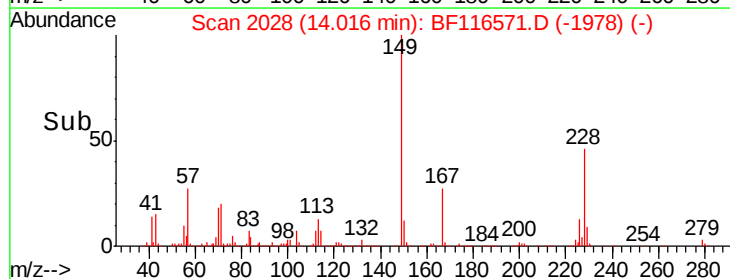
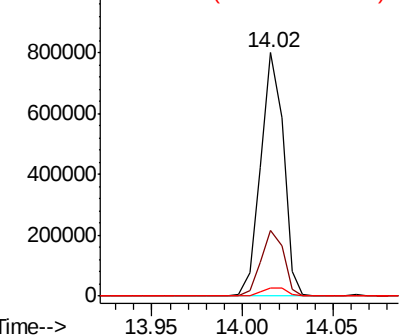


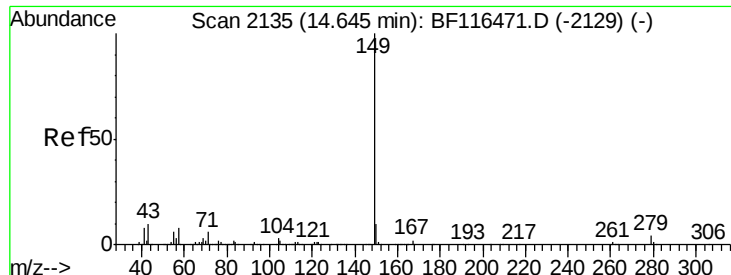
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





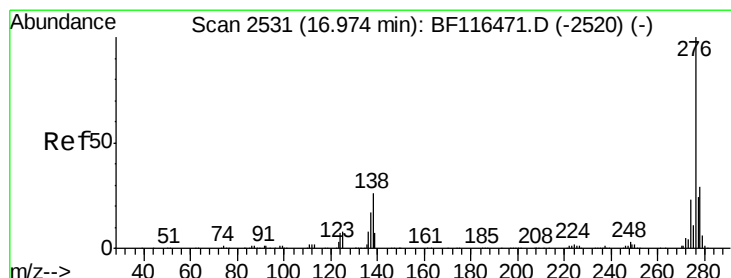
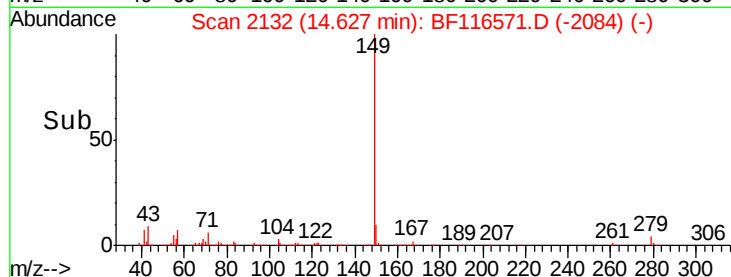
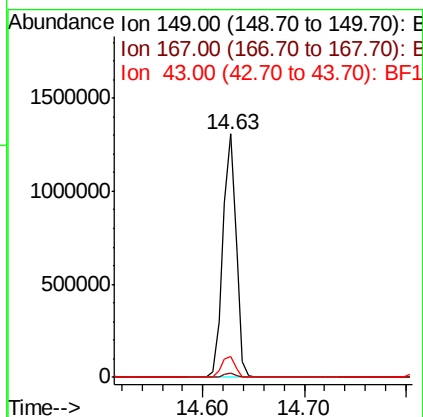
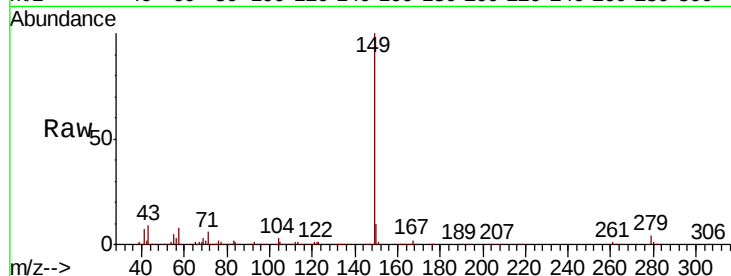
#85
Di-n-octyl phthalate
Concen: 39.939 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.0	7.8	11.8

