

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116610.D
 Acq On : 28 Aug 2019 11:44
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Jagrut
 8/29/2019 7:46:46 PM

Quant Time: Aug 28 12:22:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 11:25:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117537	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	482125	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	247106	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	416371	20.00	ng	0.00
76) Chrysene-d12	14.02	240	210506	20.00	ng	0.00
87) Perylene-d12	15.47	264	202994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1128031	140.23	ng	0.00
7) Phenol-d6	6.50	99	1396579	141.59	ng	0.01
23) Nitrobenzene-d5	7.44	82	1347916	152.96	ng	0.01
42) 2,4,6-Tribromophenol	10.69	330	348789	164.38	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2182608	142.24	ng	0.00
79) Terphenyl-d14	12.97	244	1948513	172.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	251393	72.180	ng	99
3) Pyridine	3.39	79	753879	71.078	ng	99
4) n-Nitrosodimethylamine	3.35	42	282054	72.846	ng	98
6) Aniline	6.54	93	953641	71.416	ng	100
8) 2-Chlorophenol	6.66	128	595990	70.602	ng	98
9) Benzaldehyde	6.42	77	352962	53.558	ng	97
10) Phenol	6.52	94	793716	74.104	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	581228	71.271	ng	97
12) 1,3-Dichlorobenzene	6.82	146	674716	73.846	ng	98
13) 1,4-Dichlorobenzene	6.89	146	684878	77.883	ng	98
14) 1,2-Dichlorobenzene	7.05	146	632067	76.192	ng	98
15) Benzyl Alcohol	7.01	79	557767	69.877	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	774889	68.721	ng	99
17) 2-Methylphenol	7.12	107	518523	74.137	ng	98
18) Hexachloroethane	7.39	117	261420	76.225	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	447167	66.440	ng	99
20) 3+4-Methylphenols	7.28	107	613236	71.574	ng	# 90
22) Acetophenone	7.28	105	863394	71.616	ng	# 90
24) Nitrobenzene	7.46	77	691589	75.781	ng	98
25) Isophorone	7.70	82	1223137	70.432	ng	100
26) 2-Nitrophenol	7.77	139	333022	99.901	ng	100
27) 2,4-Dimethylphenol	7.80	122	485462	69.796	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	751624	70.084	ng	98
29) 2,4-Dichlorophenol	8.01	162	515862	77.987	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	583563	78.366	ng	99
31) Naphthalene	8.17	128	1711921	73.400	ng	98
32) Benzoic acid	7.95	122	423692	95.285	ng	99
33) 4-Chloroaniline	8.22	127	759129	74.143	ng	99
34) Hexachlorobutadiene	8.30	225	326810	80.472	ng	99
35) Caprolactam	8.60	113	164769m	71.512	ng	
36) 4-Chloro-3-methylphenol	8.70	107	548892	73.544	ng	97
37) 2-Methylnaphthalene	8.86	142	1142278	71.331	ng	97
38) 1-Methylnaphthalene	8.96	142	1070159	71.539	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	518250	77.953	ng	99

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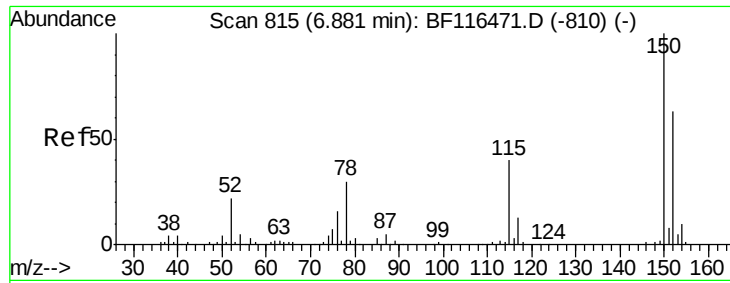
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 8/29/2019 7:46:46 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	309200	86.443	nq	98
43) 2,4,6-Trichlorophenol	9.14	196	372223	79.997	nq	98
44) 2,4,5-Trichlorophenol	9.18	196	376535	79.532	nq	97
46) 1,1'-Biphenyl	9.33	154	1438409	72.807	nq	98
47) 2-Chloronaphthalene	9.36	162	1137430	74.263	nq	98
48) 2-Nitroaniline	9.45	65	368465	78.570	nq	95
49) Acenaphthylene	9.77	152	1631656	72.814	nq	99
50) Dimethylphthalate	9.63	163	1266162	73.440	nq	100
51) 2,6-Dinitrotoluene	9.69	165	284432	80.601	nq	89
52) Acenaphthene	9.94	154	1086819	75.584	nq	97
53) 3-Nitroaniline	9.86	138	335414	79.737	nq	98
54) 2,4-Dinitrophenol	9.96	184	154926	139.631	nq	# 32
55) Dibenzofuran	10.11	168	1456005	72.641	nq	99
56) 4-Nitrophenol	10.01	139	255397	78.115	nq	98
57) 2,4-Dinitrotoluene	10.09	165	377189	83.999	nq	92
58) Fluorene	10.45	166	1091540	70.093	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	302587	77.838	nq	97
60) Diethylphthalate	10.33	149	1205892	71.164	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	541222	71.240	nq	98
62) 4-Nitroaniline	10.47	138	332726	80.876	nq	96
63) Azobenzene	10.60	77	1213992	69.677	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	188198	123.721	nq	98
66) n-Nitrosodiphenylamine	10.56	169	993083	73.660	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	338791	77.612	nq	98
68) Hexachlorobenzene	11.00	284	378701	78.438	nq	99
69) Atrazine	11.09	200	288645	71.457	nq	97
70) Pentachlorophenol	11.19	266	231303	82.113	nq	99
71) Phenanthrene	11.41	178	1624710	71.629	nq	98
72) Anthracene	11.46	178	1635520	71.757	nq	99
73) Carbazole	11.61	167	1418614	69.340	nq	99
74) Di-n-butylphthalate	11.95	149	1703486	67.194	nq	100
75) Fluoranthene	12.59	202	1546612	65.953	nq	96
77) Benzidine	12.70	184	506763	59.835	nq	97
78) Pyrene	12.82	202	1539657	91.459	nq	100
80) Butylbenzylphthalate	13.43	149	596464	82.042	nq	96
81) Benzo(a)anthracene	14.00	228	1056637	77.502	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	348063	71.639	nq	# 97
83) Chrysene	14.04	228	1056806	76.476	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	683383	70.492	nq	98
85) Di-n-octyl phthalate	14.61	149	1044017	63.434	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1102486	93.137	nq	99
88) Benzo(b)fluoranthene	15.05	252	918707	73.262	nq	99
89) Benzo(k)fluoranthene	15.08	252	897559	79.006	nq	97
90) Benzo(a)pyrene	15.42	252	861484	77.731	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	890236	97.753	nq	99
92) Benzo(g,h,i)perylene	17.38	276	914110	105.286	nq	99

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



#1

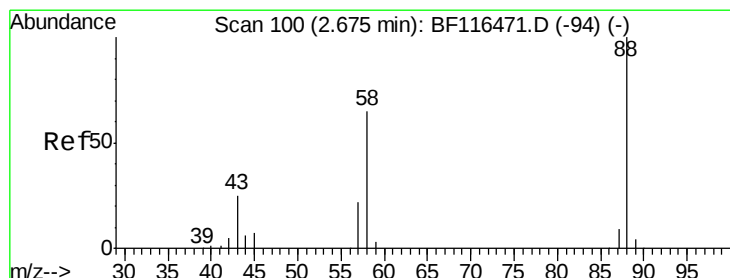
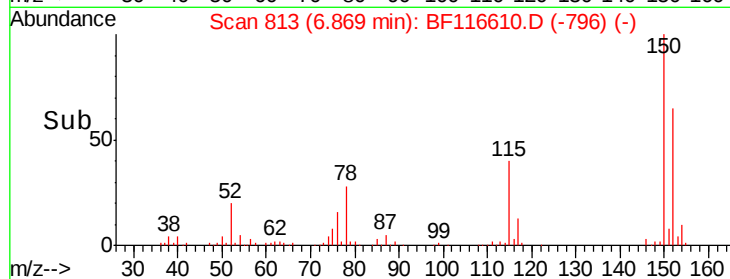
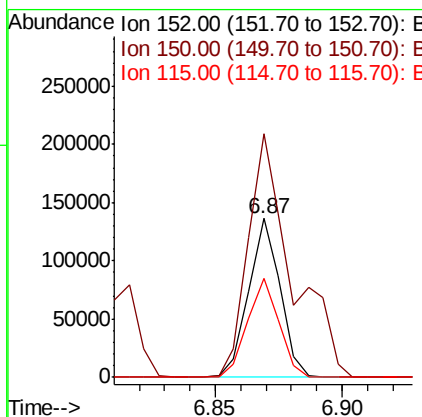
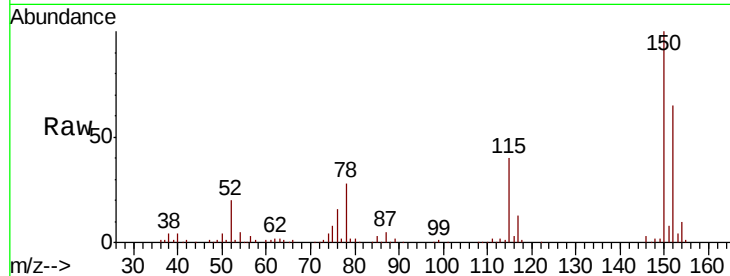
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.4	185.2
115	62.0	48.2	72.2

Manual Integrations
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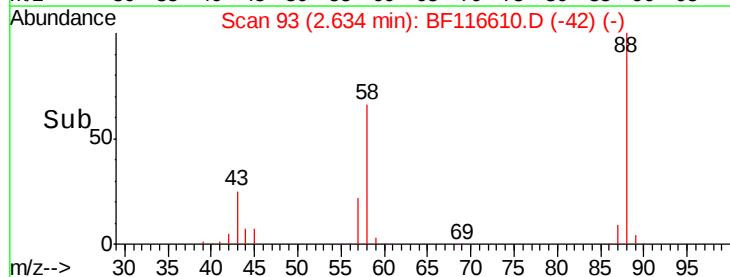
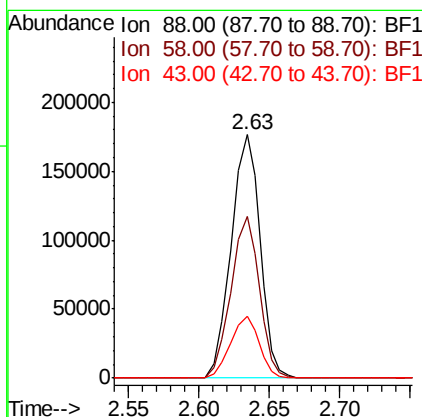
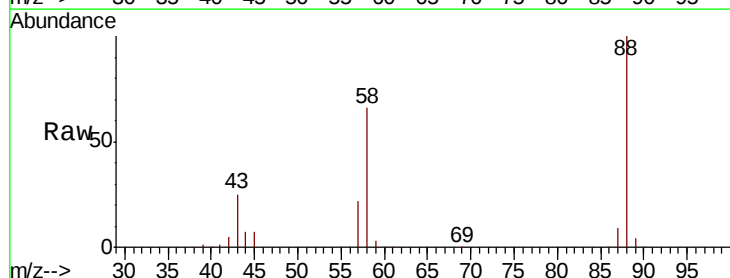
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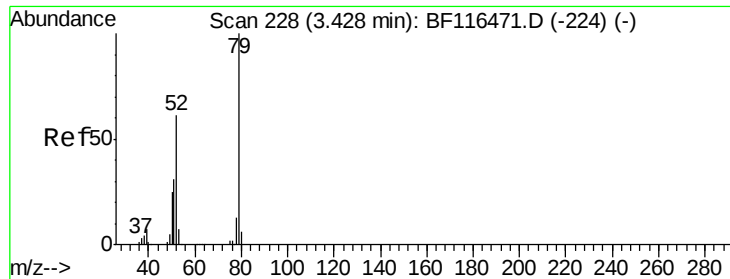


#2

1,4-Dioxane
Concen: 72.180 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	51.8	77.8
43	25.4	20.2	30.2





#3

Pvridine

Concen: 71.078 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

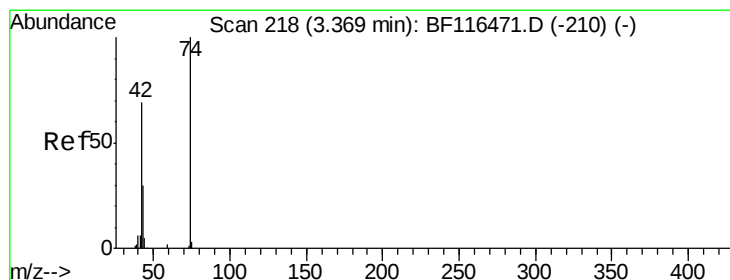
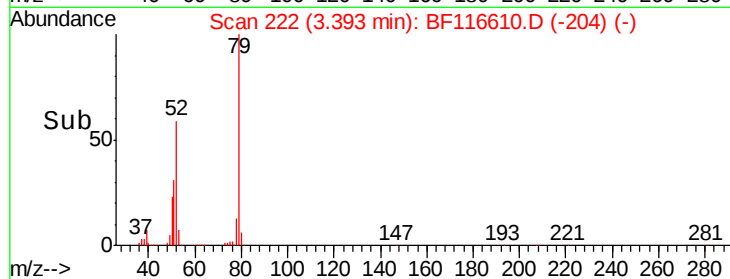
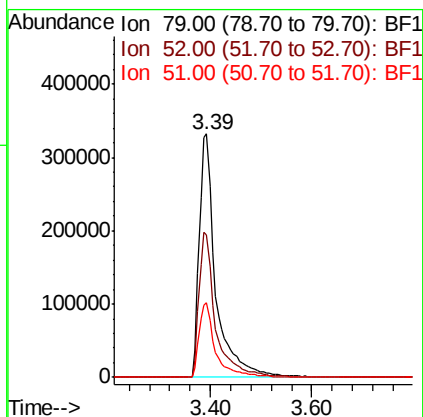
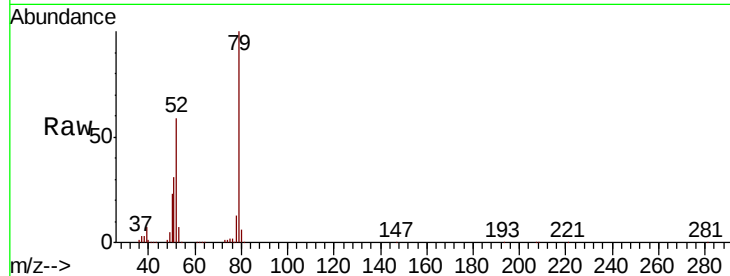
ClientSampleId :

SSTDICC080

Tot Ion:	79	Resp:	753879
Ion	Ratio	Lower	Upper
79	100		
52	58.6	47.9	71.9
51	30.5	24.4	36.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 72.846 ng

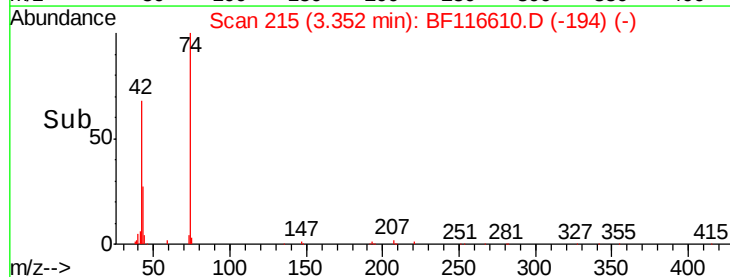
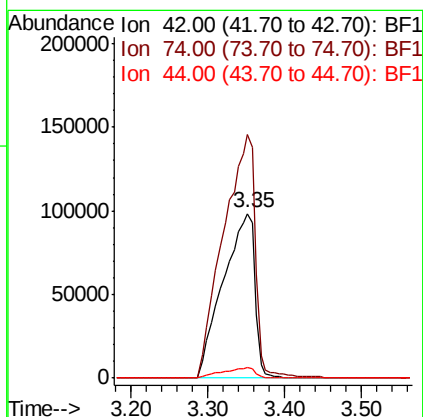
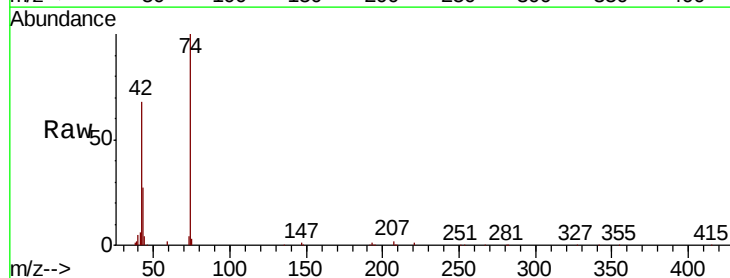
RT: 3.35 min Scan# 215

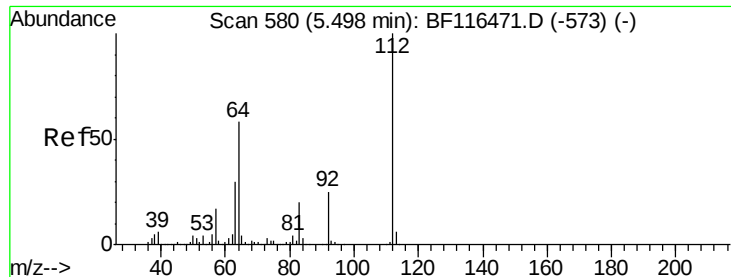
Delta R.T. 0.02 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion:	42	Resp:	282054
Ion	Ratio	Lower	Upper
42	100		
74	147.8	120.0	180.0
44	6.1	5.4	8.2





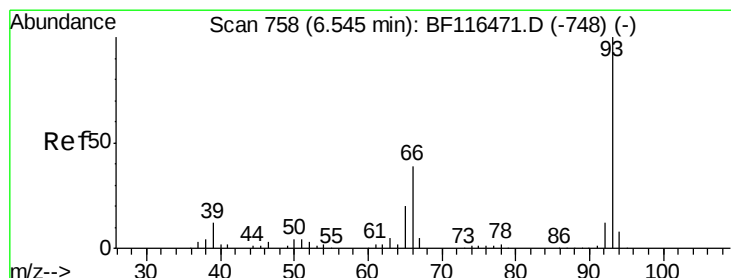
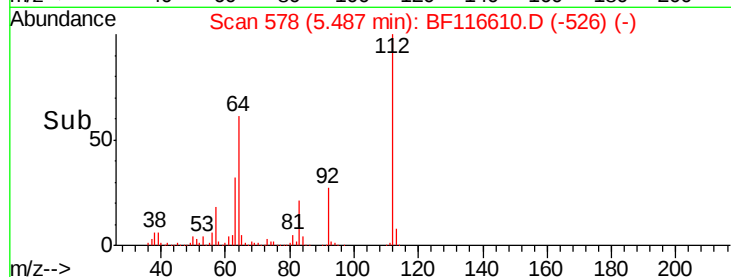
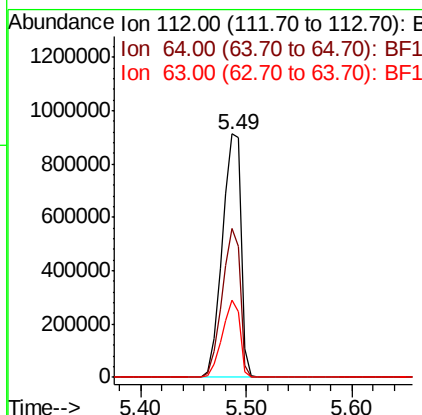
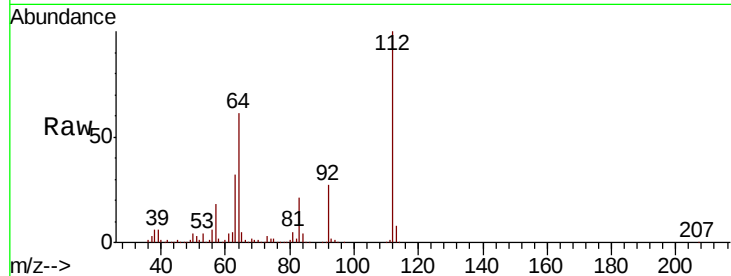
#5
2-Fluorophenol
Concen: 140.230 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.0	72.0
63	31.7	24.6	36.8

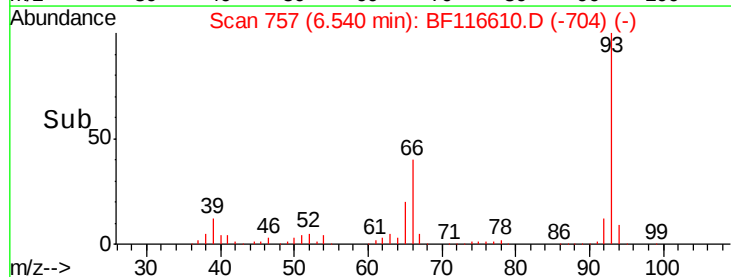
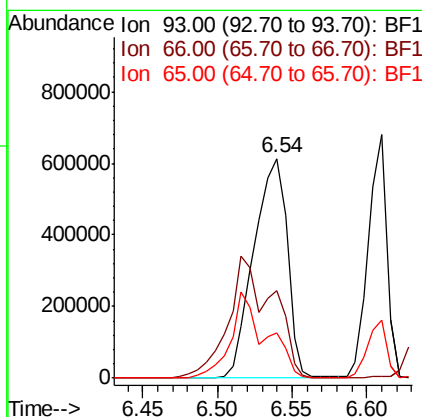
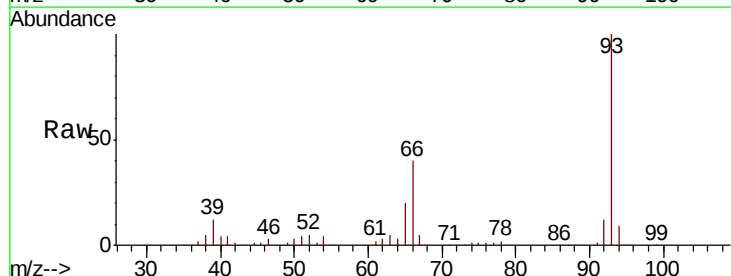
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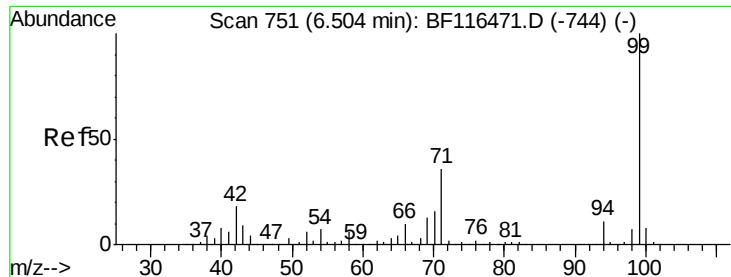
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#6
Aniline
Concen: 71.416 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.8	32.1	48.1
65	20.5	16.2	24.4





