

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116508.D
 Acq On : 24 Aug 2019 8:16
 Operator : HP/JU
 Sample : K4461-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Manual Integrations
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Jagrut
 8/28/2019 8:09:08 AM

Quant Time: Aug 26 13:30:18 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	6.89	152	117710	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	410349	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	186018	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	284995	20.00	ng	0.00
76) Chrysene-d12	14.03	240	222855	20.00	ng	0.00
87) Perylene-d12	15.50	264	229754	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	732595	90.94	ng	0.02
7) Phenol-d6	6.52	99	955349	96.72	ng	0.01
23) Nitrobenzene-d5	7.45	82	602170	80.28	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	144373	90.39	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1040317	90.06	ng	0.00
79) Terphenyl-d14	12.98	244	901494	75.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	115456	33.101	ng	98
3) Pyridine	3.50	79	260582	24.532	ng	99
4) n-Nitrosodimethylamine	3.44	42	141976	36.614	ng	100
6) Aniline	6.55	93	232330	17.373	ng	99
8) 2-Chlorophenol	6.67	128	279125	33.017	ng	96
9) Benzaldehyde	6.43	77	136075	20.618	ng	98
10) Phenol	6.53	94	381915	35.605	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	294636	36.076	ng	98
12) 1,3-Dichlorobenzene	6.83	146	318018	34.755	ng	97
13) 1,4-Dichlorobenzene	6.90	146	325701	36.983	ng	97
14) 1,2-Dichlorobenzene	7.06	146	296122	35.643	ng	97
15) Benzyl Alcohol	7.02	79	260449	32.581	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	369704	32.739	ng	99
17) 2-Methylphenol	7.13	107	232516	33.196	ng	98
18) Hexachloroethane	7.40	117	99899	29.086	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	214710	31.855	ng	98
20) 3+4-Methylphenols	7.28	107	280665	32.710	ng	93
22) Acetophenone	7.29	105	403858	39.359	ng	94
24) Nitrobenzene	7.46	77	306671	39.481	ng	99
25) Isophorone	7.70	82	554030	37.483	ng	100
26) 2-Nitrophenol	7.77	139	69072	24.345	ng	99
27) 2,4-Dimethylphenol	7.82	122	236781	39.997	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	345938	37.899	ng	99
29) 2,4-Dichlorophenol	8.02	162	199414	35.420	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	256975	40.545	ng	99
31) Naphthalene	8.19	128	807776	40.692	ng	100
32) Benzoic acid	7.87	122	62811m	16.596	ng	
33) 4-Chloroaniline	8.23	127	125968	14.455	ng	98
34) Hexachlorobutadiene	8.31	225	140212	40.564	ng	98
35) Caprolactam	8.59	113	54249	27.663	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	210444	33.129	ng	99
37) 2-Methylnaphthalene	8.87	142	518151	38.016	ng	98
38) 1-Methylnaphthalene	8.97	142	487745	38.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	222798	44.518	ng	98

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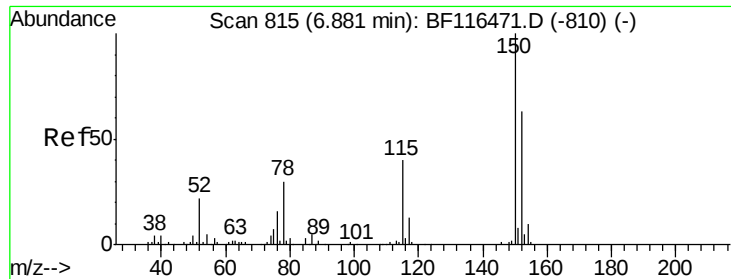
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	92092	34.201	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	123868	35.364	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	122055	34.247	ng	96
46) 1,1'-Biphenyl	9.34	154	619436	41.650	ng	99
47) 2-Chloronaphthalene	9.36	162	461362	40.014	ng	98
48) 2-Nitroaniline	9.45	65	132143	37.431	ng	99
49) Acenaphthylene	9.78	152	693902	41.135	ng	99
50) Dimethylphthalate	9.63	163	631638	48.668	ng	100
51) 2,6-Dinitrotoluene	9.69	165	94127	35.433	ng	96
52) Acenaphthene	9.95	154	417846	38.603	ng	99
53) 3-Nitroaniline	9.86	138	118687	37.481	ng	96
54) 2,4-Dinitrophenol	9.96	184	6060	13.634	ng	# 1
55) Dibenzofuran	10.12	168	606736	40.211	ng	99
56) 4-Nitrophenol	10.01	139	103490	42.048	ng	94
57) 2,4-Dinitrotoluene	10.09	165	103417	30.594	ng	90
58) Fluorene	10.46	166	445486	38.001	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	88385	30.203	ng	97
60) Diethylphthalate	10.33	149	518859	40.675	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	225521	39.433	ng	99
62) 4-Nitroaniline	10.47	138	108981	35.189	ng	95
63) Azobenzene	10.62	77	497126	37.903	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	6221	11.552	ng	87
66) n-Nitrosodiphenylamine	10.57	169	404578	43.842	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	128858	43.127	ng	100
68) Hexachlorobenzene	11.02	284	135026	40.859	ng	98
69) Atrazine	11.09	200	111432	40.303	ng	99
70) Pentachlorophenol	11.20	266	89329	46.331	ng	96
71) Phenanthrene	11.42	178	642235	41.367	ng	99
72) Anthracene	11.47	178	648643	41.578	ng	99
73) Carbazole	11.62	167	571741	40.828	ng	99
74) Di-n-butylphthalate	11.96	149	741262	42.718	ng	99
75) Fluoranthene	12.61	202	660064	41.123	ng	100
77) Benzidine	12.72	184	173260	19.324	ng	98
78) Pyrene	12.84	202	668341	37.501	ng	99
80) Butylbenzylphthalate	13.46	149	298667	38.804	ng	99
81) Benzo(a)anthracene	14.02	228	590903	40.940	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	173079	33.649	ng	98
83) Chrysene	14.06	228	590935	40.394	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	412945	40.236	ng	99
85) Di-n-octyl phthalate	14.63	149	728419	41.806	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	506016	40.379	ng	99
88) Benzo(b)fluoranthene	15.07	252	603514m	42.522	ng	
89) Benzo(k)fluoranthene	15.10	252	551525	42.893	ng	98
90) Benzo(a)pyrene	15.44	252	535518	42.691	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	439460	42.635	ng	96
92) Benzo(g,h,i)perylene	17.41	276	408583	41.579	ng	97

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



#1

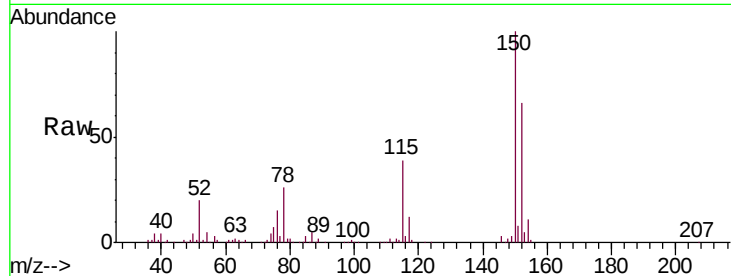
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.7	190.1
115	58.8	50.9	76.3

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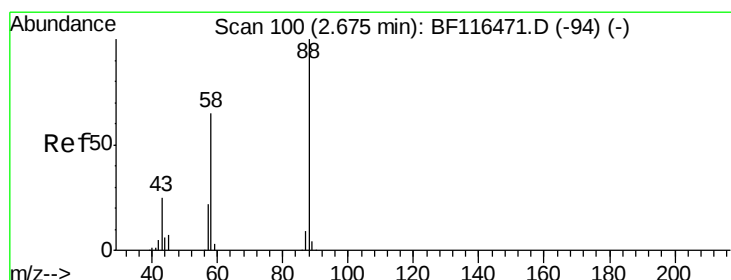
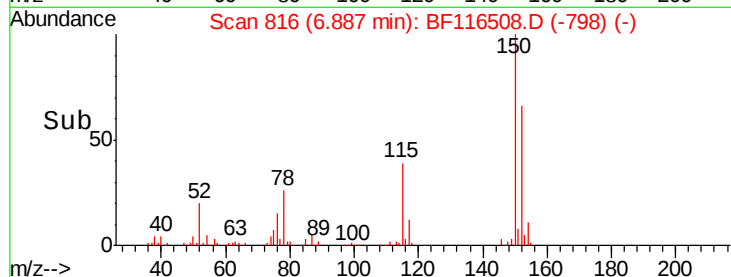
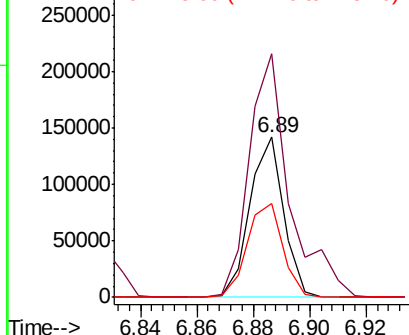


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

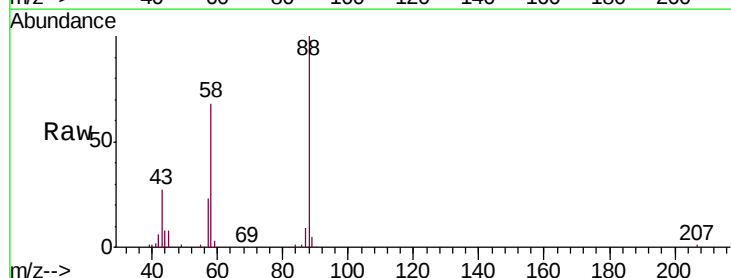
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.101 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	53.4	80.0
43	27.5	21.2	31.8

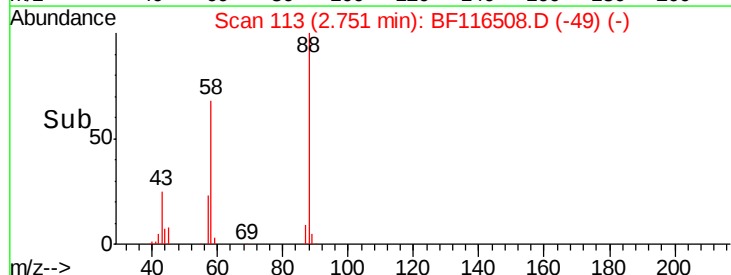
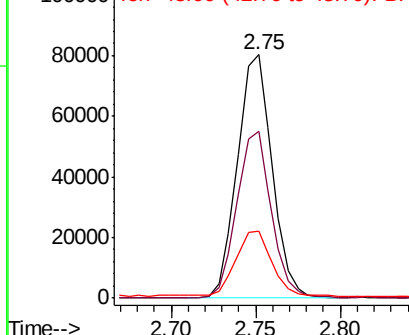


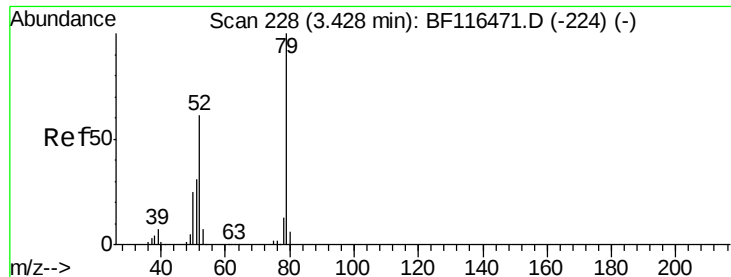
Abundance

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





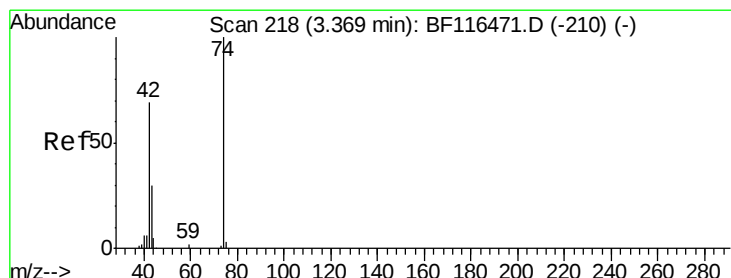
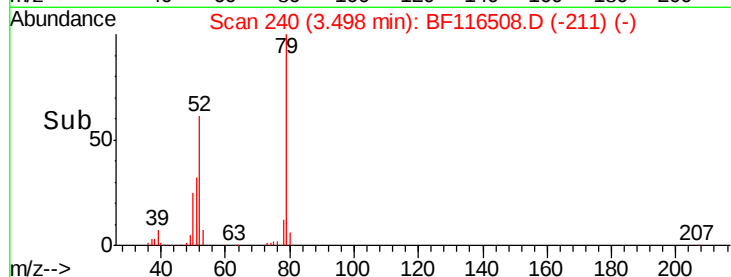
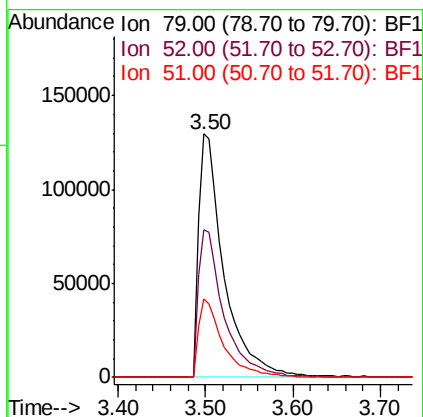
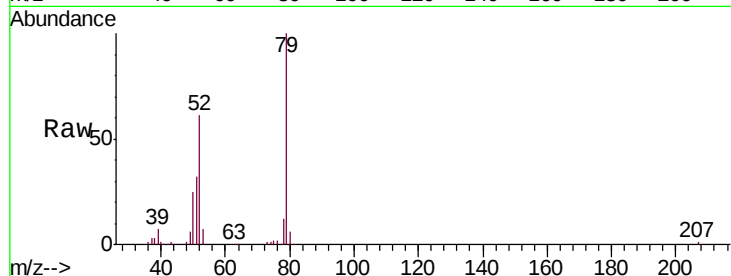
#3
Pvrindine
Concen: 24.532 ng
RT: 3.50 min Scan# 240
Delta R.T. 0.07 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampled :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.6	48.8	73.2
51	32.3	25.2	37.8

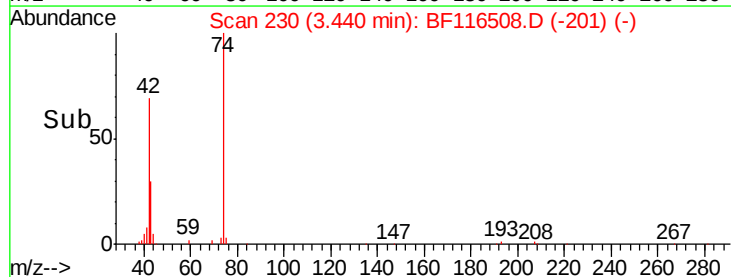
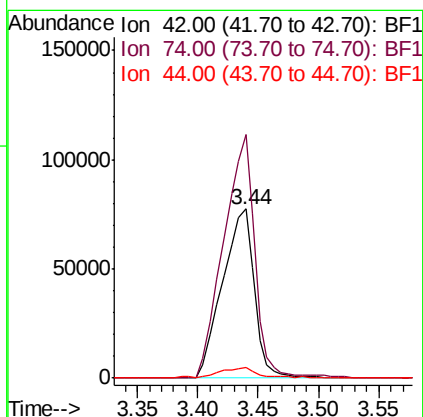
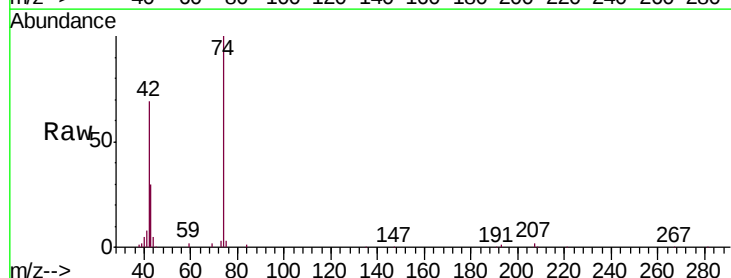
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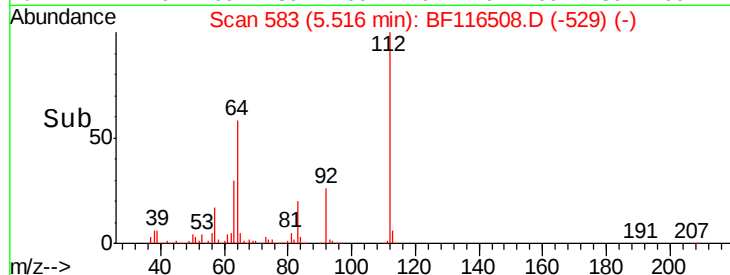
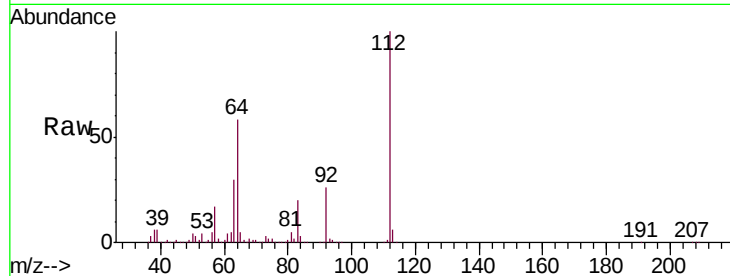
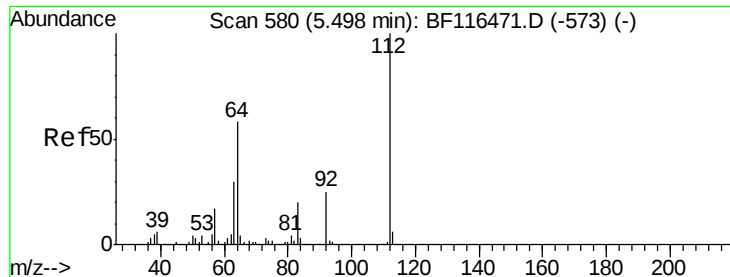
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#4
n-Nitrosodimethylamine
Concen: 36.614 ng
RT: 3.44 min Scan# 230
Delta R.T. 0.07 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.1	115.3	172.9
44	6.6	5.8	8.8





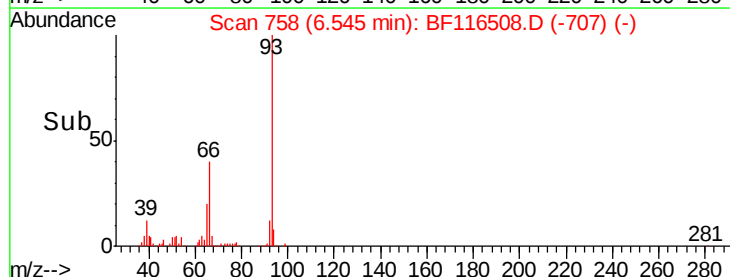
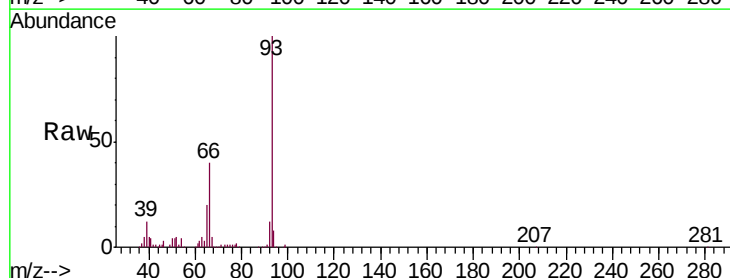
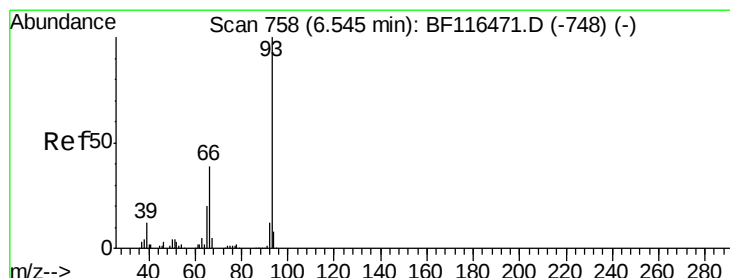
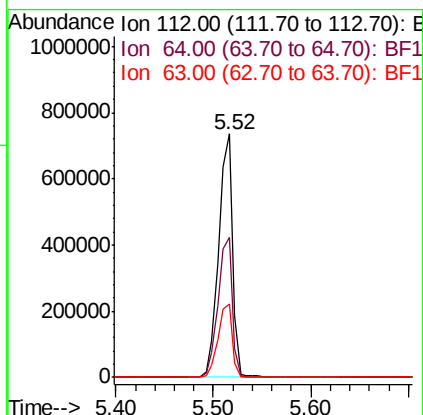
#5
2-Fluorophenol
Concen: 90.938 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.5	46.3	69.5
63	30.3	24.2	36.4

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

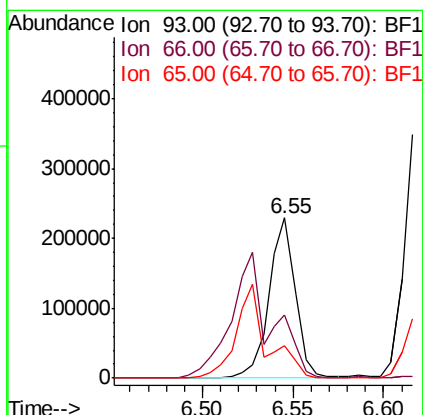
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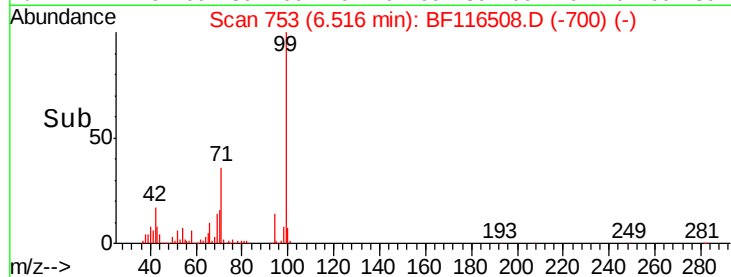
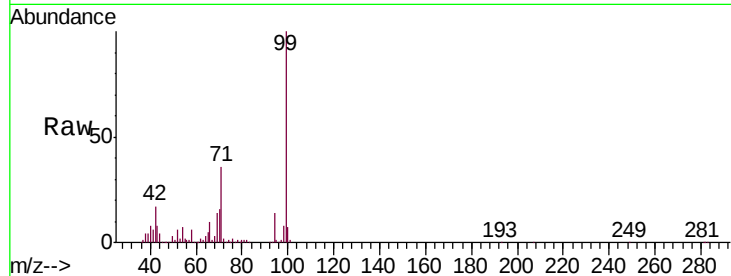
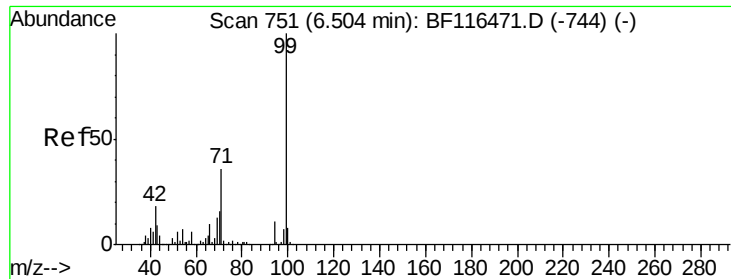
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#6
Aniline
Concen: 17.373 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.6	32.2	48.2
65	20.3	16.3	24.5





#7

Phenol-d6

Concen: 96.716 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tot Ion:	99	Resp:	955349
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.6	21.8
71	35.6	28.5	42.7

Instrument :

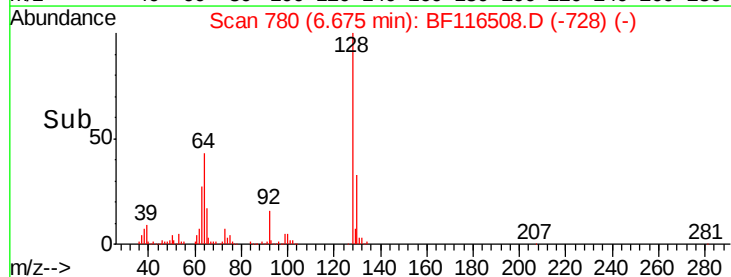
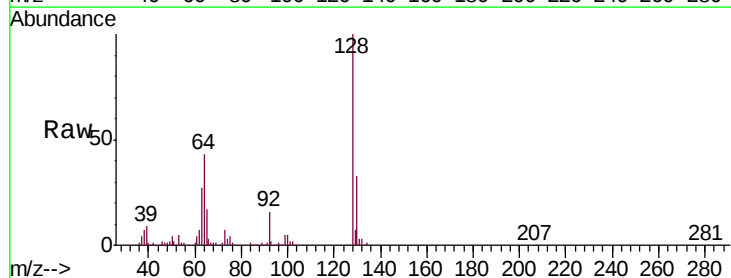
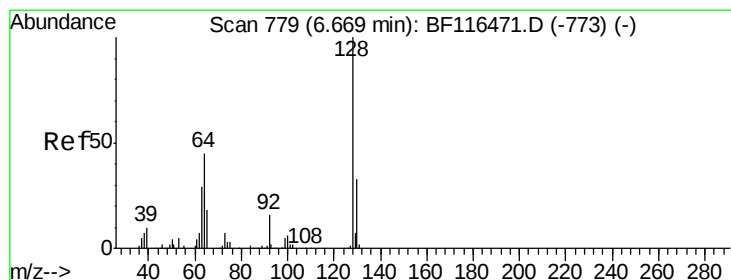
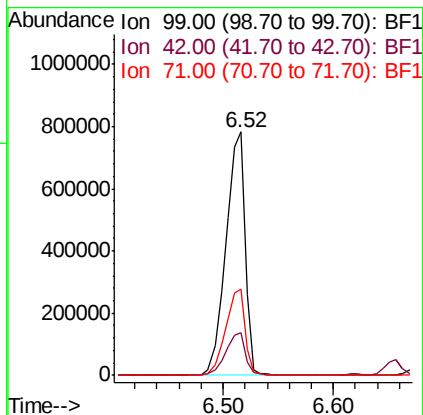
BNA_F

ClientSampleId :

SB-02-COMPMSD

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#8

2-Chlorophenol

Concen: 33.017 ng

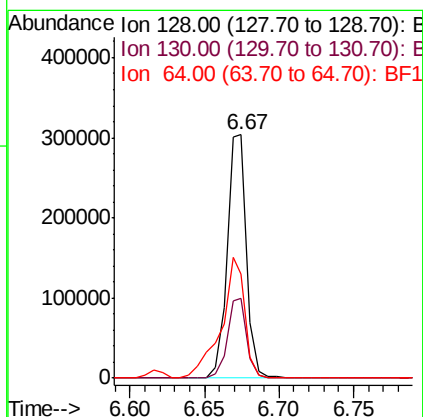
RT: 6.67 min Scan# 780

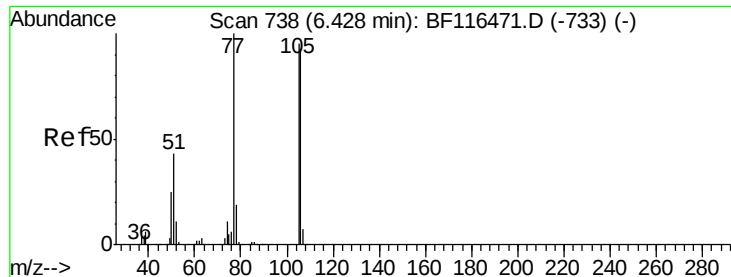
Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:	128	Resp:	279125
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.4	53.4
64	42.6	26.3	66.3





#9

Benzaldehyde

Concen: 20.618 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

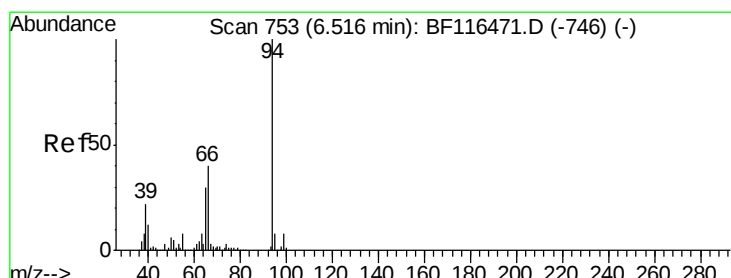
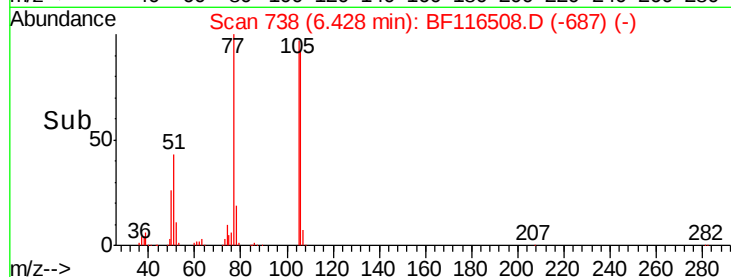
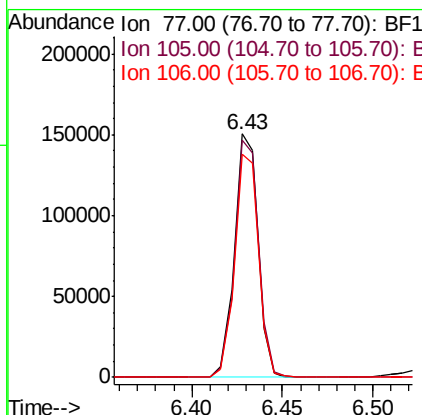
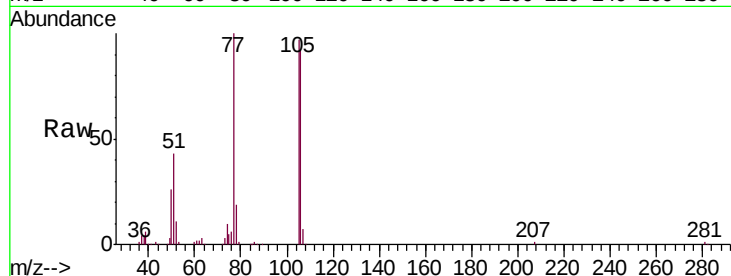
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	77	Resp:	136075
Ion Ratio	Lower	Upper	
77	100		
105	97.4	75.5	115.5
106	91.7	73.2	113.2