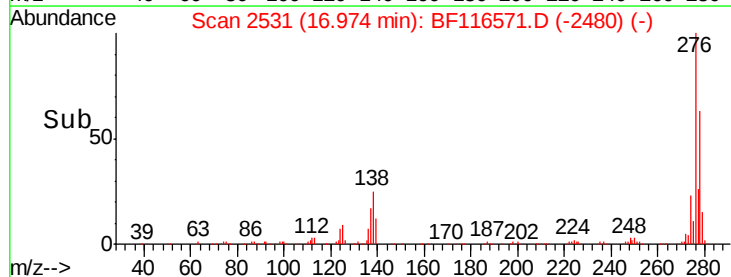
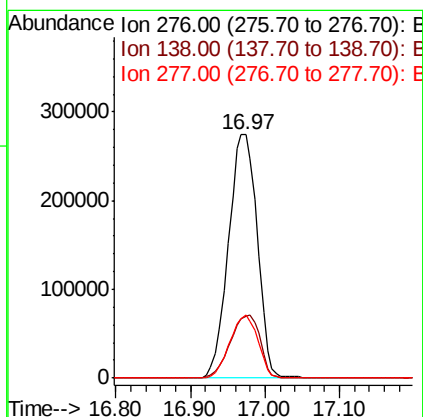
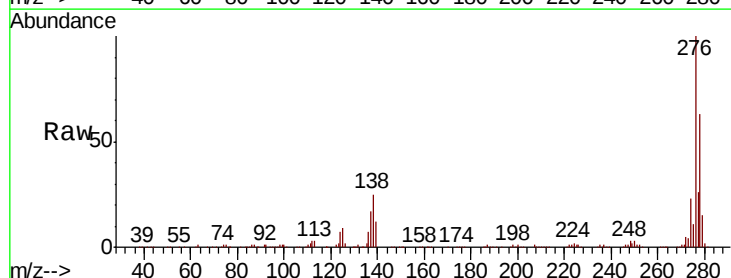
Manual Integrations
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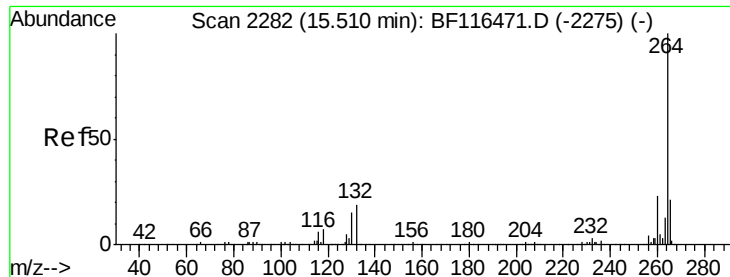
Jagrut
8/27/2019 10:30:27 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.483 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	22.9	34.3
277	25.3	19.9	29.9