#7

Phenol-d6

Concen: 141.593 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion: 99 Resp: 1396579

Ion Ratio Lower Upper

99 100

42 17.5 13.2 19.8

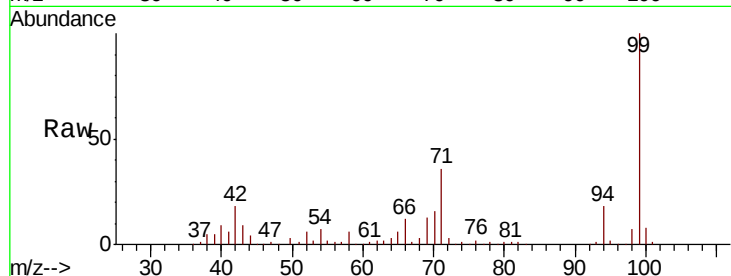
71 35.9 27.4 41.2

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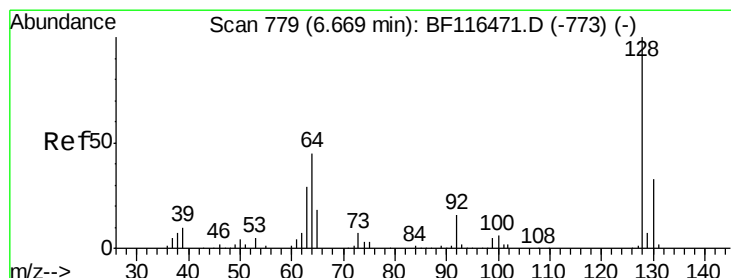
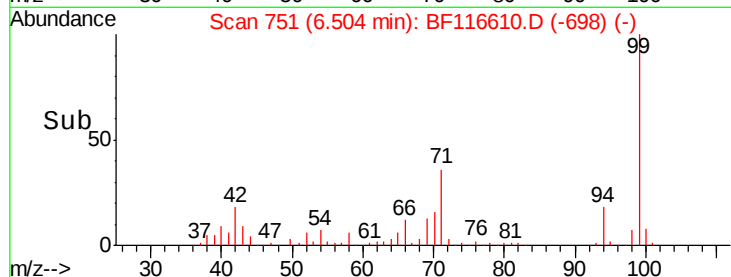
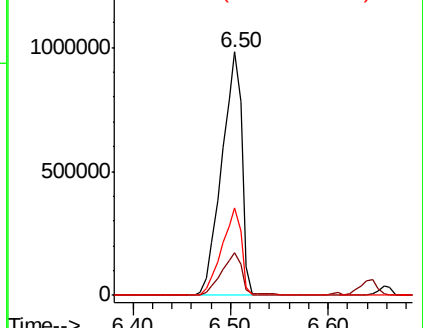
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 70.602 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

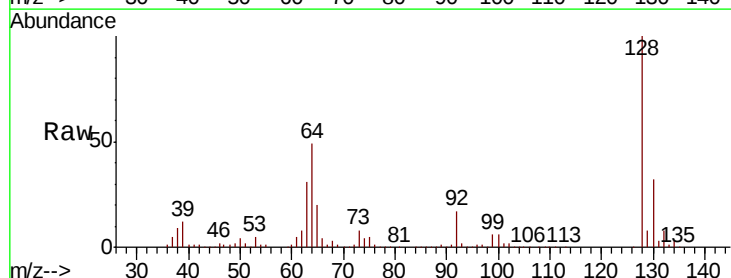
Tgt Ion: 128 Resp: 595990

Ion Ratio Lower Upper

128 100

130 32.2 11.8 51.8

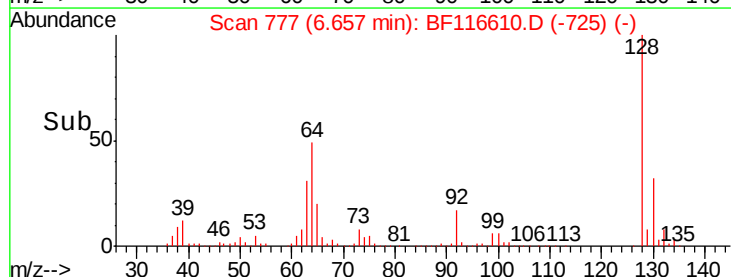
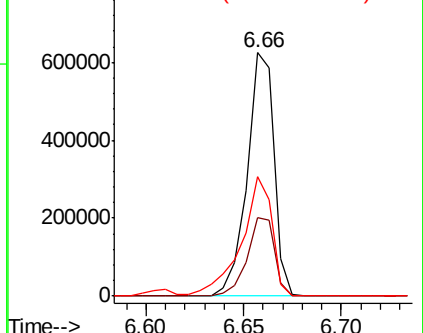
64 49.1 26.9 66.9

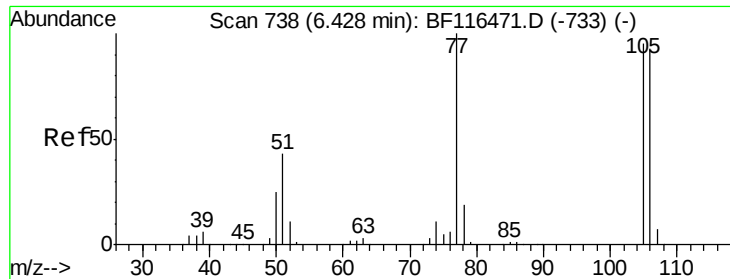


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 53.558 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

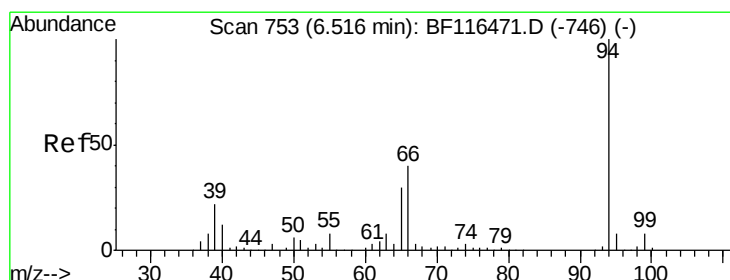
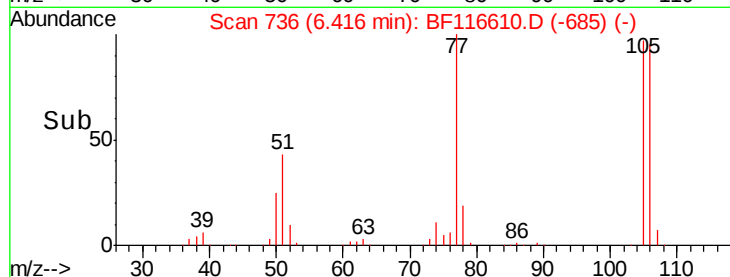
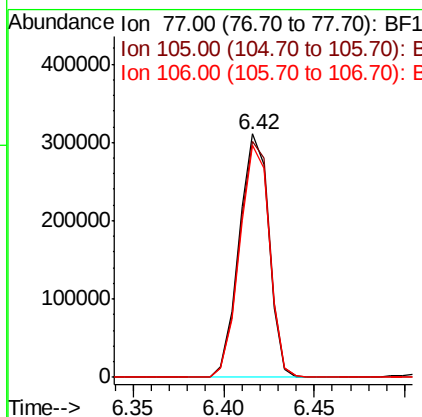
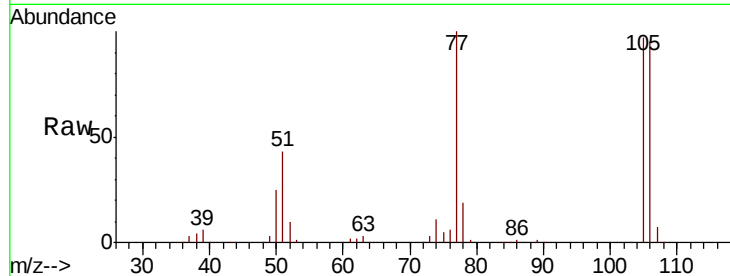
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	352962
Ion	Ratio	Lower	Upper
77	100		
105	97.0	81.6	121.6
106	95.3	77.1	117.1

Manual Integrations
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#10

Phenol

Concen: 74.104 ng

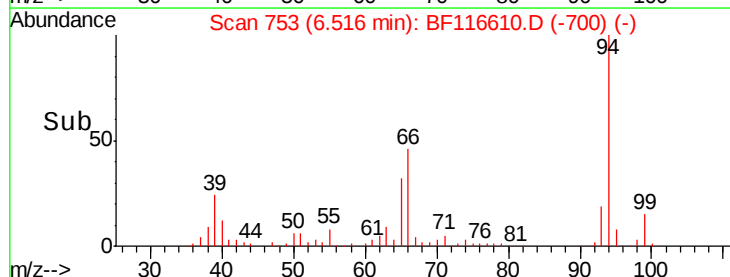
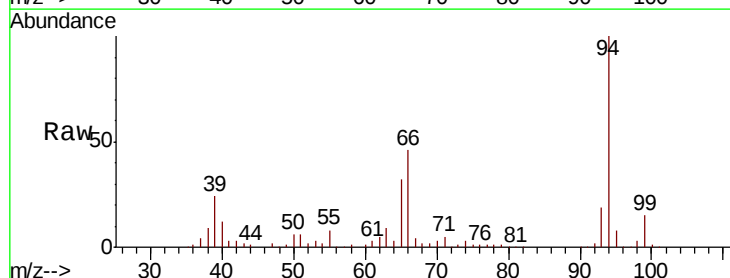
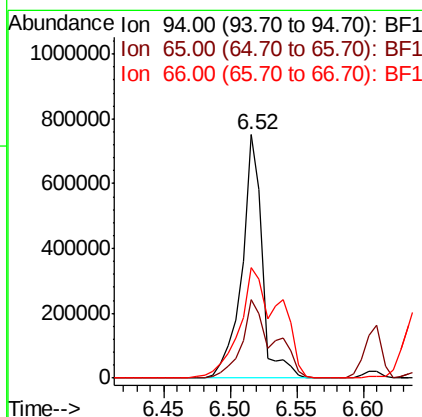
RT: 6.52 min Scan# 753

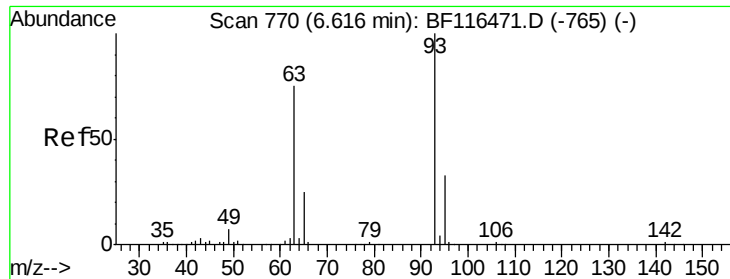
Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion:	94	Resp:	793716
Ion	Ratio	Lower	Upper
94	100		
65	32.2	8.6	48.6
66	45.5	18.0	58.0





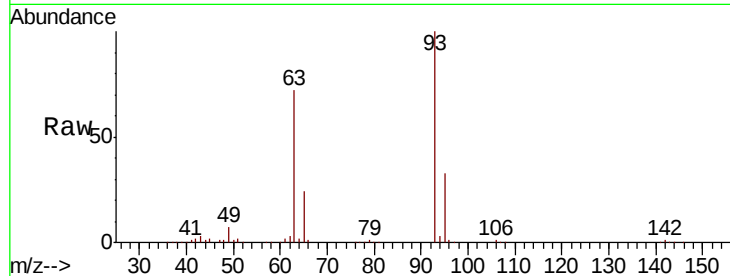
#11
bis(2-Chloroethyl)ether
Concen: 71.271 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

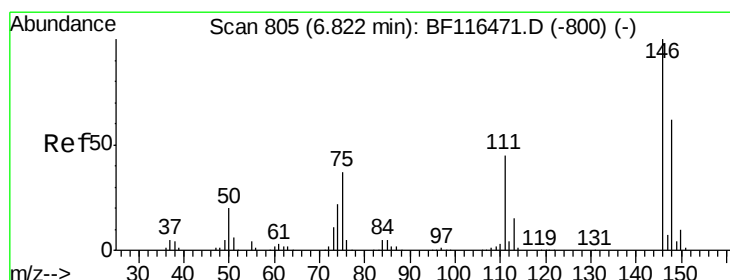
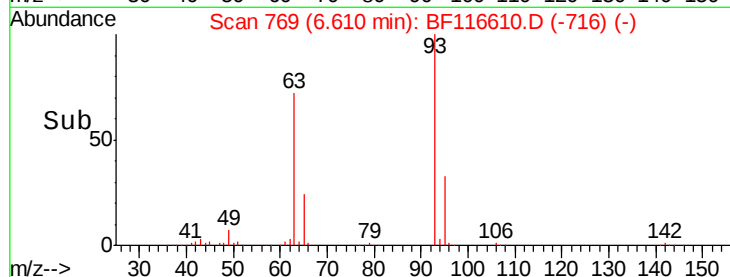
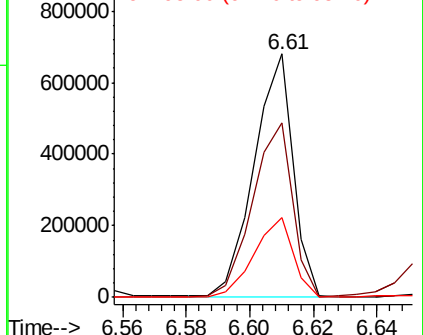
Tot Ion	93	Resp	581228
Ion	Ratio	Lower	Upper
93	100		
63	71.6	54.7	94.7
95	32.9	12.7	52.7

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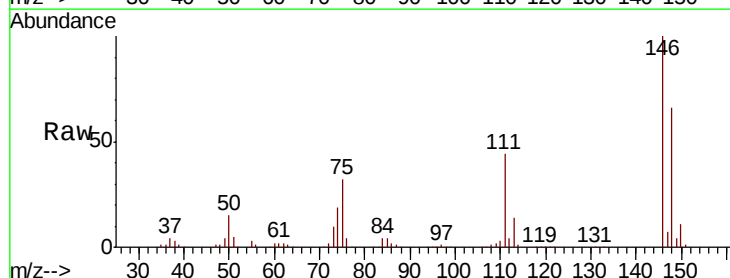


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

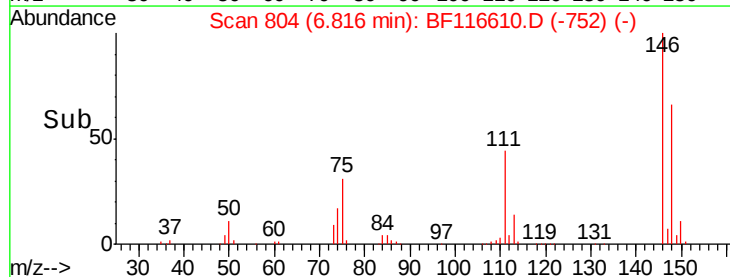
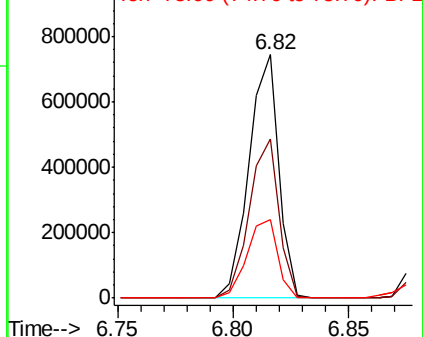


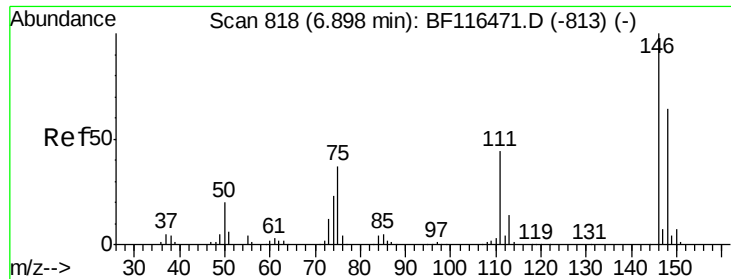
#12
1,3-Dichlorobenzene
Concen: 73.846 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	146	Resp	674716
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.0	76.6
75	32.0	25.1	37.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





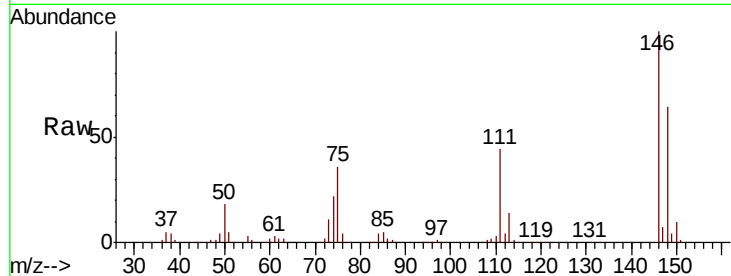
#13
 1,4-Dichlorobenzene
 Concen: 77.883 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	43.7	33.1	49.7

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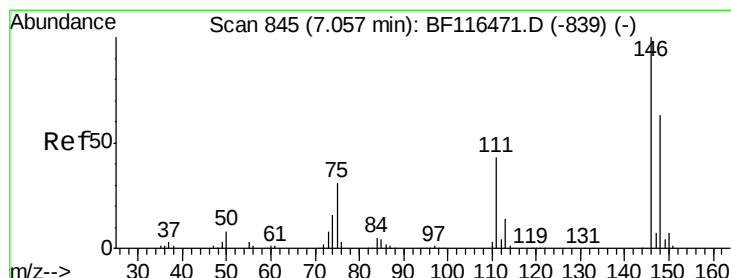
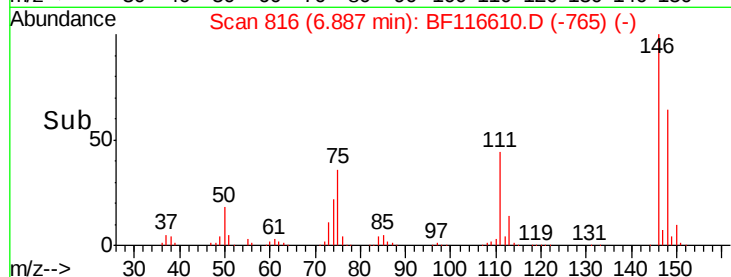
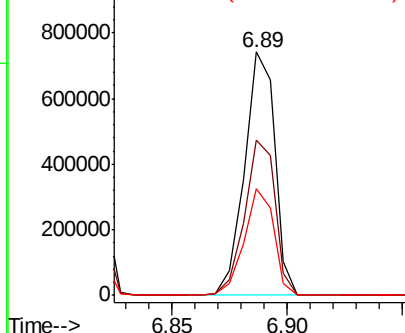


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 76.192 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

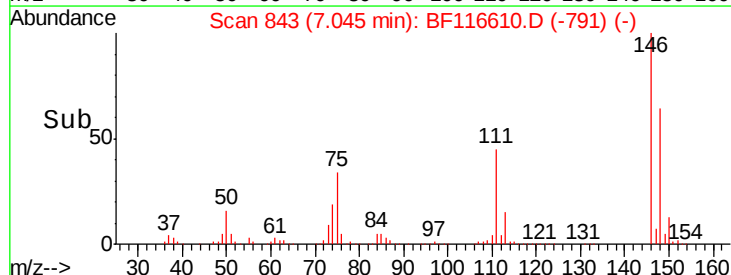
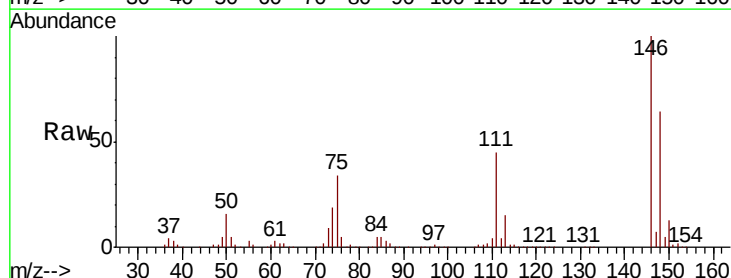
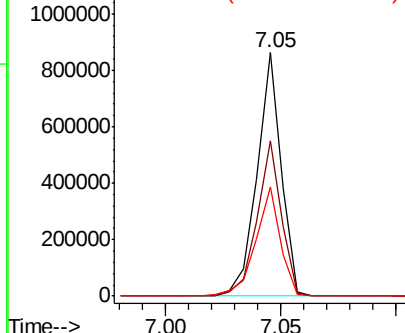
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	45.0	34.9	52.3

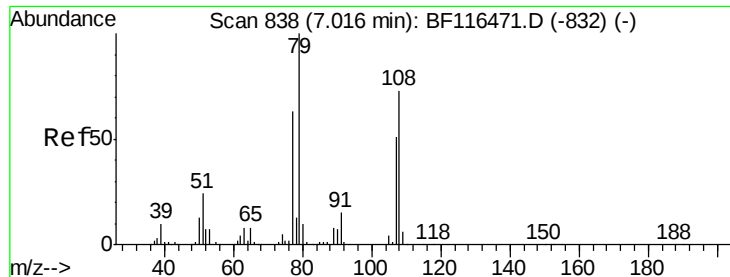
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 69.877 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