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#10

Phenol

Concen: 35.605 ng

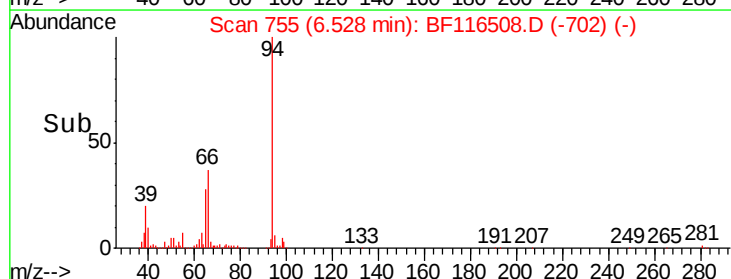
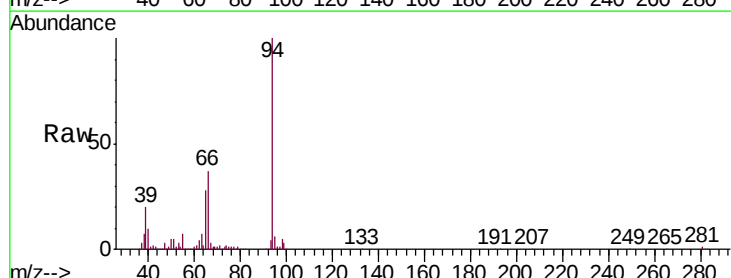
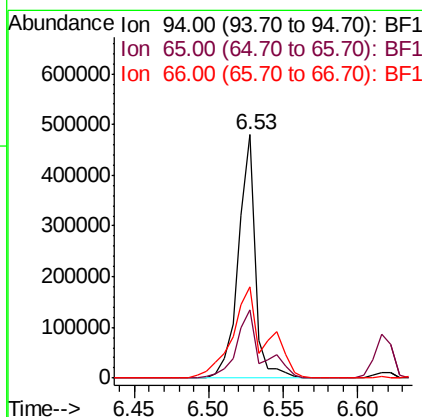
RT: 6.53 min Scan# 755

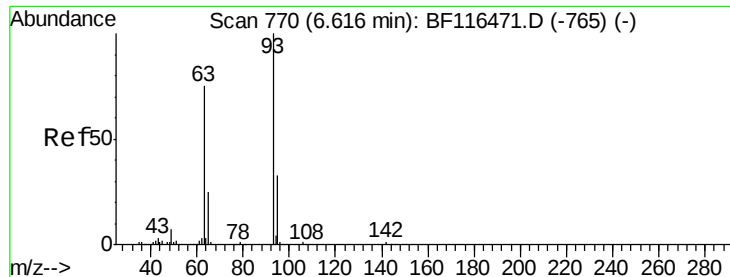
Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:	94	Resp:	381915
Ion Ratio	Lower	Upper	
94	100		
65	28.1	10.0	50.0
66	37.5	19.8	59.8





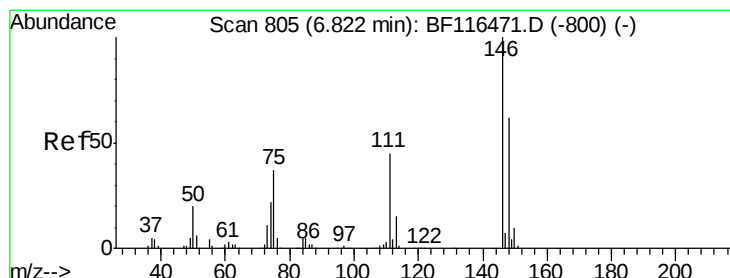
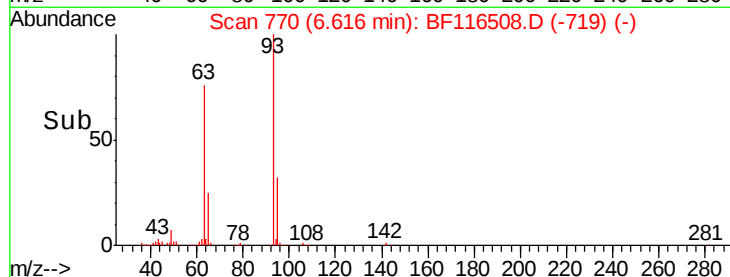
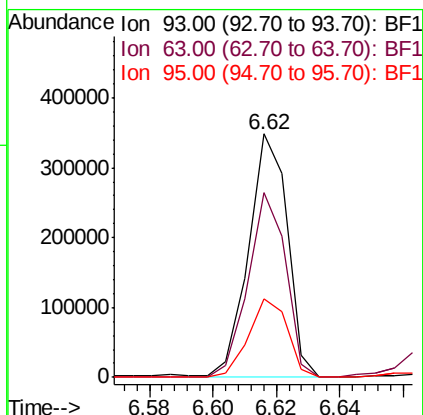
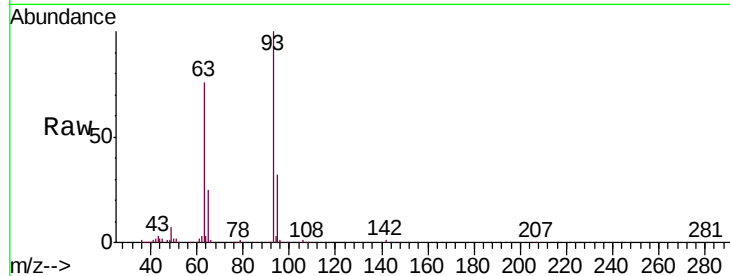
#11
bis(2-Chloroethyl)ether
Concen: 36.076 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion:	93	Resp:	294636
Ion Ratio	Lower	Upper	
93	100		
63	75.6	54.3	94.3
95	32.3	13.3	53.3

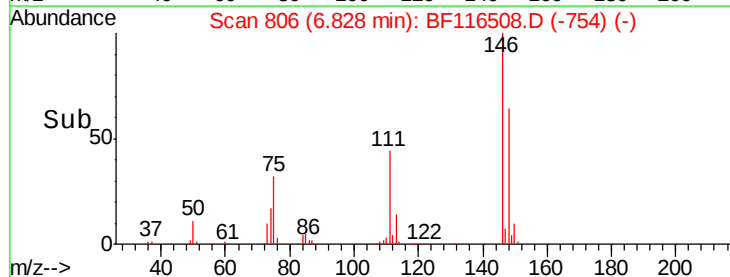
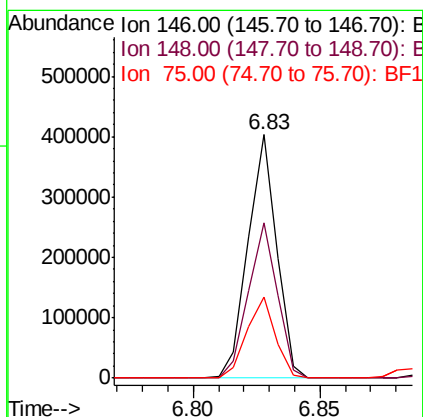
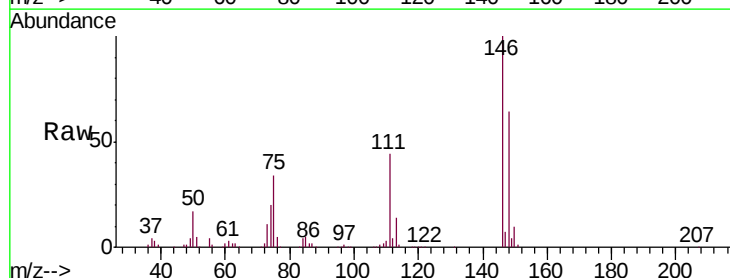
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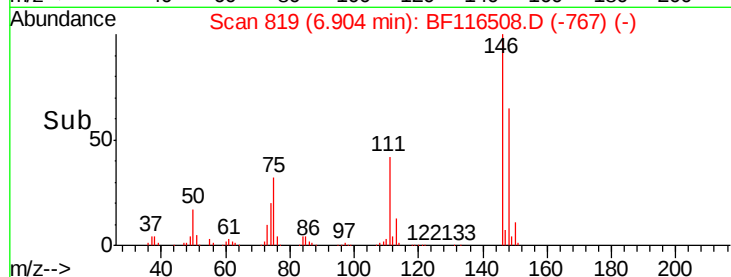
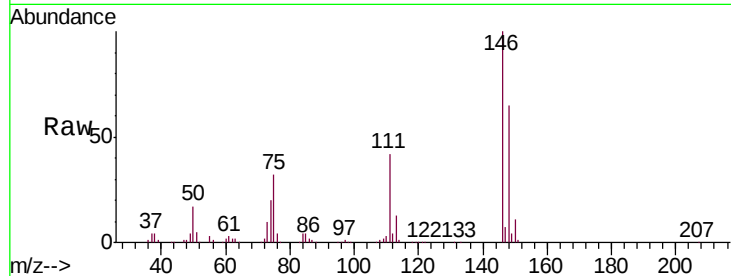
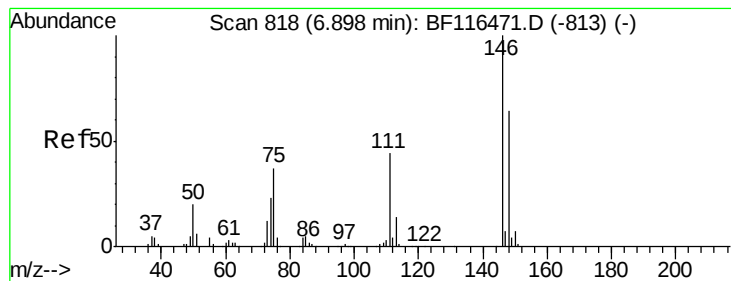
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#12
1,3-Dichlorobenzene
Concen: 34.755 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:	146	Resp:	318018
Ion Ratio	Lower	Upper	
146	100		
148	63.8	49.8	74.8
75	33.5	29.3	43.9





#13

1,4-Dichlorobenzene

Concen: 36.983 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tot Ion:	146	Resp:	325701
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.0	76.4
111	41.8	35.4	53.2

Instrument :

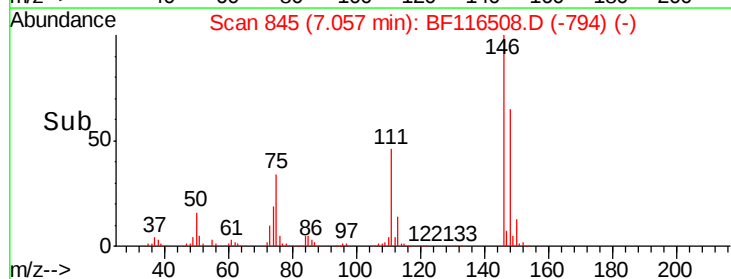
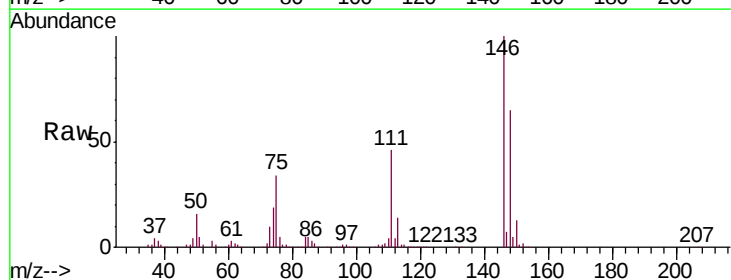
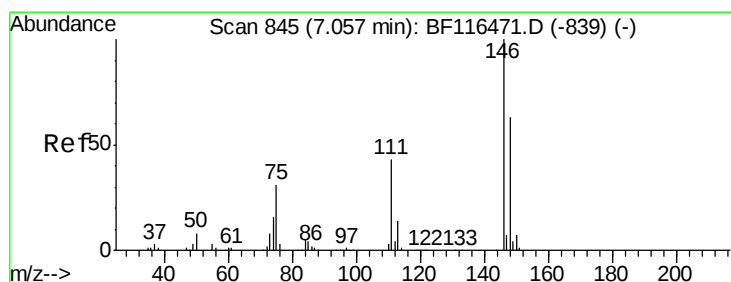
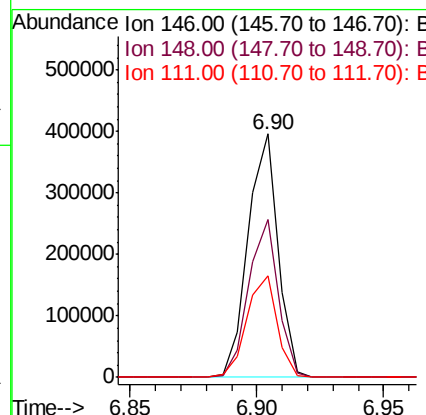
BNA_F

ClientSampleId :

SB-02-COMPMSD

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#14

1,2-Dichlorobenzene

Concen: 35.643 ng

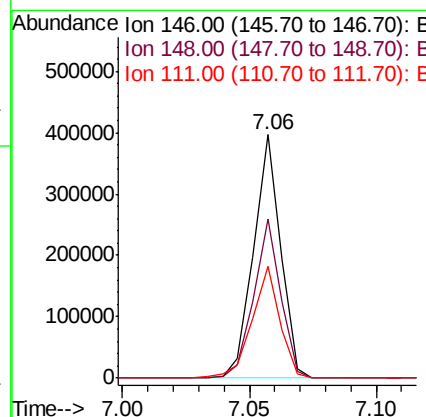
RT: 7.06 min Scan# 845

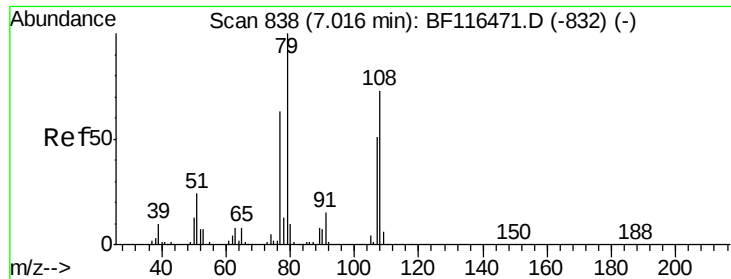
Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:	146	Resp:	296122
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.8	76.2
111	45.7	34.5	51.7





#15

Benzyl Alcohol

Concen: 32.581 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

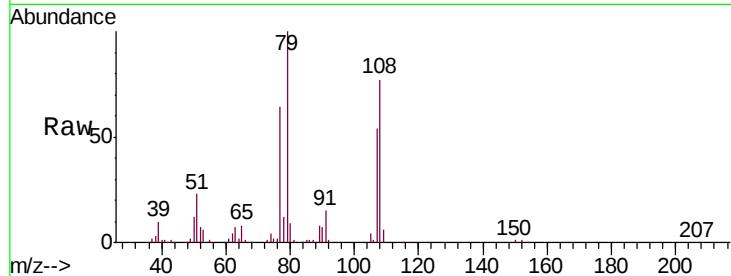
ClientSampleId :

SB-02-COMPMSD

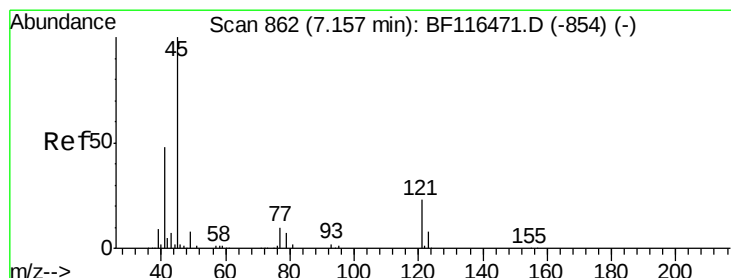
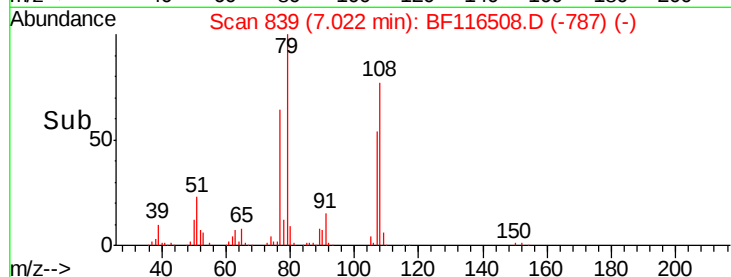
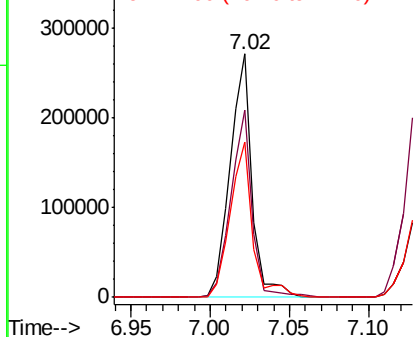
Tot Ion:	79	Resp:	260449
Ion Ratio	Lower	Upper	
79	100		
108	76.8	58.1	87.1
77	63.7	50.6	76.0

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.739 ng

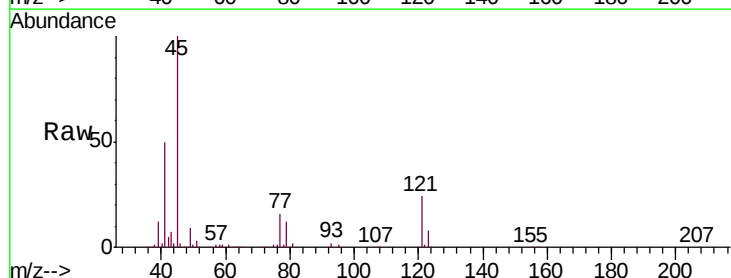
RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

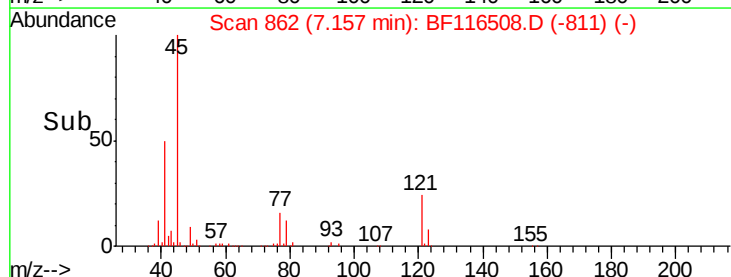
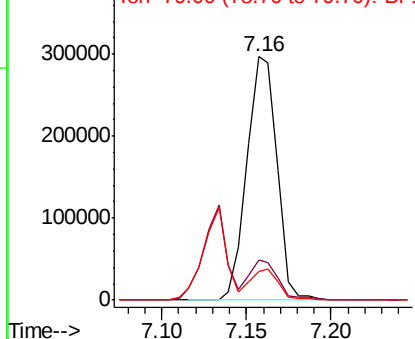
Lab File: BF116508.D

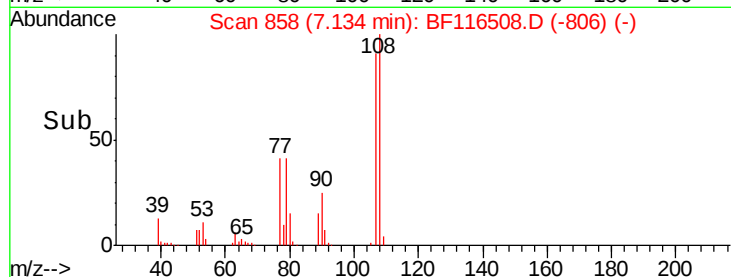
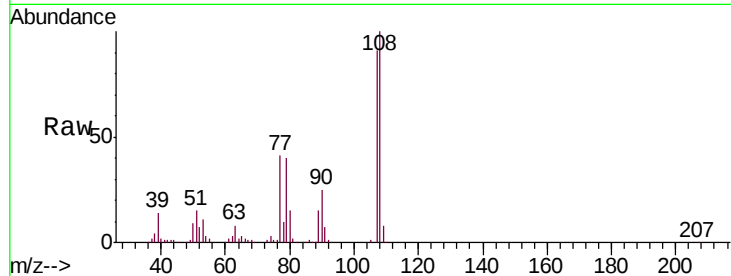
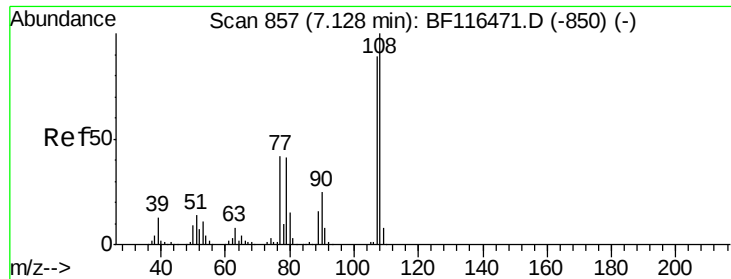
Acq: 24 Aug 2019 8:16

Tgt Ion:	45	Resp:	369704
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	36.1
79	11.9	0.0	32.3



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 33.196 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	90.0	135.0	
77	45.7	37.6	56.4	
79	44.6	36.8	55.2	

Instrument :

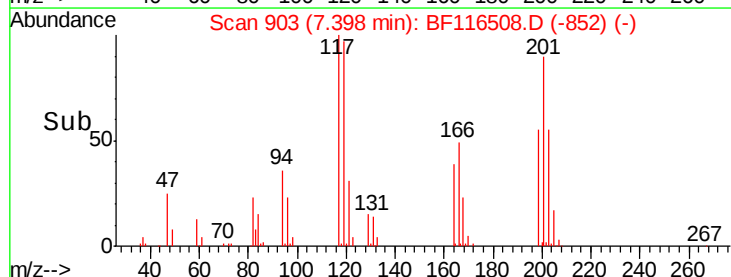
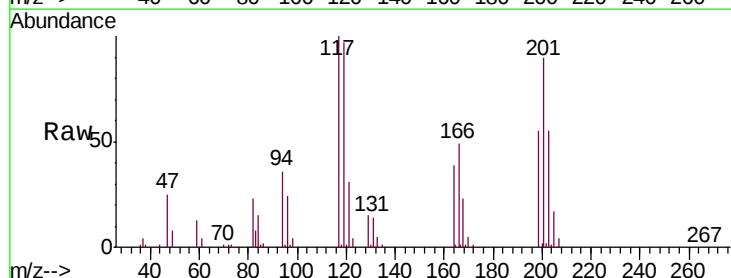
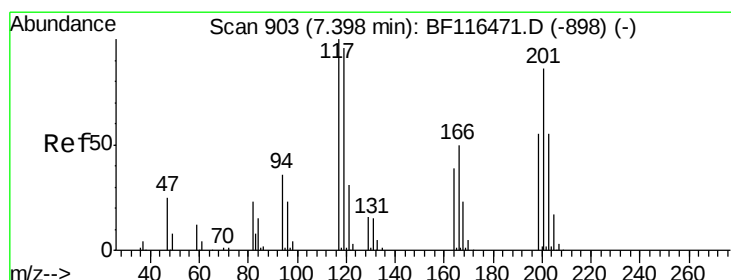
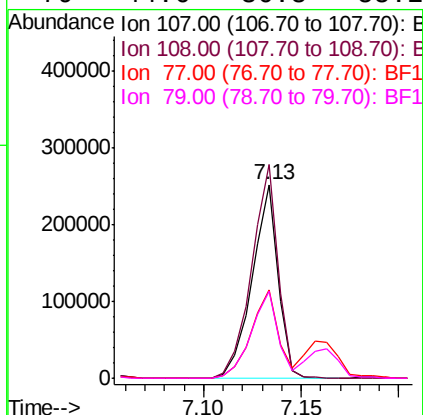
BNA_F

ClientSampleId :

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#18

Hexachloroethane

Concen: 29.086 ng

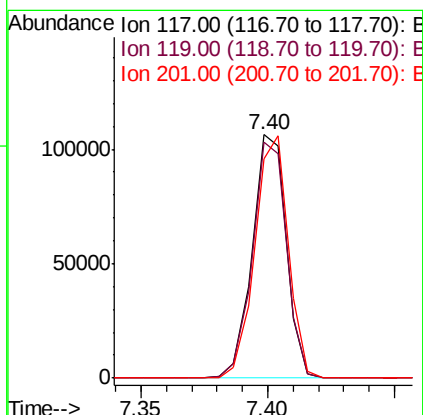
RT: 7.40 min Scan# 903

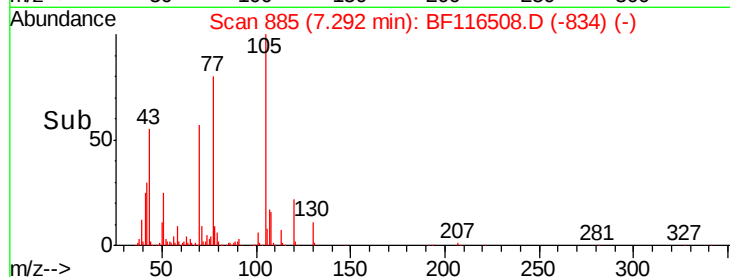
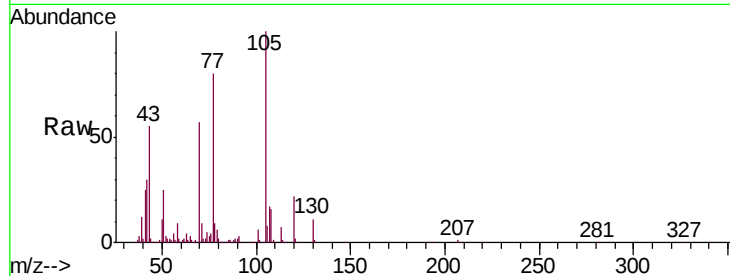
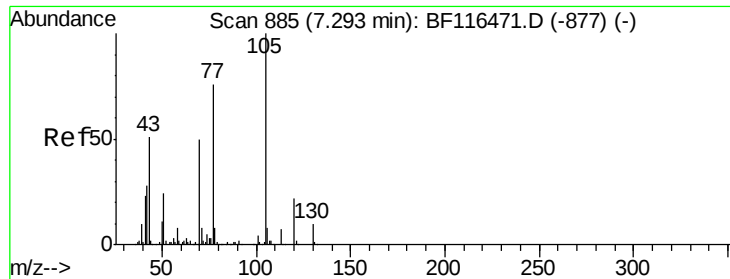
Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	77.0	115.6	
201	89.8	69.1	103.7	





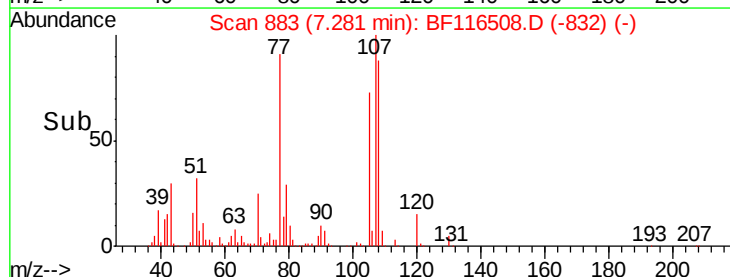
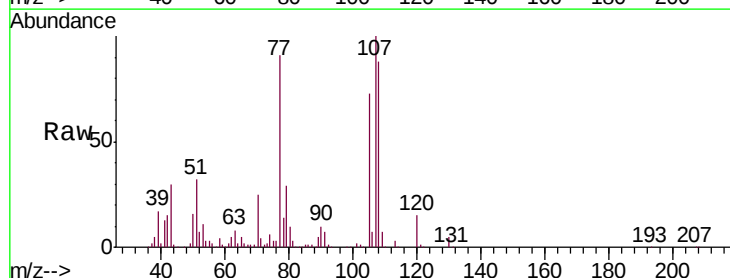
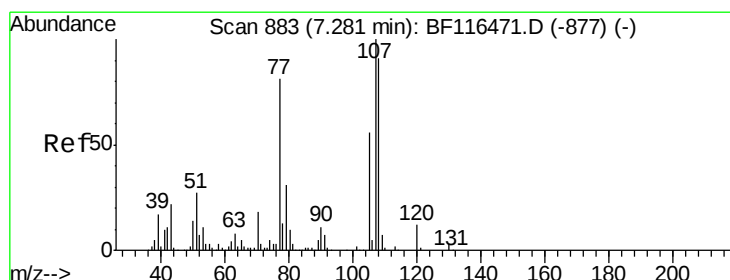
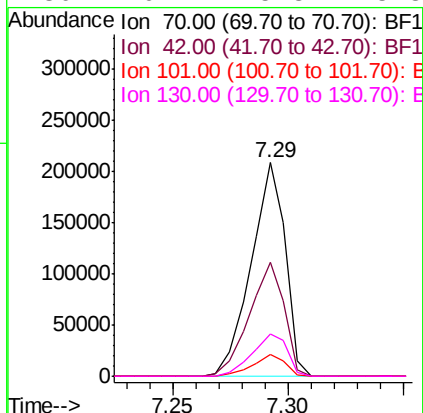
#19
n-Nitroso-di-n-propylamine
Concen: 31.855 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	44.4	66.6
101	10.1	7.1	10.7
130	20.1	15.8	23.8

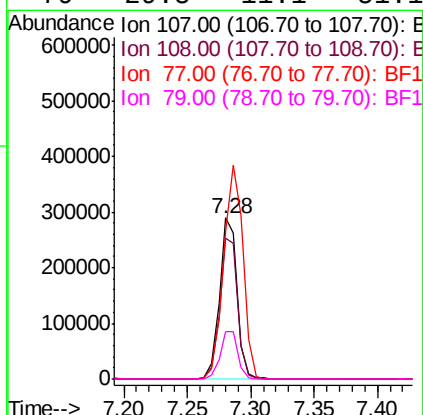
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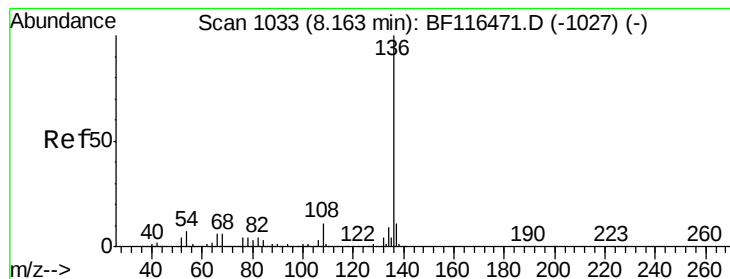
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#20
3+4-Methylphenols
Concen: 32.710 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.7	110.7
77	91.1	60.6	100.6
79	29.5	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: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

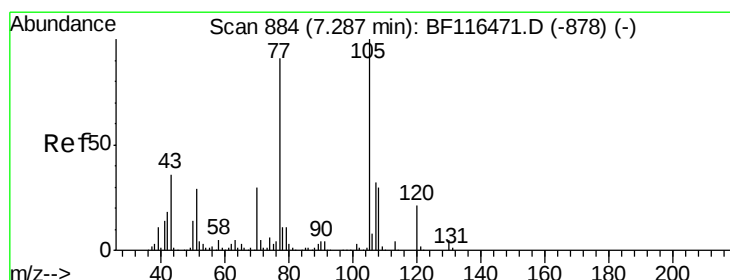
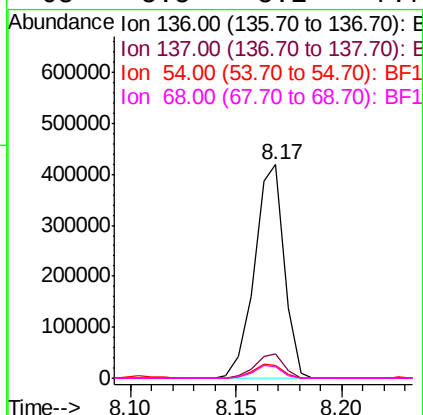
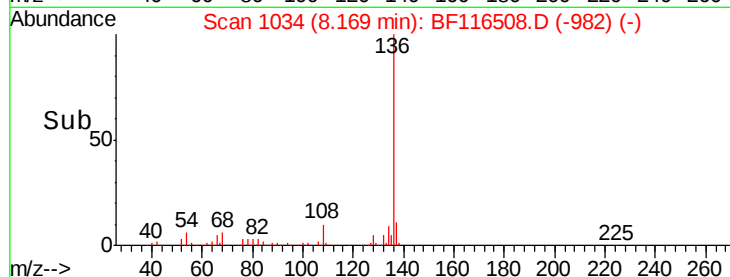
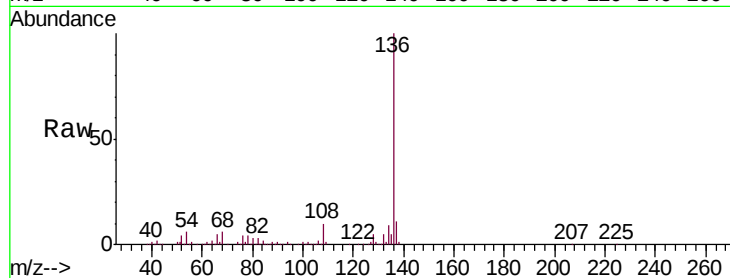
ClientSampleId :

SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.4	
54	6.2	5.8	8.6	
68	5.5	5.1	7.7	

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#22

Acetophenone

Concen: 39.359 ng

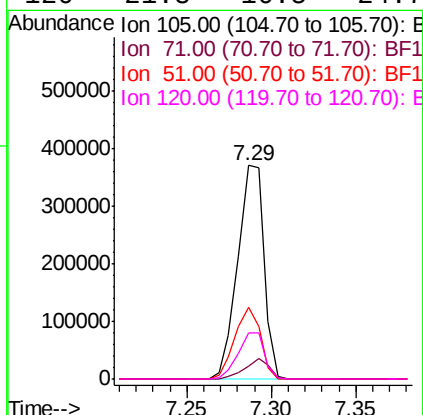
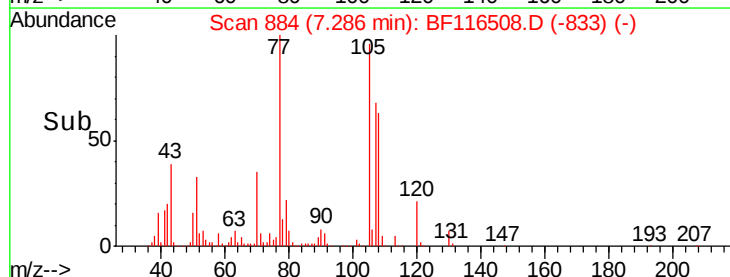
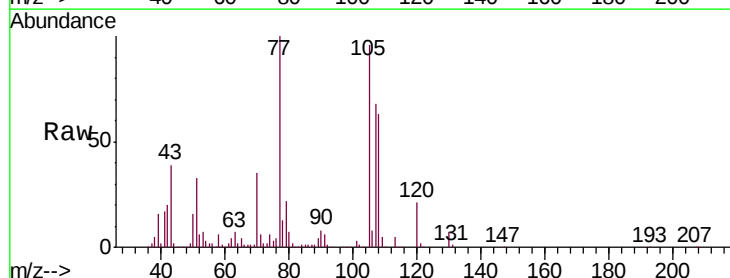
RT: 7.29 min Scan# 884

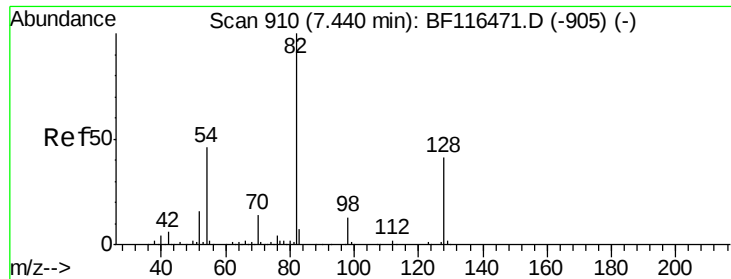
Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	4.2	6.2	
51	33.8	23.0	34.4	
120	21.8	16.5	24.7	





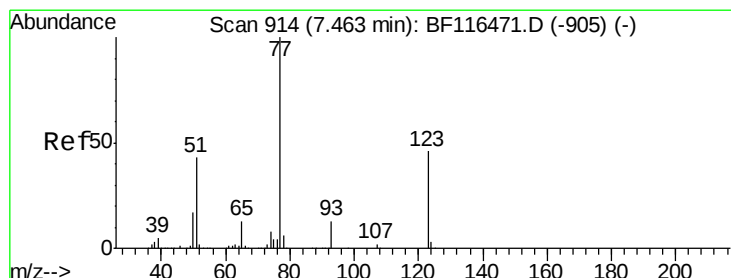
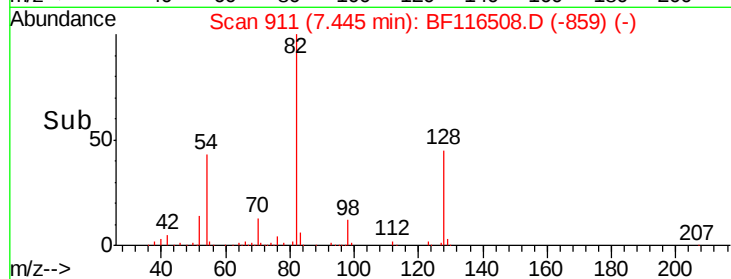
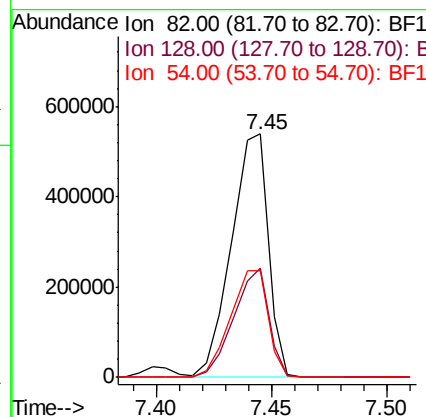
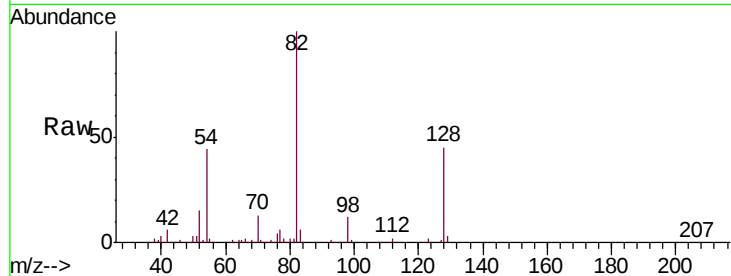
#23
 Nitrobenzene-d5
 Concen: 80.285 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampled :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	602170		
128	44.7		32.2	48.4
54	43.9		36.5	54.7

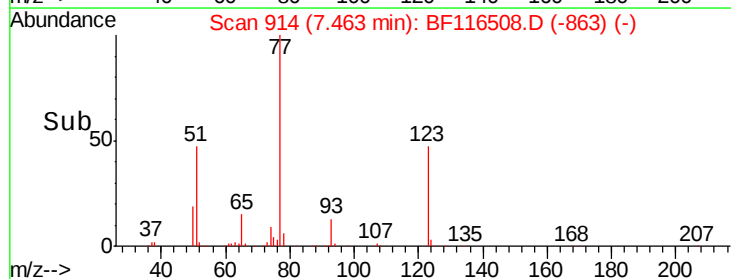
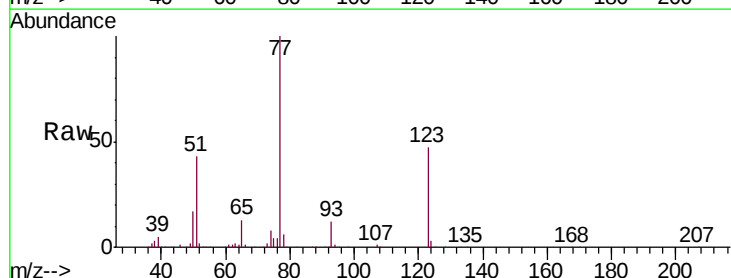
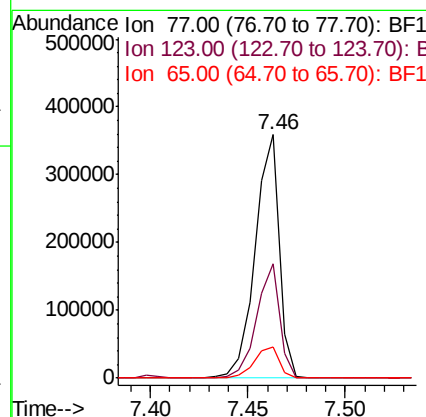
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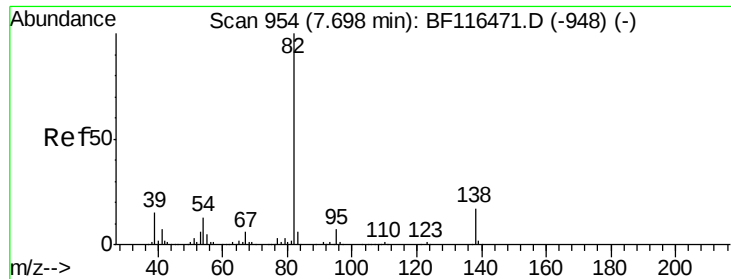
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#24
 Nitrobenzene
 Concen: 39.481 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	306671		
123	46.8		37.0	55.4
65	12.9		10.5	15.7





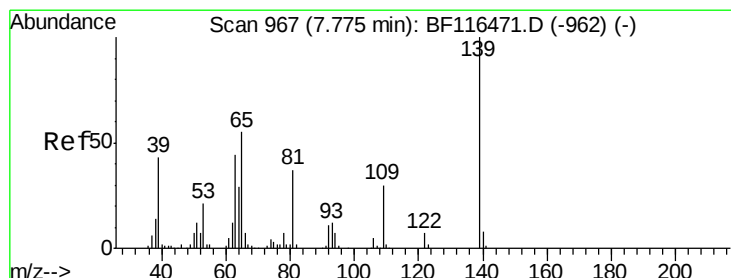
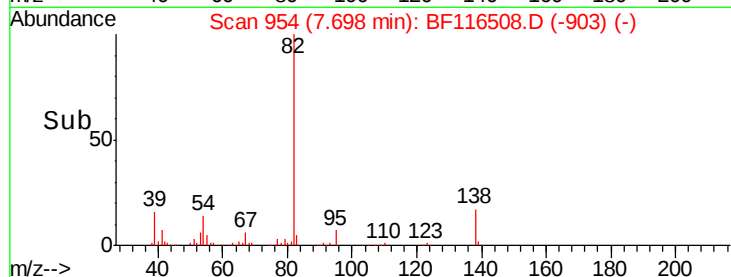
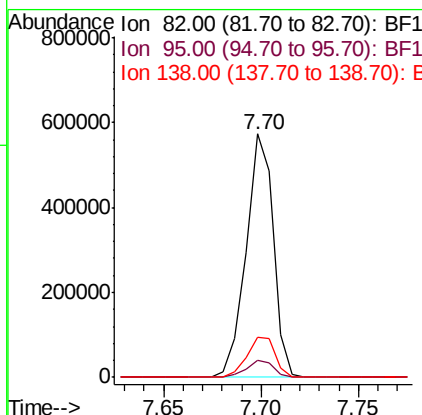
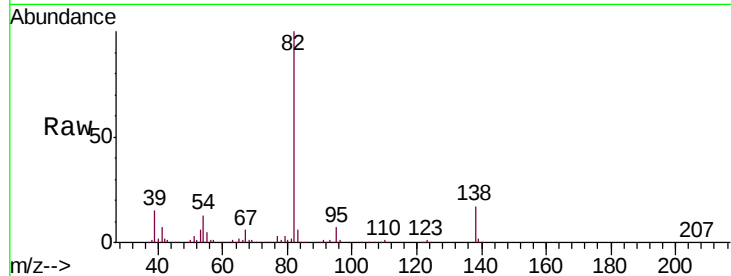
#25
Isophorone
Concen: 37.483 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.9	5.3	7.9	
138	16.5	13.3	19.9	

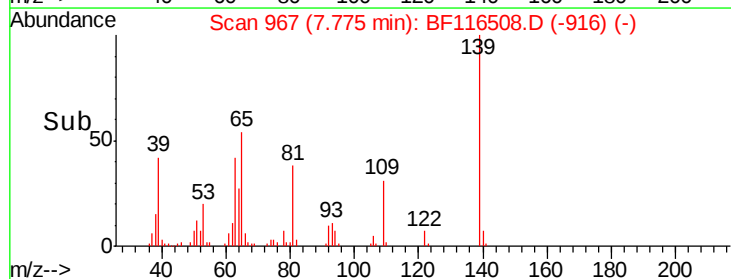
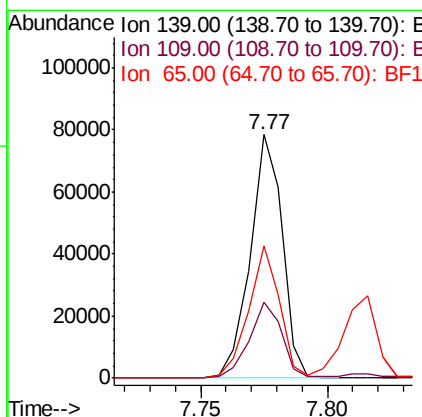
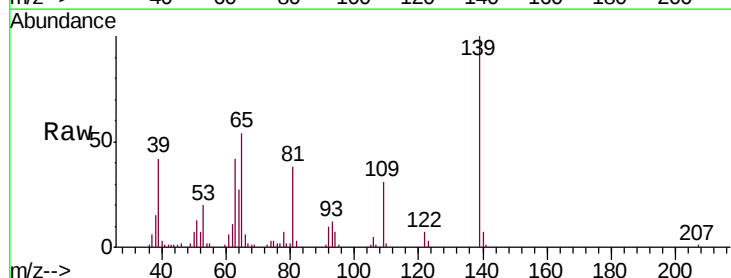
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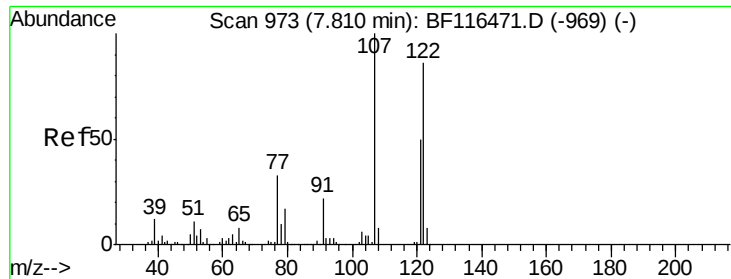
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#26
2-Nitrophenol
Concen: 24.345 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.1	24.3	36.5	
65	54.4	44.0	66.0	





#27

2,4-Dimethylphenol

Concen: 39.997 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

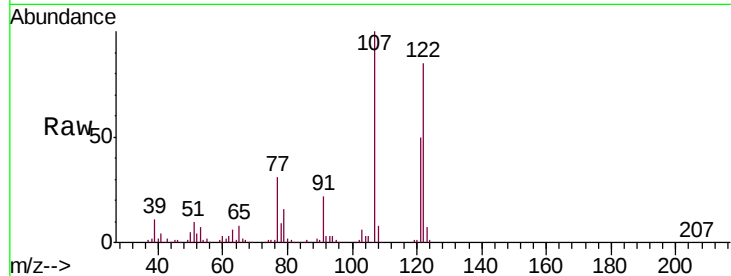
ClientSampleId :

SB-02-COMPMSD

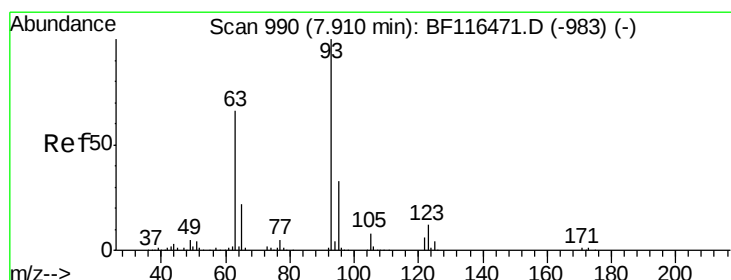
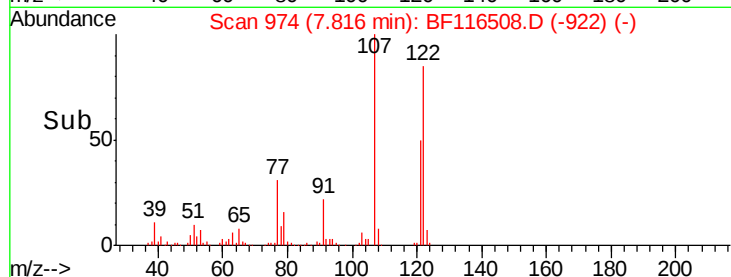
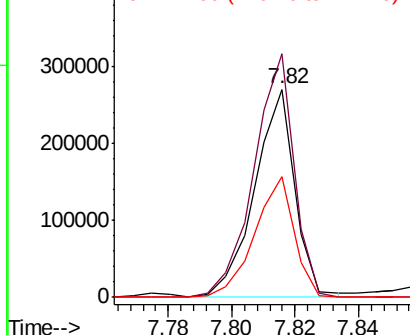
Tot Ion:	122	Resp:	236781
Ion Ratio	Lower	Upper	
122	100		
107	117.0	92.4	138.6
121	58.0	46.2	69.4

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



#28

bis(2-Chloroethoxy)methane

Concen: 37.899 ng

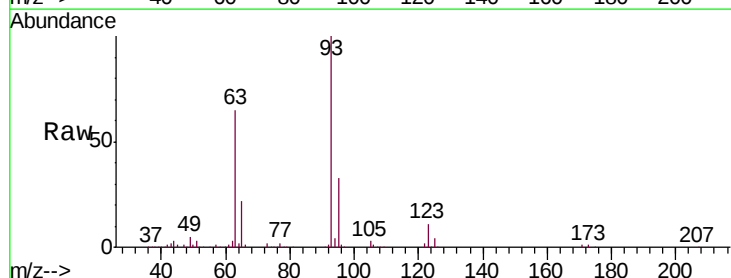
RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

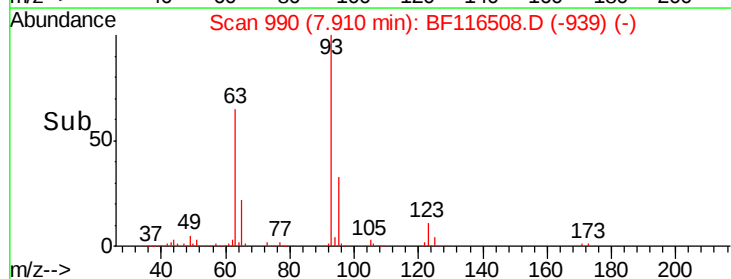
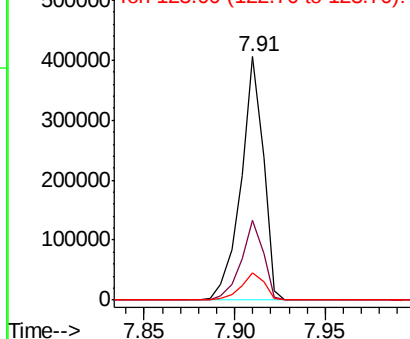
Lab File: BF116508.D

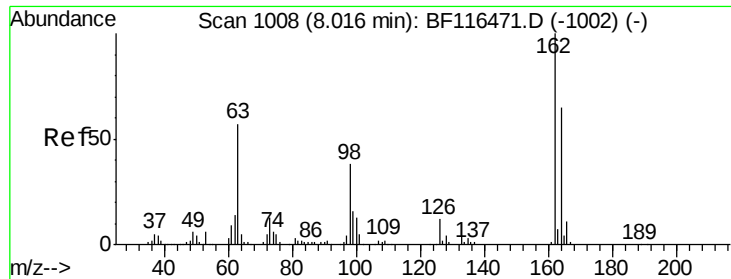
Acq: 24 Aug 2019 8:16

Tgt Ion:	93	Resp:	345938
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.4	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





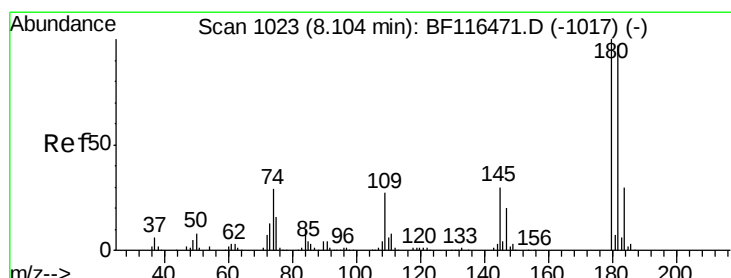
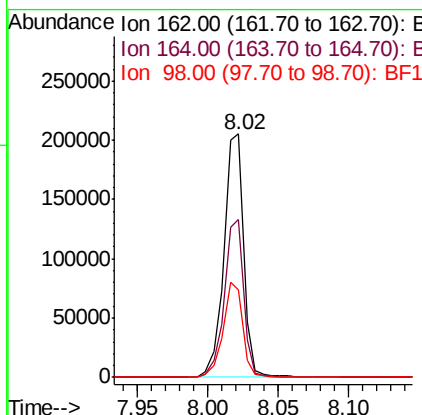
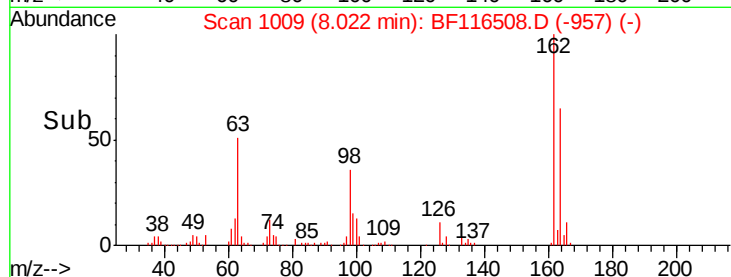
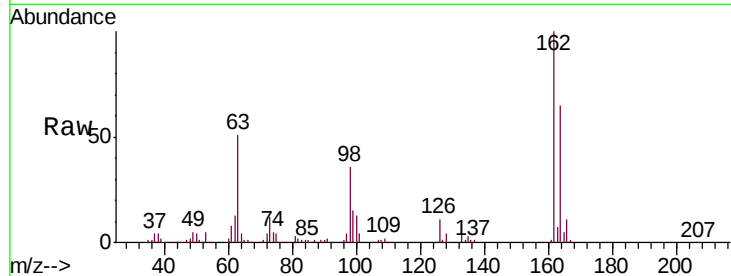
#29
 2,4-Dichlorophenol
 Concen: 35.420 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	199414		
164	64.9	44.9	84.9	
98	35.9	17.9	57.9	

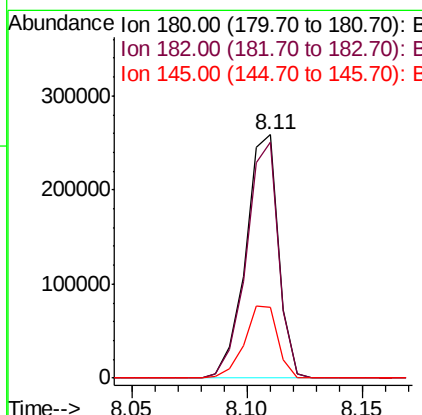
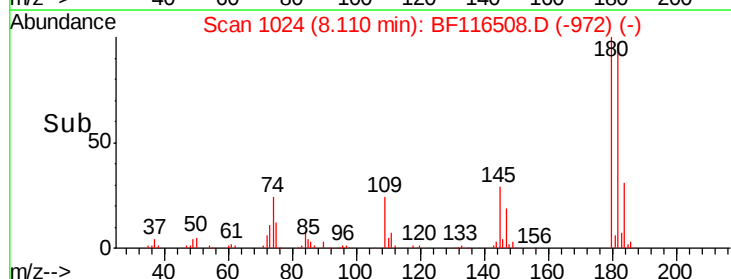
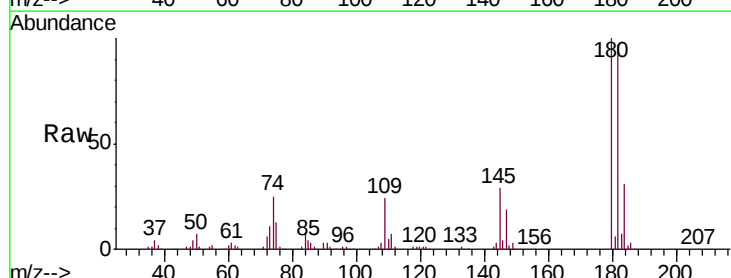
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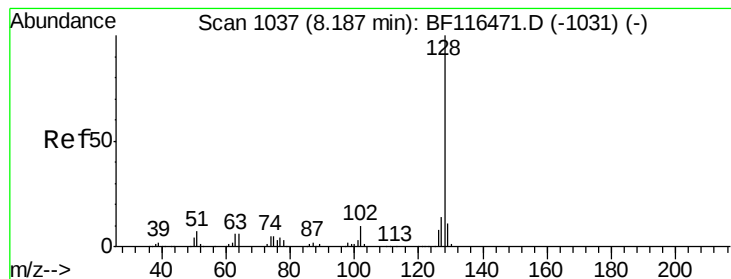
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.545 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	256975		
182	96.8	77.4	116.0	
145	29.1	24.3	36.5	





#31

Naphthalene

Concen: 40.692 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

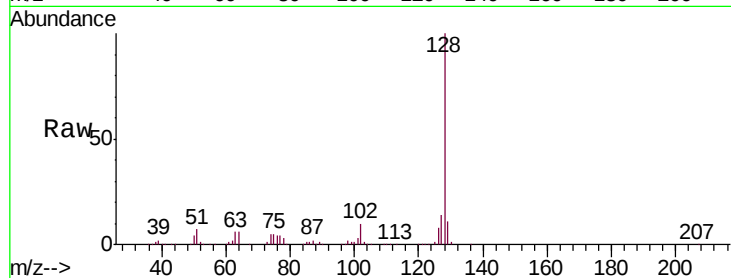
ClientSampleId :

SB-02-COMPMSD

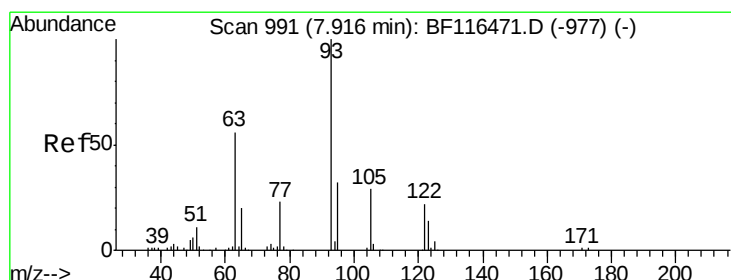
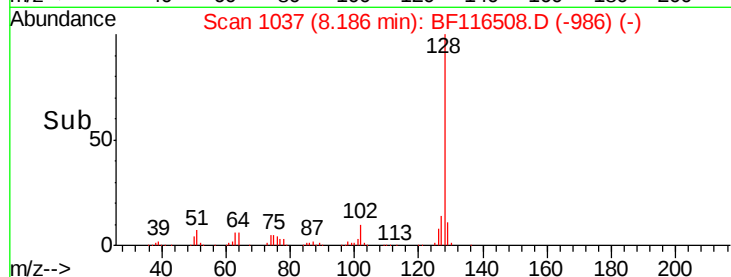
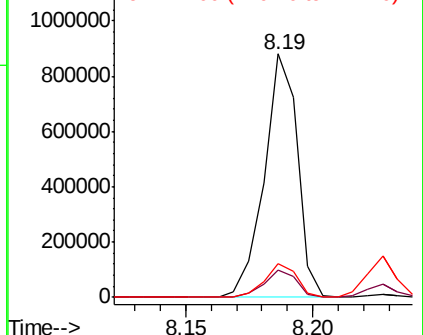
Tot Ion:128	Resp:	807776
Ion Ratio	Lower	Upper
128 100		
129 11.1	9.0	13.6
127 13.7	10.9	16.3

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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: 16.596 ng m

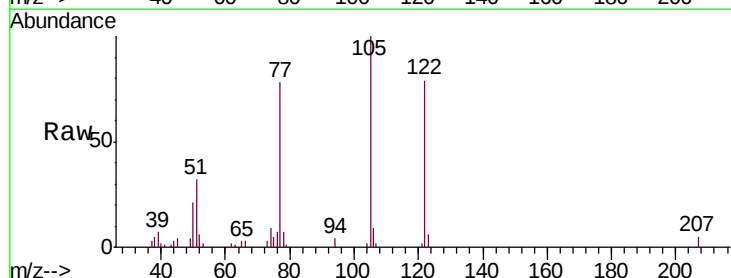
RT: 7.87 min Scan# 983

Delta R.T. -0.05 min

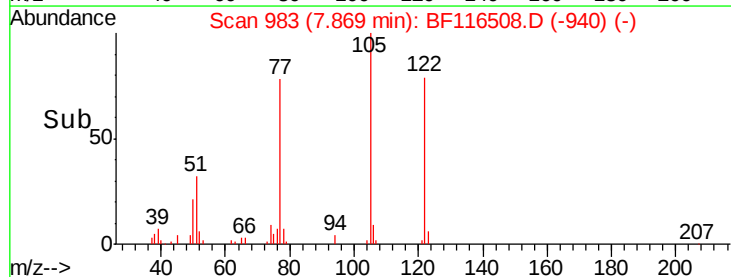
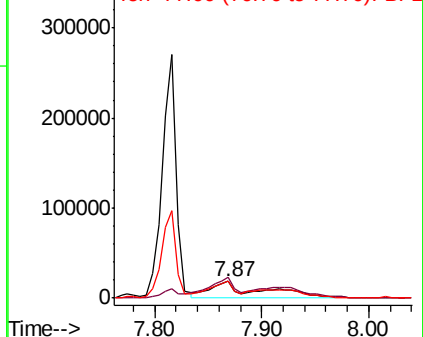
Lab File: BF116508.D

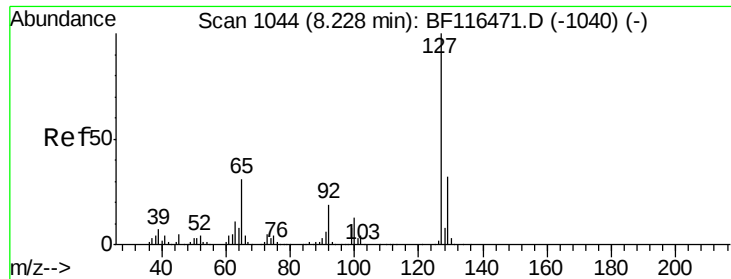
Acq: 24 Aug 2019 8:16

Tgt Ion:122	Resp:	62811
Ion Ratio	Lower	Upper
122 100		
105 126.4	109.9	149.9
77 98.6	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