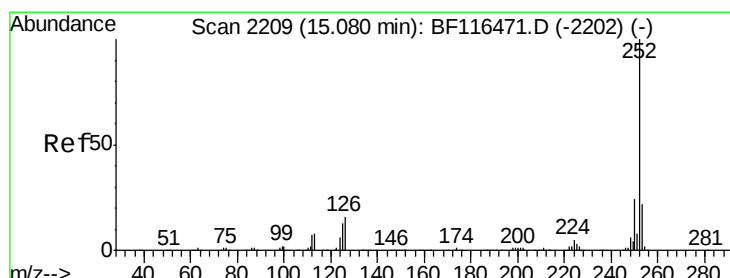
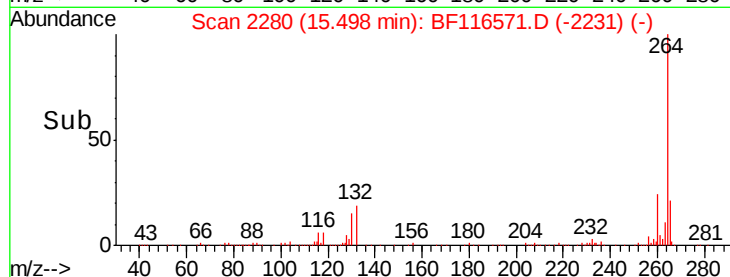
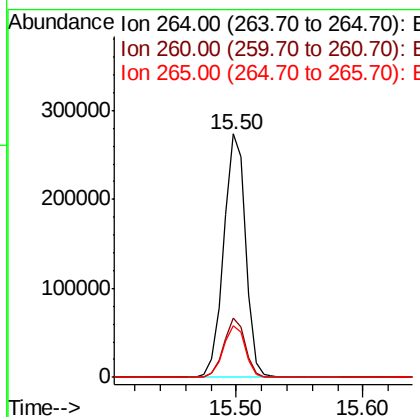
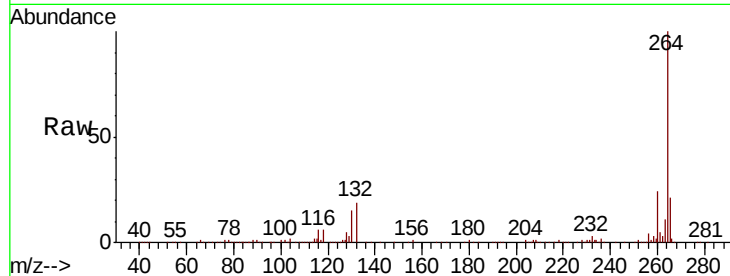
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.4	17.1	25.7

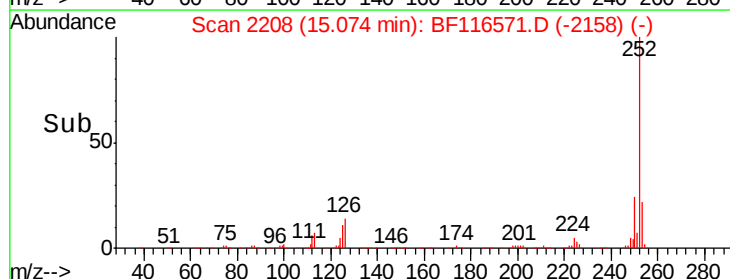
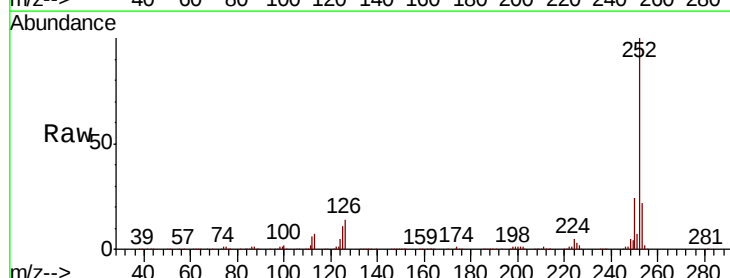
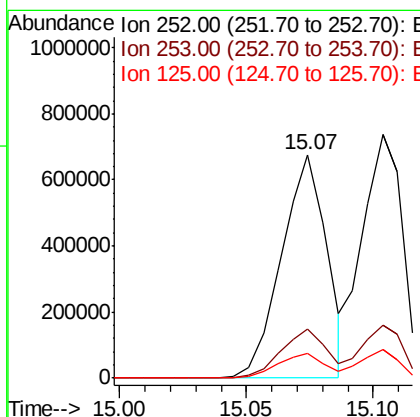
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#88
Benzo(b)fluoranthene
Concen: 41.629 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.0	10.1	15.1