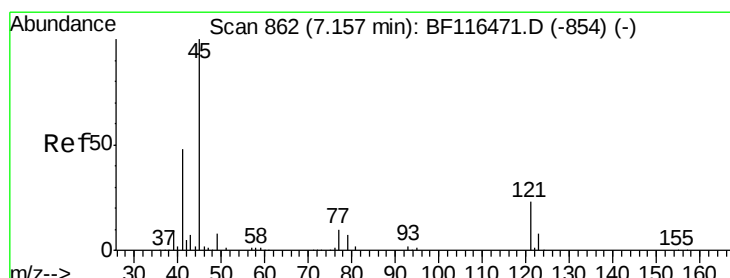
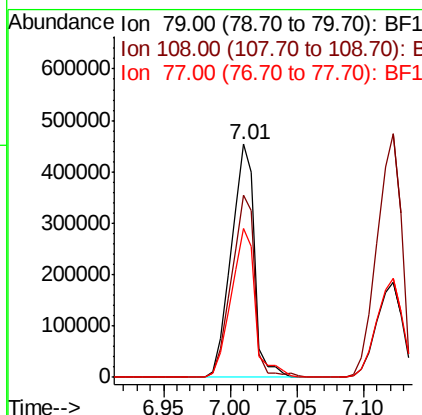
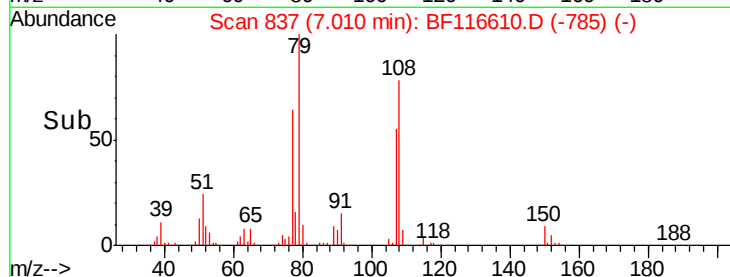
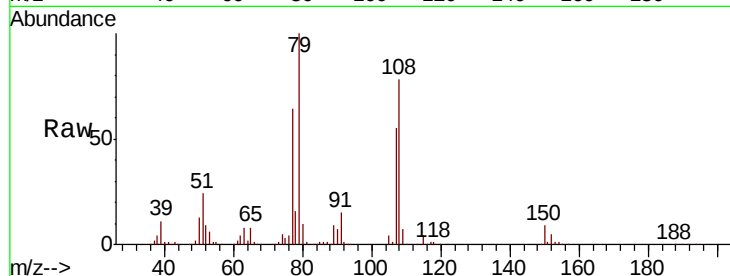
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	557767
Ion	Ratio	Lower	Upper
79	100		
108	78.4	62.2	93.4
77	64.1	49.8	74.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 68.721 ng

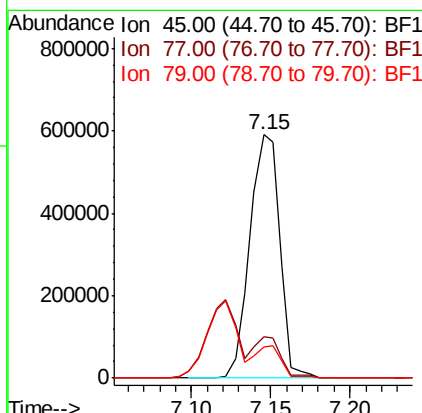
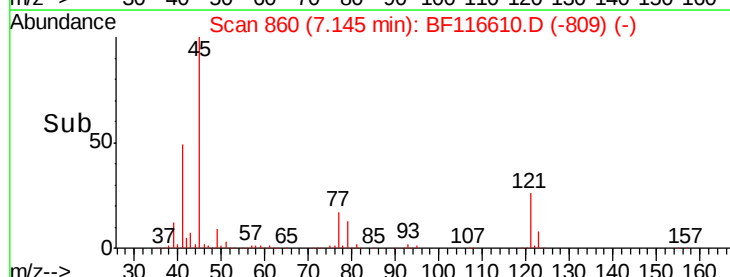
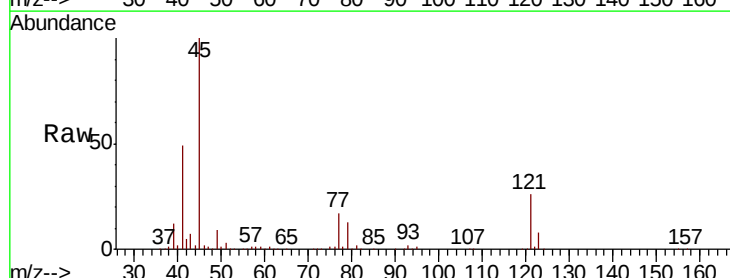
RT: 7.15 min Scan# 860

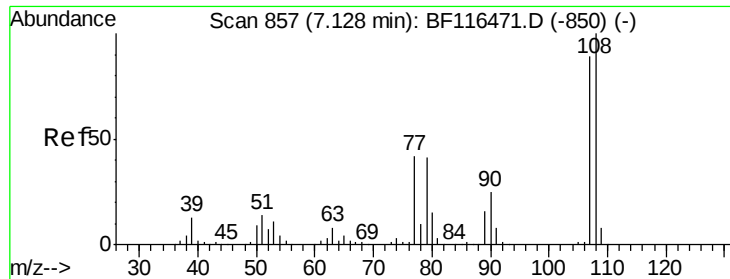
Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion:	45	Resp:	774889
Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	36.4
79	12.9	0.0	32.9





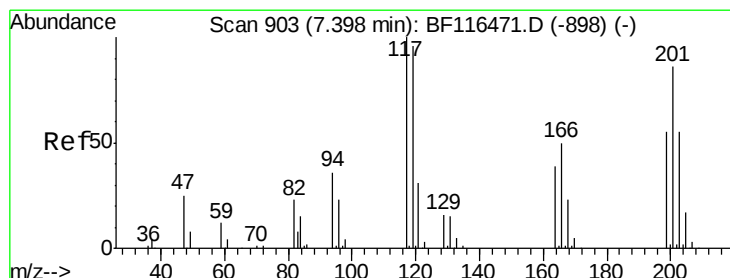
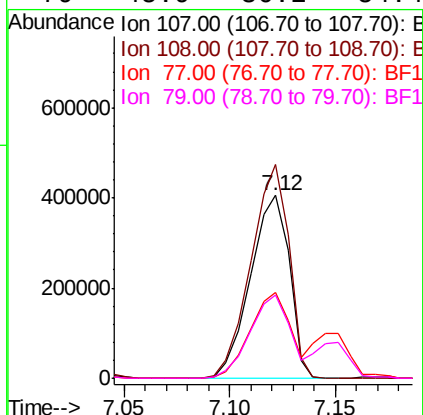
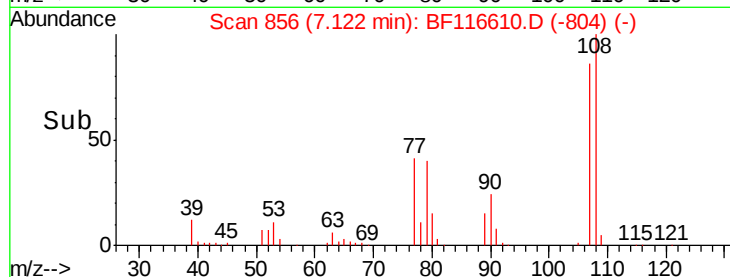
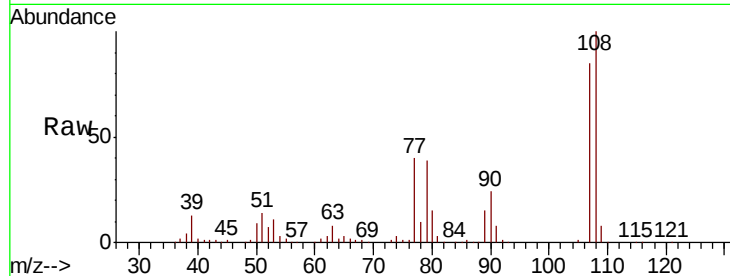
#17
2-Methylphenol
Concen: 74.137 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.0	90.9	136.3	
77	47.3	36.8	55.2	
79	45.9	36.2	54.4	

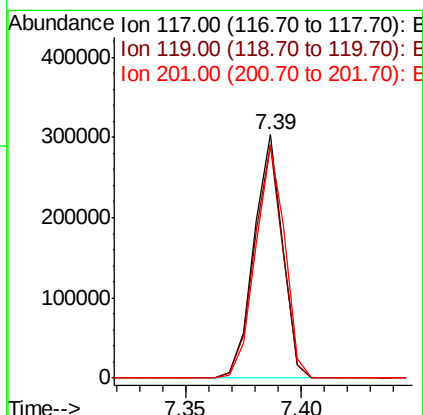
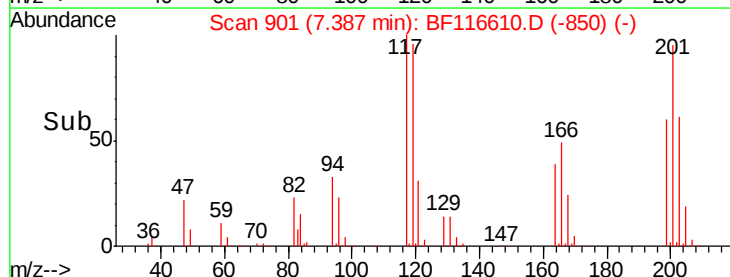
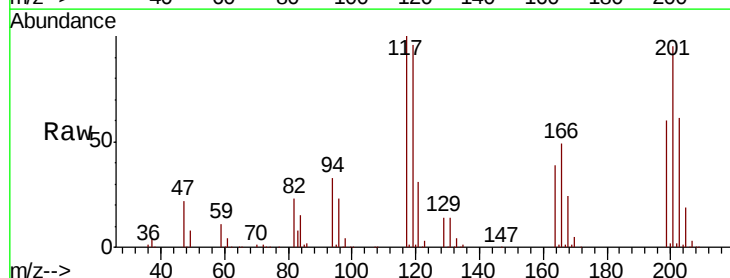
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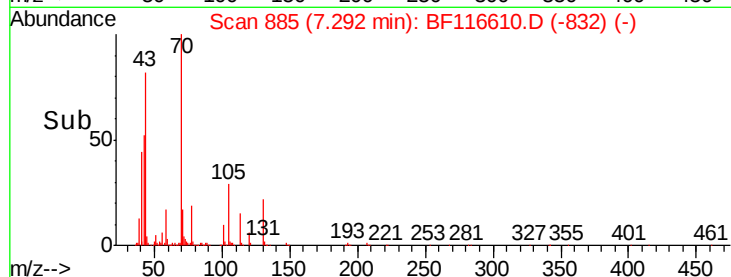
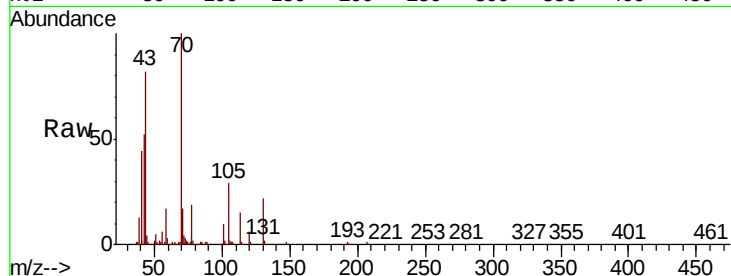
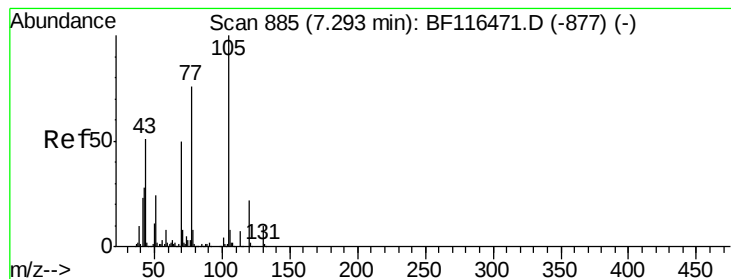
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#18
Hexachloroethane
Concen: 76.225 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	78.6	118.0	
201	95.2	86.2	129.2	





#19

n-Nitroso-di-n-propylamine

Concen: 66.440 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

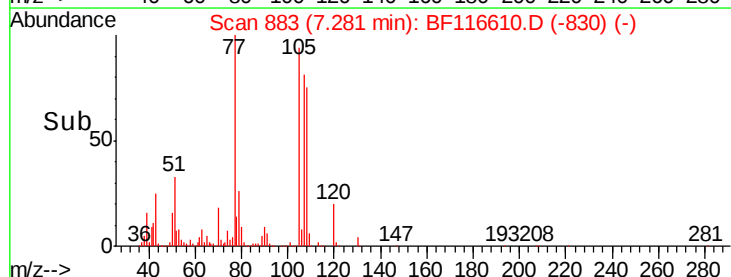
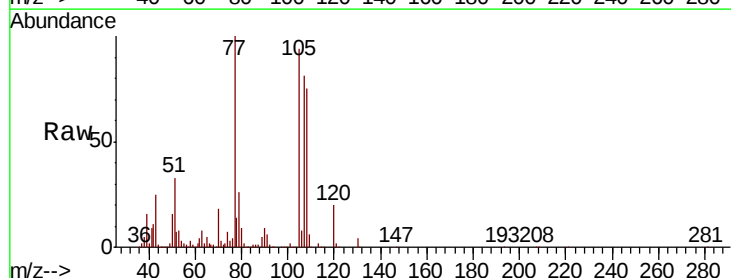
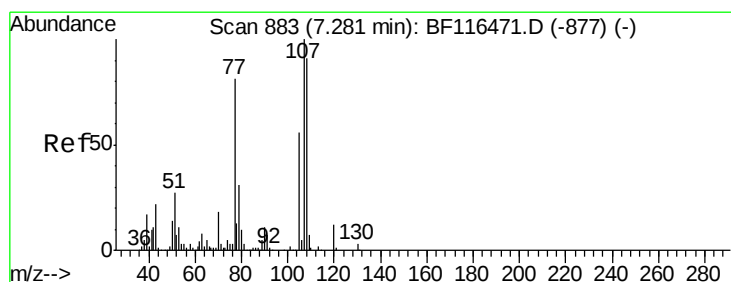
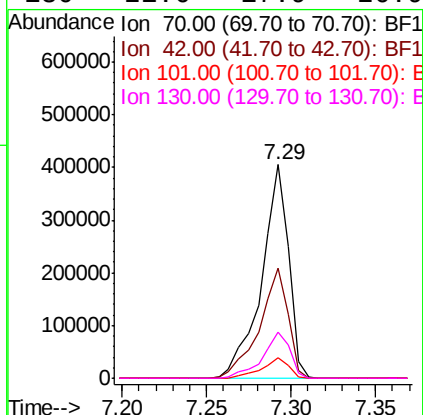
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.7	41.2	61.8	
101	9.8	7.7	11.5	
130	21.6	17.9	26.9	

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#20

3+4-Methylphenols

Concen: 71.574 ng

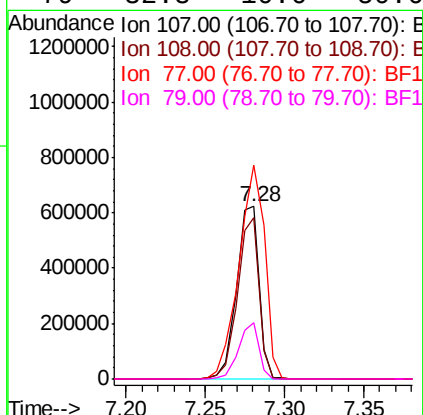
RT: 7.28 min Scan# 883

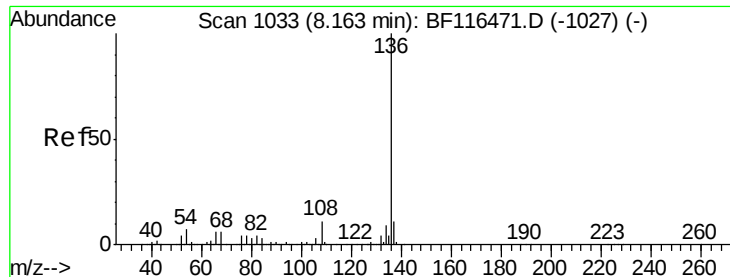
Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.2	72.6	112.6	
77	123.7	82.4	122.4#	
79	32.8	10.6	50.6	





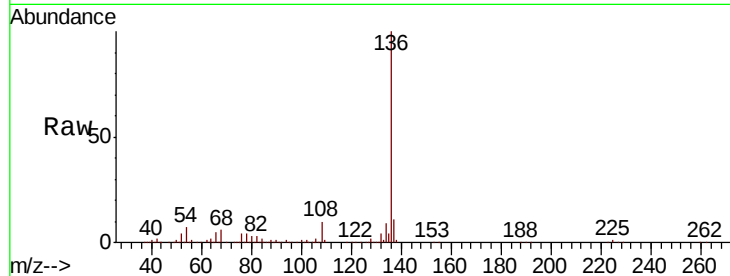
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100	482125		
137	11.0	8.7	13.1	
54	6.7	5.0	7.4	
68	5.9	4.5	6.7	

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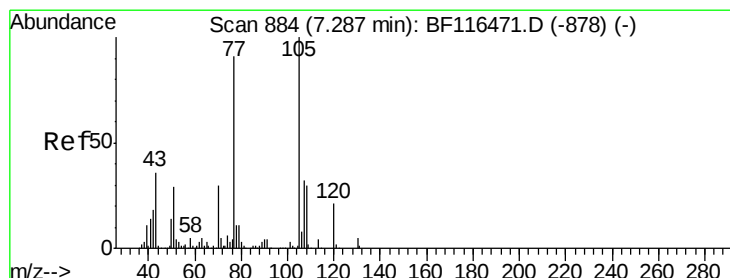
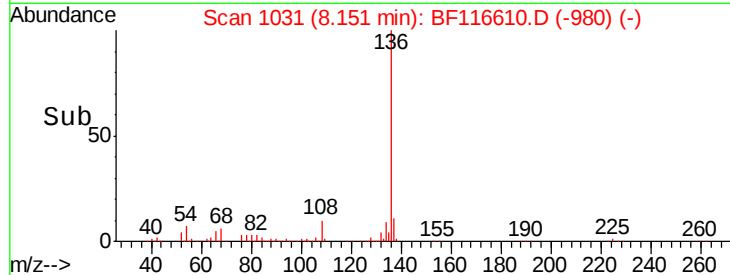
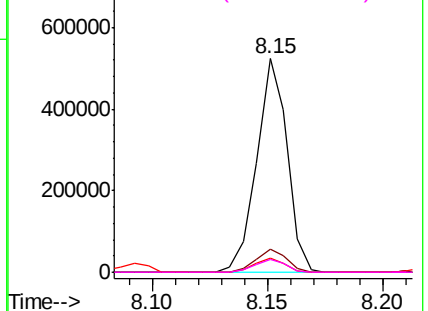
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 71.616 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	863394		
71	3.2	5.0	7.6#	
51	34.8	20.7	31.1#	
120	21.5	17.9	26.9	

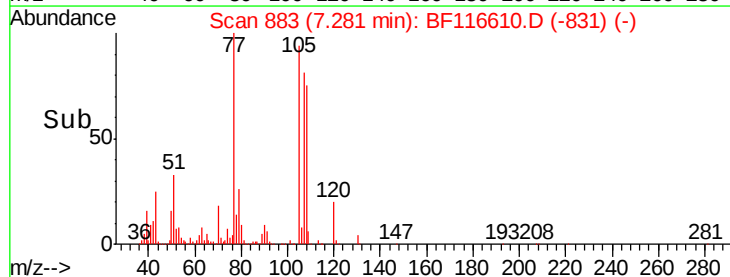
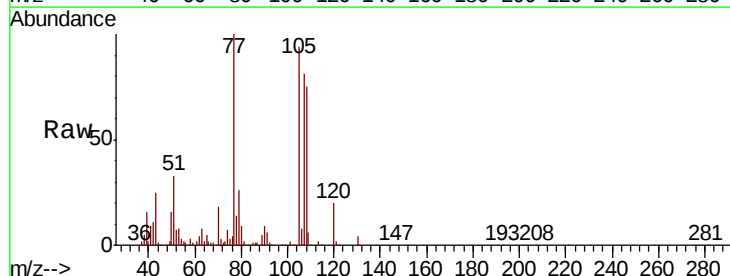
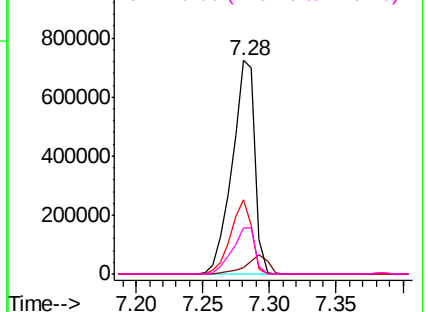
Abundance

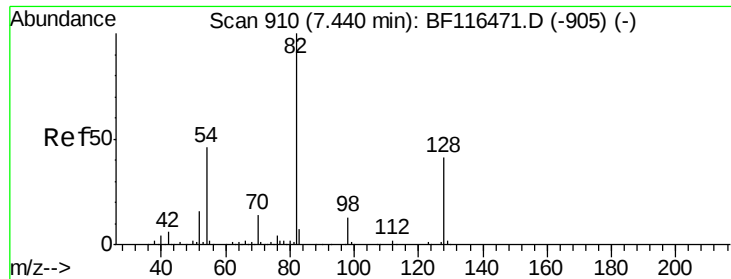
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