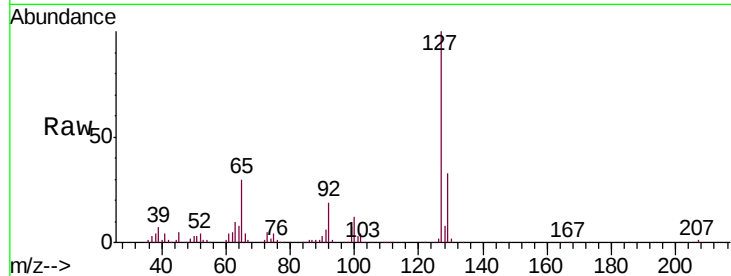
#33
4-Chloroaniline
Concen: 14.455 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
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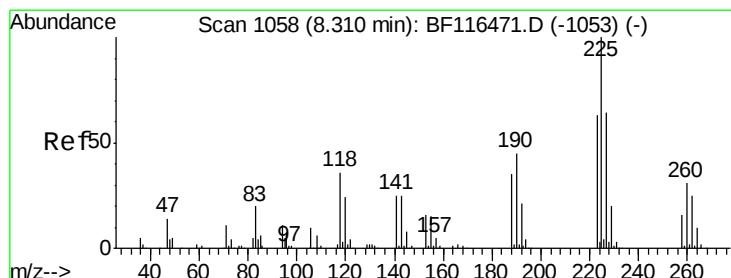
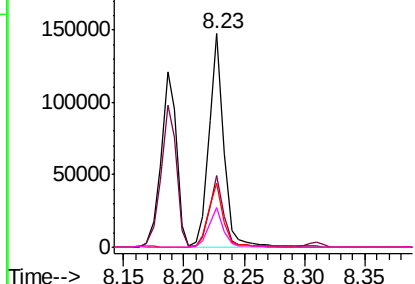
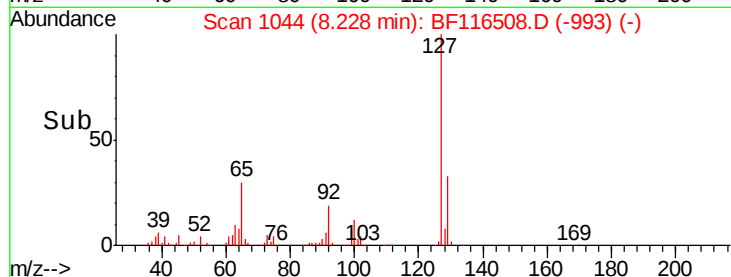
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	25.7	38.5		
65	30.0	25.0	37.6		
92	18.6	15.0	22.6		

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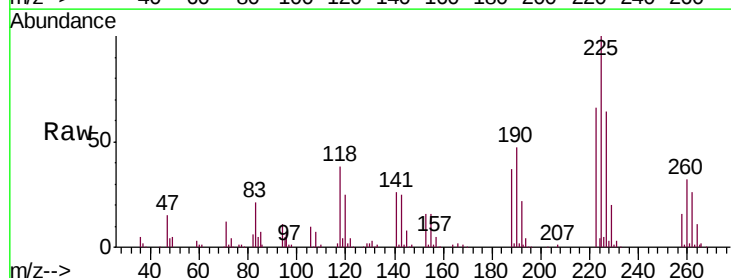


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

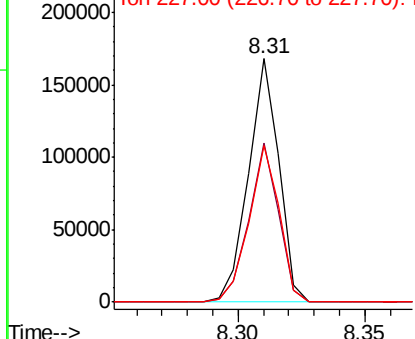
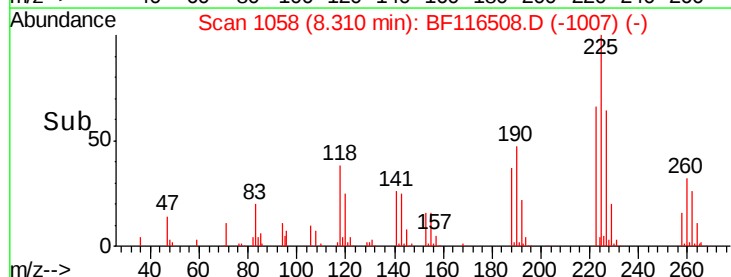


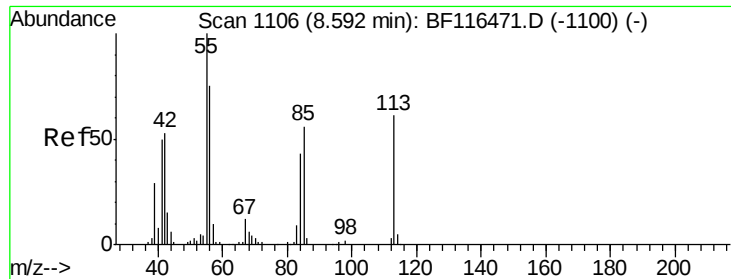
#34
Hexachlorobutadiene
Concen: 40.564 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.6	50.3	75.5		
227	64.3	51.0	76.4		



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





#35

Caprolactam

Concen: 27.663 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

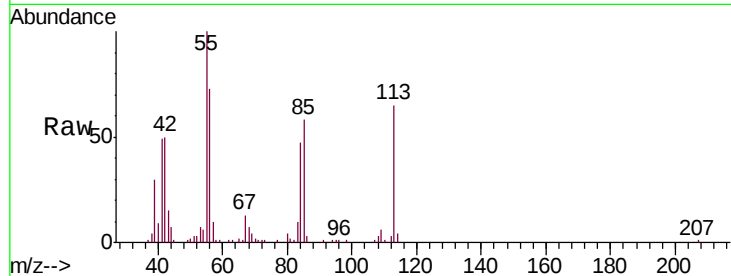
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	113	Resp:	54249
Ion	Ratio	Lower	Upper
113	100		
55	153.0	143.6	183.6
56	112.4	102.3	142.3

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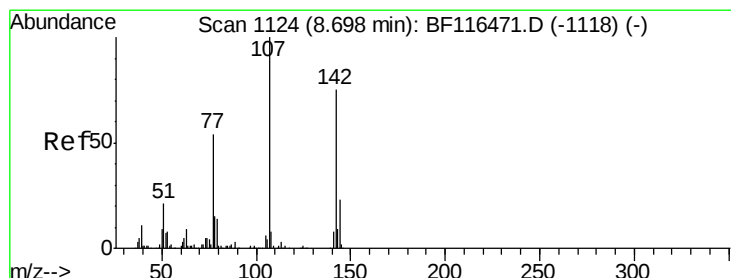
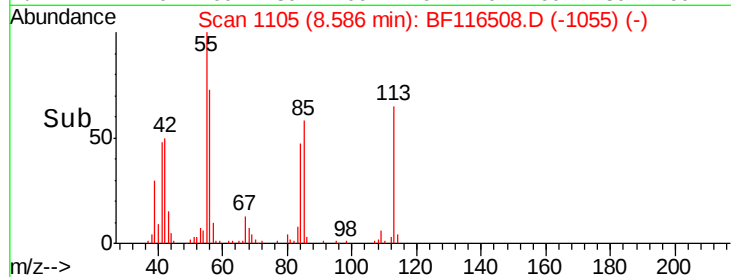
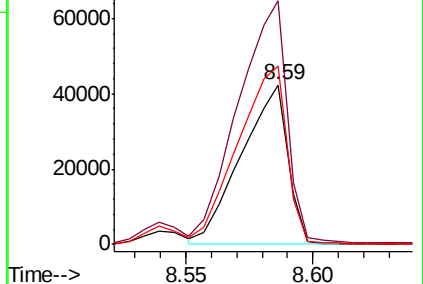
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.129 ng

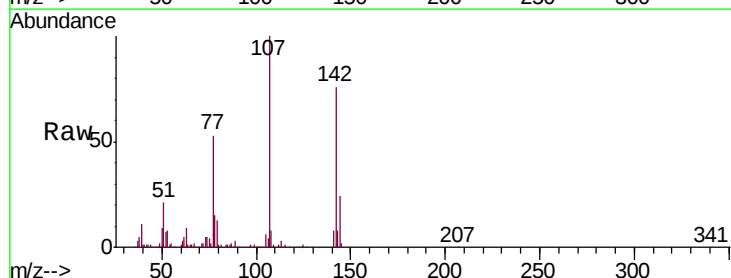
RT: 8.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

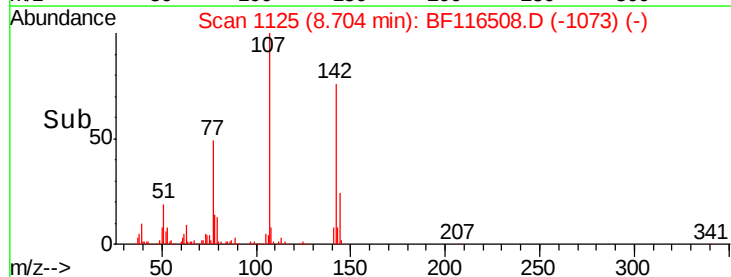
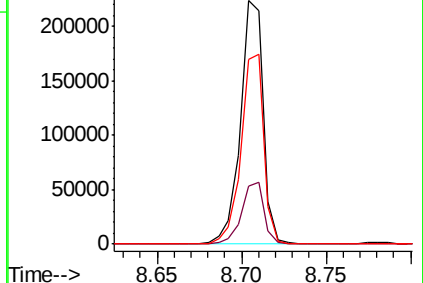
Tgt Ion:	107	Resp:	210444
Ion	Ratio	Lower	Upper
107	100		
144	23.8	18.8	28.2
142	75.8	59.8	89.6

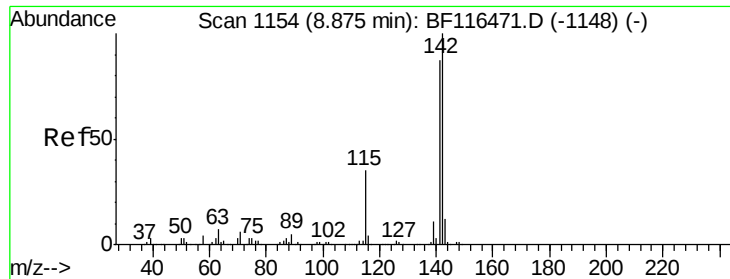


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





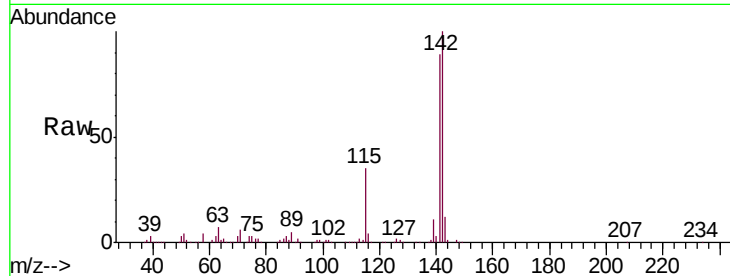
#37
2-Methylnaphthalene
Concen: 38.016 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.6
115	34.7	27.7	41.5

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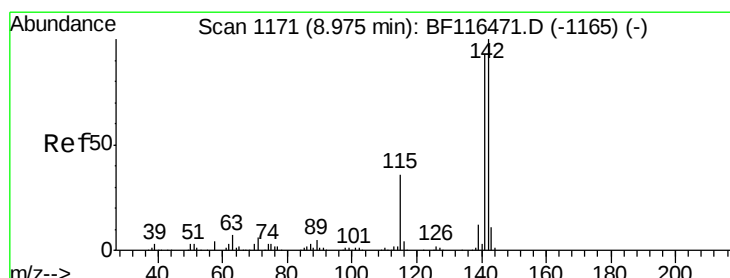
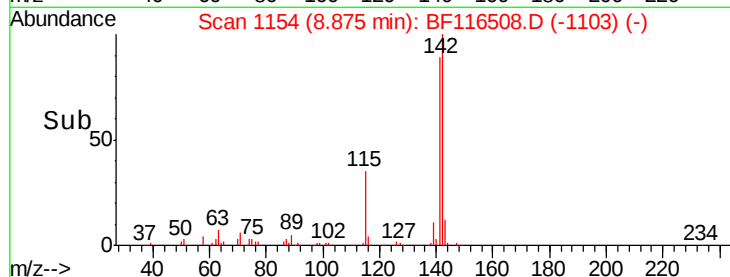
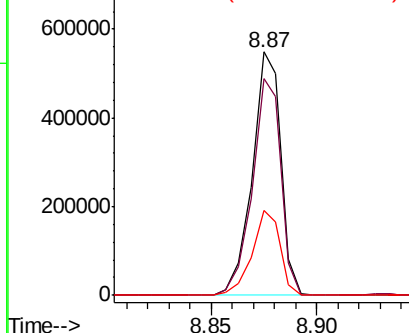


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.308 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

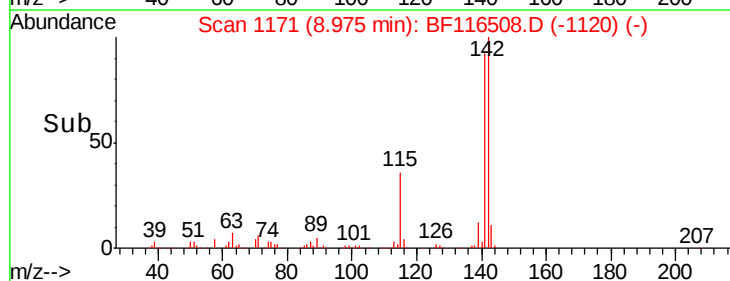
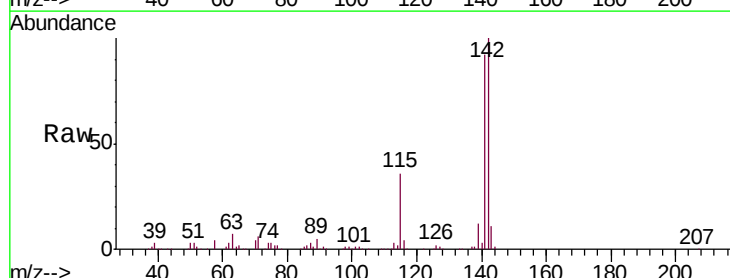
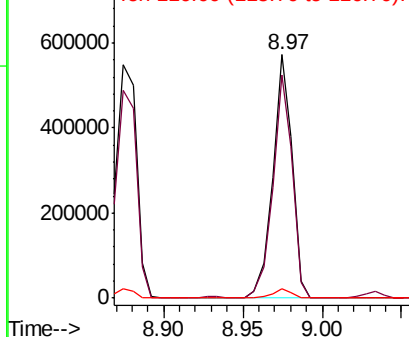
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.2
116	3.8	2.9	4.3

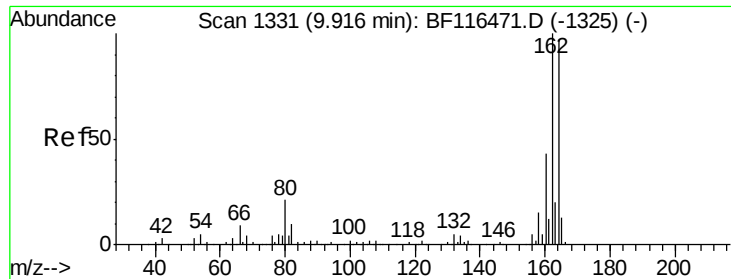
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





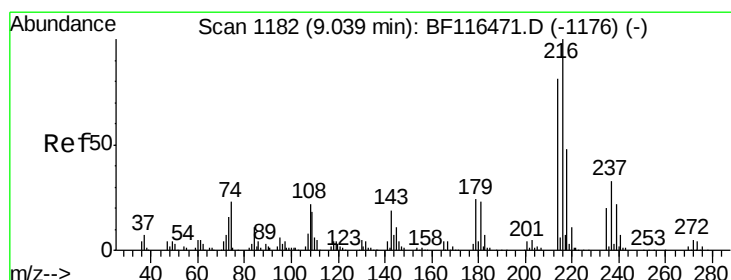
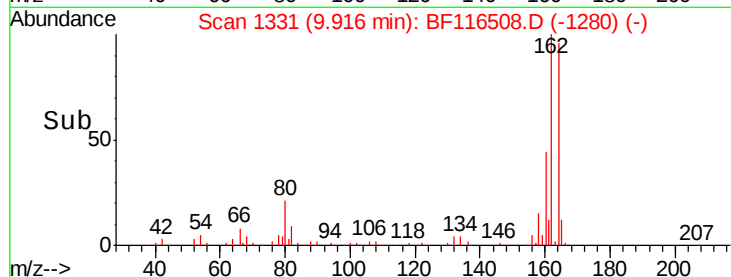
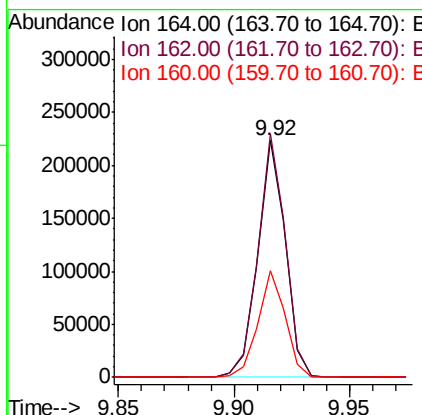
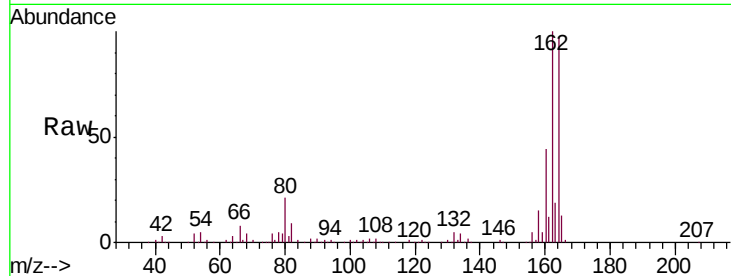
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	82.6	123.8	
160	45.2	35.8	53.8	

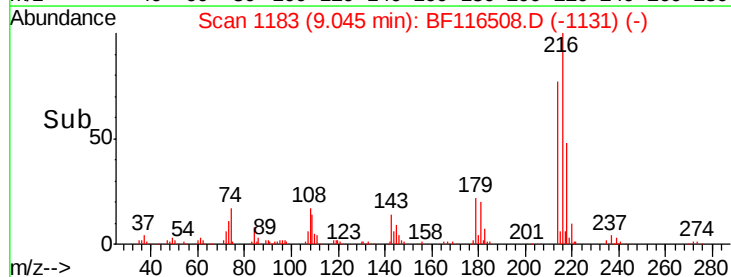
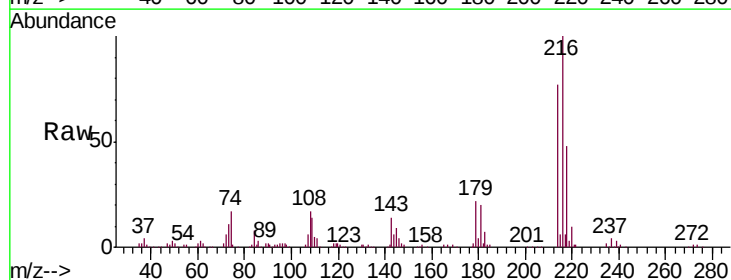
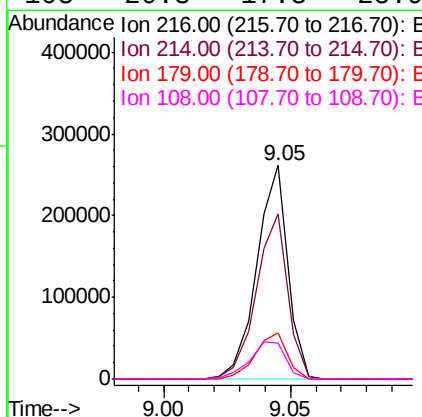
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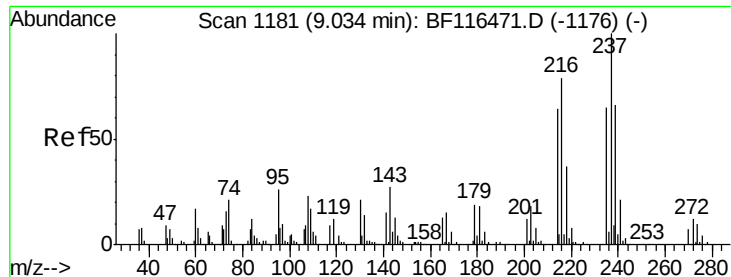
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.518 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	63.8	95.8	
179	22.5	18.5	27.7	
108	20.3	17.3	25.9	





#41

Hexachlorocyclopentadiene

Concen: 34.201 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

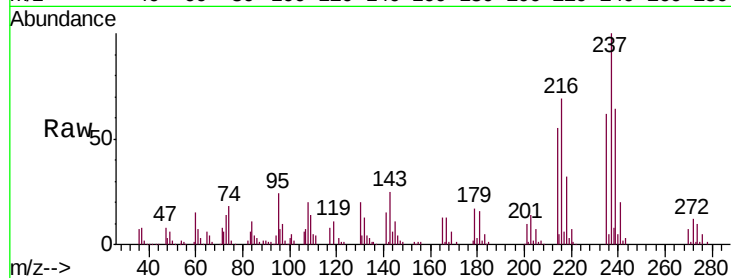
ClientSampleId :

SB-02-COMPMSD

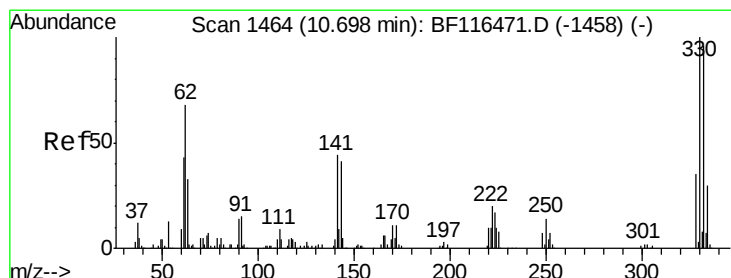
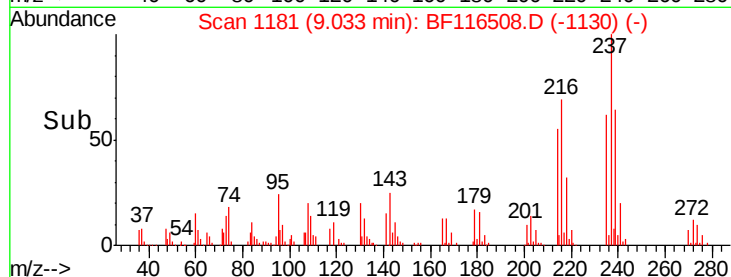
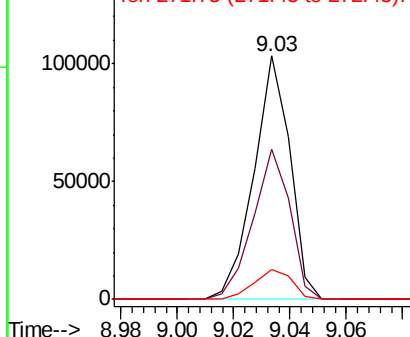
Tot Ion:	237	Resp:	92092
Ion Ratio	Lower	Upper	
237	100		
235	61.7	44.8	84.8
272	12.4	0.0	32.5

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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: 90.387 ng

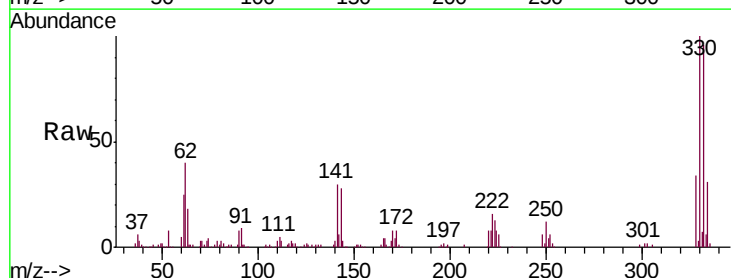
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

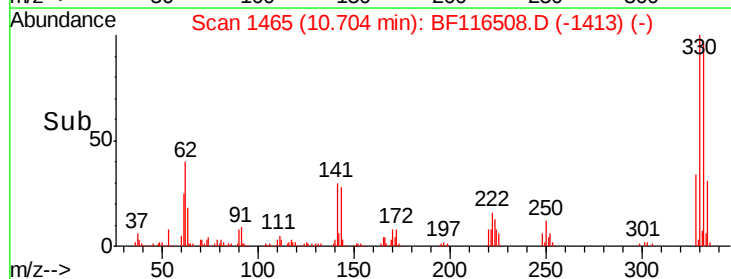
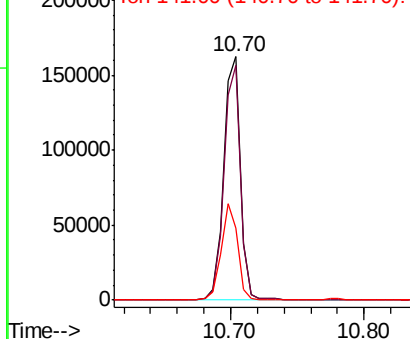
Lab File: BF116508.D

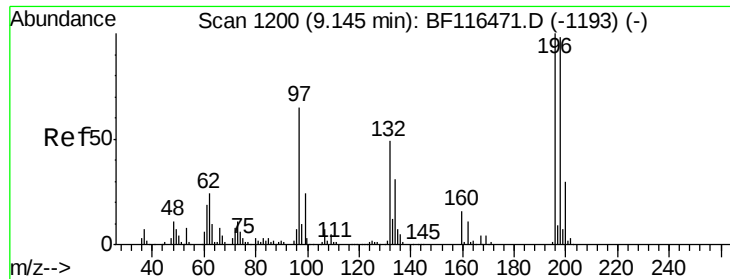
Acq: 24 Aug 2019 8:16

Tgt Ion:	330	Resp:	144373
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.2	115.8
141	38.6	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: 35.364 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

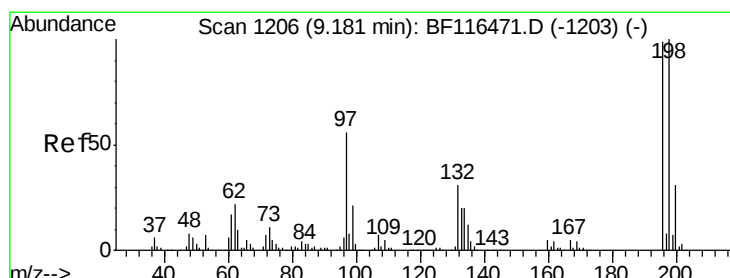
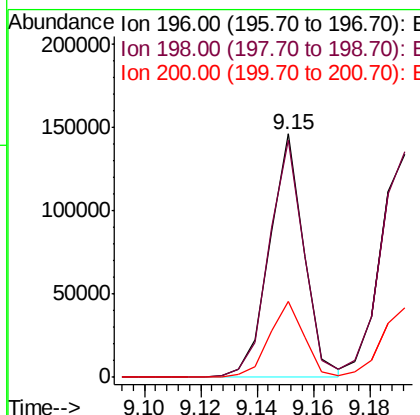
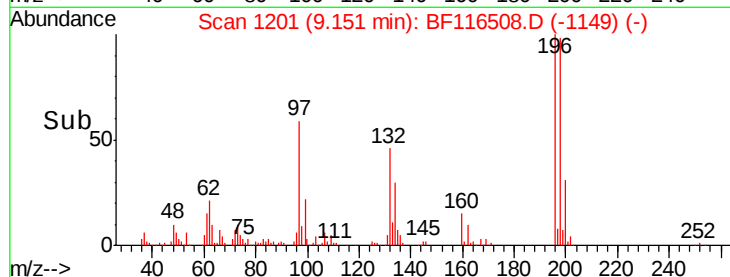
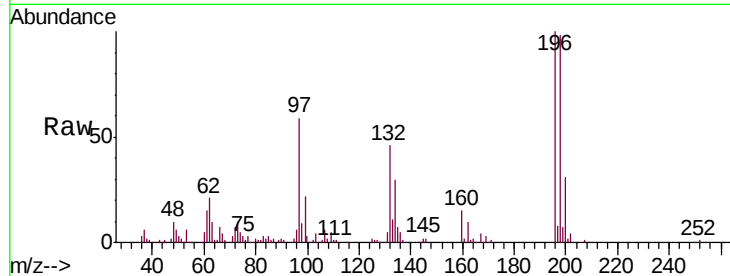
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	196	Resp:	123868
Ion Ratio	Lower	Upper	
196	100		
198	97.6	78.0	117.0
200	31.2	24.2	36.2

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#44

2,4,5-Trichlorophenol

Concen: 34.247 ng

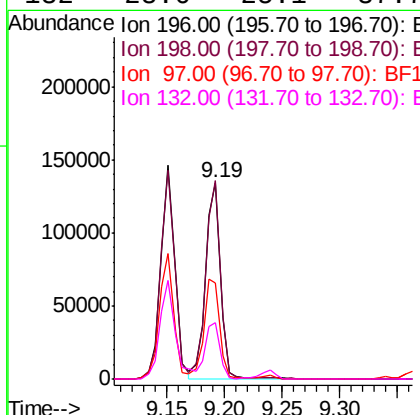
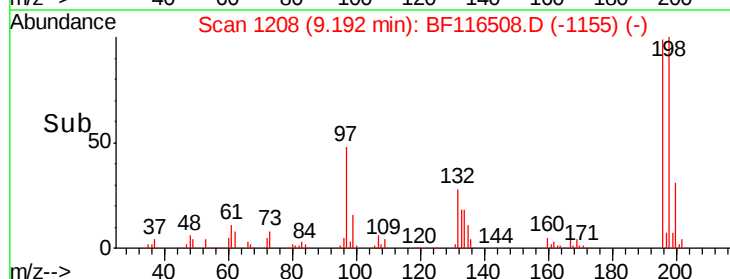
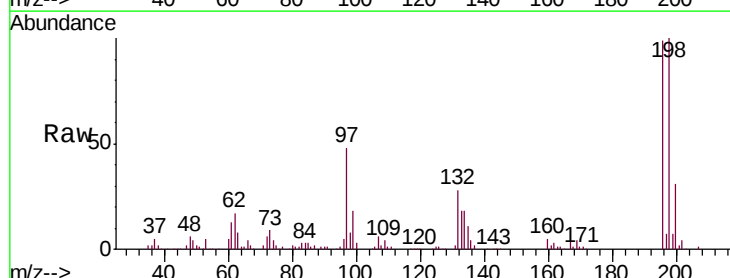
RT: 9.19 min Scan# 1208