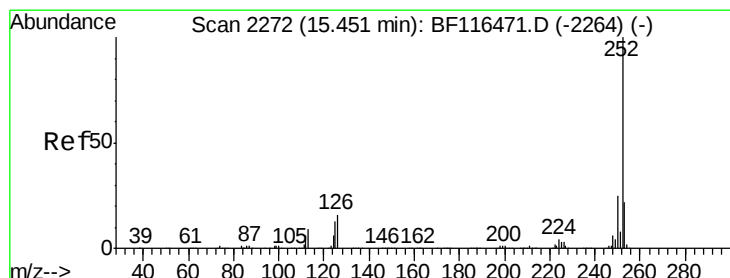
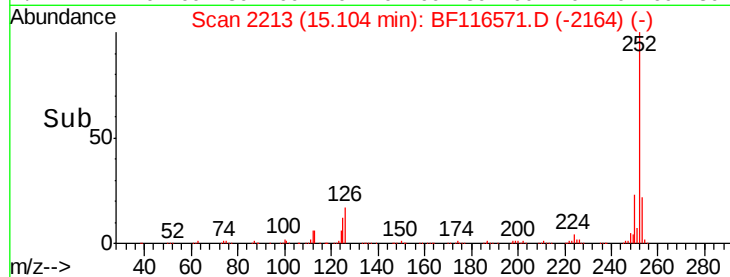
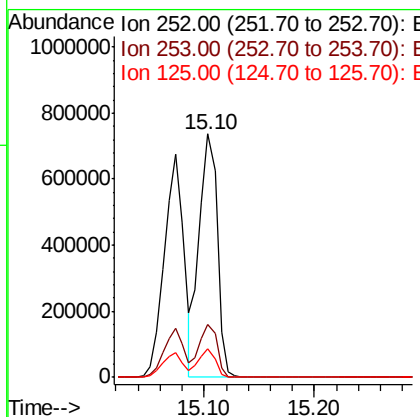
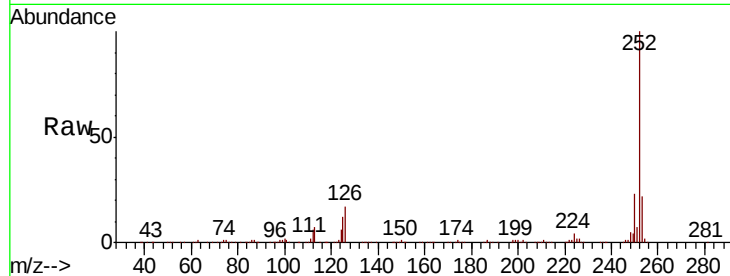
#89
Benzo(k)fluoranthene
Concen: 44.967 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.8	9.1	13.7

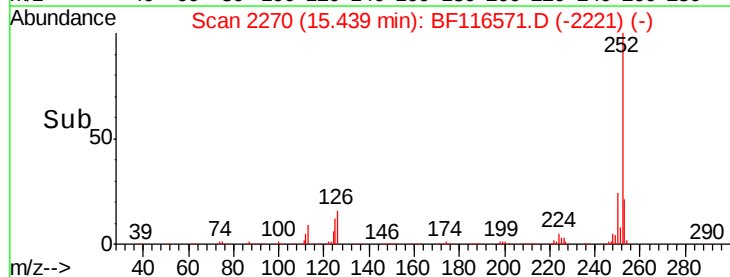
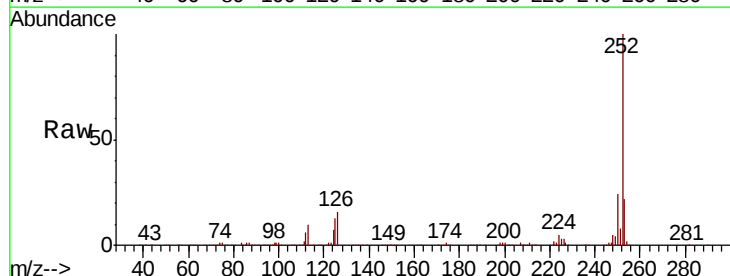
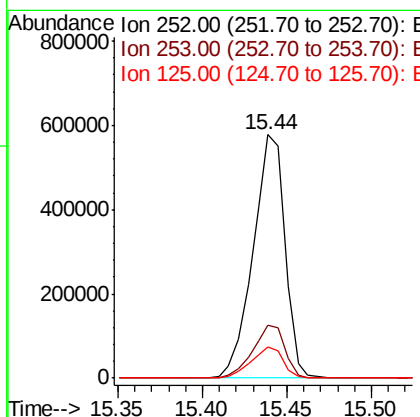
Manual Integrations
APPROVED