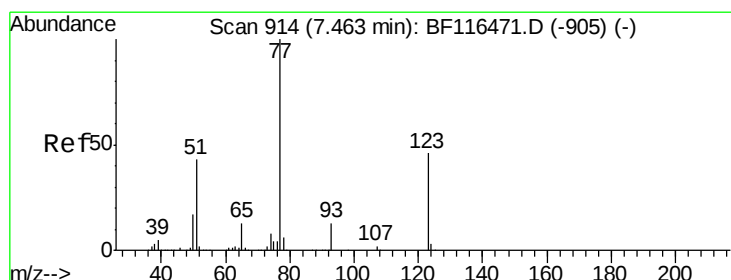
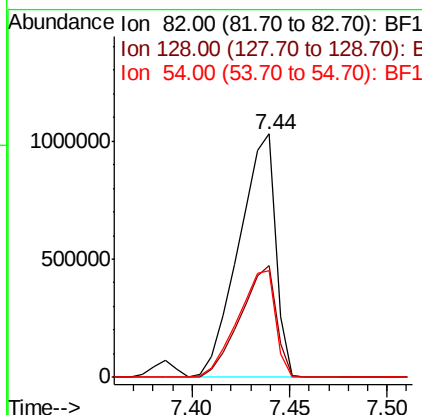
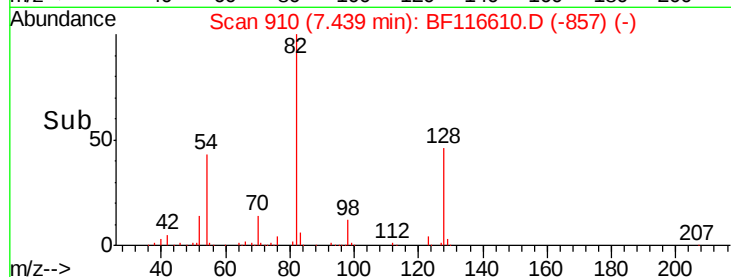
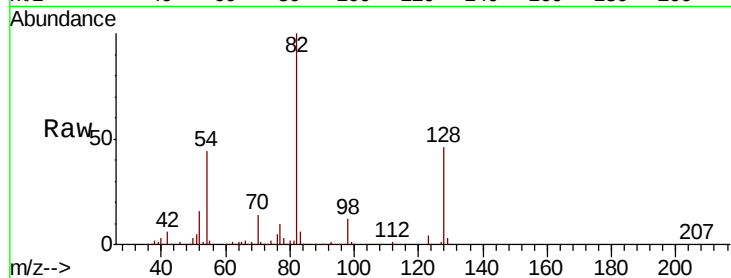
#23
Nitrobenzene-d5
Concen: 152.957 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	82	Resp	1347916
Ion Ratio	100	Lower	Upper
128	45.9	35.0	52.6
54	44.1	34.4	51.6

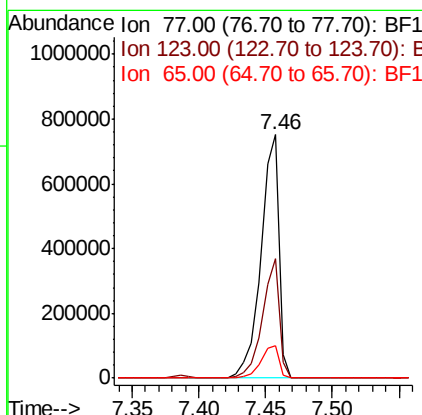
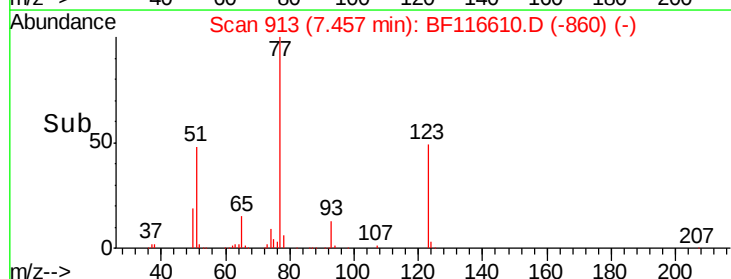
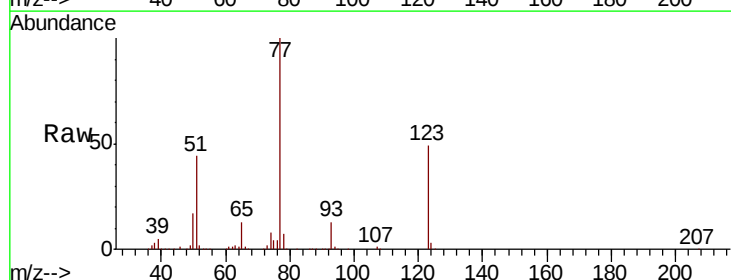
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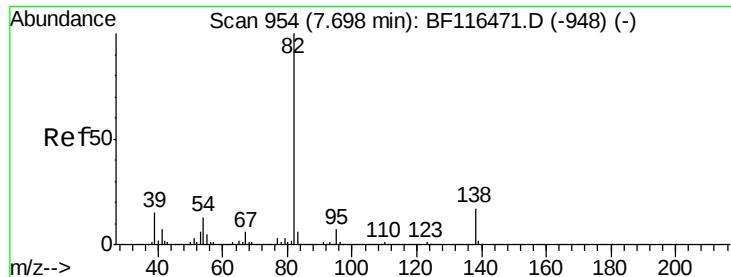
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#24
Nitrobenzene
Concen: 75.781 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	77	Resp	691589
Ion Ratio	100	Lower	Upper
123	49.1	38.2	57.4
65	13.5	11.0	16.6





#25

Isophorone

Concen: 70.432 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

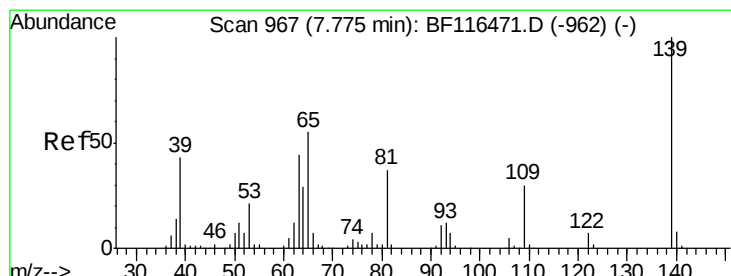
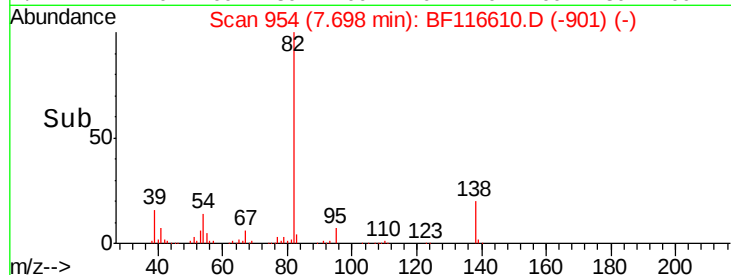
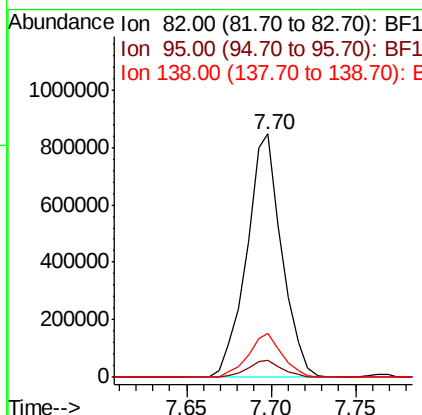
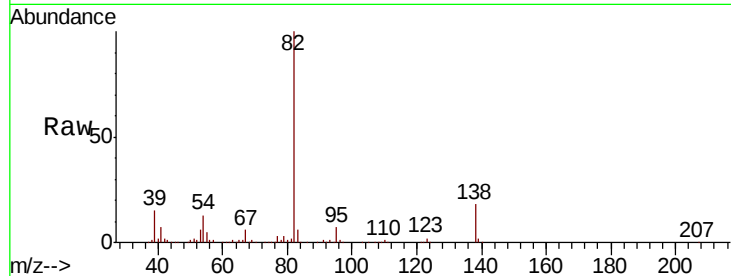
ClientSampleId :

SSTDICC080

Tot Ion:	82	Resp:	1223137
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	18.1	14.4	21.6

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#26

2-Nitrophenol

Concen: 99.901 ng

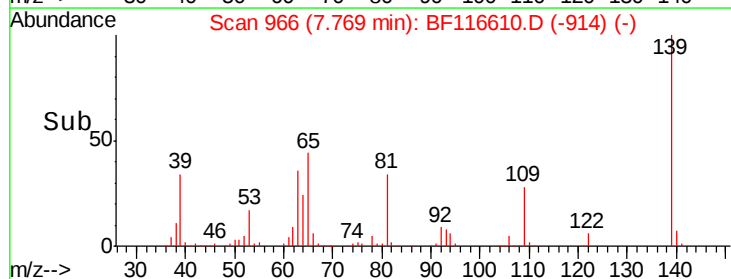
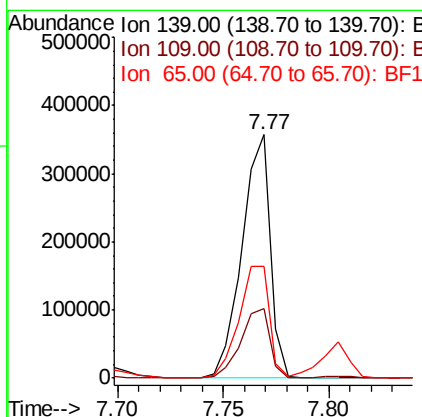
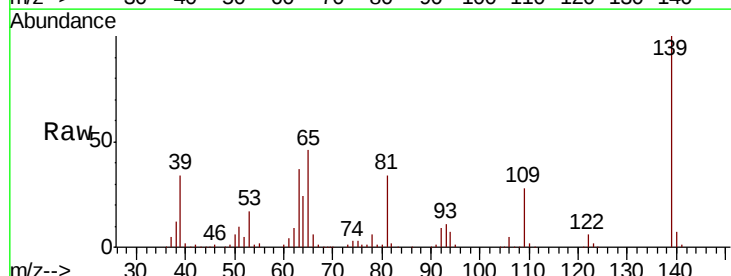
RT: 7.77 min Scan# 966

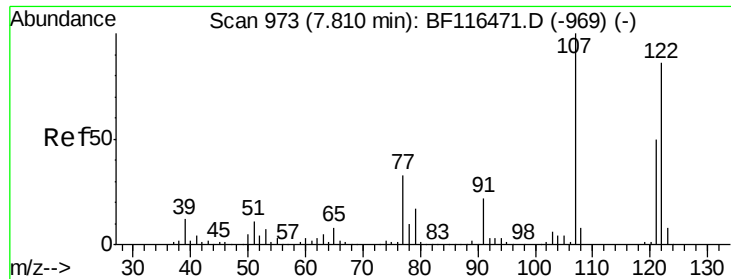
Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion:	139	Resp:	333022
Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.4	33.6
65	46.1	36.9	55.3





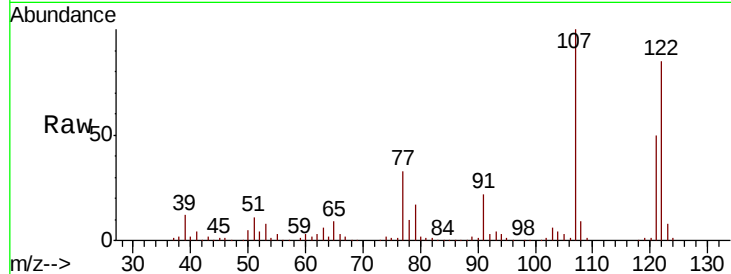
#27
 2,4-Dimethylphenol
 Concen: 69.796 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	117.1	95.4	143.0
121	58.8	47.8	71.8

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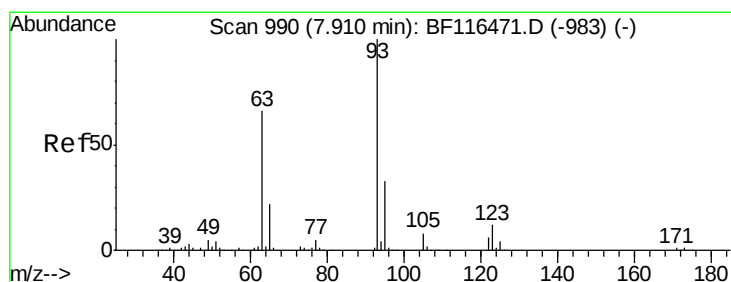
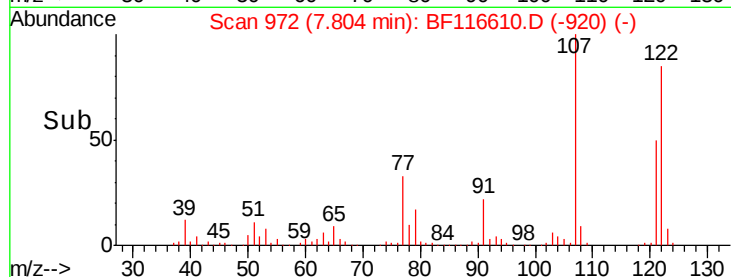
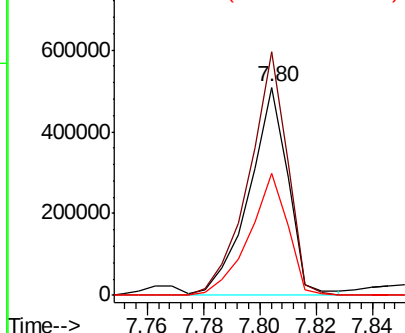


Abundance

Ion 122.00 (121.70 to 122.70): E

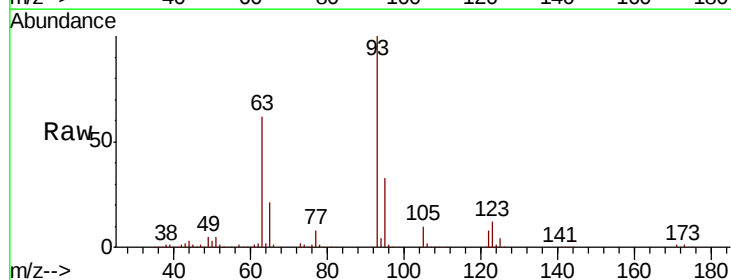
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 70.084 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	33.5	26.1	39.1
123	12.3	10.4	15.6

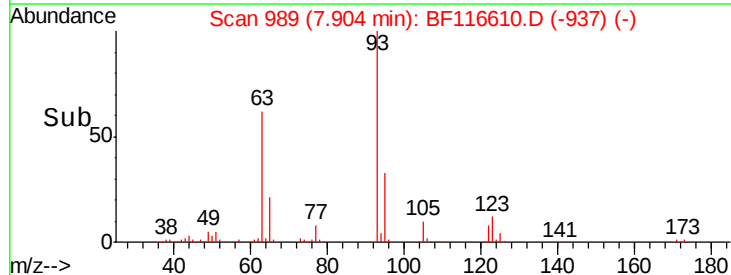
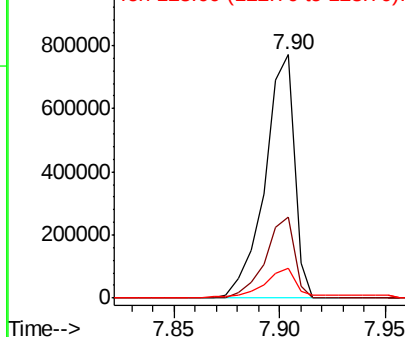


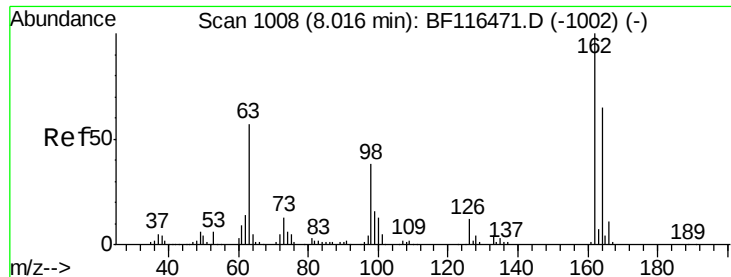
Abundance

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





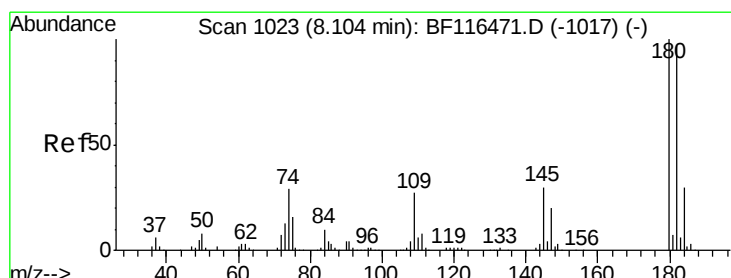
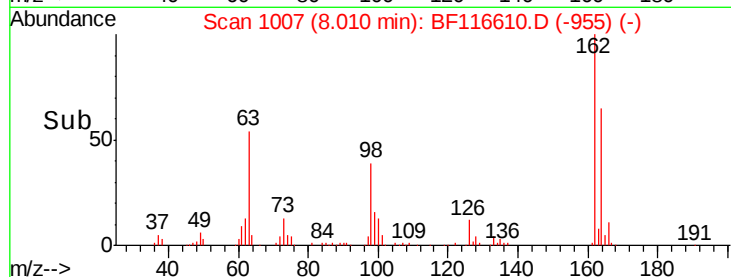
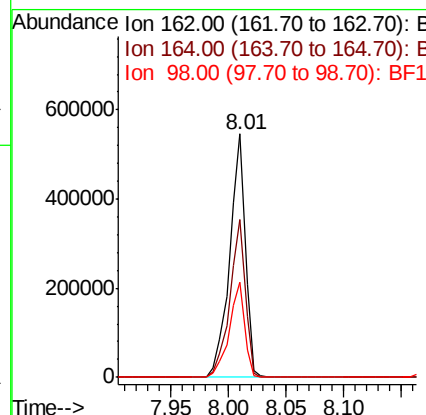
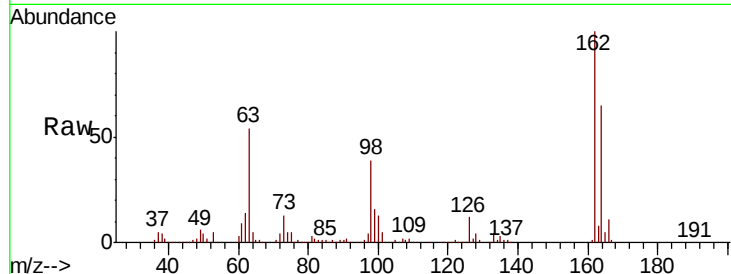
#29
 2,4-Dichlorophenol
 Concen: 77.987 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.6	45.9	85.9	
98	38.9	17.4	57.4	

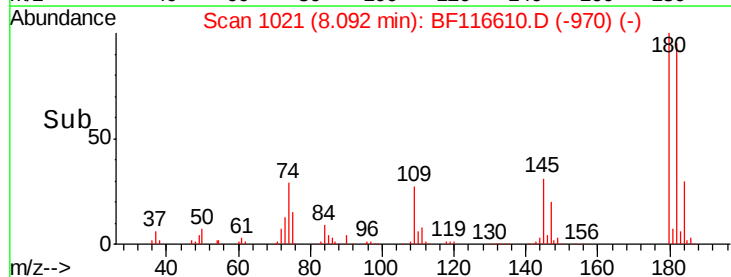
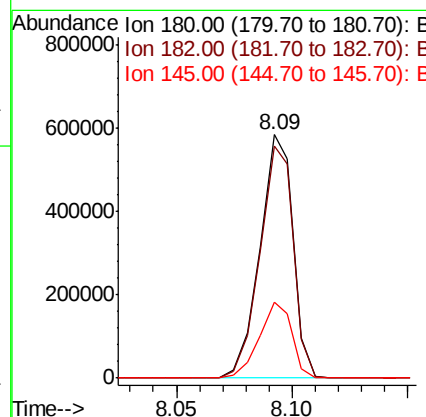
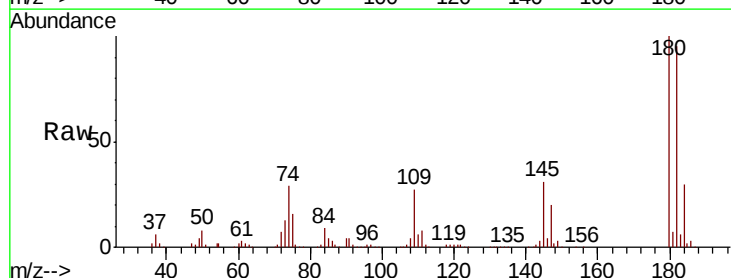
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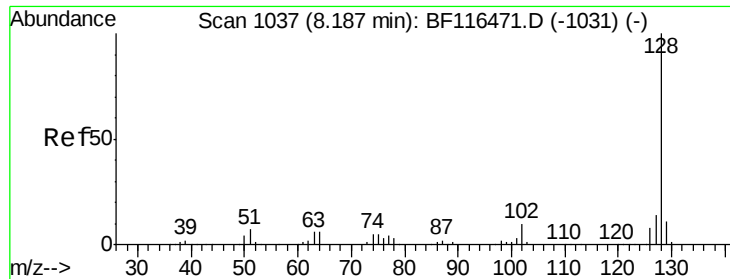
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#30
 1,2,4-Trichlorobenzene
 Concen: 78.366 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	76.7	115.1	
145	31.3	24.1	36.1	