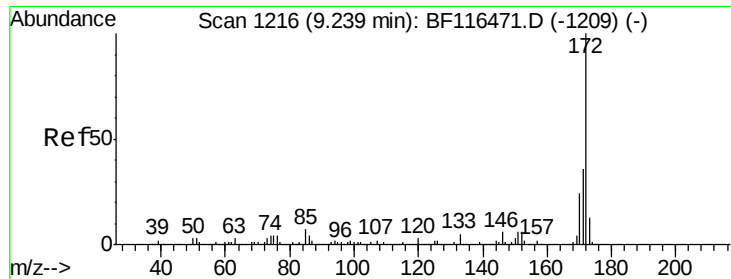
Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:	196	Resp:	122055
Ion Ratio	Lower	Upper	
196	100		
198	101.1	80.8	121.2
97	48.9	45.7	68.5
132	28.6	25.1	37.7





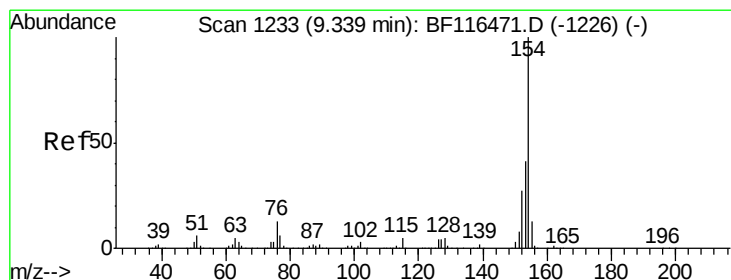
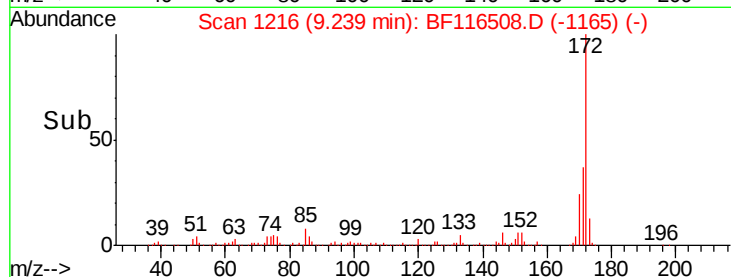
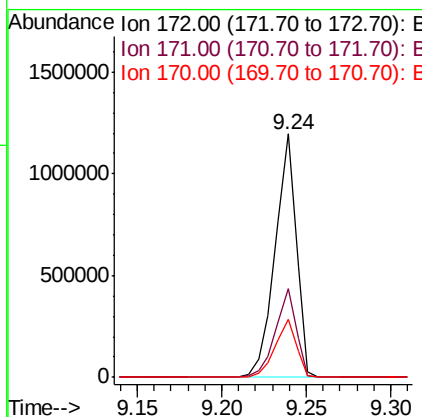
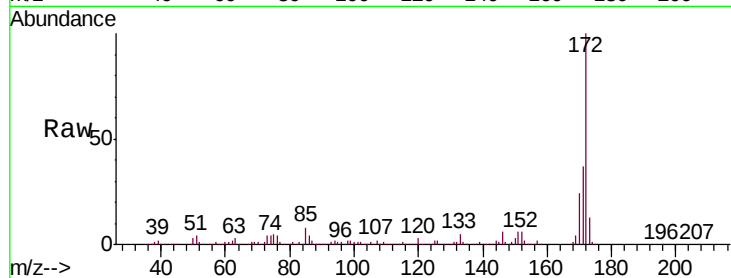
#45
2-Fluorobiphenyl
Concen: 90.063 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.0	19.4	29.0

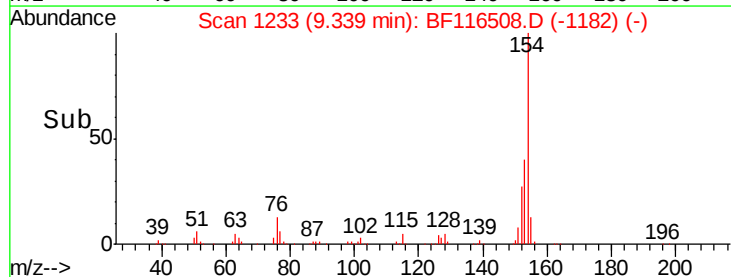
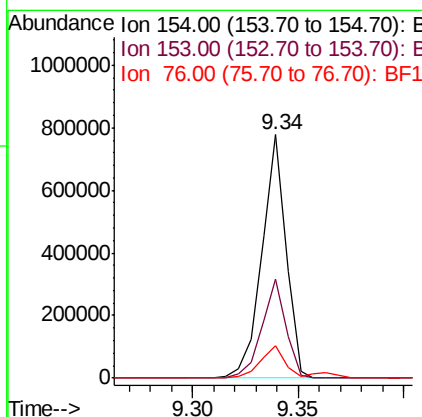
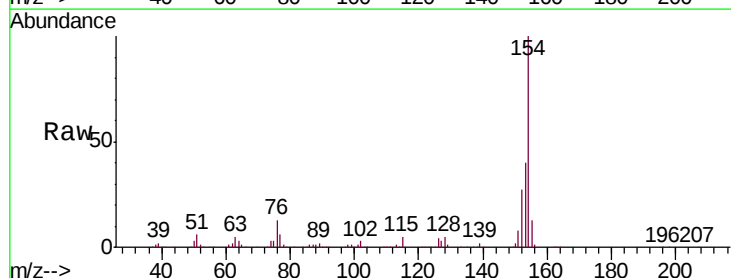
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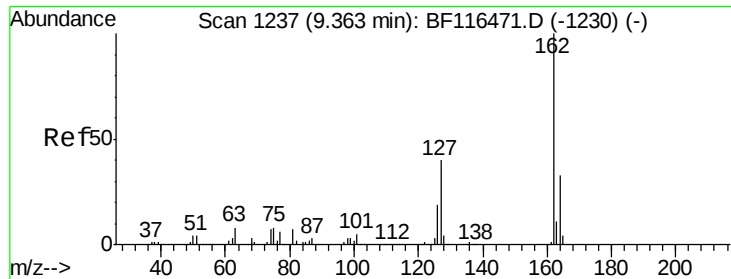
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#46
1,1'-Biphenyl
Concen: 41.650 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.4	0.0	32.9





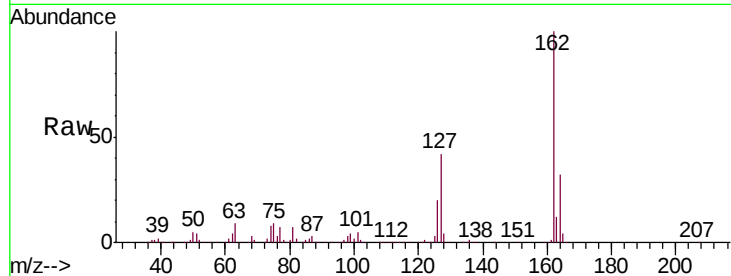
#47
2-Chloronaphthalene
Concen: 40.014 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		461362		
127	41.6	32.5	48.7		
164	32.5	26.7	40.1		

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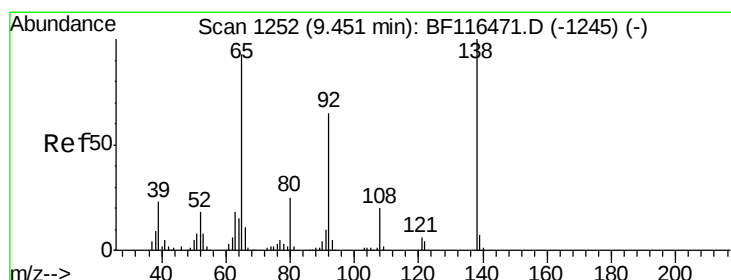
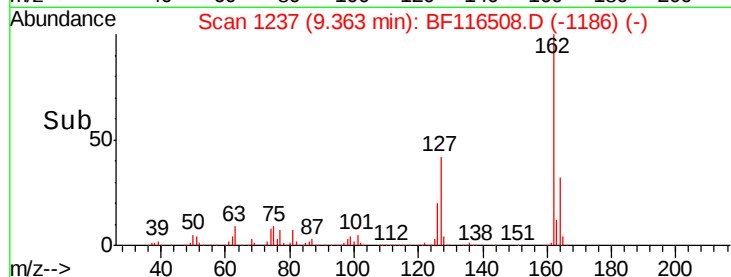
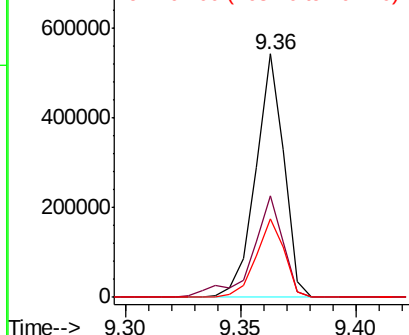


Abundance

Ion 162.00 (161.70 to 162.70): E

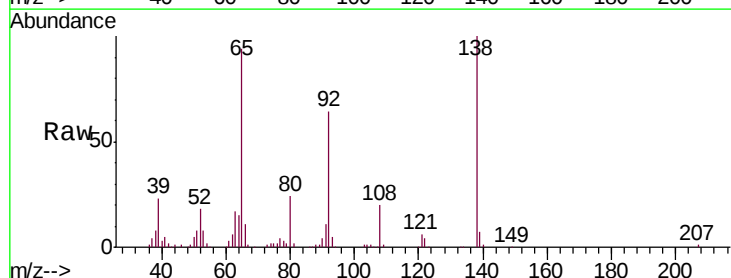
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.431 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		132143		
92	68.8	56.2	84.2		
138	106.8	86.0	129.0		

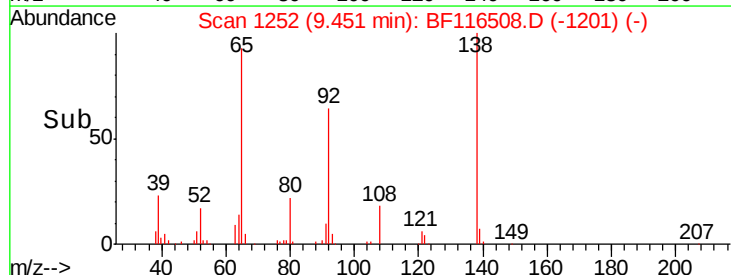
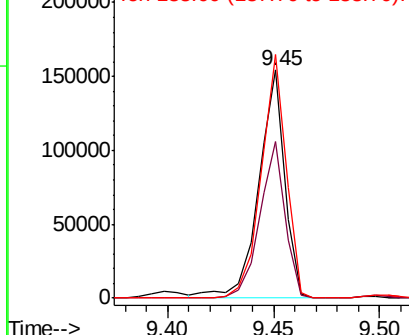


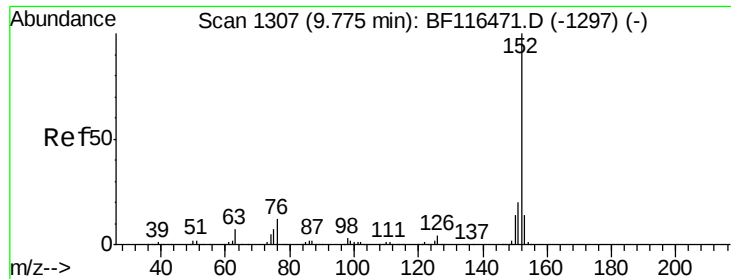
Abundance

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





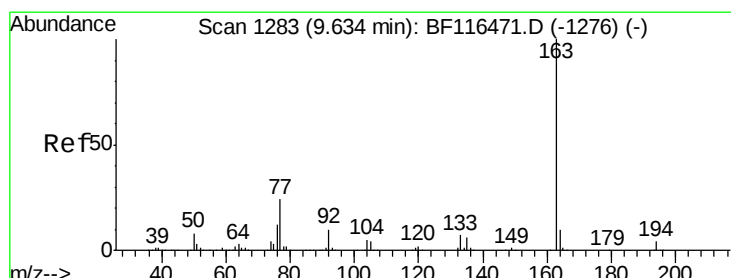
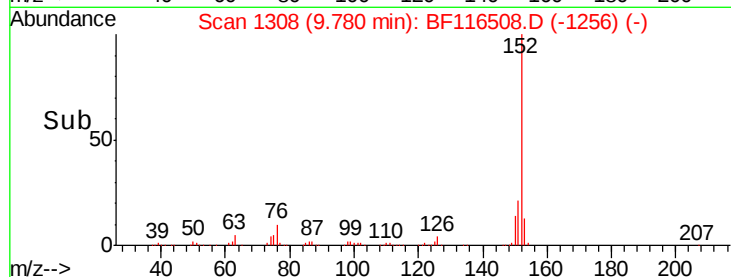
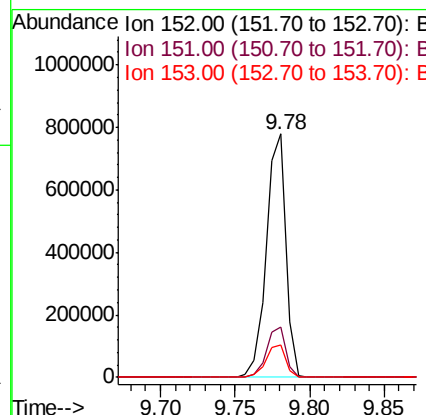
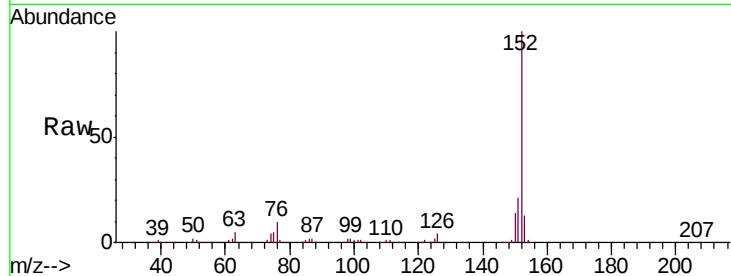
#49
Acenaphthylene
Concen: 41.135 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	13.3	11.4	17.0

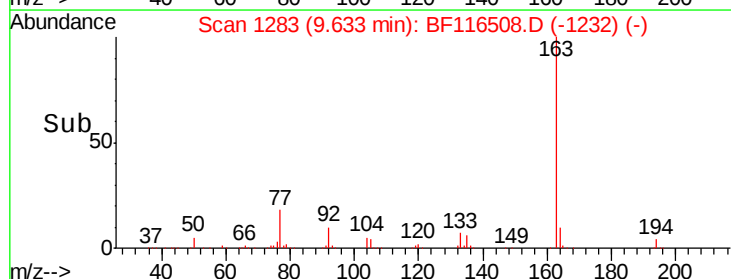
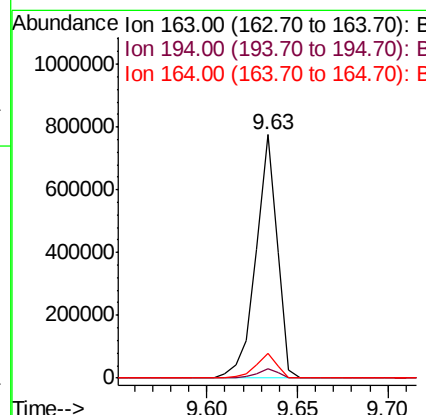
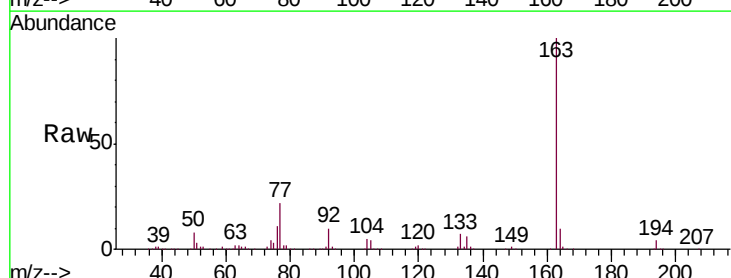
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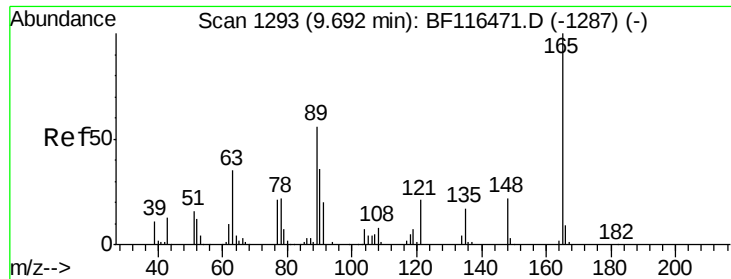
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#50
Dimethylphthalate
Concen: 48.668 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.3	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 35.433 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

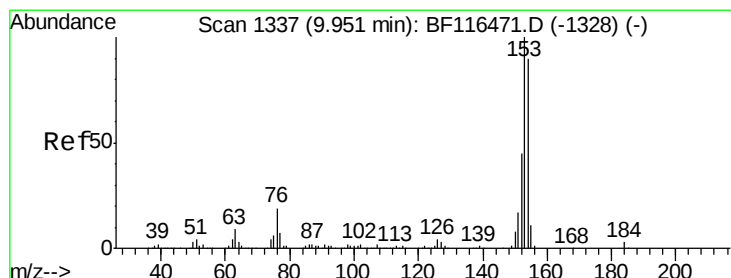
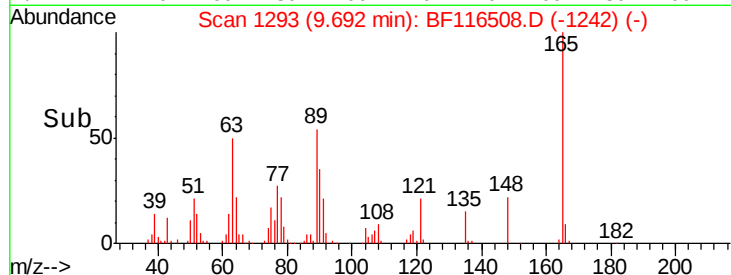
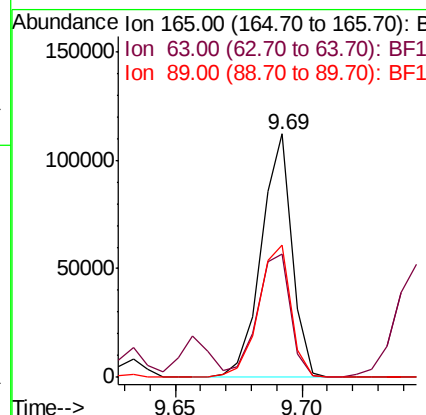
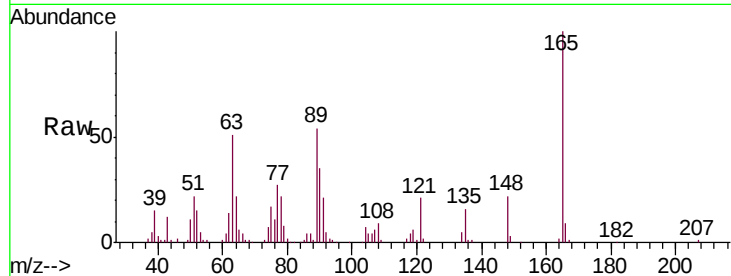
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	165	Resp:	94127
Ion Ratio	Lower	Upper	
165	100		
63	50.7	43.7	65.5
89	54.2	45.1	67.7

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#52

Acenaphthene

Concen: 38.603 ng

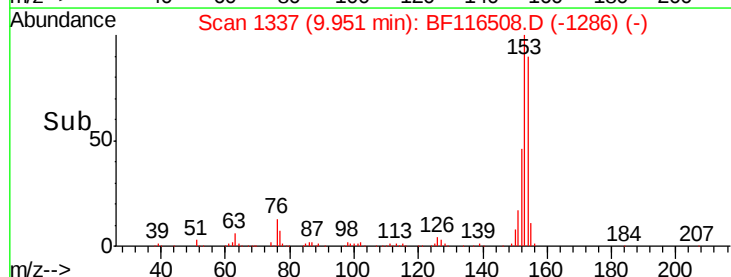
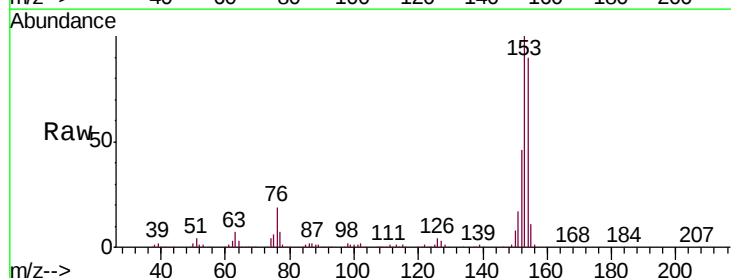
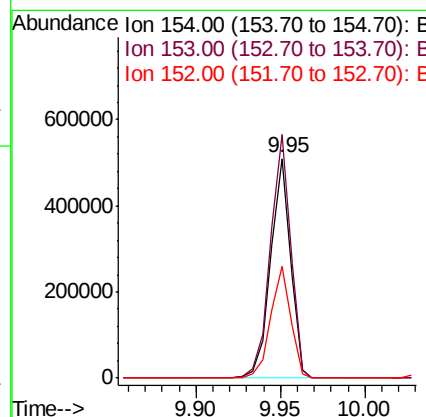
RT: 9.95 min Scan# 1337

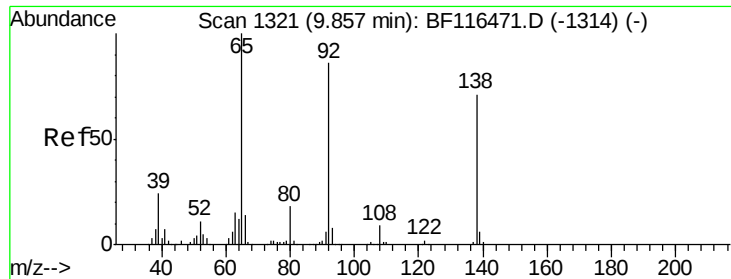
Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:	154	Resp:	417846
Ion Ratio	Lower	Upper	
154	100		
153	110.8	89.3	133.9
152	51.1	40.2	60.4





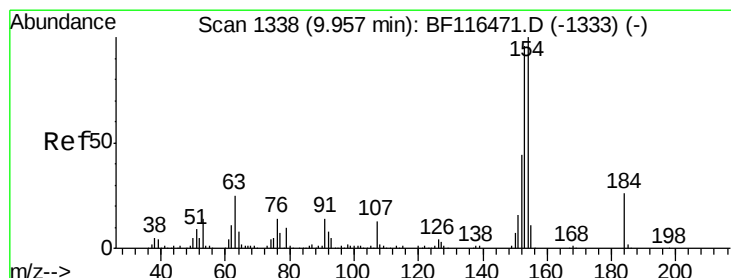
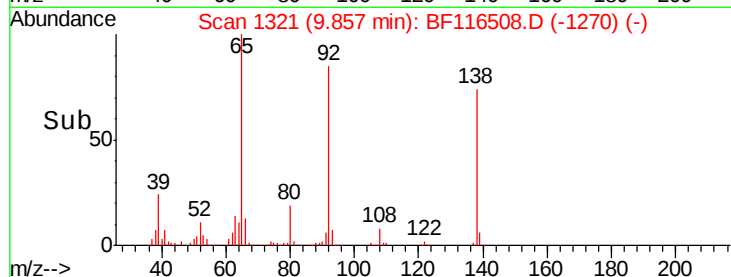
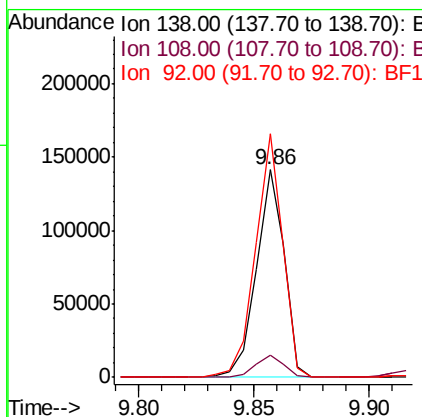
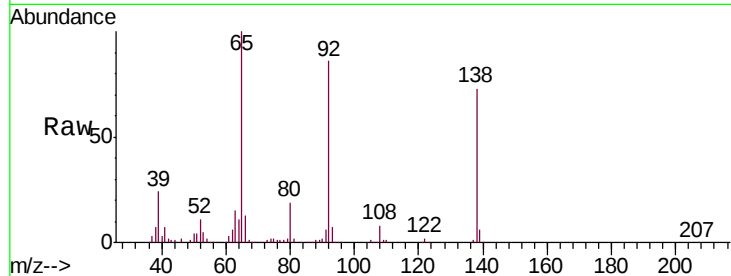
#53
3-Nitroaniline
Concen: 37.481 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.0	15.0
92	117.2	97.7	146.5

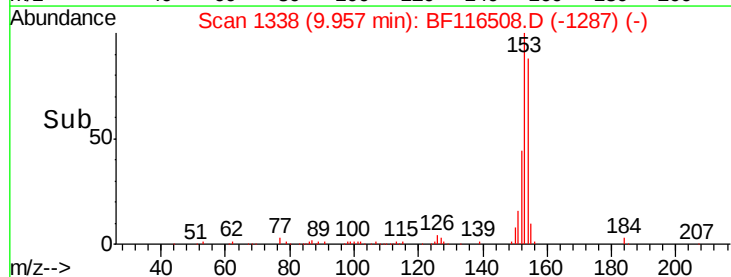
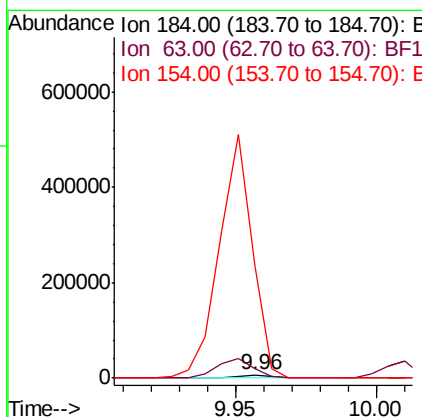
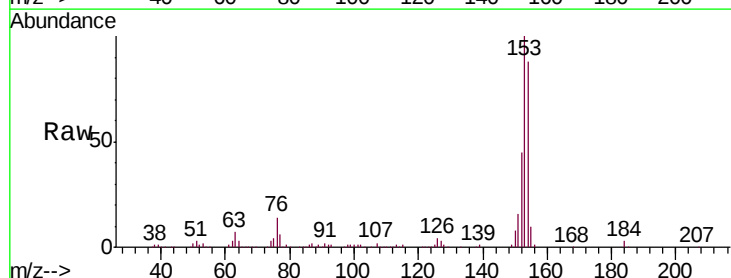
Manual Integrations
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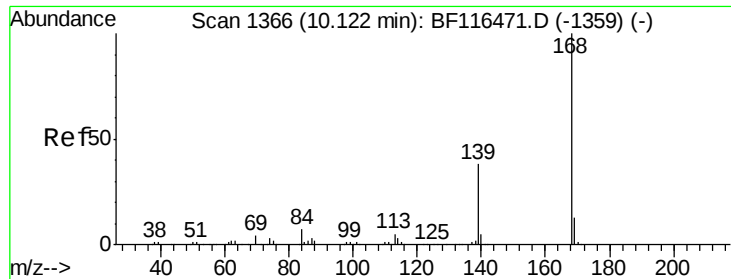
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#54
2,4-Dinitrophenol
Concen: 13.634 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
184	100		
63	248.7	78.2	117.4#
154	3094.4	320.4	480.6#





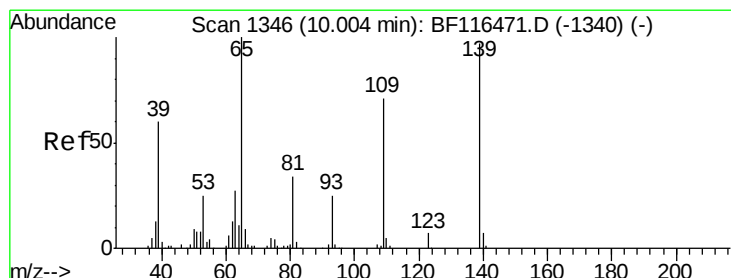
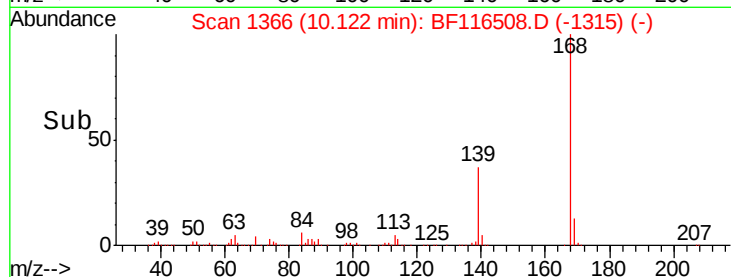
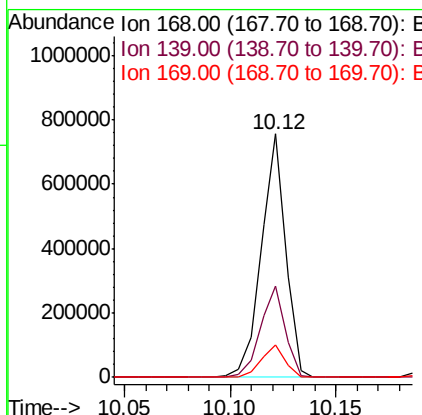
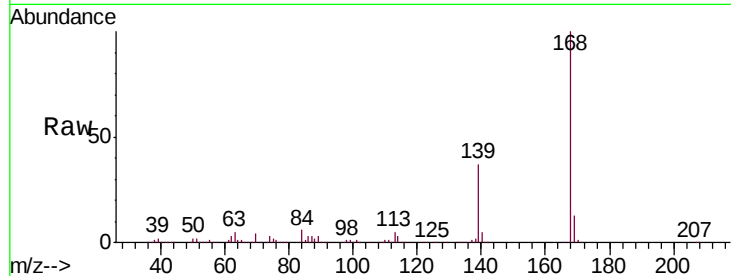
#55
Dibenzofuran
Concen: 40.211 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.7	46.1
169	13.2	10.7	16.1