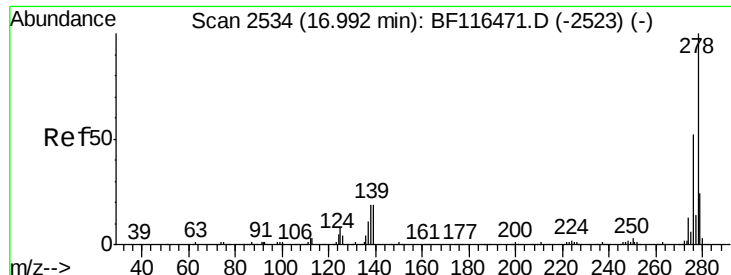
Jagrut
8/27/2019 10:30:27 AM



#90
Benzo(a)pyrene
Concen: 42.655 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	12.8	10.2	15.4





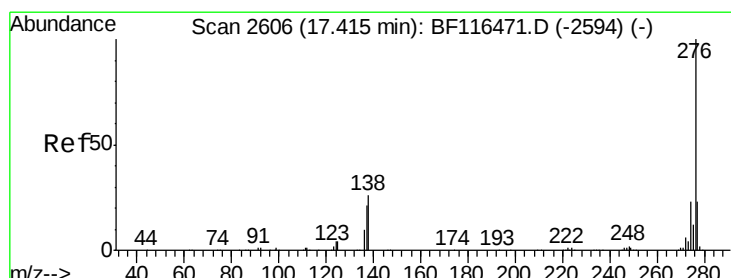
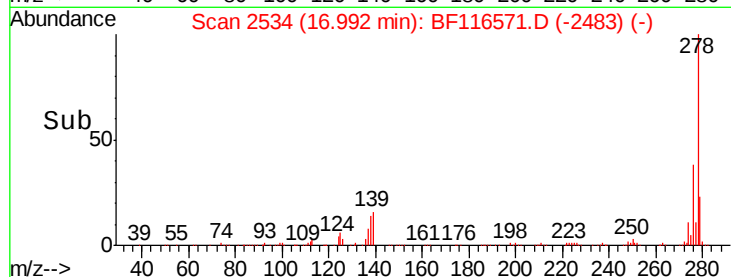
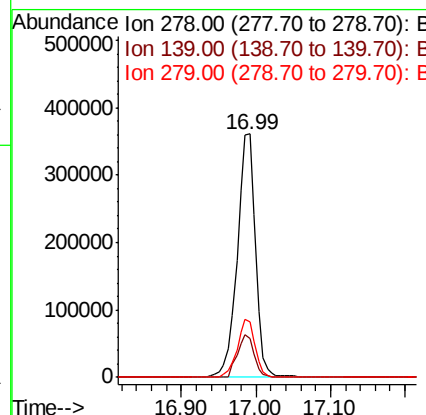
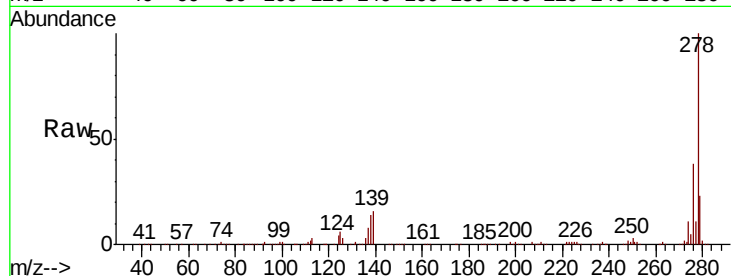
#91
Dibenzo(a,h)anthracene
Concen: 42.108 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
PB122482BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.3	22.9
279	22.9	19.0	28.6

Manual Integrations
APPROVED

Jagrut
8/27/2019 10:30:27 AM



#92
Benzo(g,h,i)perylene
Concen: 42.648 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BF116571.D
Acq: 26 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	23.0	20.8	31.2