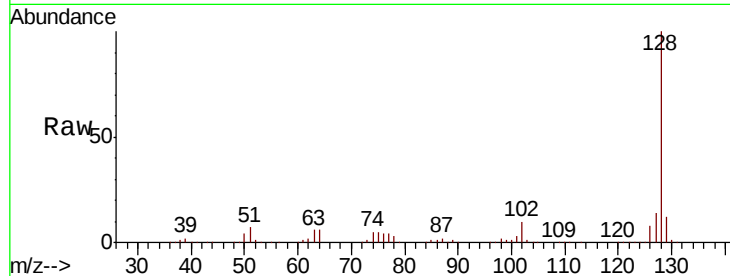
#31
Naphthalene
Concen: 73.400 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	14.1	10.9	16.3

Manual Integrations
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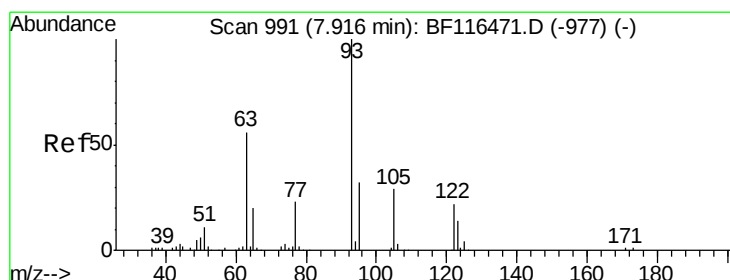
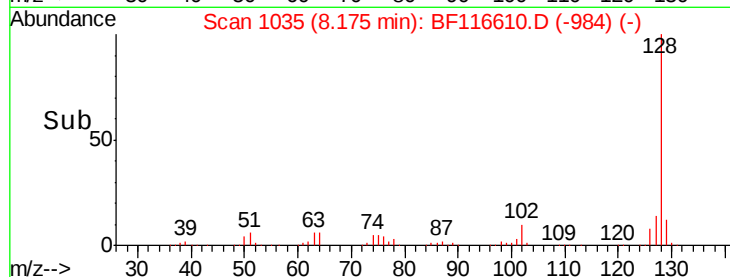
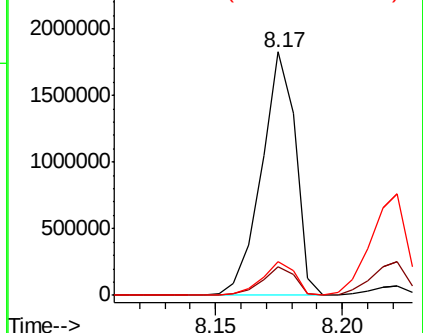


Abundance

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: 95.285 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.04 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

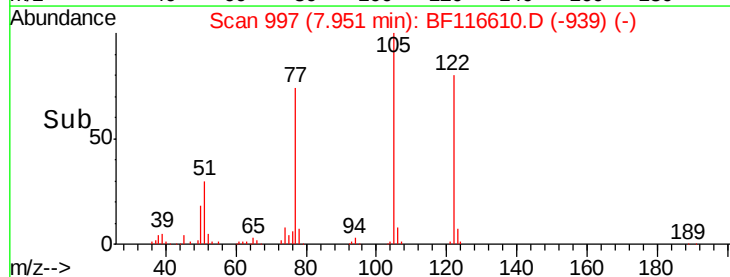
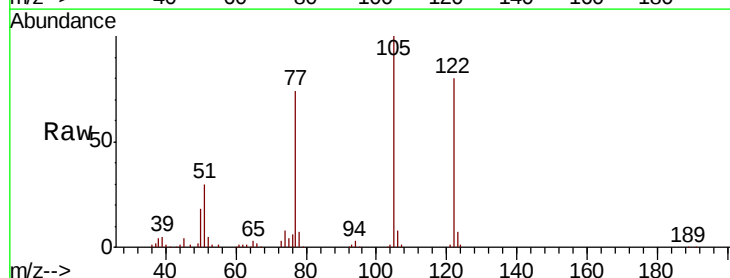
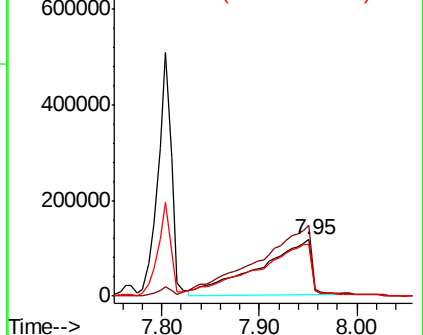
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	105.8	145.8
77	92.3	74.1	114.1

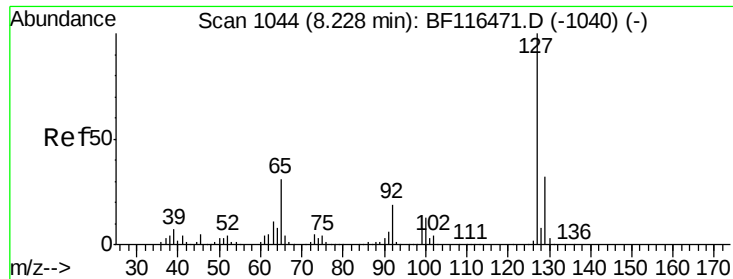
Abundance

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





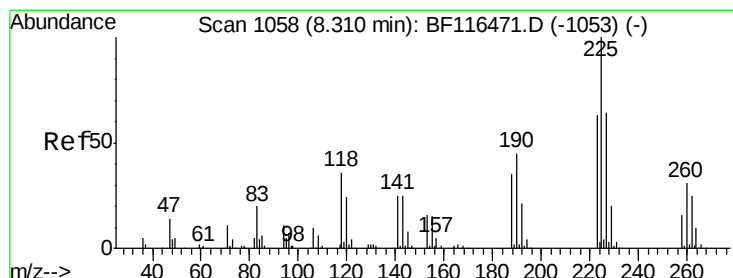
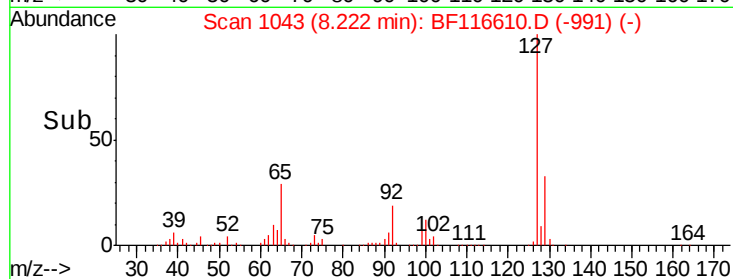
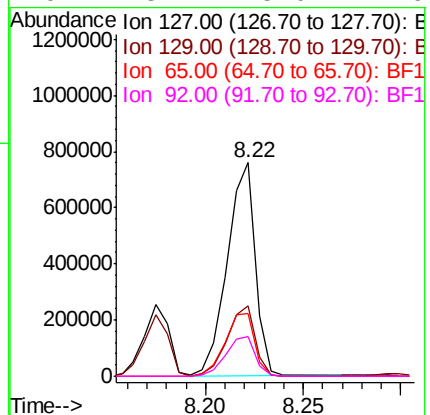
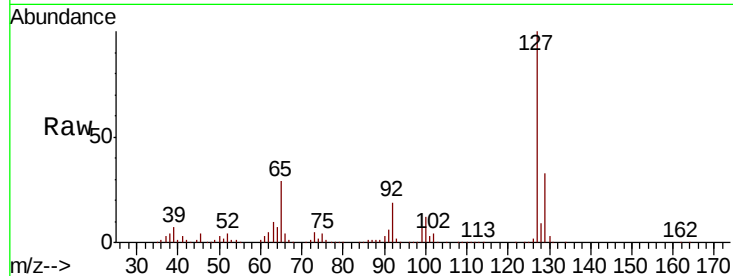
#33
4-Chloroaniline
Concen: 74.143 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	29.4	22.6	33.8		
92	18.7	15.0	22.6		

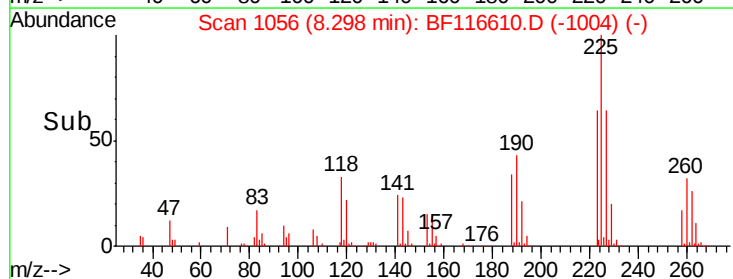
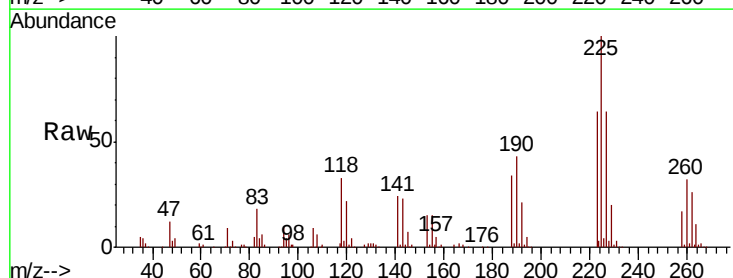
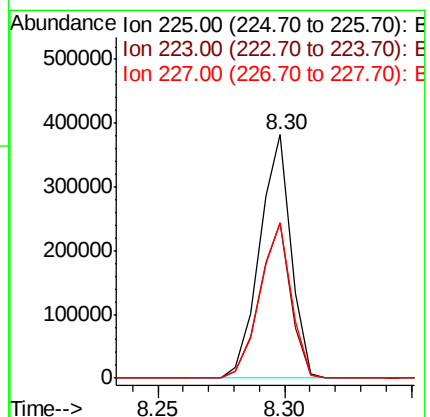
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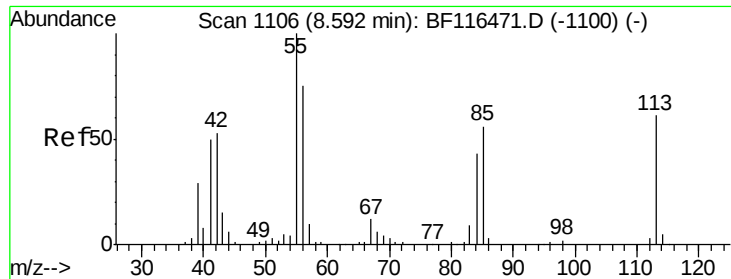
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#34
Hexachlorobutadiene
Concen: 80.472 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.7	76.1		
227	63.9	50.4	75.6		





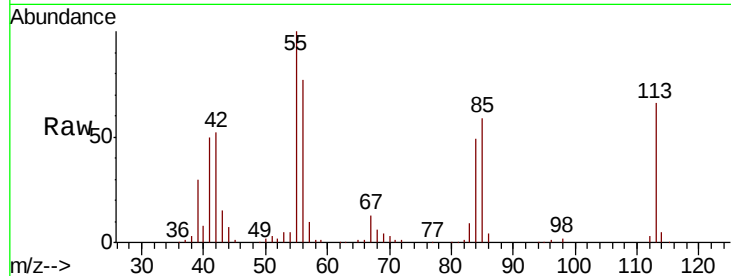
#35
Caprolactam
Concen: 71.512 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	152.3	128.3	168.3	
56	116.7	93.2	133.2	

Manual Integrations
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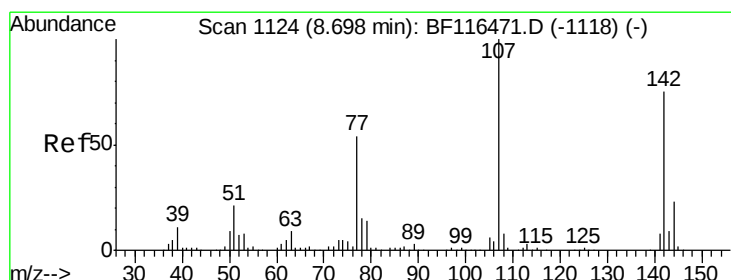
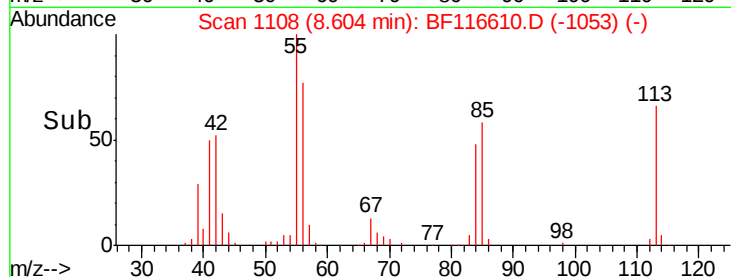
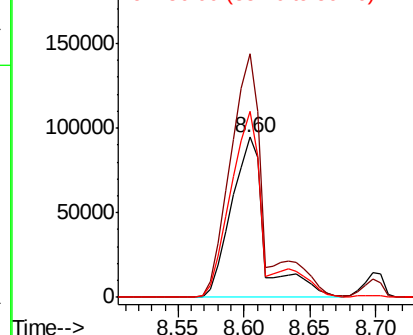


Abundance

Ion 113.00 (112.70 to 113.70): E

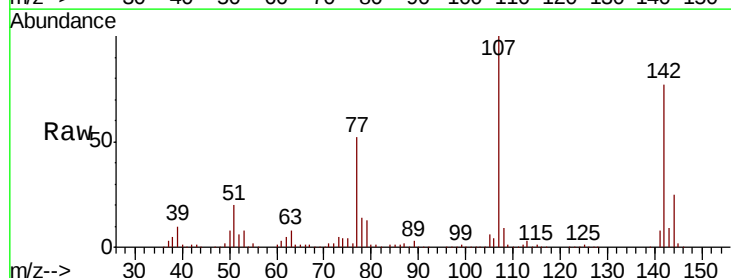
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 73.544 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.8	20.6	30.8	
142	77.2	63.8	95.6	

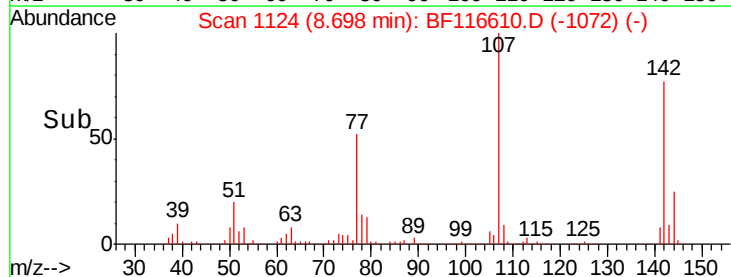
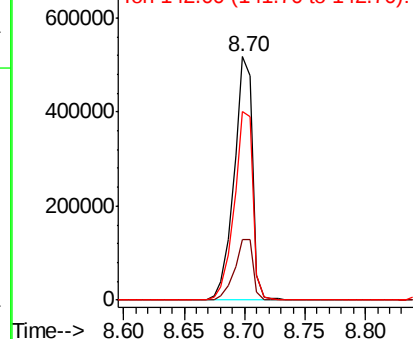


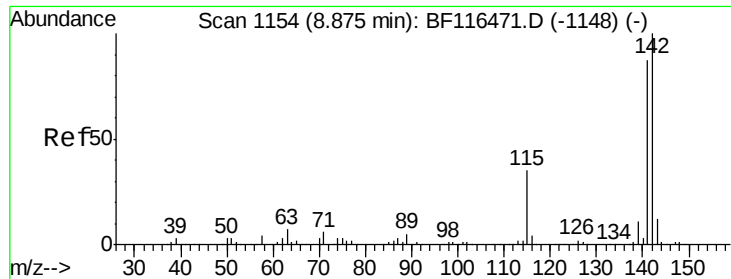
Abundance

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





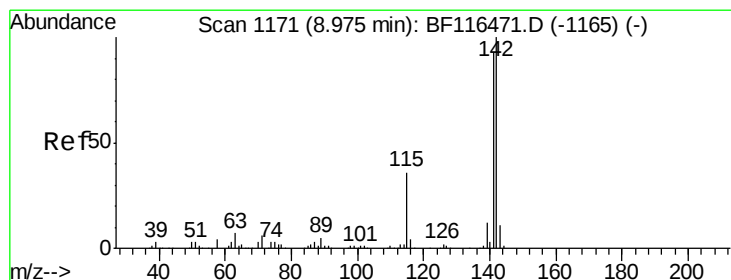
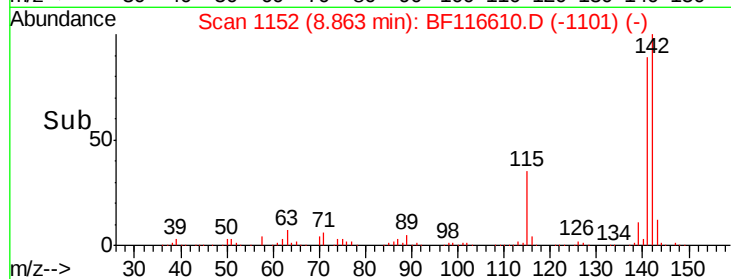
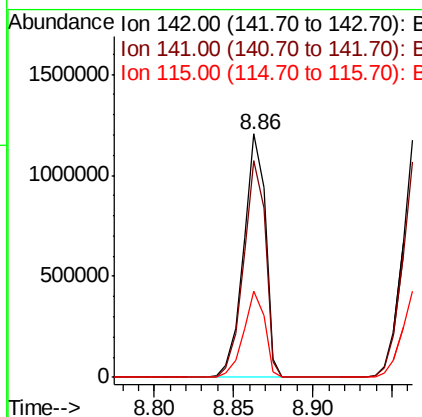
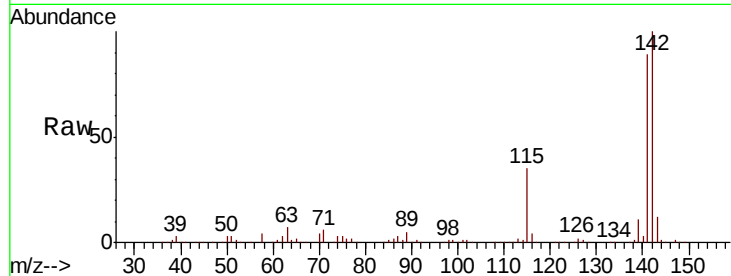
#37
2-Methylnaphthalene
Concen: 71.331 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.5	104.3
115	35.3	26.0	39.0

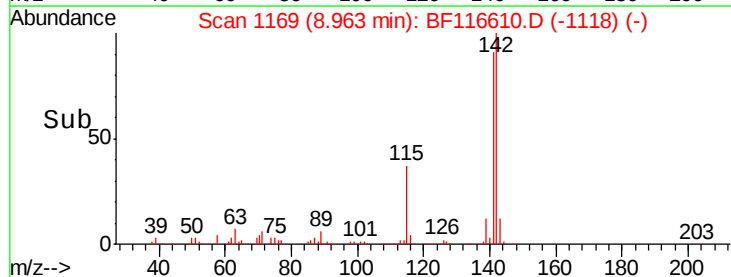
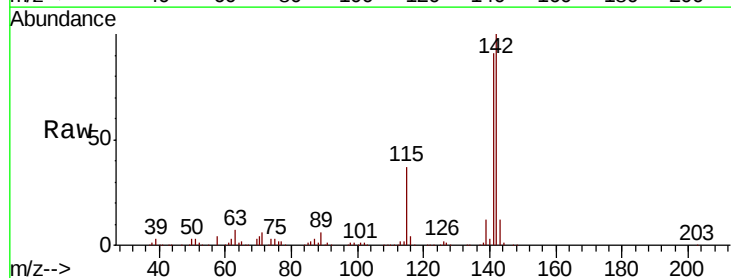
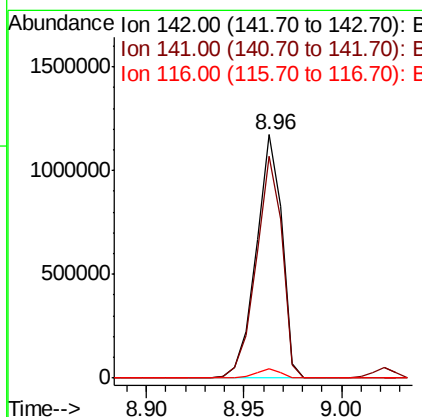
Manual Integrations
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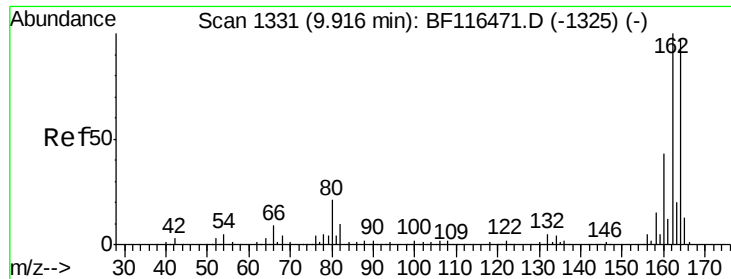
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#38
1-Methylnaphthalene
Concen: 71.539 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.1	109.7
116	3.9	2.7	4.1





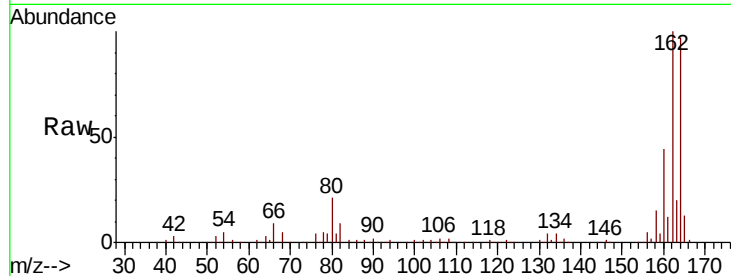
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	83.4	125.0	
160	45.3	37.0	55.4	