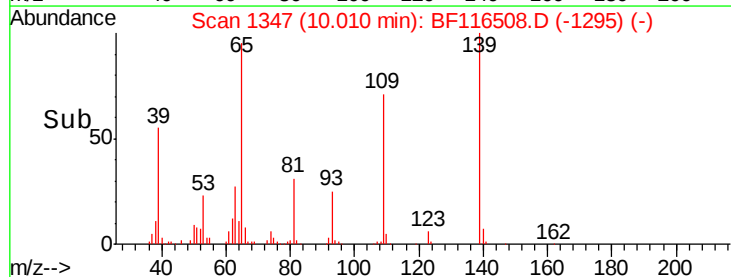
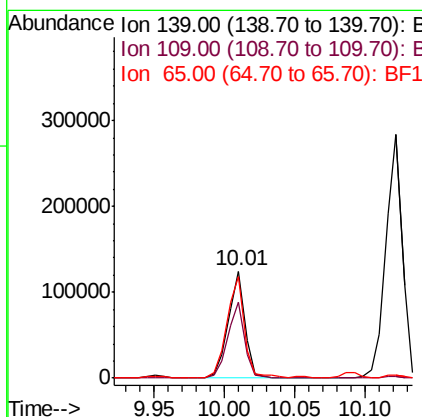
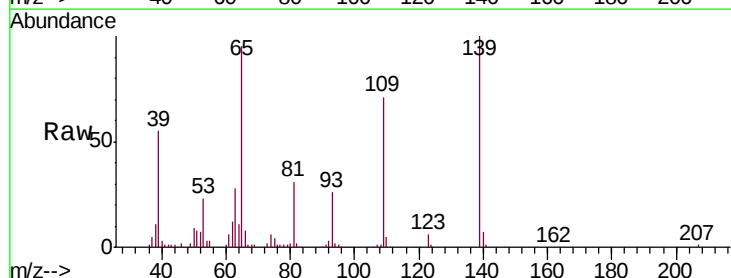
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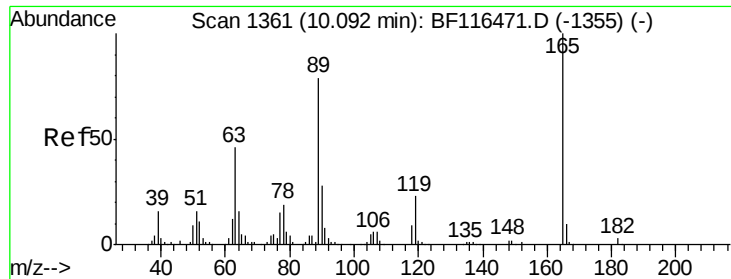
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#56
4-Nitrophenol
Concen: 42.048 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	53.4	93.4
65	94.8	83.0	123.0





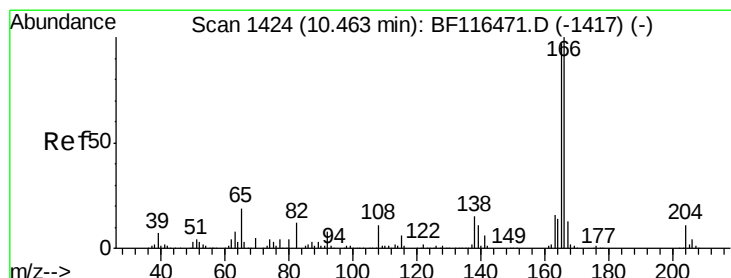
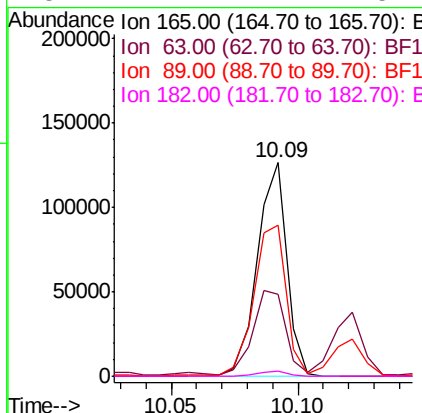
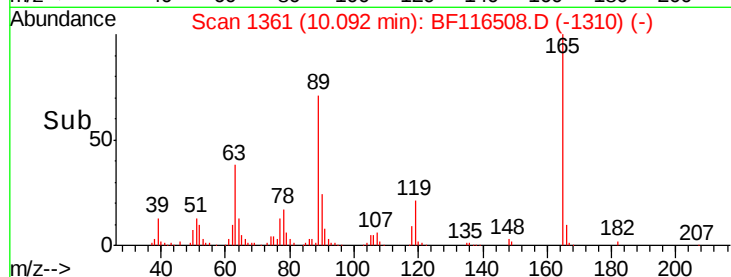
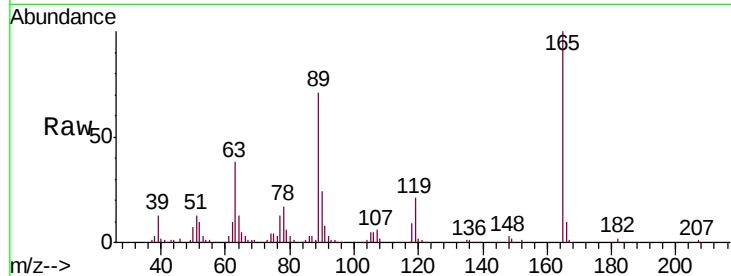
#57
 2,4-Dinitrotoluene
 Concen: 30.594 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	103417		
63	38.1	36.9	55.3	
89	70.7	63.4	95.0	
182	2.4	2.1	3.1	

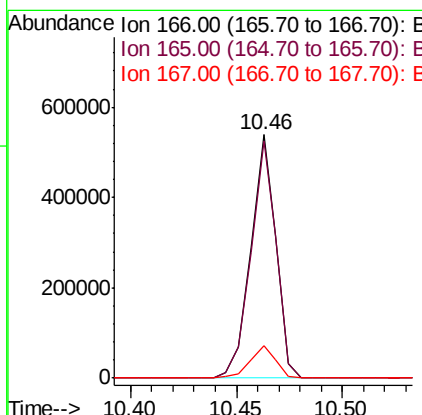
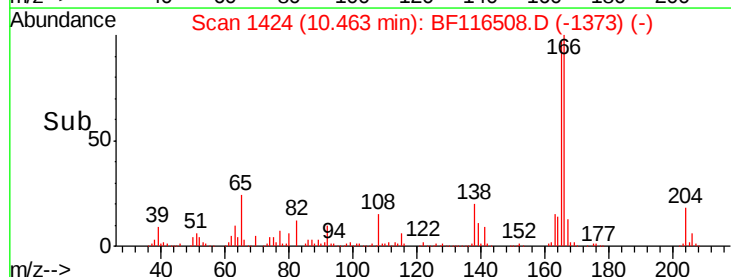
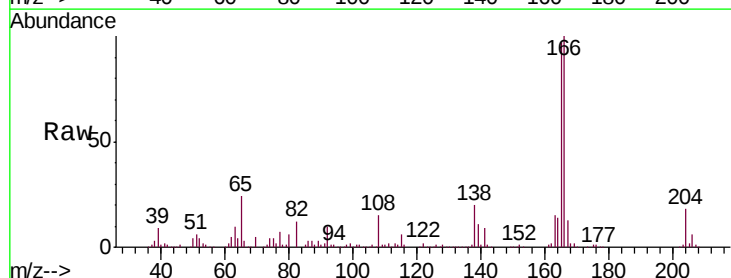
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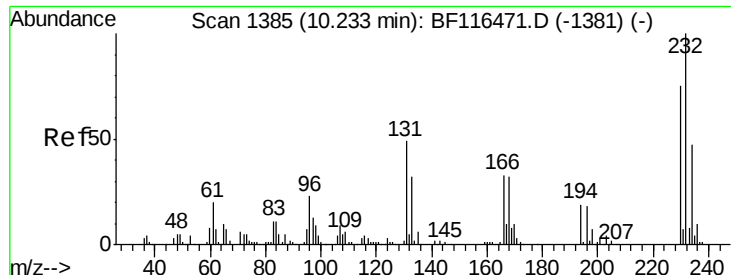
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#58
 Fluorene
 Concen: 38.001 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	445486		
165	97.4	77.4	116.0	
167	13.2	10.8	16.2	





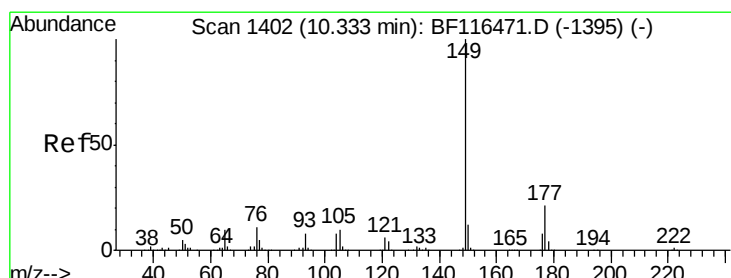
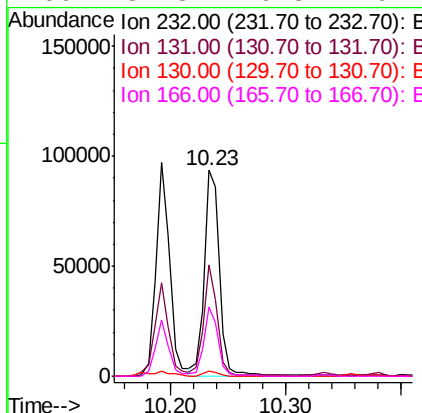
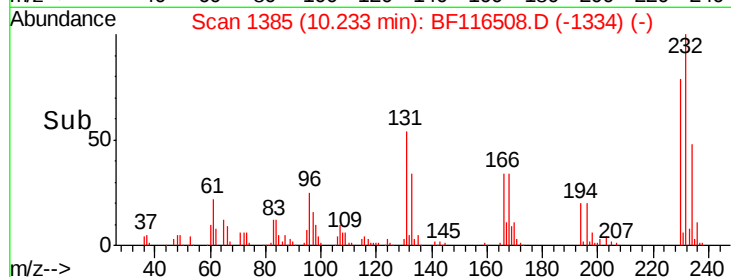
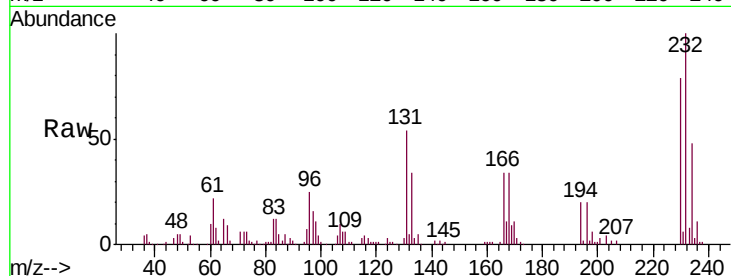
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 30.203 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	88385		
131	48.8		40.8	61.2
130	2.4		1.8	2.8
166	31.3		26.8	40.2

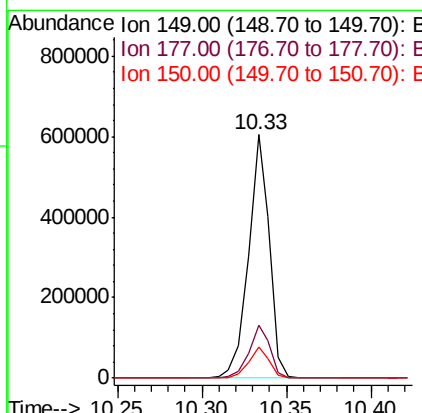
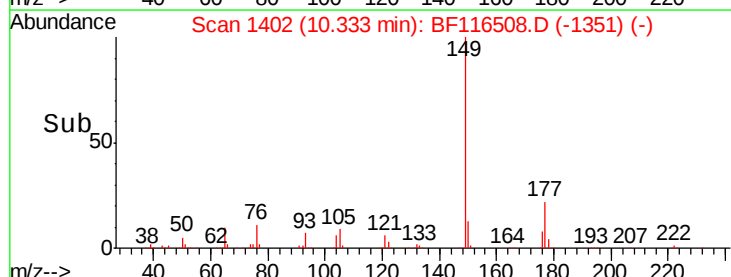
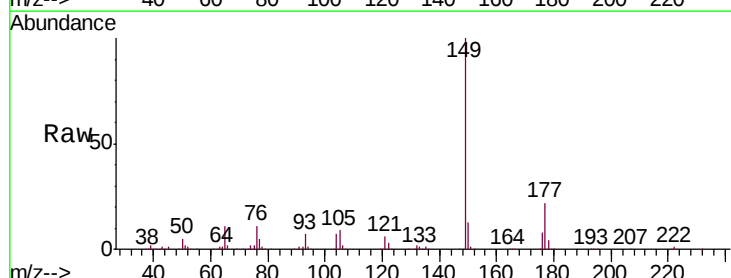
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#60
 Diethylphthalate
 Concen: 40.675 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	518859		
177	21.7		17.1	25.7
150	12.6		9.8	14.6





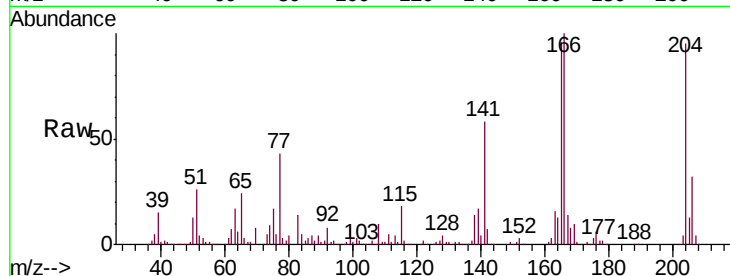
#61
 4-Chlorophenyl-phenylether
 Concen: 39.433 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampled :
 SB-02-COMPMSD

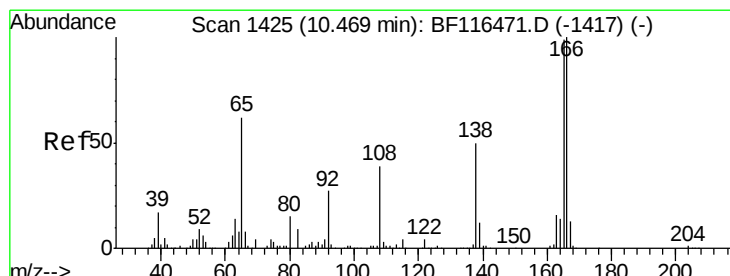
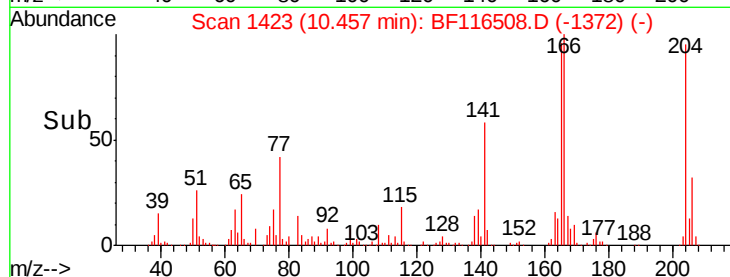
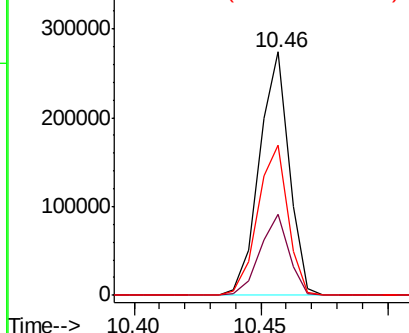
Tot Ion:	204	Resp:	225521
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.9	38.9
141	61.5	48.6	73.0

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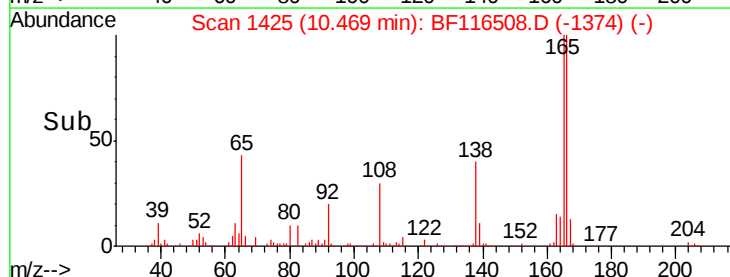
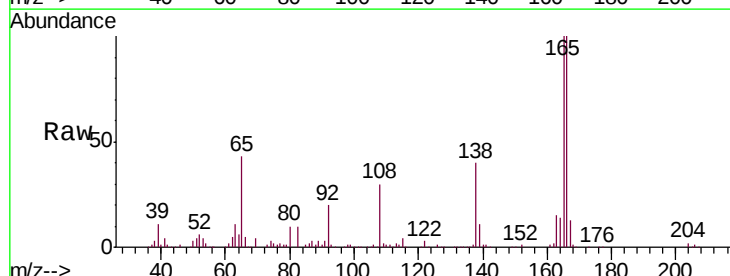
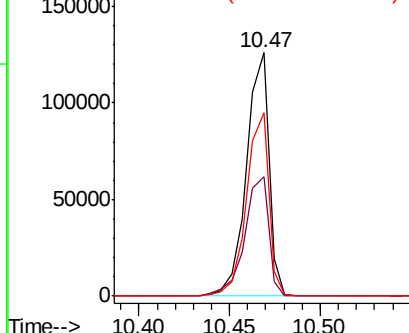
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

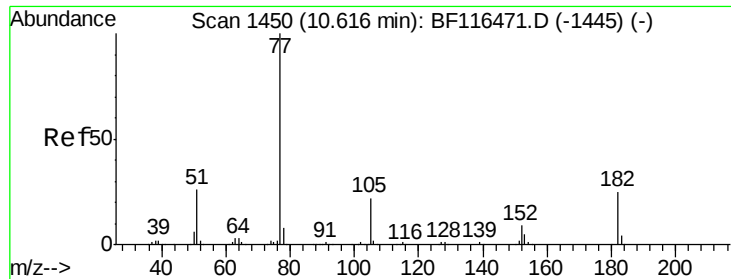


#62
 4-Nitroaniline
 Concen: 35.189 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:	138	Resp:	108981
Ion Ratio	Lower	Upper	
138	100		
92	49.0	34.9	74.9
108	75.1	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





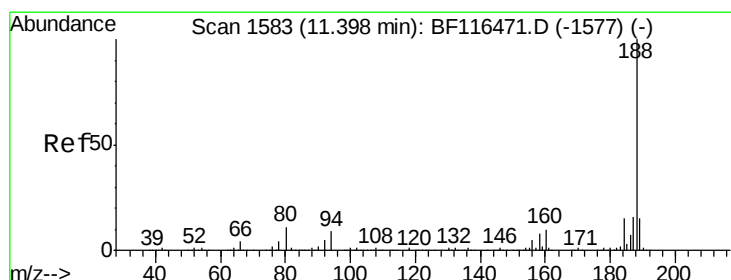
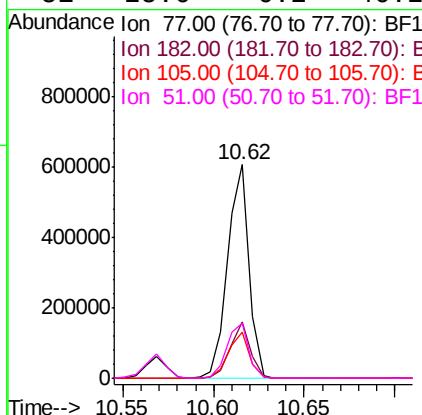
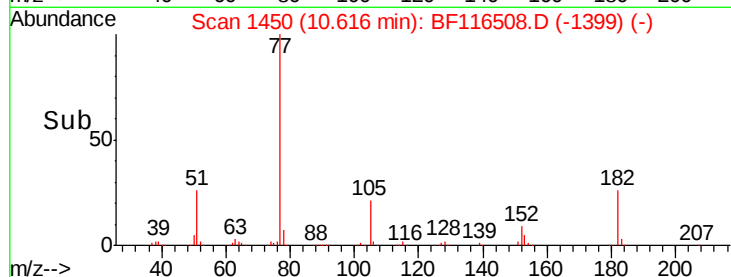
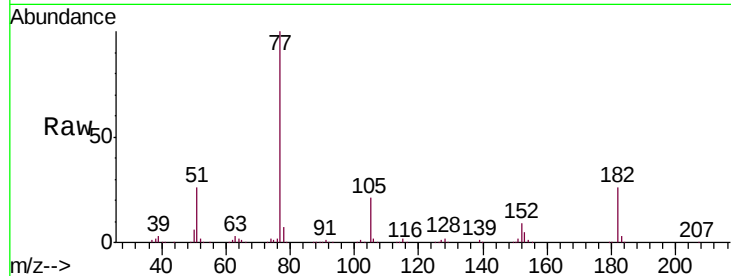
#63
Azobenzene
Concen: 37.903 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		497126		
182	26.3	5.4	45.4		
105	21.5	1.6	41.6		
51	25.6	6.2	46.2		

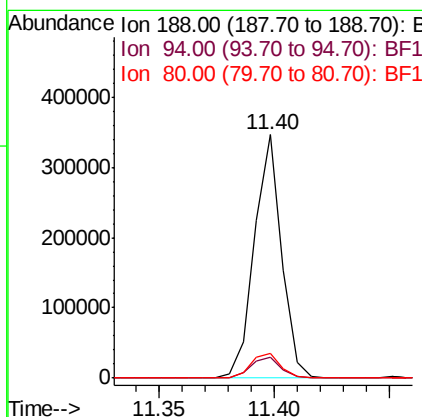
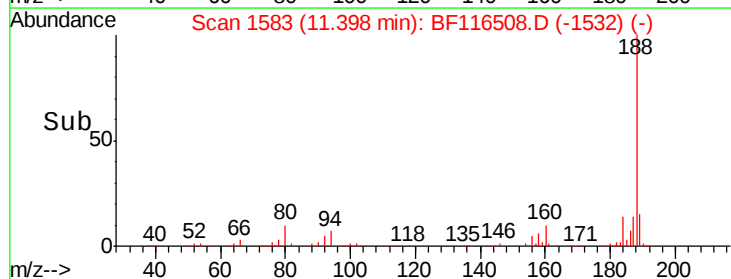
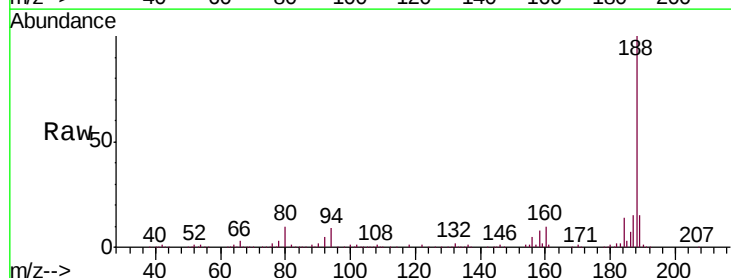
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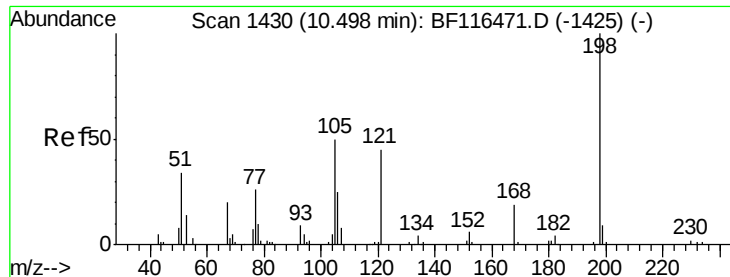
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		284995		
94	8.7	7.4	11.2		
80	10.2	8.6	12.8		





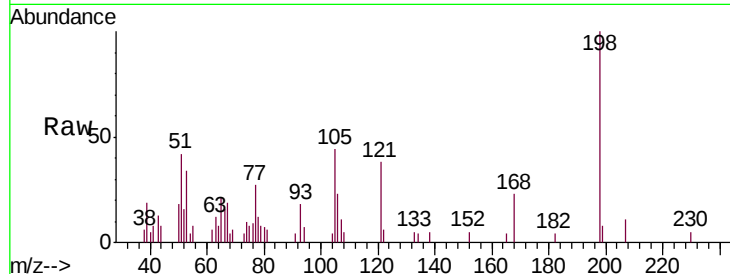
#65
4,6-Dinitro-2-methylphenol
Concen: 11.552 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

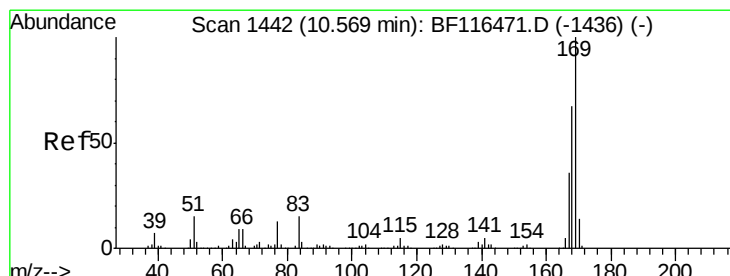
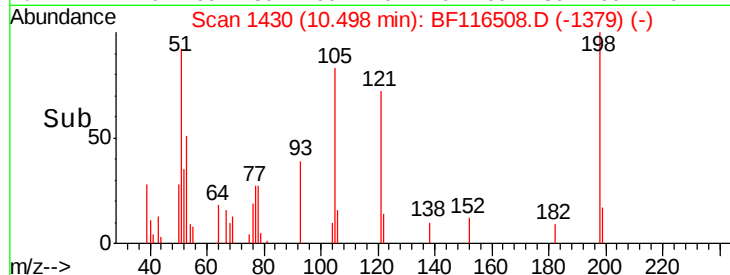
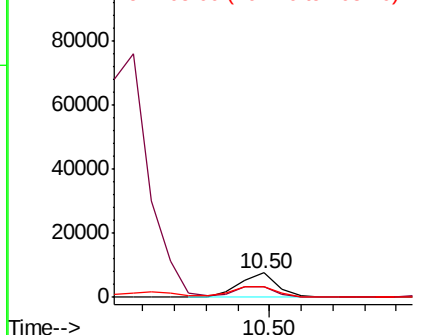
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.1	30.4	70.4
105	43.5	32.8	72.8

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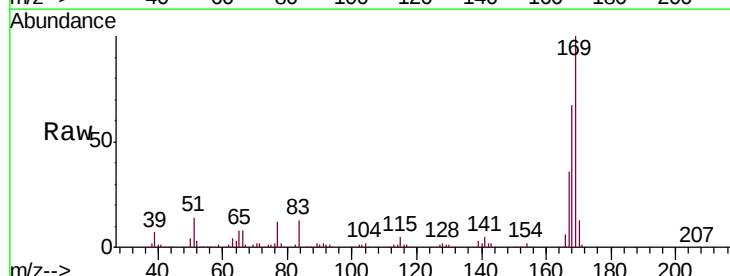


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

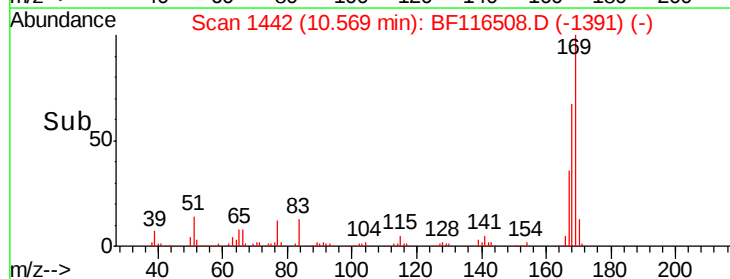
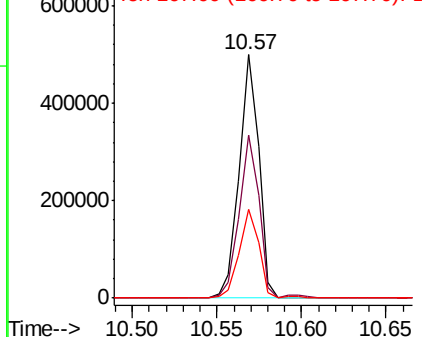


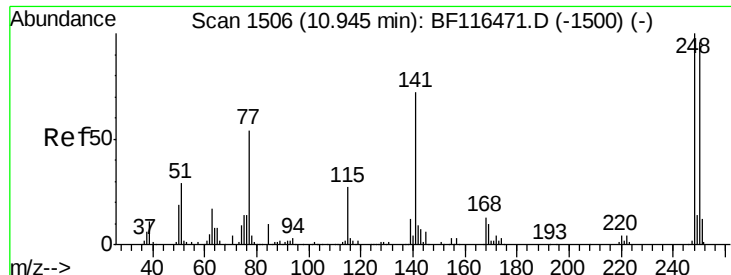
#66
n-Nitrosodiphenylamine
Concen: 43.842 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.6	80.4
167	36.4	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





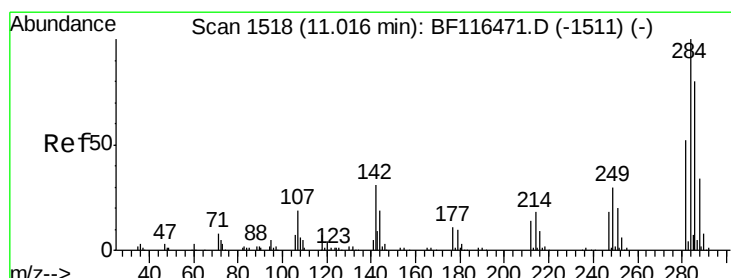
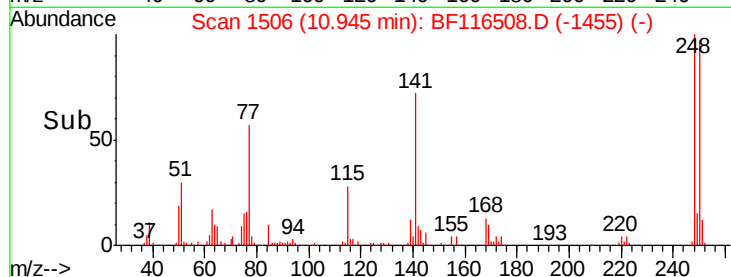
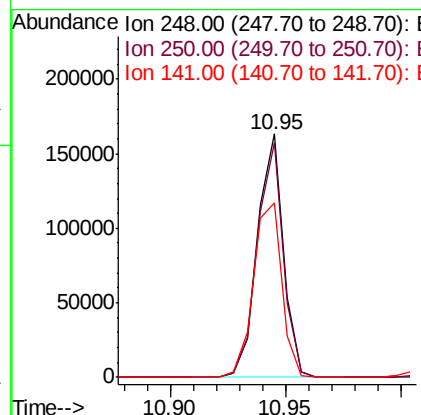
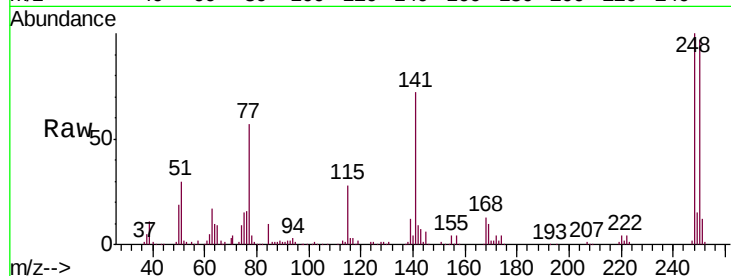
#67
 4-Bromophenyl-phenylether
 Concen: 43.127 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion:	248	Resp:	128858
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.0	115.6
141	71.9	57.4	86.0

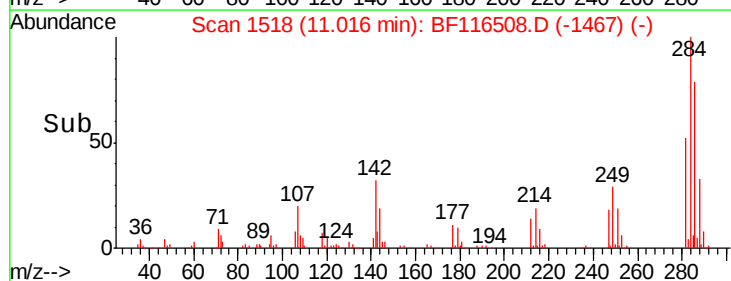
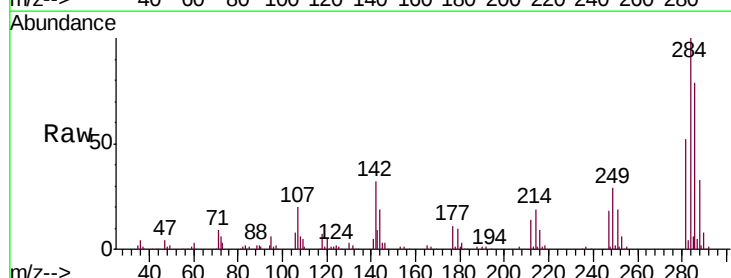
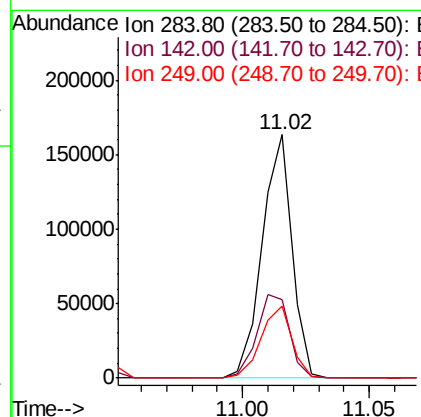
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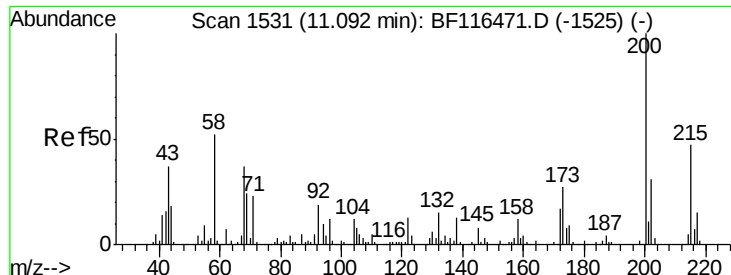
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#68
 Hexachlorobenzene
 Concen: 40.859 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:	284	Resp:	135026
Ion Ratio	Lower	Upper	
284	100		
142	32.2	24.6	36.8
249	29.5	24.1	36.1





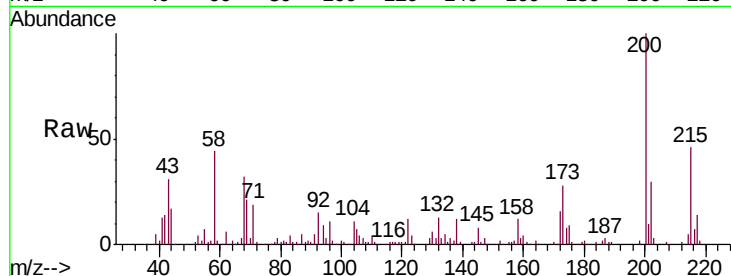
#69
Atrazine
Concen: 40.303 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.3	47.3
215	46.0	26.7	66.7

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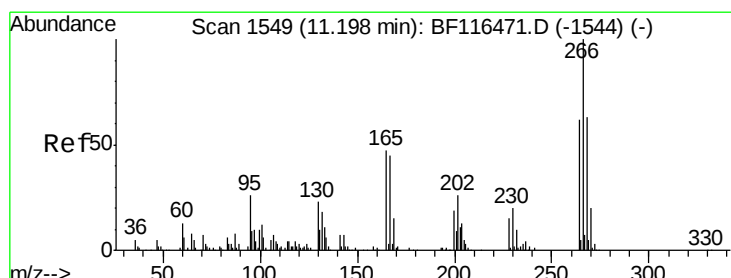
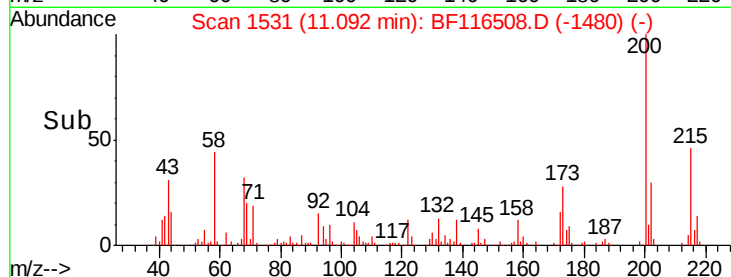
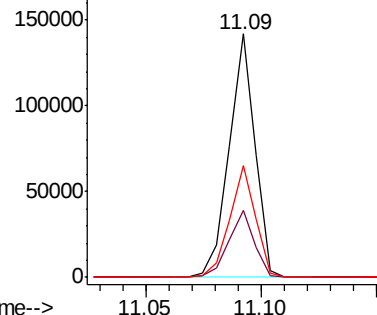


Abundance

Ion 200.00 (199.70 to 200.70): E

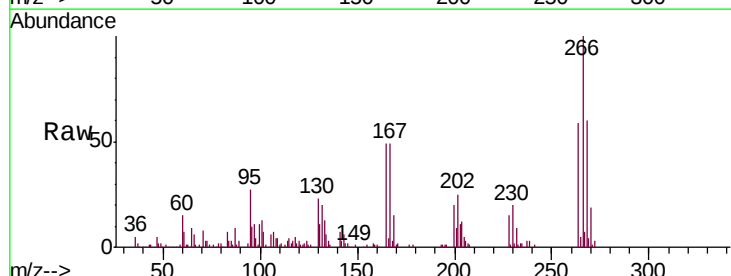
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 46.331 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.3	50.7	76.1
264	59.4	50.0	75.0

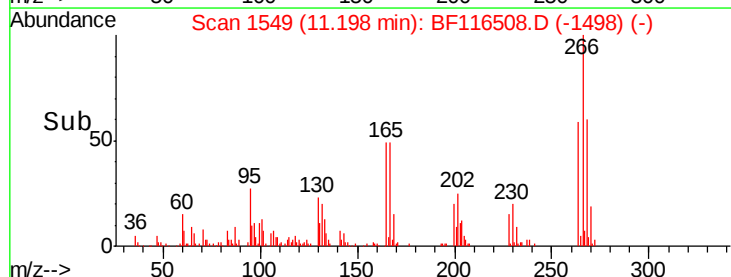
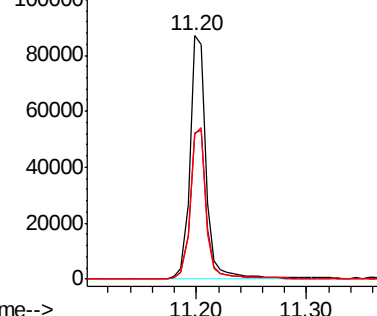


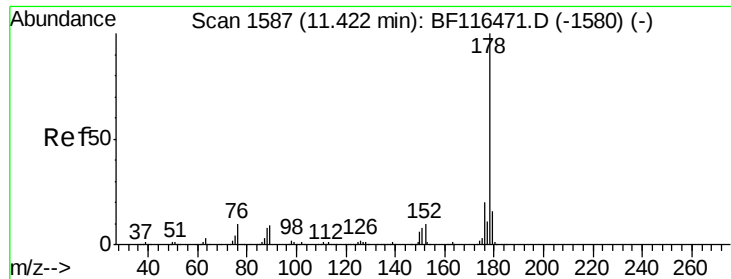
Abundance

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: 41.367 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

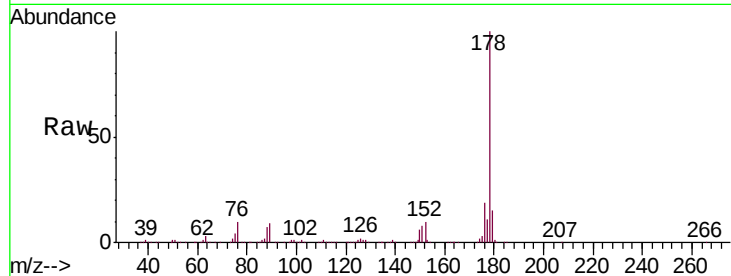
ClientSampleId :

SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.6
179	15.4	12.8	19.2

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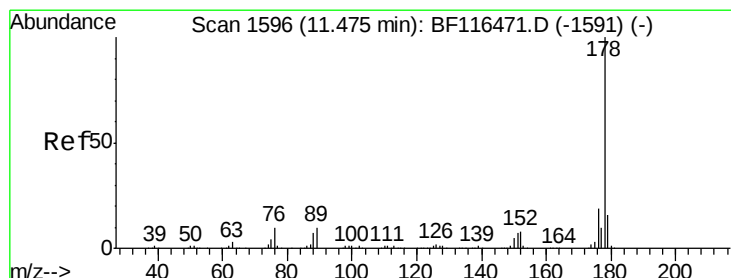
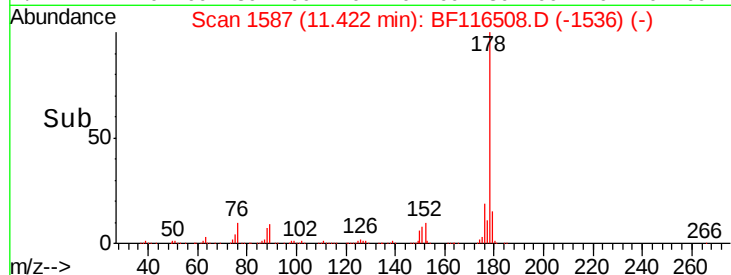
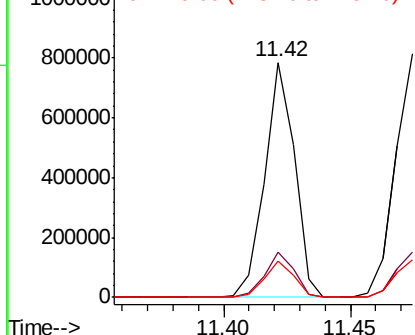


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.578 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

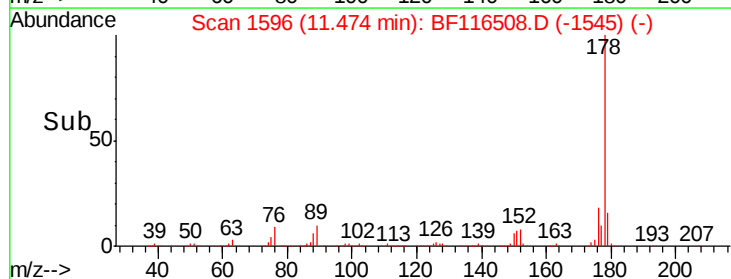
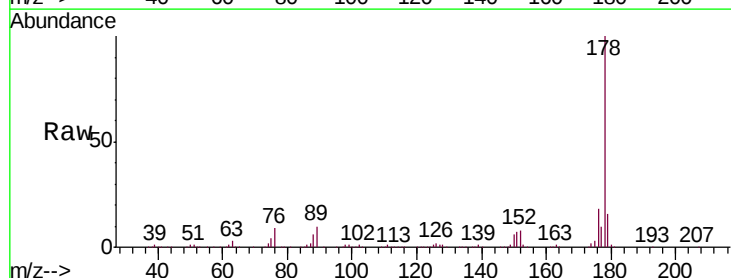
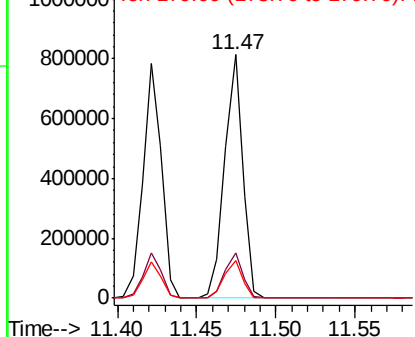
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.6	12.5	18.7

Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.828 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

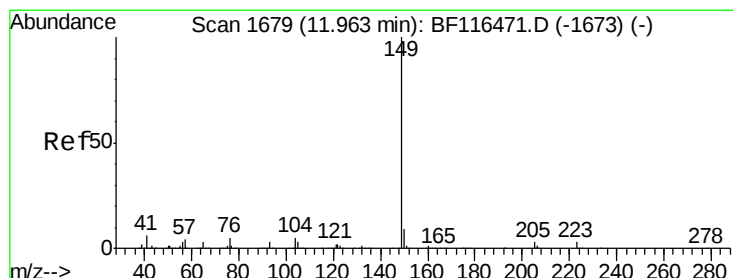
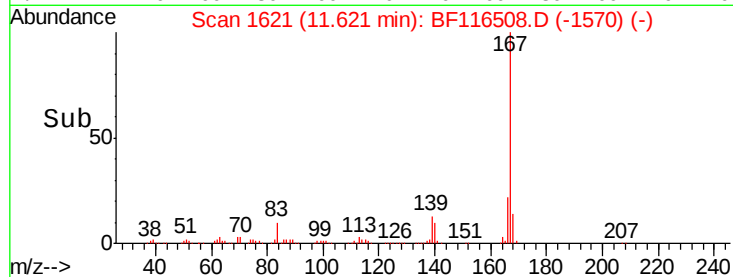
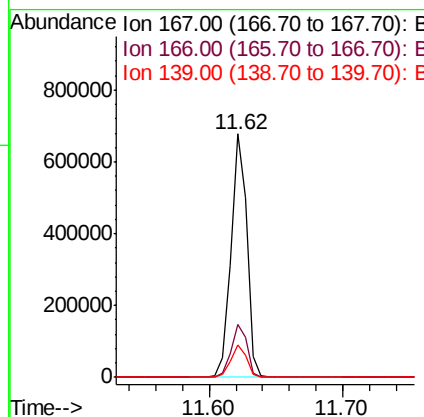
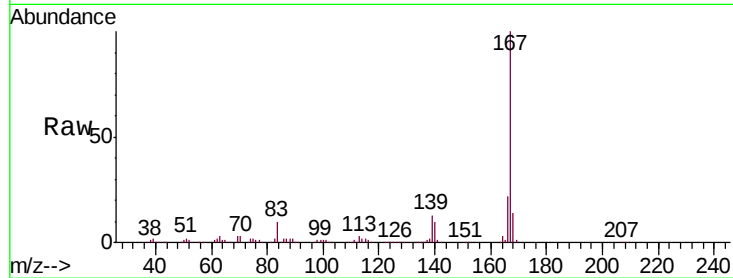
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	167	Resp:	571741
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.8	26.6
139	13.5	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 42.718 ng

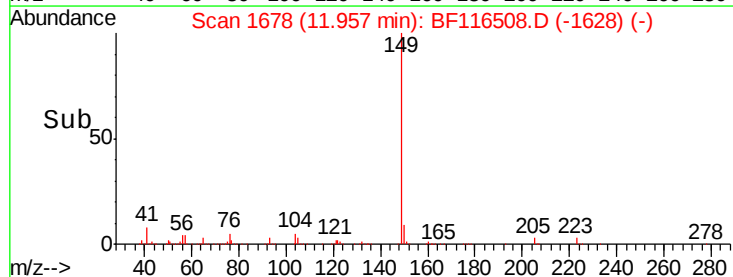
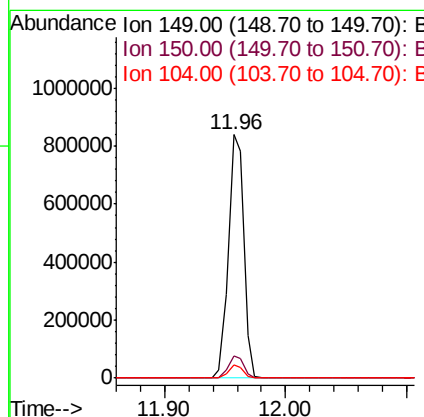
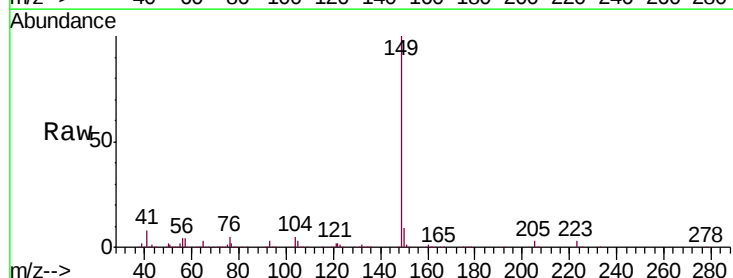
RT: 11.96 min Scan# 1678

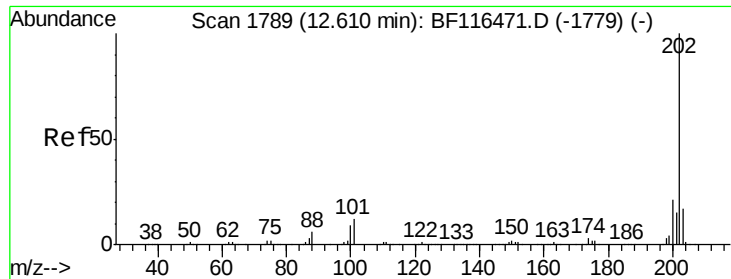
Delta R.T. -0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:	149	Resp:	741262
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	5.4	4.1	6.1





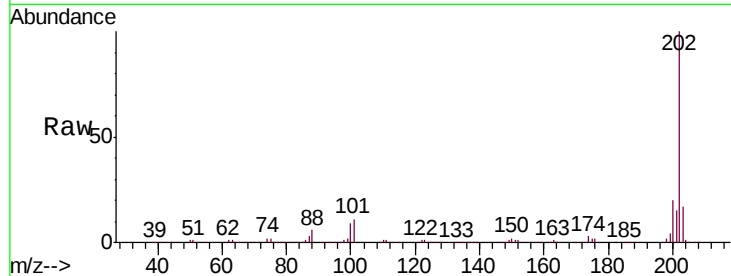
#75
 Fluoranthene
 Concen: 41.123 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	31.5
203	17.3	0.0	37.5

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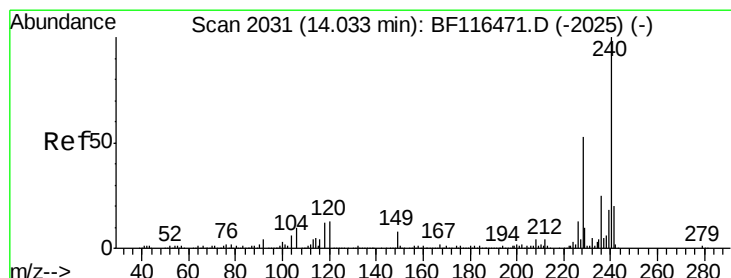
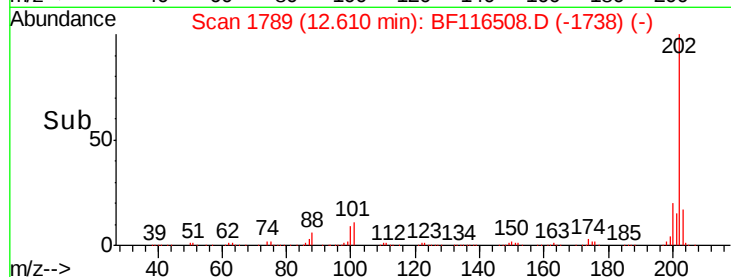
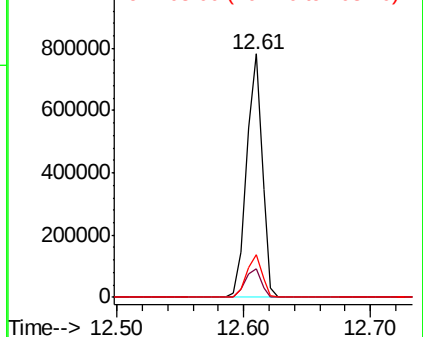


Abundance

Ion 202.00 (201.70 to 202.70): E

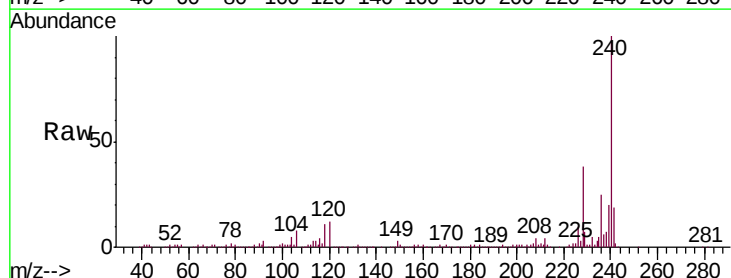
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.9	10.5	15.7
236	25.2	20.2	30.2

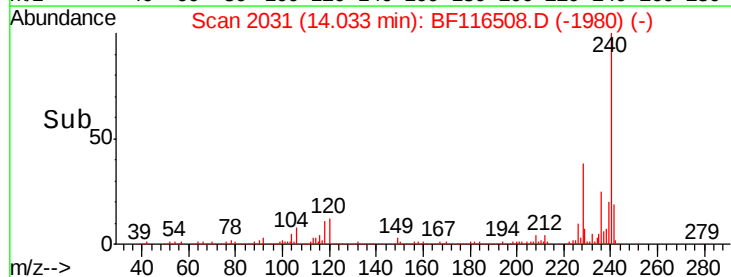
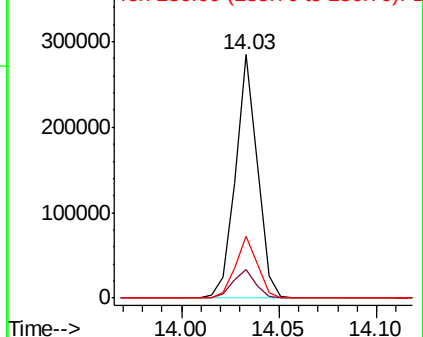


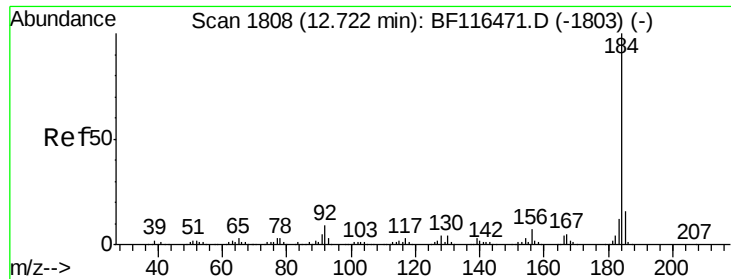
Abundance

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: 19.324 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

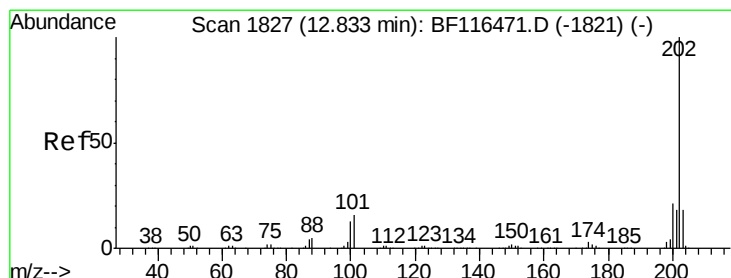
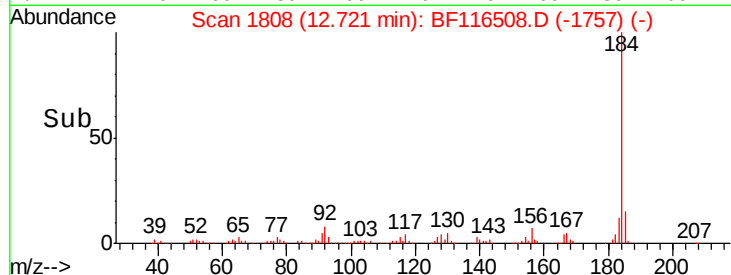
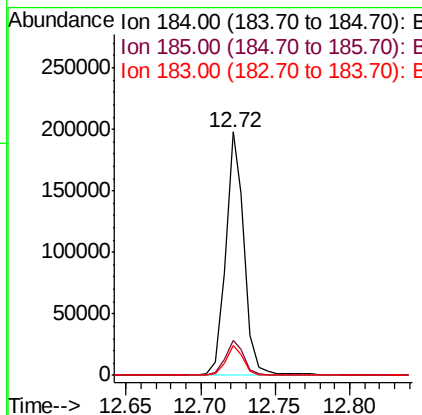
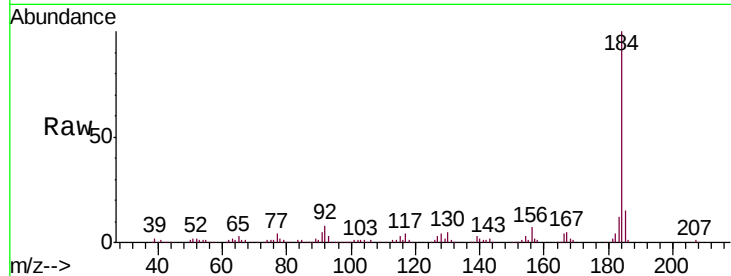
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	184	Resp:	173260
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.4
183	12.4	9.8	14.6

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#78

Pyrene

Concen: 37.501 ng

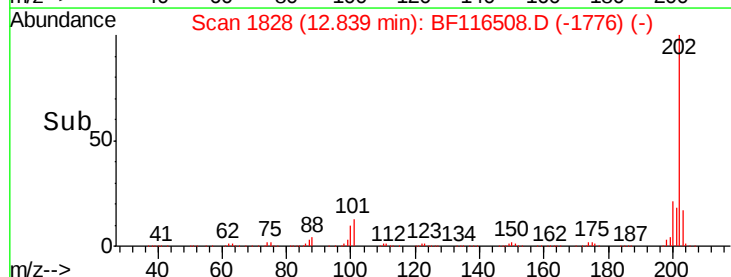
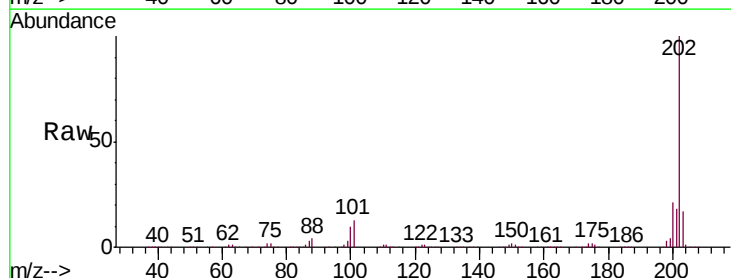
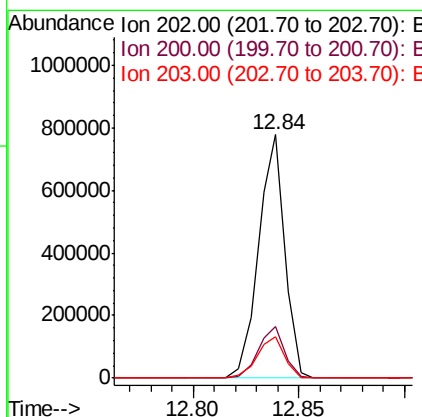
RT: 12.84 min Scan# 1828

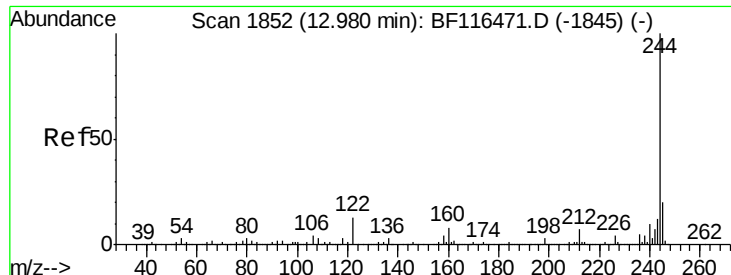
Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:	202	Resp:	668341
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	17.1	14.2	21.4





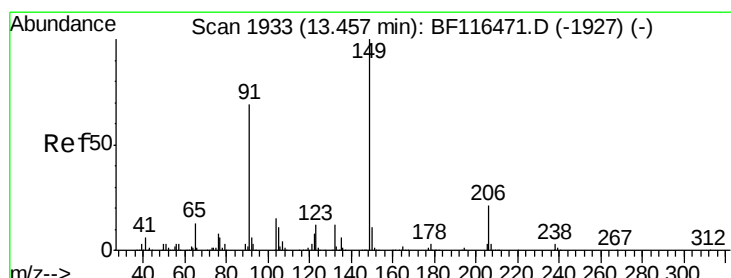
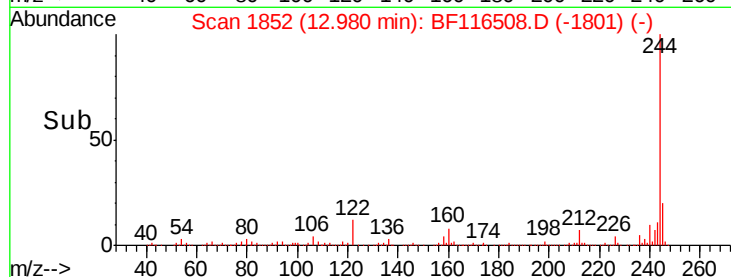
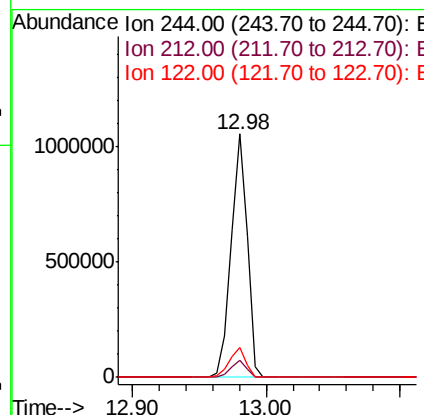
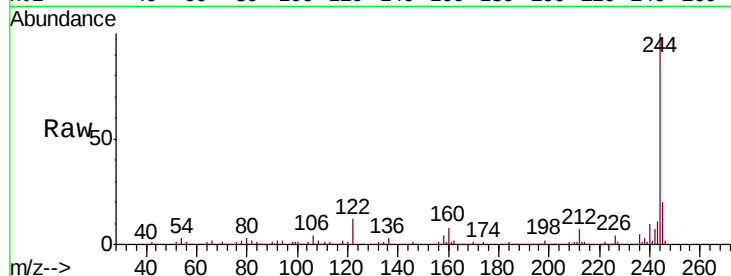
#79
 Terphenyl-d14
 Concen: 75.560 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	12.5	10.2	15.4