Manual Integrations
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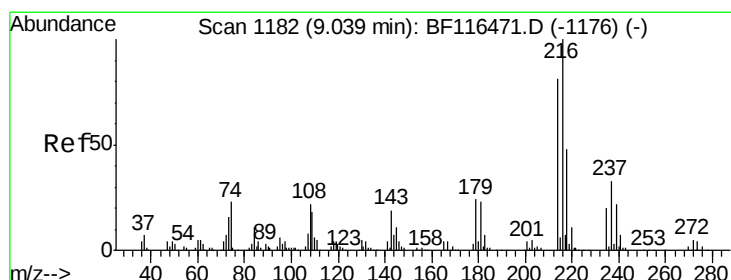
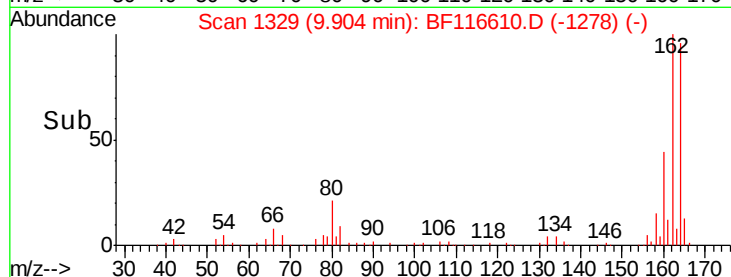
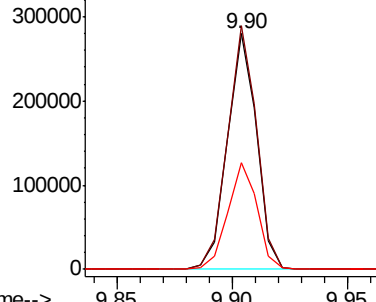


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 77.953 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.3	94.9	
179	22.5	17.9	26.9	
108	20.9	16.0	24.0	

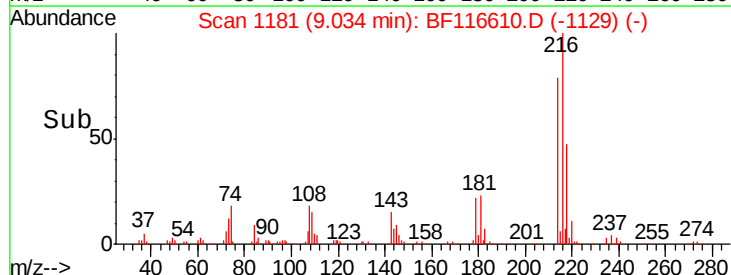
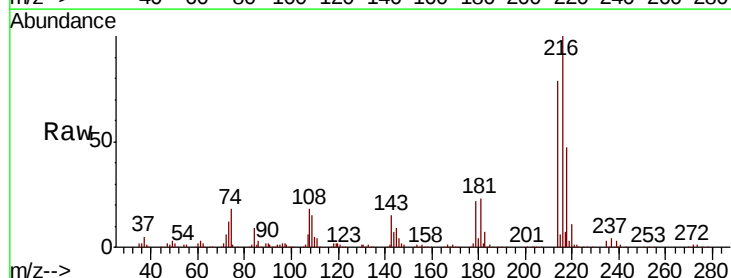
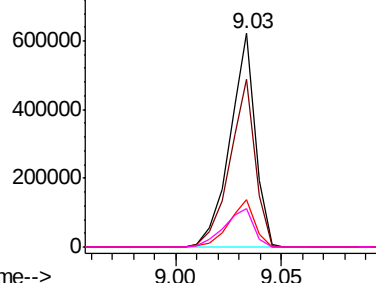
Abundance

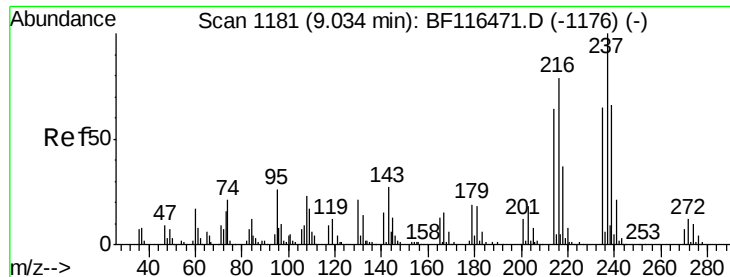
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.443 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

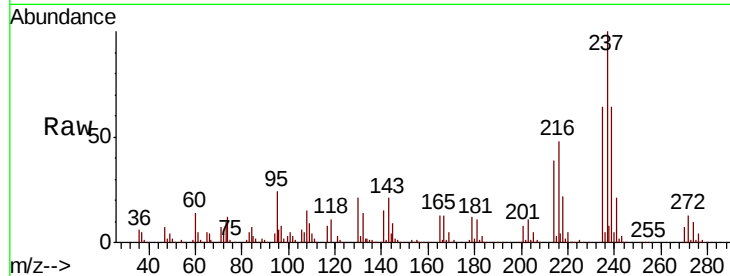
ClientSampleId :

SSTDIC080

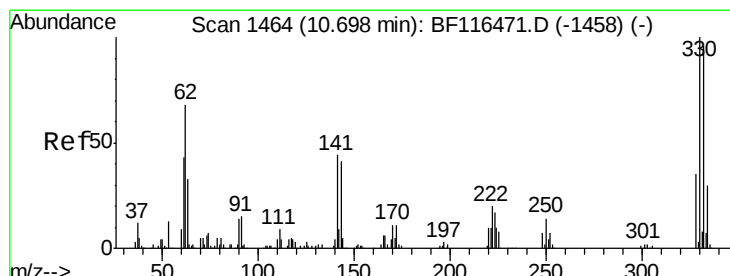
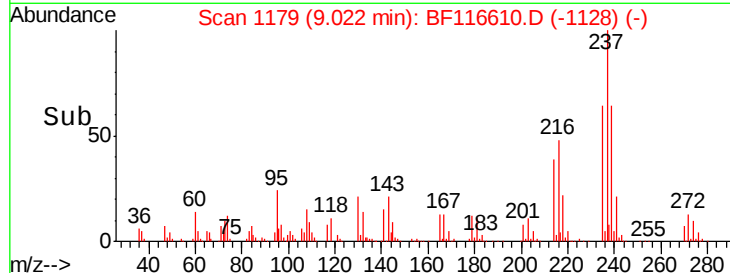
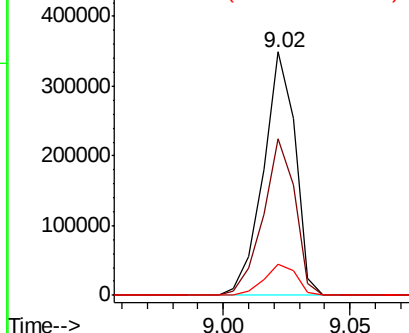
Tot Ion:	237	Resp:	309200
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.9	82.9
272	12.7	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 164.381 ng

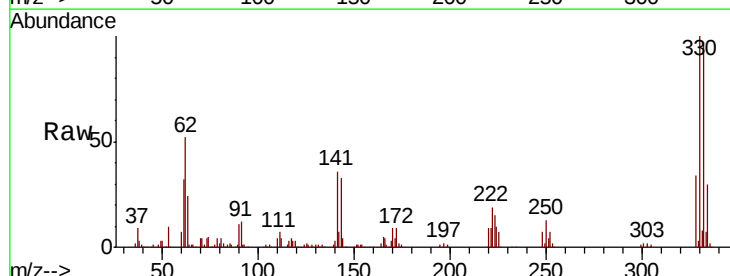
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

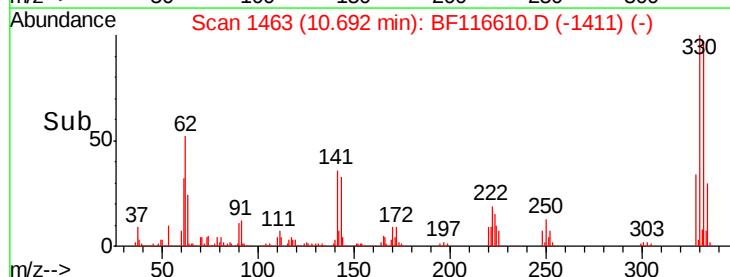
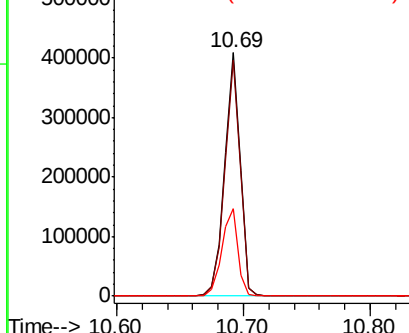
Lab File: BF116610.D

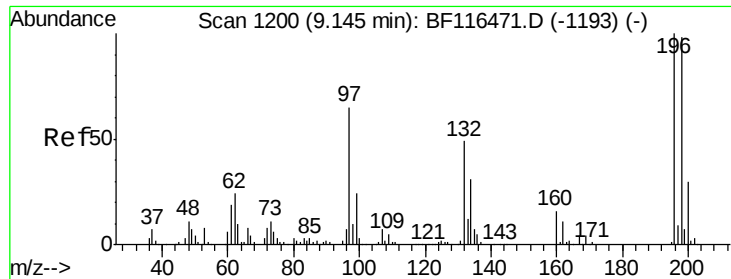
Acq: 28 Aug 2019 11:44

Tgt Ion:	330	Resp:	348789
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.5	116.3
141	37.4	28.2	42.2



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





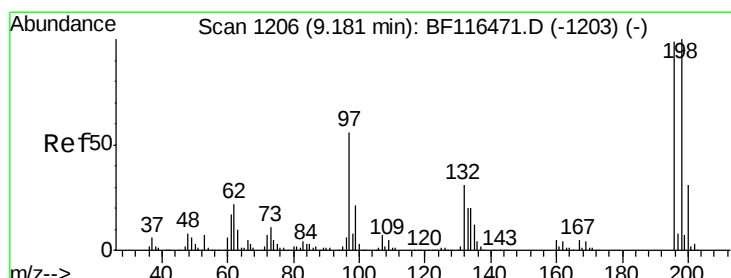
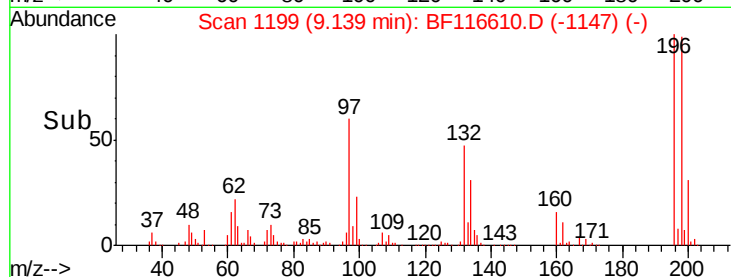
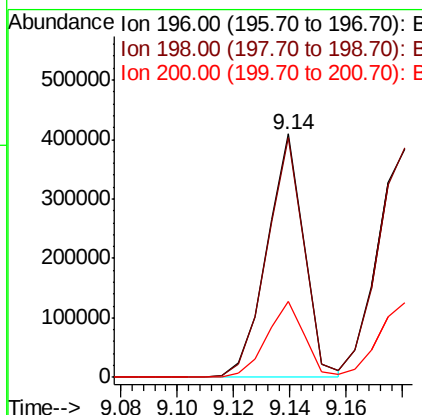
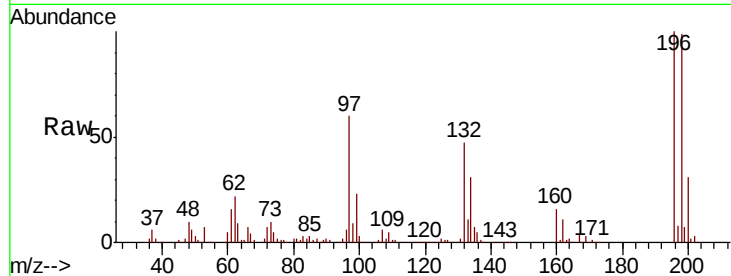
#43
 2,4,6-Trichlorophenol
 Concen: 79.997 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	372223		
198	98.6	76.8	115.2	
200	31.2	25.0	37.6	

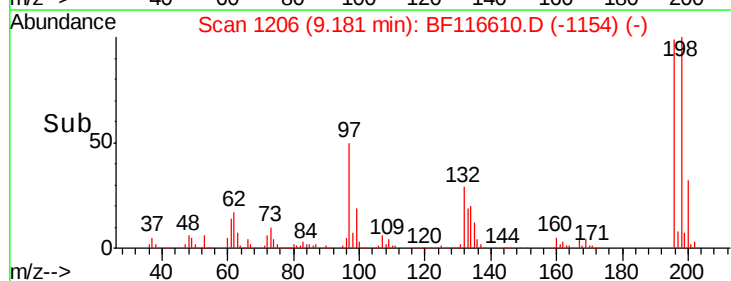
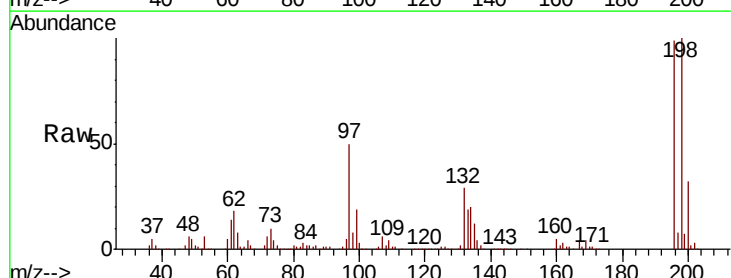
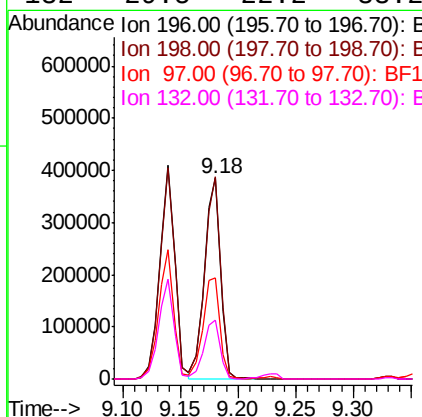
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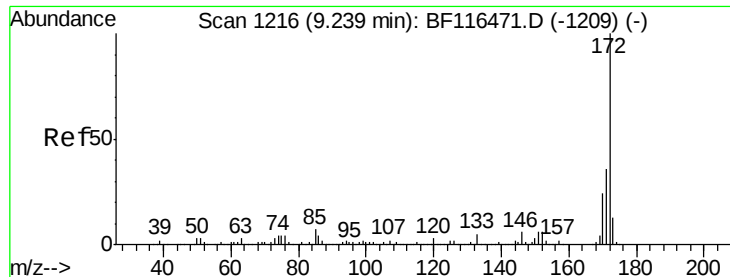
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#44
 2,4,5-Trichlorophenol
 Concen: 79.532 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	376535		
198	100.6	82.0	123.0	
97	50.6	37.0	55.6	
132	29.5	22.2	33.2	





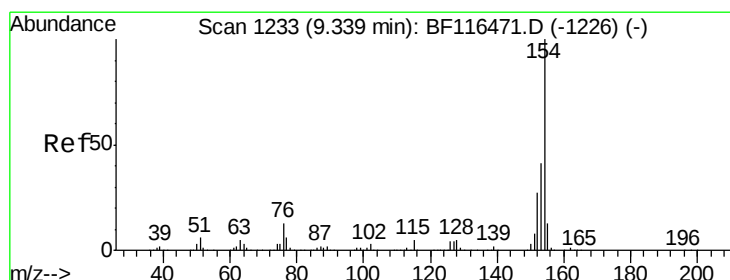
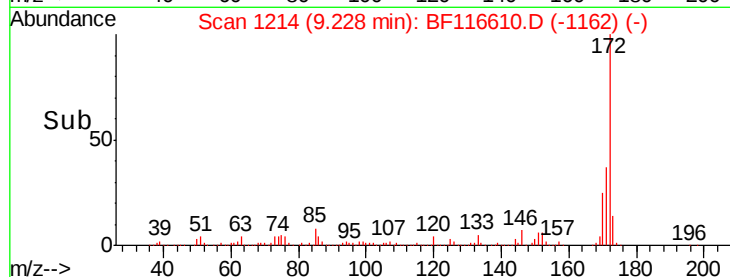
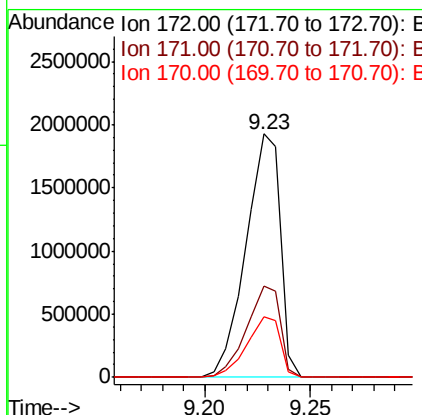
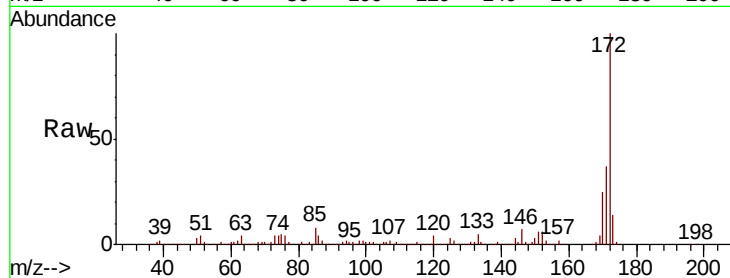
#45
2-Fluorobiphenyl
Concen: 142.242 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.6
170	25.0	19.3	28.9

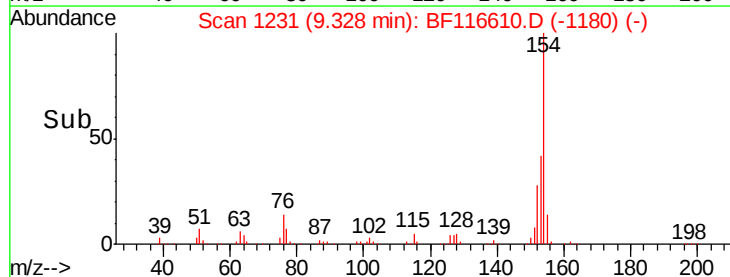
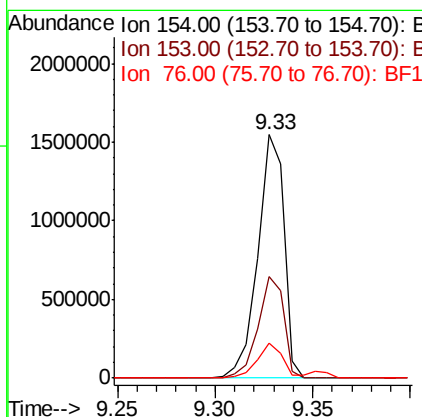
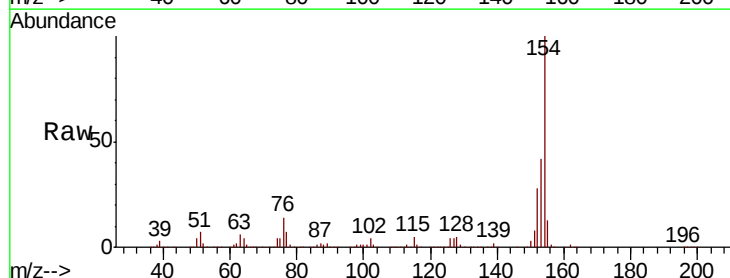
Manual Integrations
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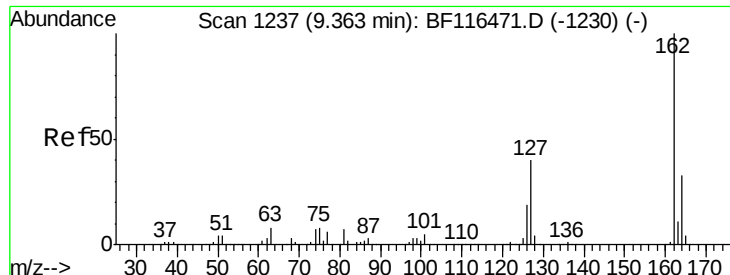
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#46
1,1'-Biphenyl
Concen: 72.807 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.4	61.4
76	14.5	0.0	31.8





#47

2-Chloronaphthalene

Concen: 74.263 ng

RT: 9.36 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 162 Resp: 1137430

Ion Ratio Lower Upper

162 100

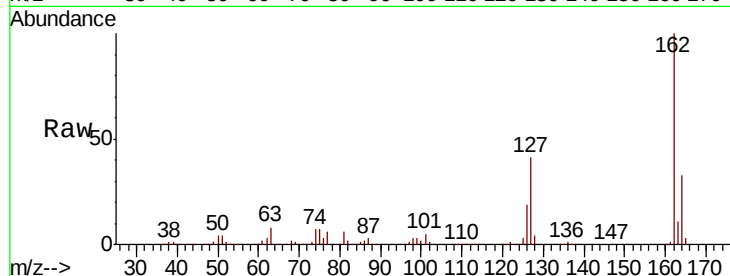
127 40.8 31.1 46.7

164 33.1 26.8 40.2

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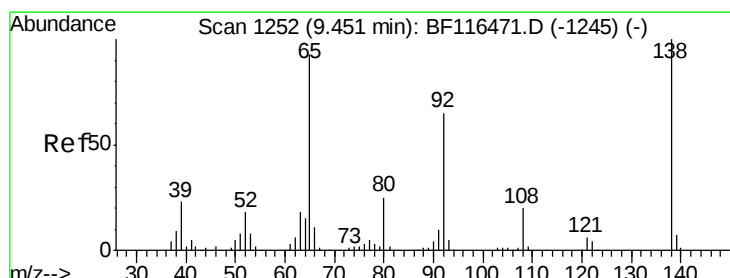
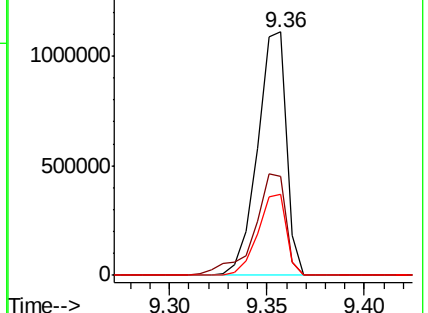
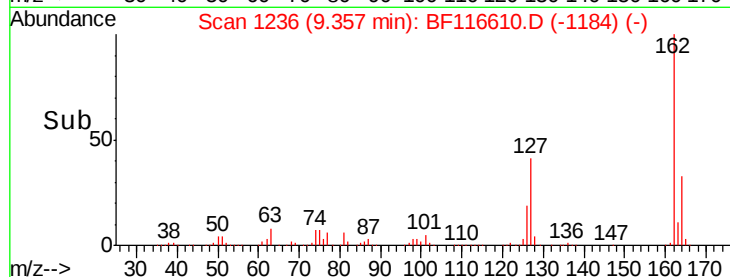
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 78.570 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