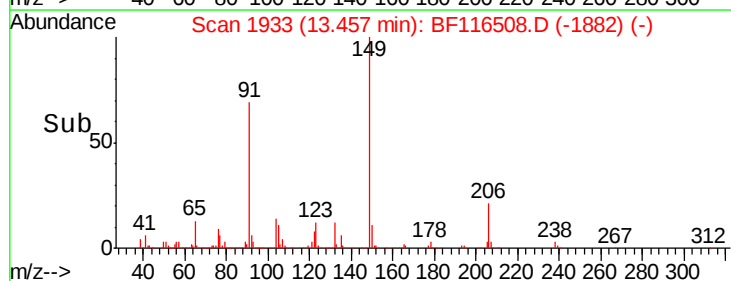
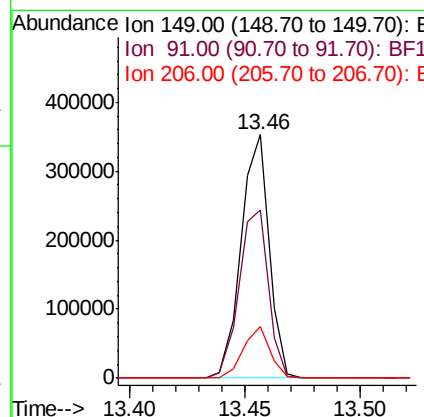
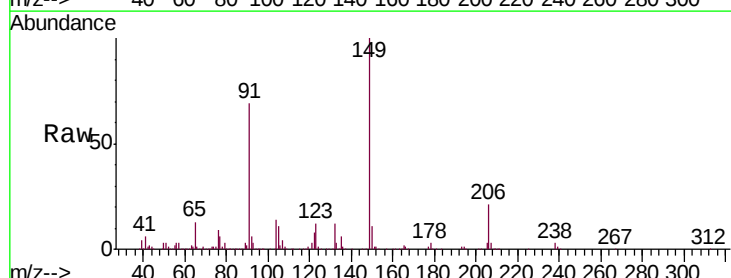
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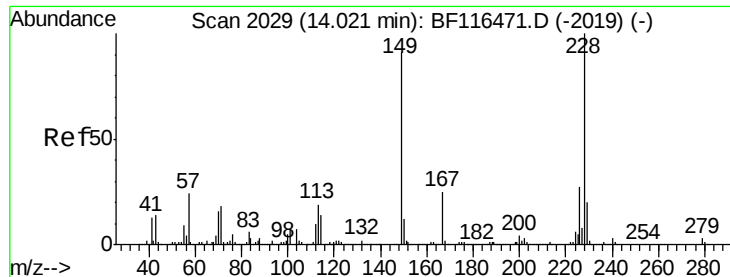
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#80
 Butylbenzylphthalate
 Concen: 38.804 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.0	54.9	82.3
206	21.1	16.6	24.8





#81

Benzo(a)anthracene

Concen: 40.940 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

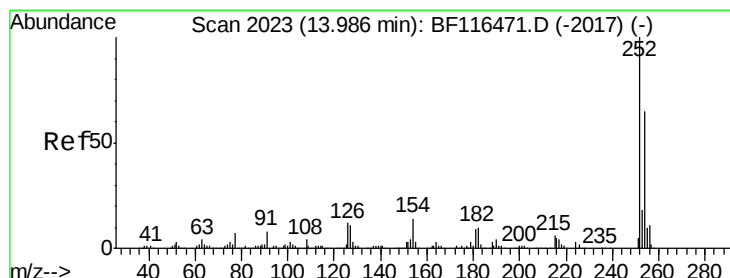
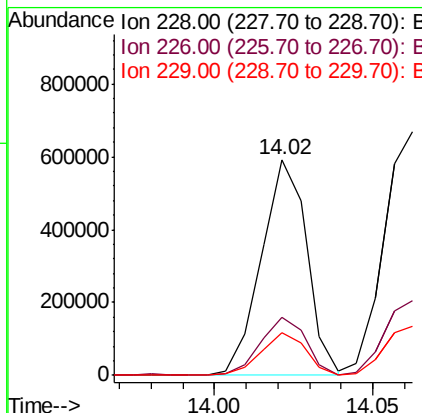
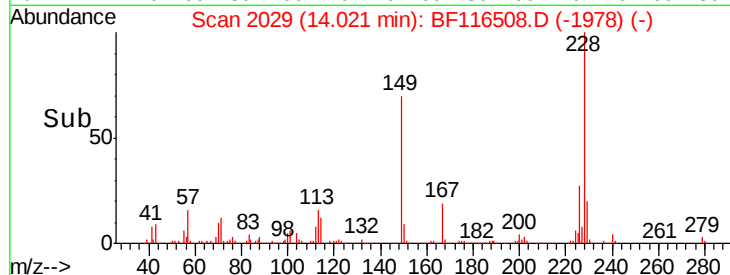
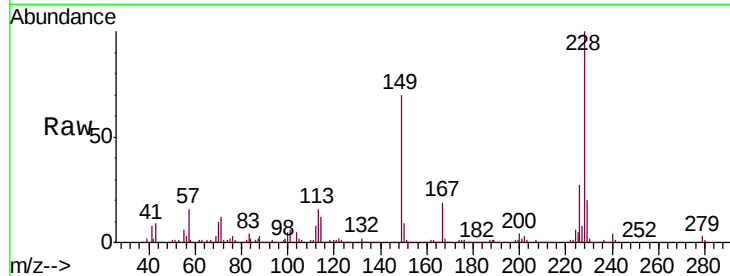
ClientSampleId :

SB-02-COMPMSD

Tot Ion:	228	Resp:	590903
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.8	32.6
229	19.9	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 33.649 ng

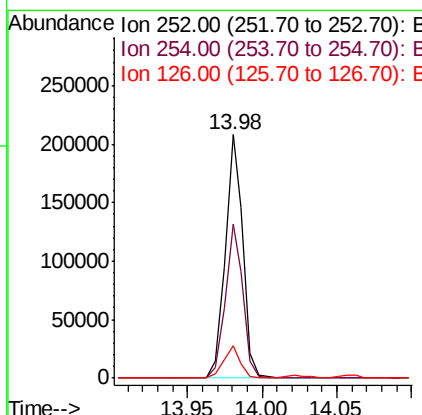
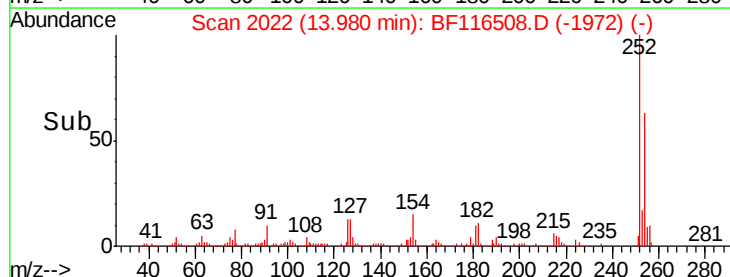
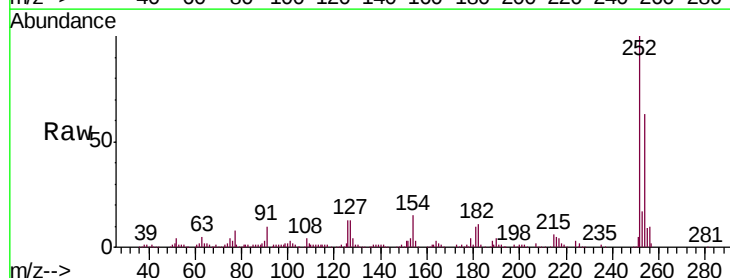
RT: 13.98 min Scan# 2022

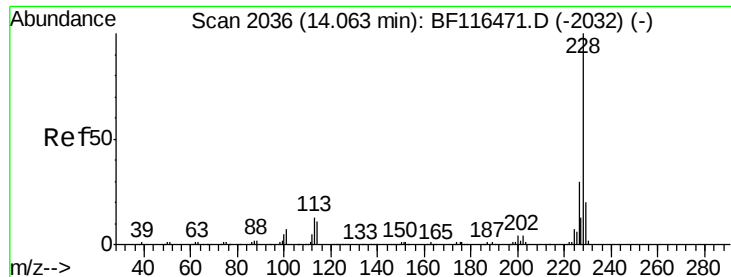
Delta R.T. -0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:	252	Resp:	173079
Ion Ratio	Lower	Upper	
252	100		
254	63.4	51.9	77.9
126	13.1	9.4	14.0





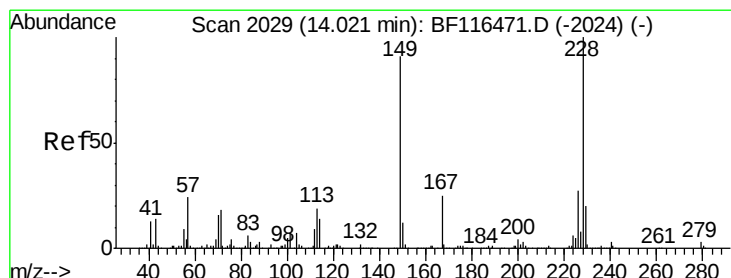
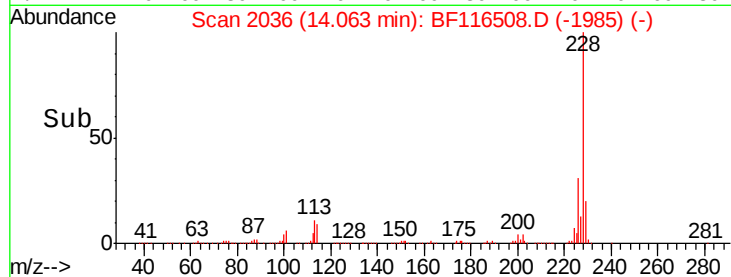
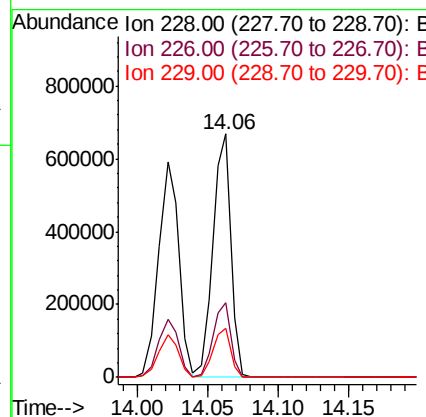
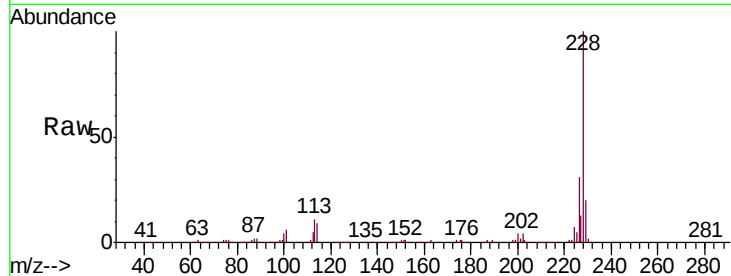
#83
 Chrvsene
 Concen: 40.394 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.9	15.8	23.6

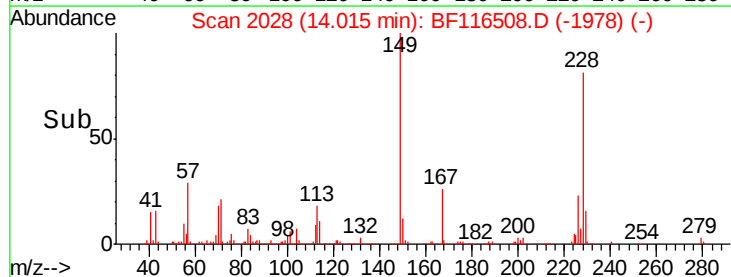
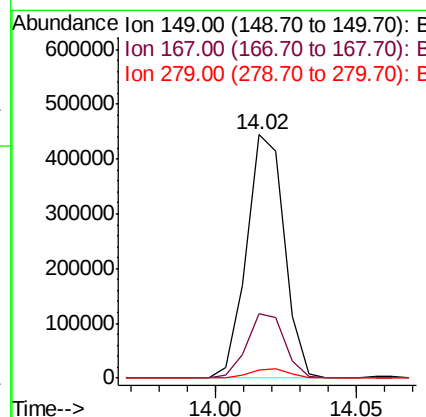
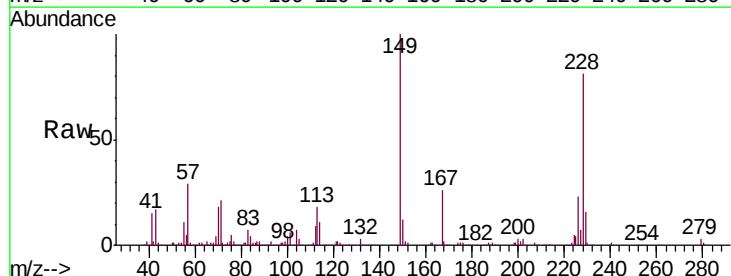
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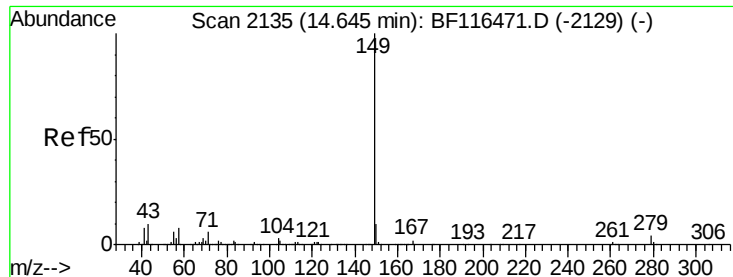
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.236 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.6
279	3.5	3.0	4.4





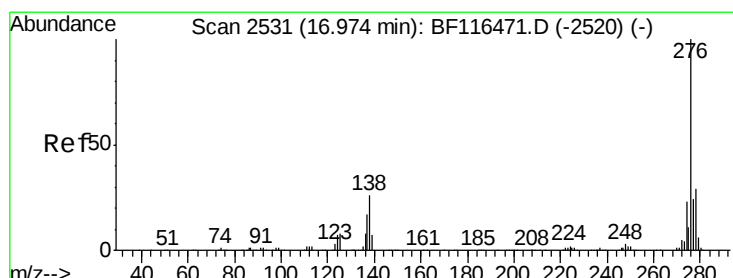
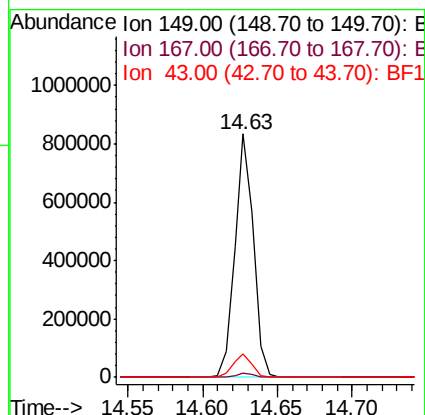
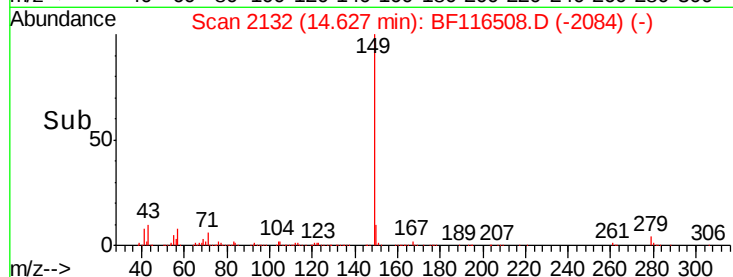
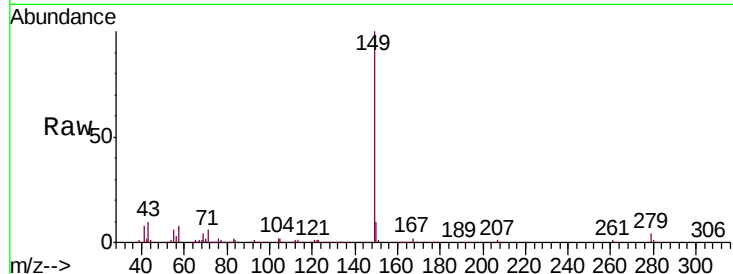
#85
Di-n-octyl phthalate
Concen: 41.806 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion:	149	Resp:	728419
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.7	7.8	11.8

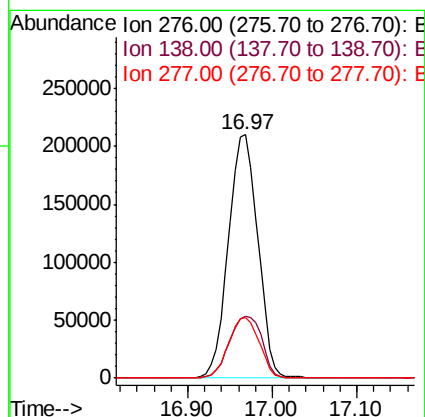
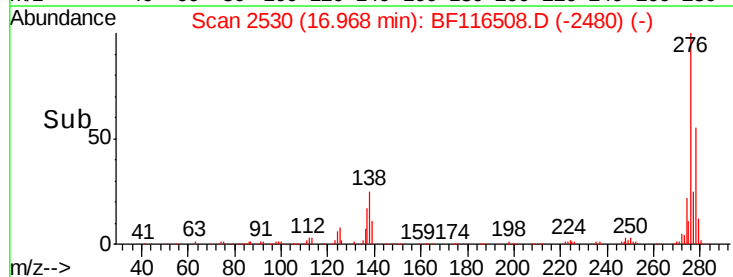
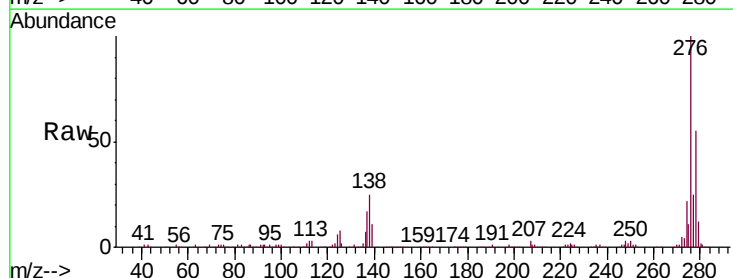
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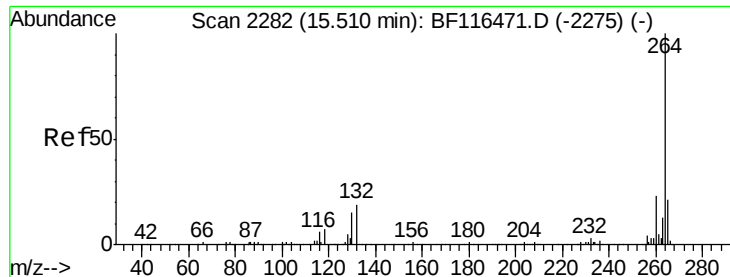
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.379 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:	276	Resp:	506016
Ion Ratio	Lower	Upper	
276	100		
138	28.2	22.9	34.3
277	25.8	19.9	29.9





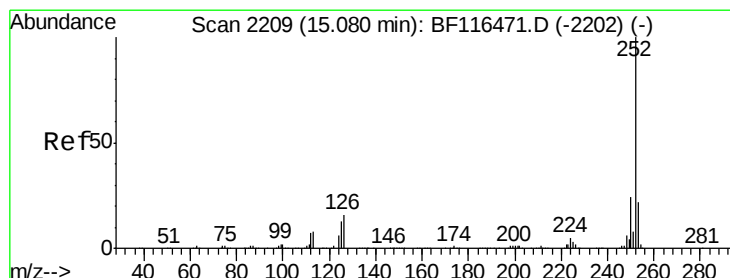
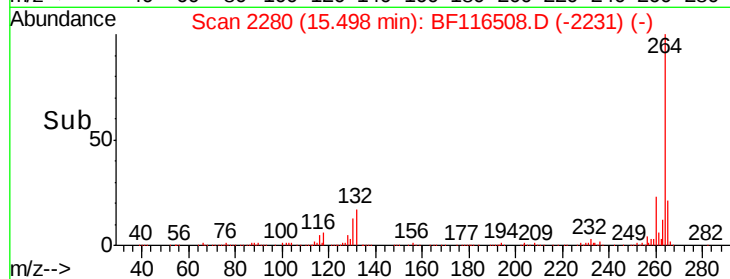
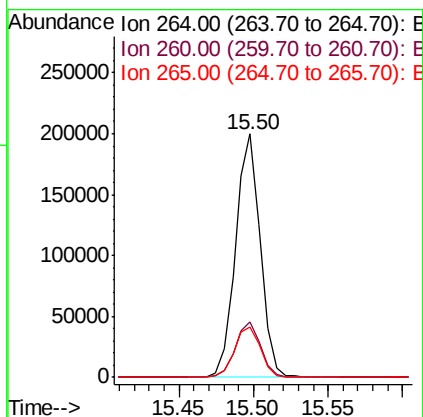
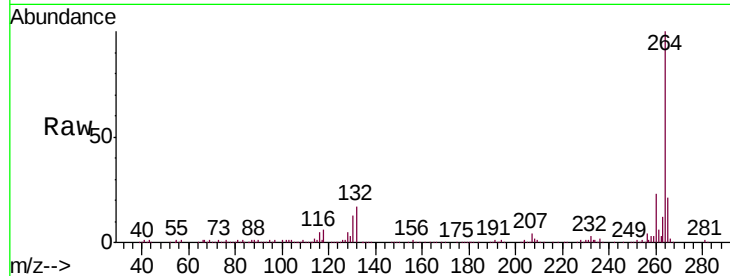
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	20.7	17.1	25.7

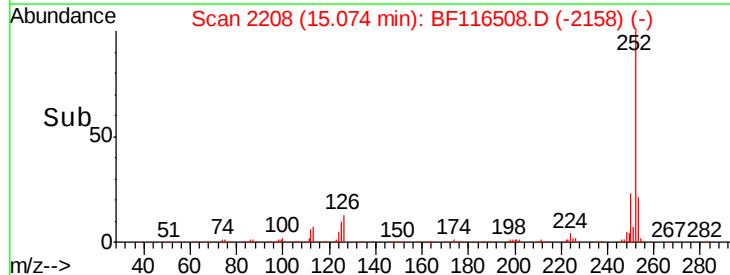
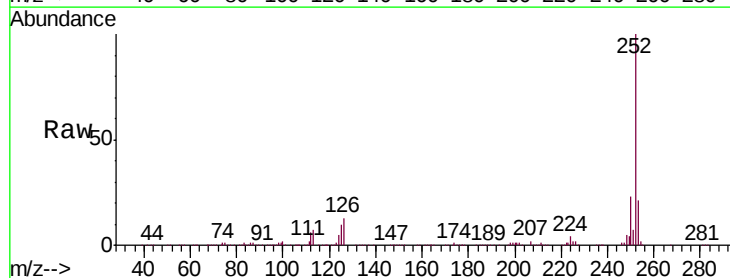
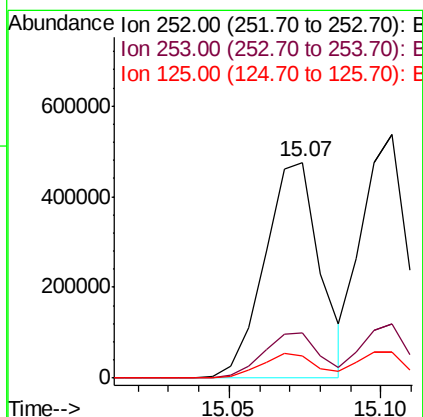
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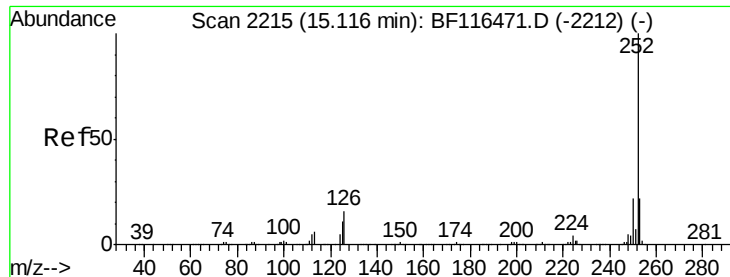
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#88
Benzo(b)fluoranthene
Concen: 42.522 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.5	26.3
125	10.0	10.1	15.1#





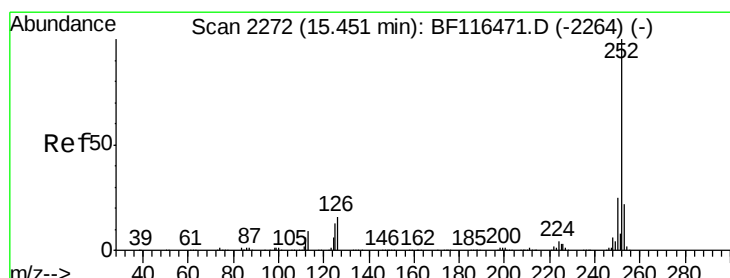
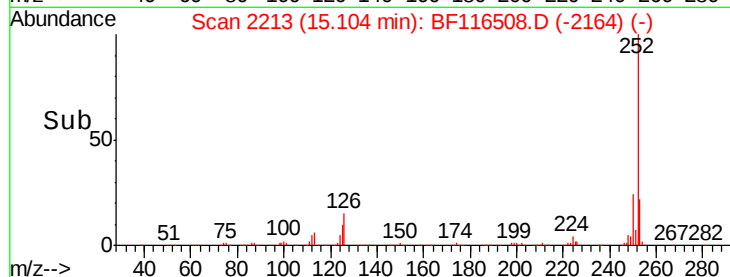
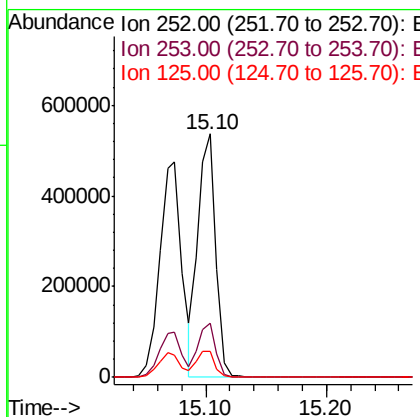
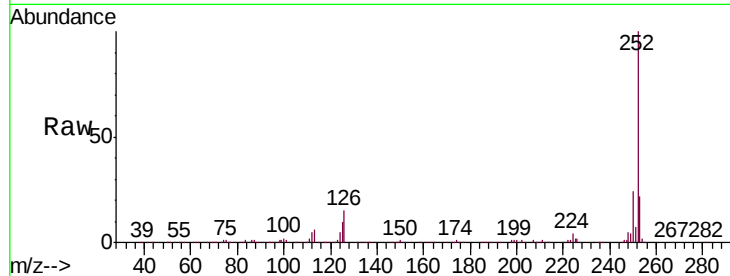
#89
Benzo(k)fluoranthene
Concen: 42.893 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.5	9.1	13.7

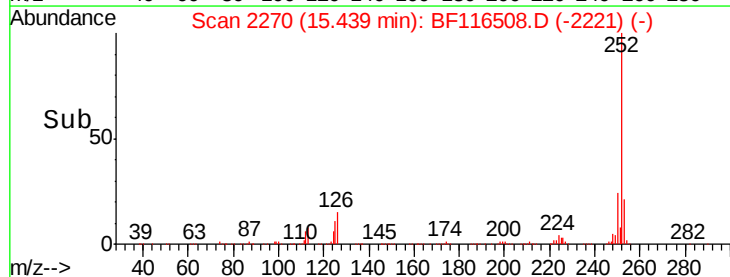
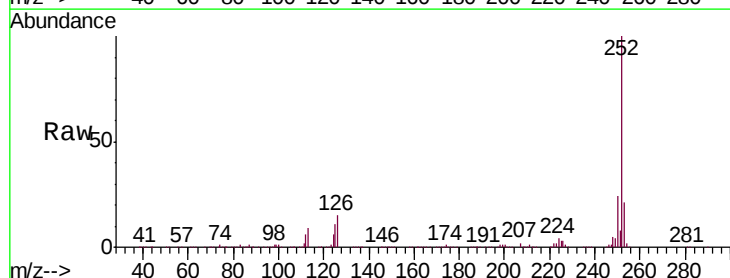
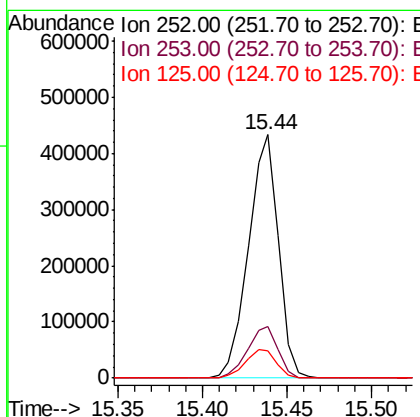
Manual Integrations
APPROVED

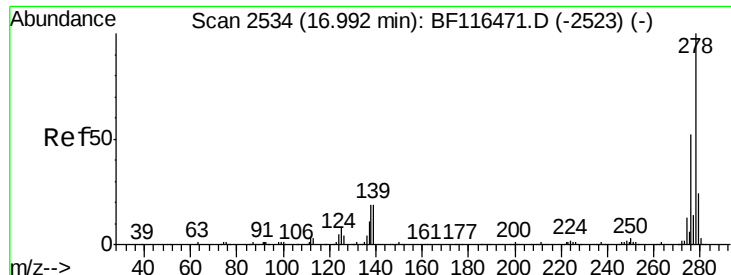
Jagrut
8/28/2019 8:09:08 AM



#90
Benzo(a)pyrene
Concen: 42.691 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	11.5	10.2	15.4





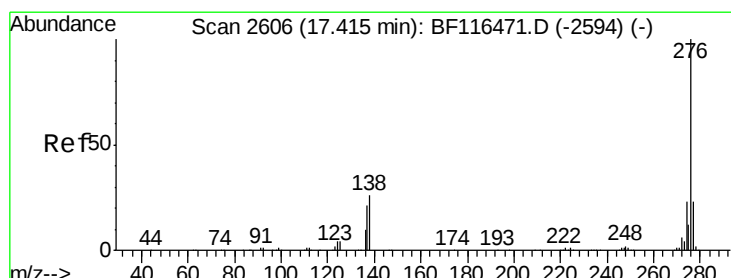
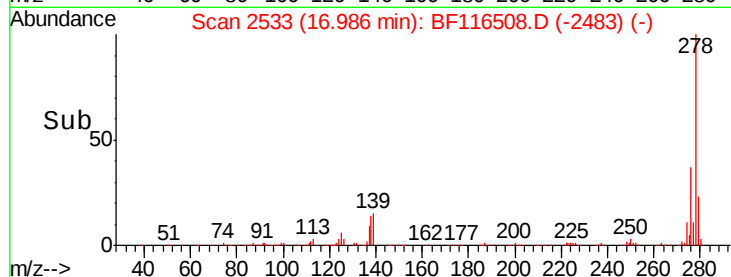
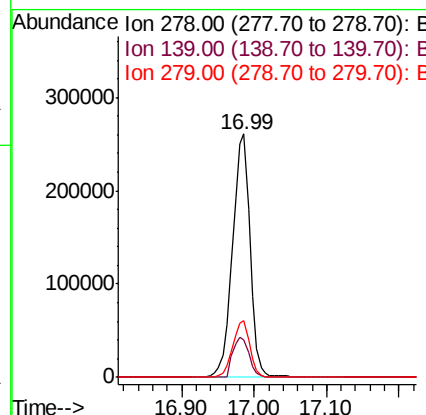
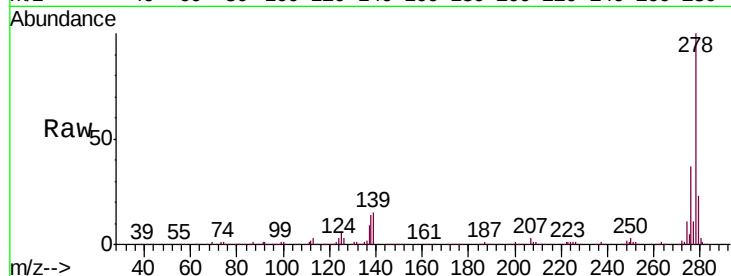
#91
Dibenzo(a,h)anthracene
Concen: 42.635 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.3	22.9
279	23.3	19.0	28.6

Manual Integrations
APPROVED

Jagrut
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#92
Benzo(g,h,i)perylene
Concen: 41.579 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	23.5	20.8	31.2