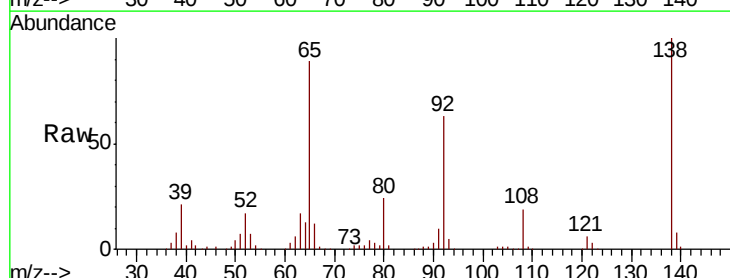
Tgt Ion: 65 Resp: 368465

Ion Ratio Lower Upper

65 100

92 71.1 58.2 87.2

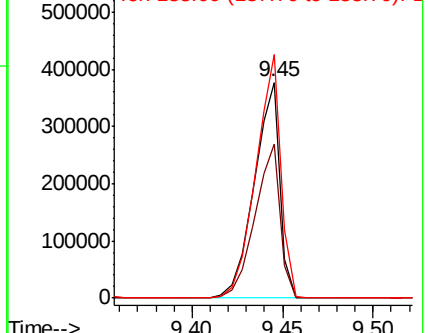
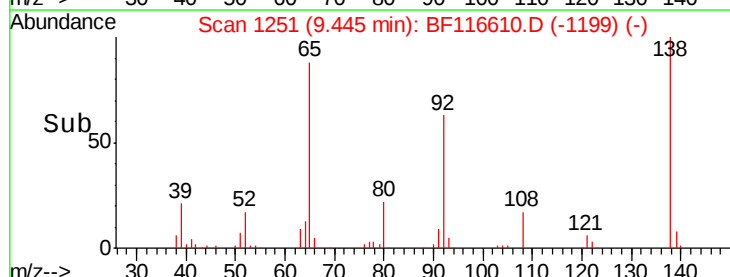
138 112.7 96.6 144.8

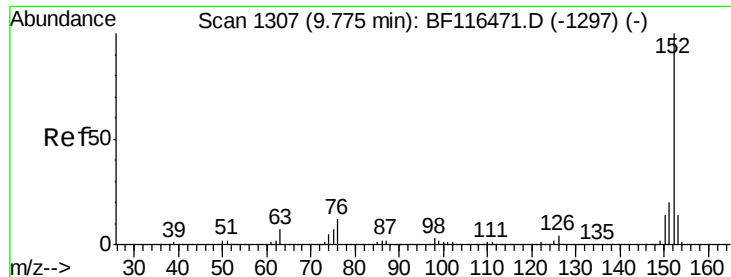


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 72.814 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 1631656

Ion Ratio Lower Upper

152 100

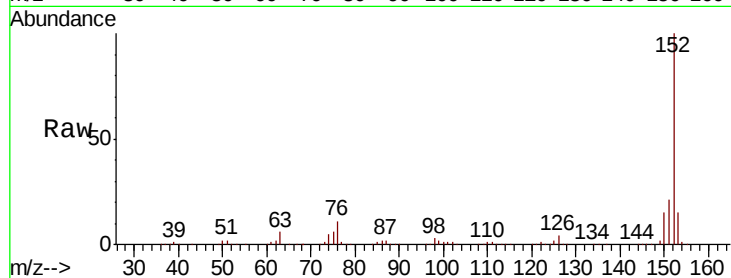
151 21.4 16.4 24.6

153 14.5 11.3 16.9

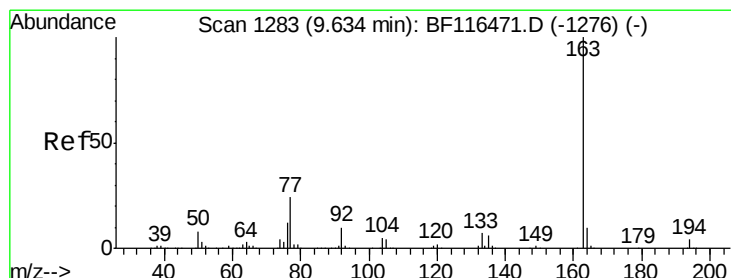
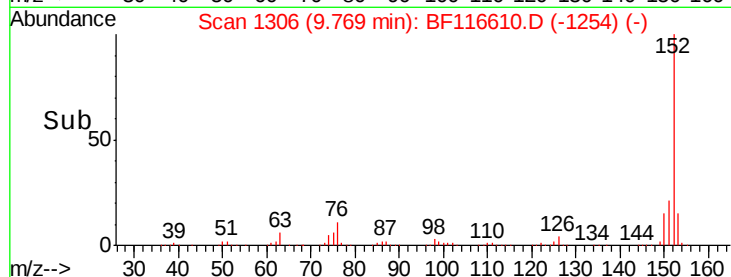
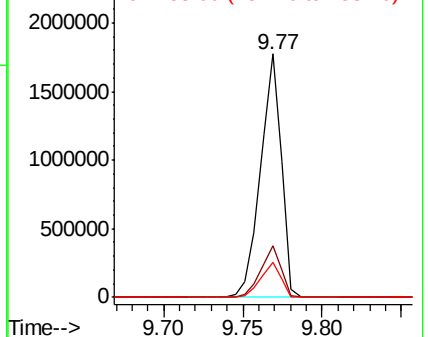
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 73.440 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

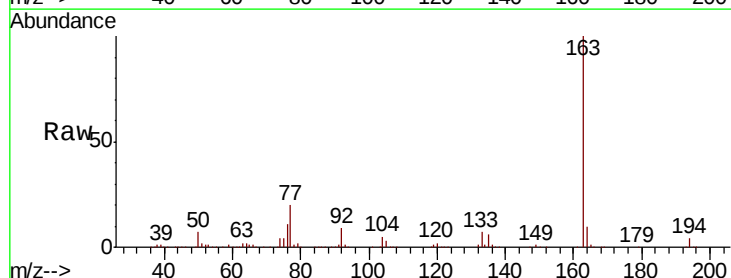
Tgt Ion:163 Resp: 1266162

Ion Ratio Lower Upper

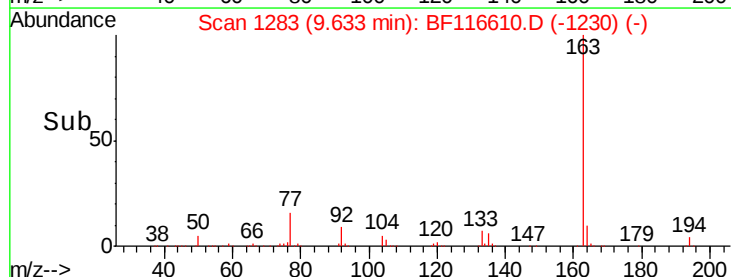
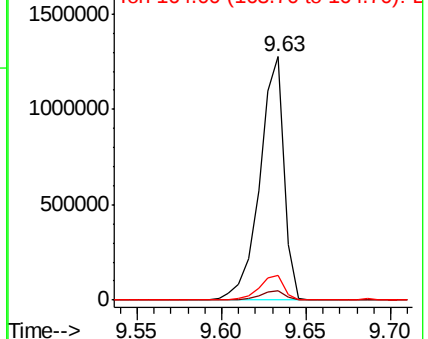
163 100

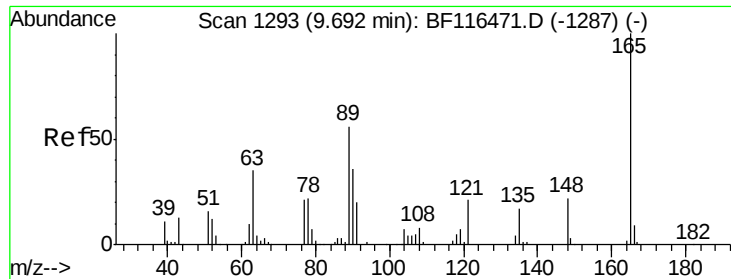
194 4.0 3.0 4.6

164 10.2 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 80.601 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

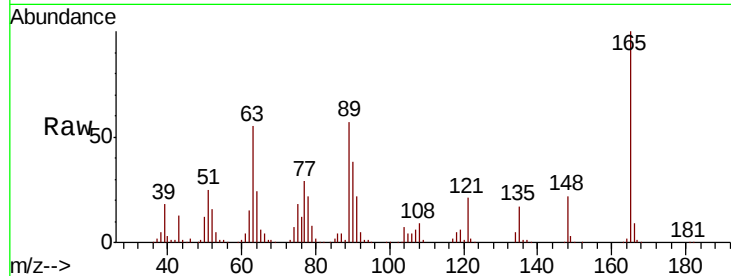
ClientSampled :

SSTDICC080

Tot Ion:	165	Resp:	284432
Ion Ratio	Lower	Upper	
165	100		
63	54.9	37.2	55.8
89	57.0	40.8	61.2

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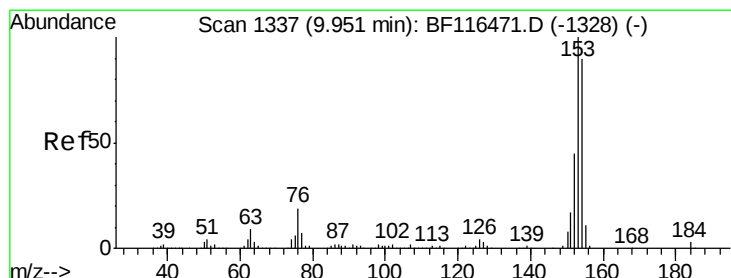
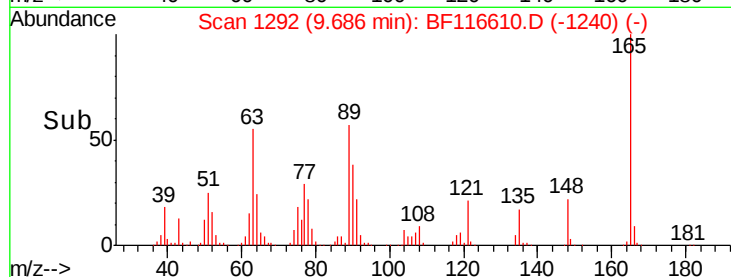
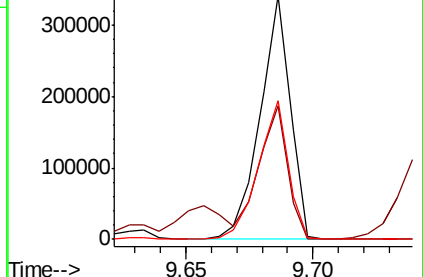
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 75.584 ng

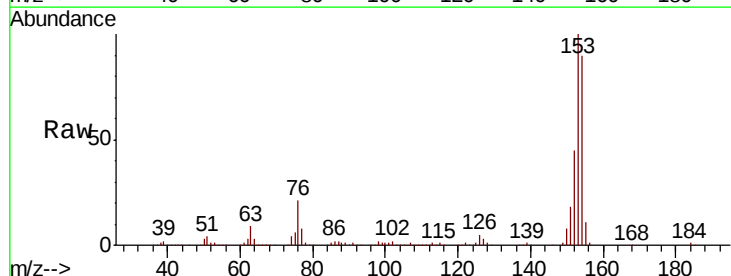
RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

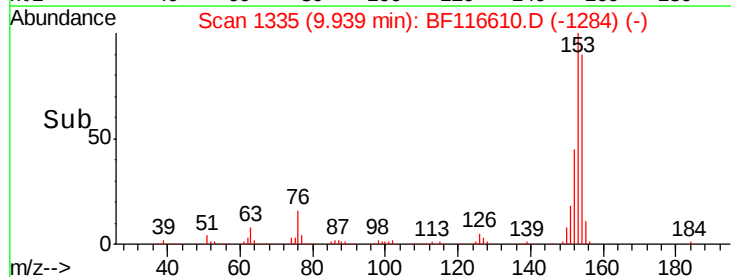
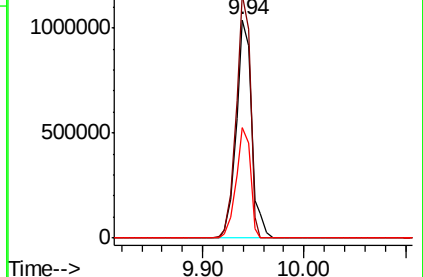
Tgt Ion:	154	Resp:	1086819
Ion Ratio	Lower	Upper	
154	100		
153	111.4	86.6	129.8
152	50.6	39.4	59.0

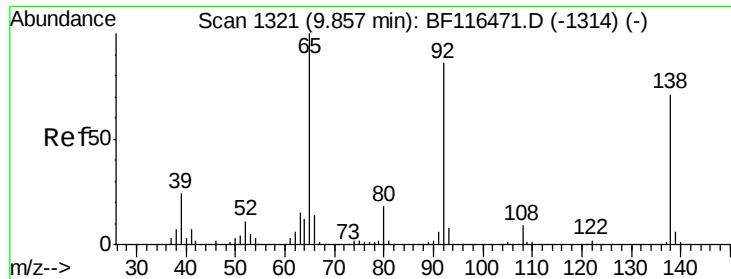


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 79.737 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

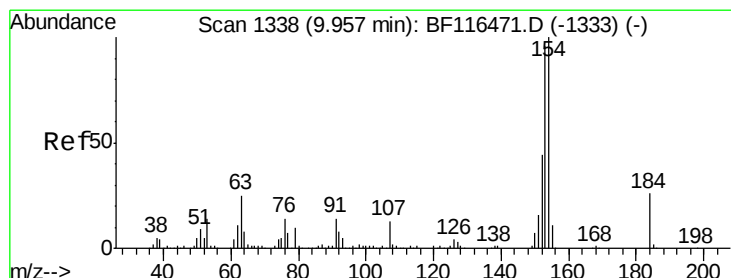
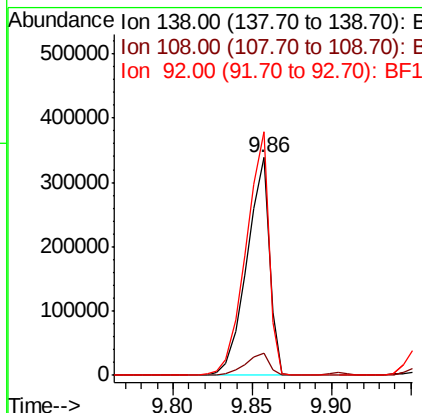
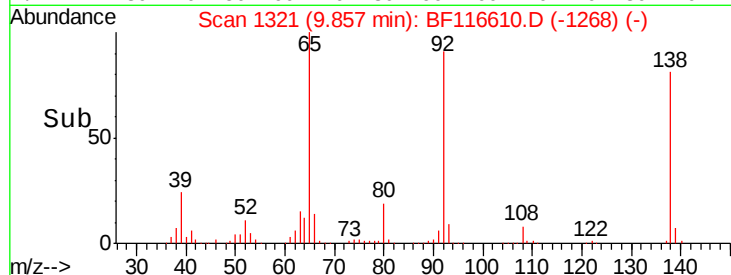
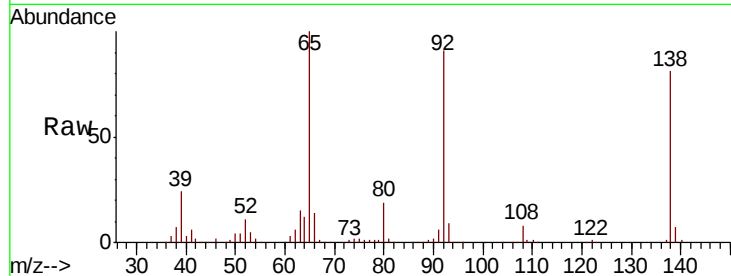
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	111.8	91.6	137.4

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#54

2,4-Dinitrophenol

Concen: 139.631 ng

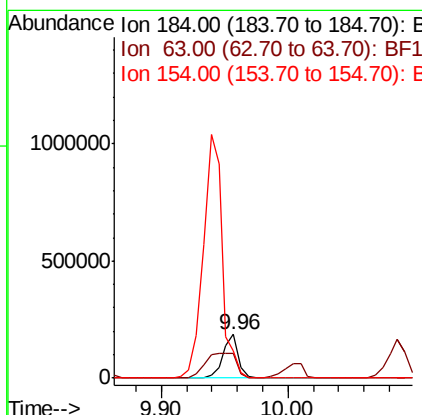
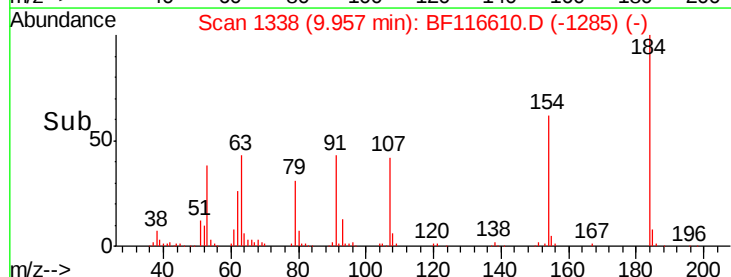
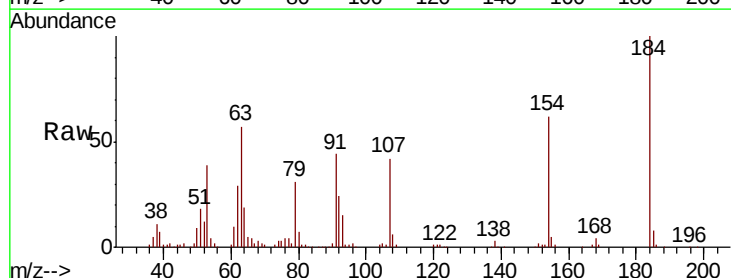
RT: 9.96 min Scan# 1338

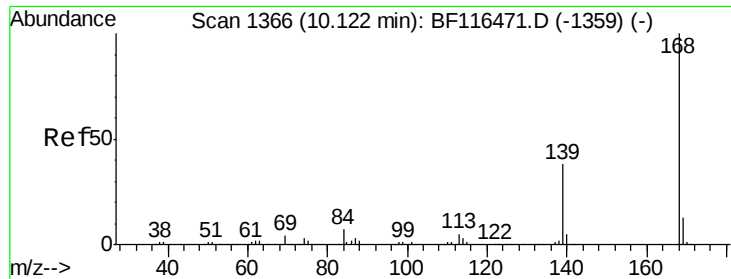
Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	62.7	94.1#
154	61.8	150.0	225.0#





#55
Dibenzenofuran
Concen: 72.641 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

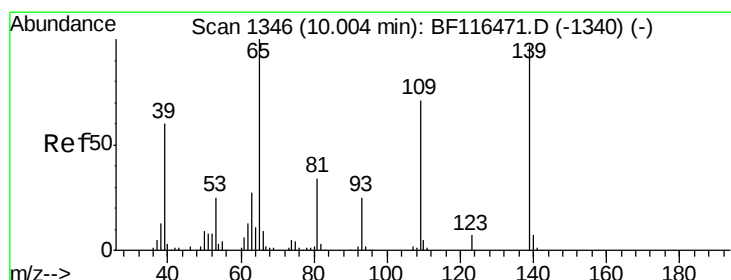
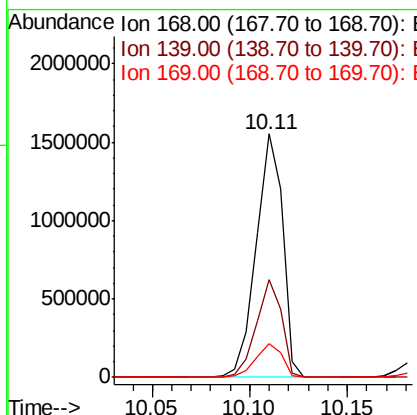
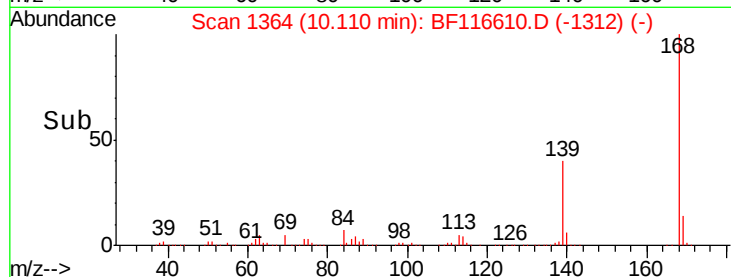
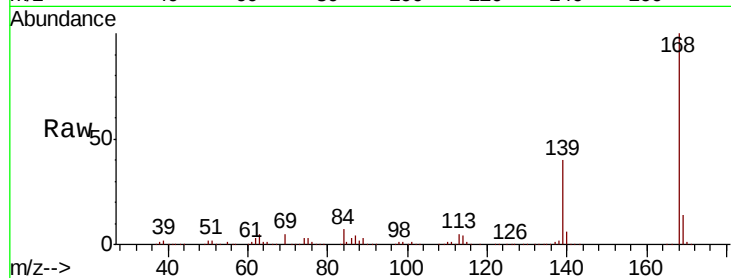
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:168 Resp: 1456005

Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.3	46.9
169	13.8	11.3	16.9

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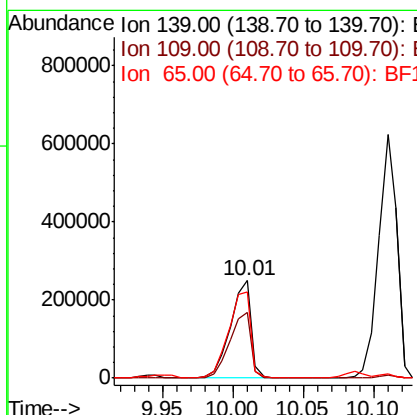
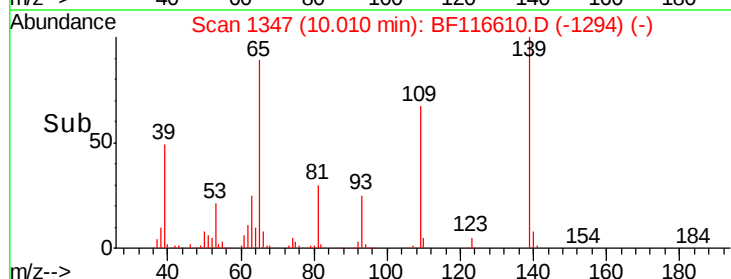
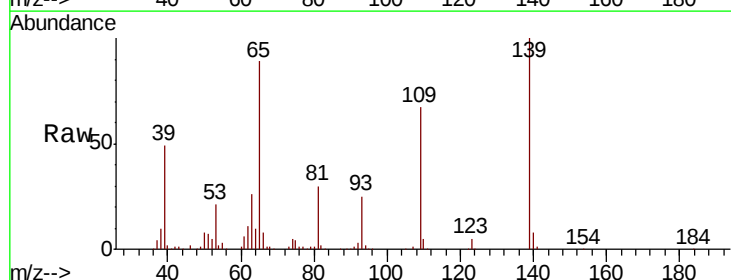
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#56
4-Nitrophenol
Concen: 78.115 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion:139 Resp: 255397

Ion	Ratio	Lower	Upper
139	100		
109	67.0	45.5	85.5
65	89.3	66.8	106.8





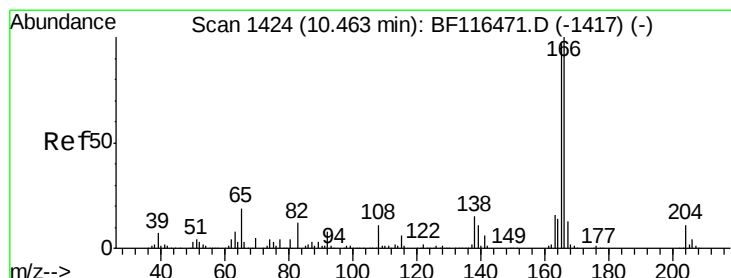
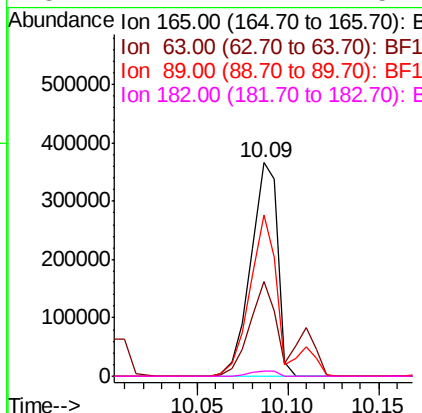
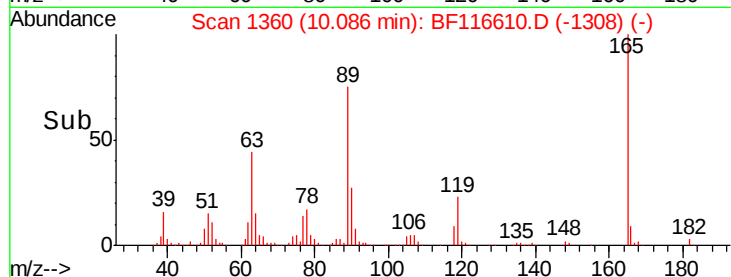
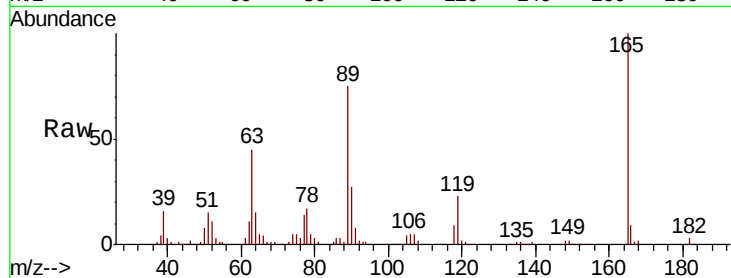
#57
2,4-Dinitrotoluene
Concen: 83.999 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.5	30.9	46.3
89	75.3	55.0	82.6
182	2.7	2.2	3.2

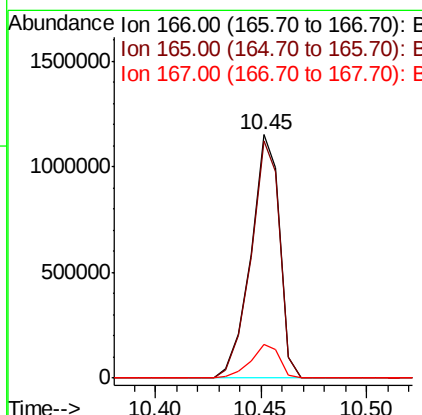
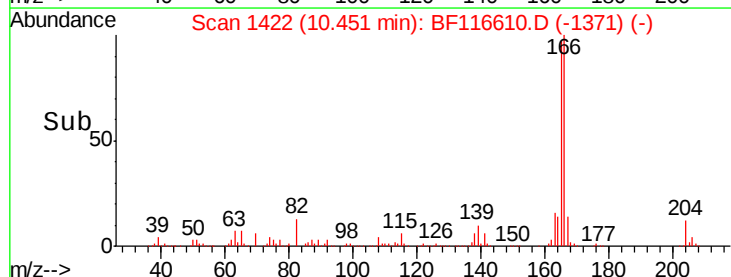
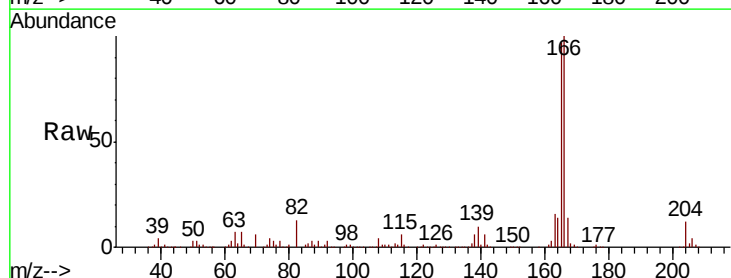
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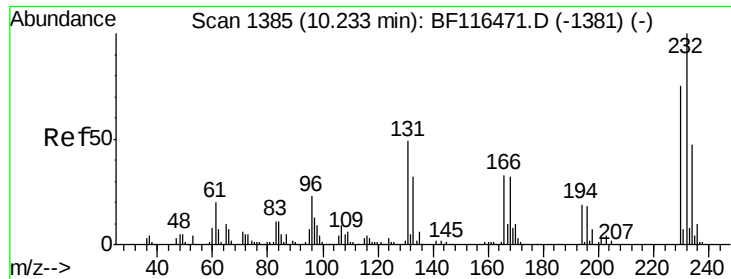
Jagrut
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#58
Fluorene
Concen: 70.093 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.6
167	13.7	10.6	16.0





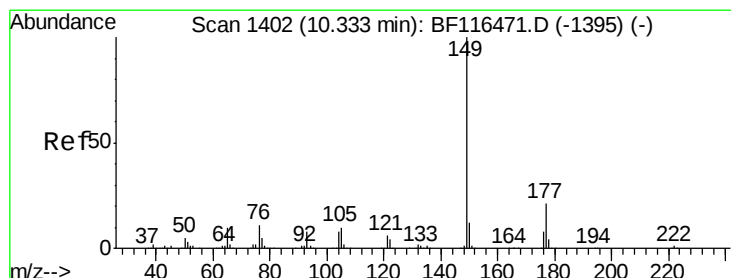
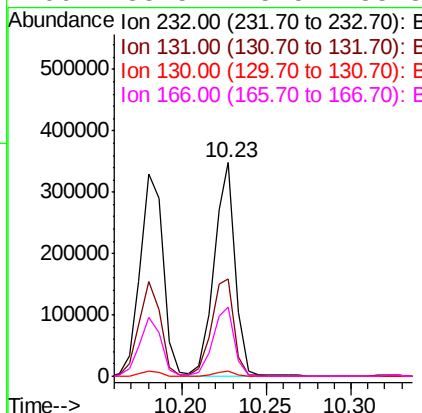
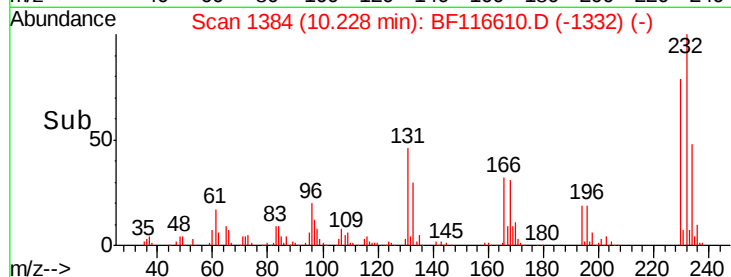
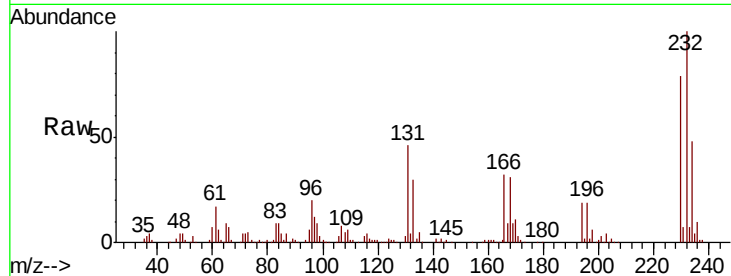
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 77.838 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		302587		
131	49.3	37.7	56.5		
130	2.5	1.8	2.6		
166	33.5	25.5	38.3		

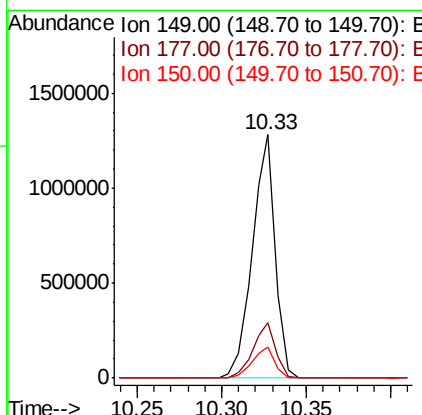
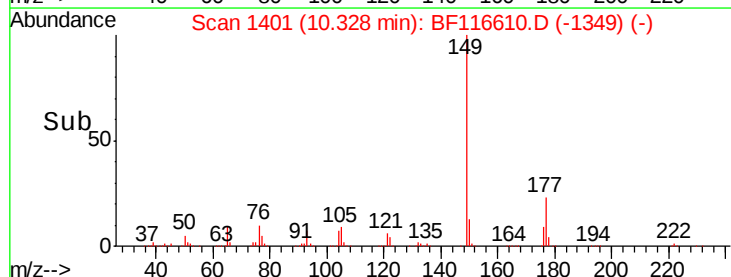
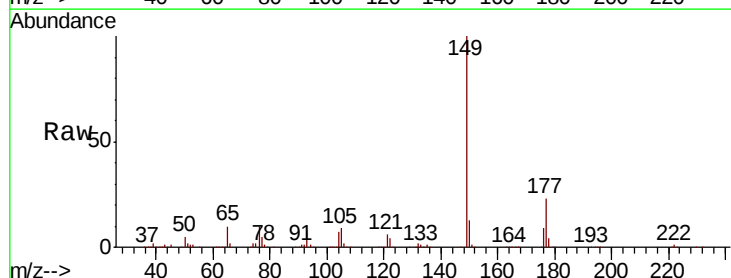
Manual Integrations
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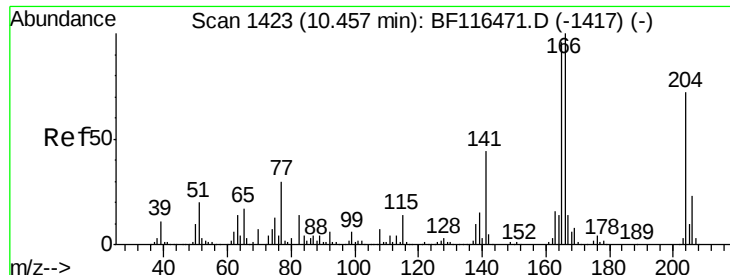
Jagrut
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#60
 Diethylphthalate
 Concen: 71.164 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1205892		
177	22.9	18.2	27.4		
150	12.7	10.1	15.1		





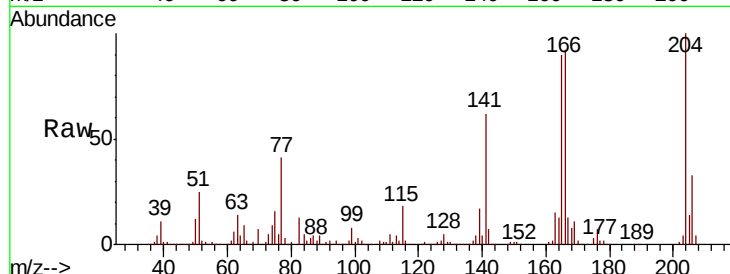
#61
 4-Chlorophenyl-phenylether
 Concen: 71.240 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

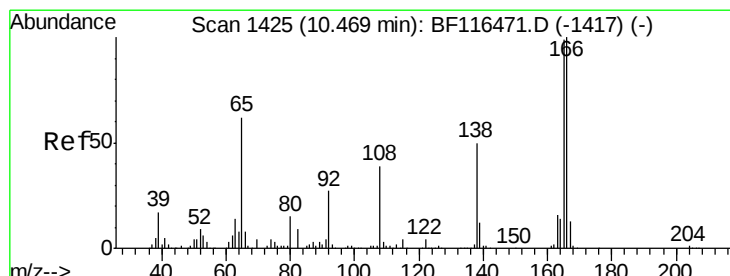
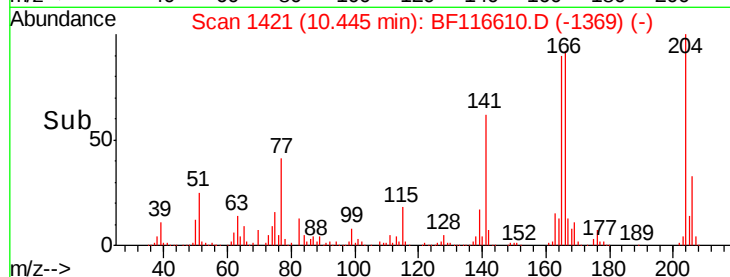
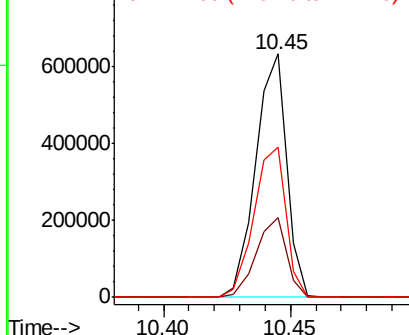
Tot Ion	Ratio	Resp	Lower	Upper
204	100	541222		
206	33.0	26.0	39.0	
141	61.7	47.9	71.9	

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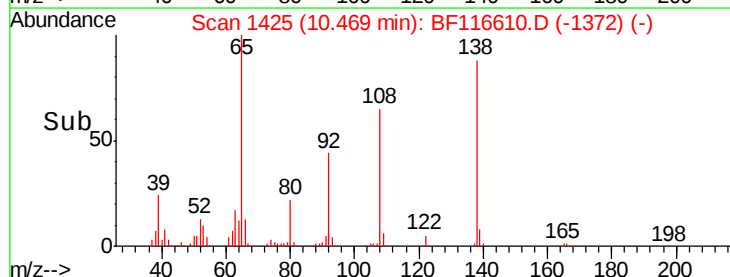
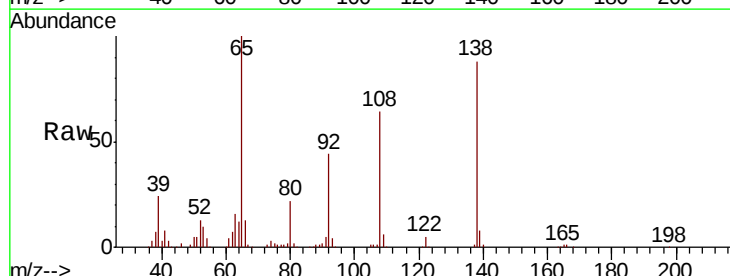
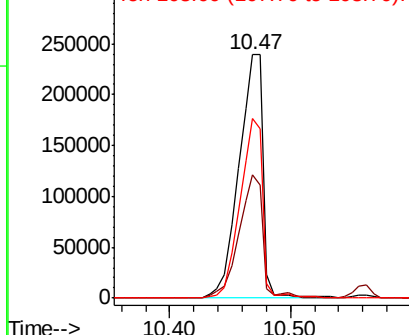
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

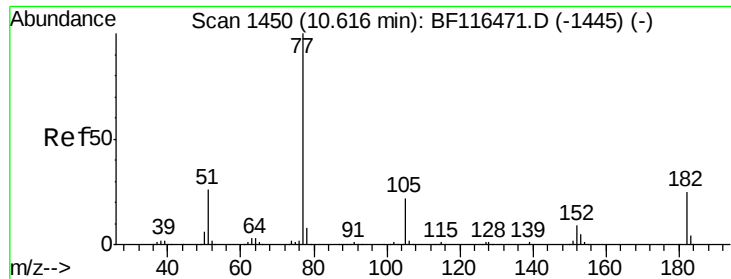


#62
 4-Nitroaniline
 Concen: 80.876 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	332726		
92	50.8	28.9	68.9	
108	73.6	49.3	89.3	

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





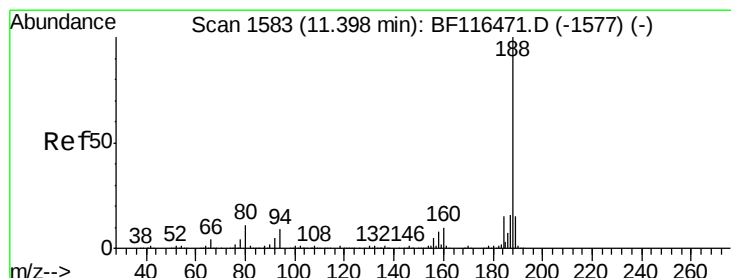
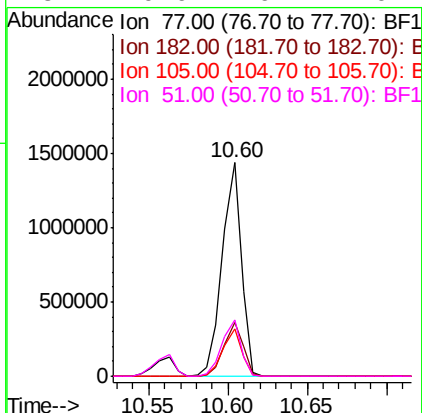
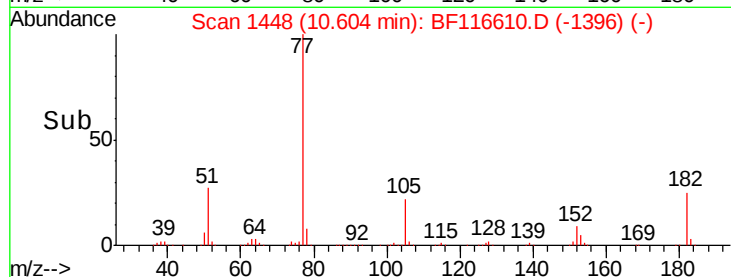
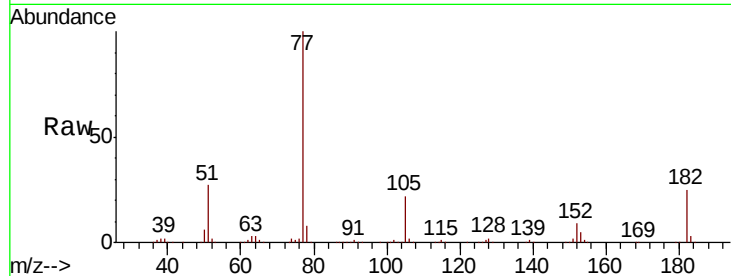
#63
Azobenzene
Concen: 69.677 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.9	3.8	43.8	
105	22.2	1.6	41.6	
51	26.6	6.1	46.1	

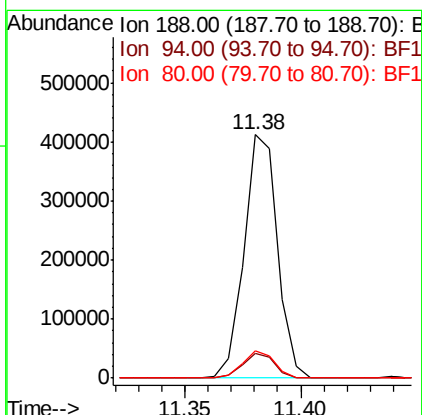
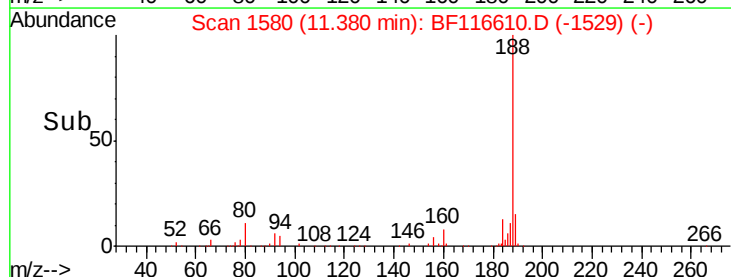
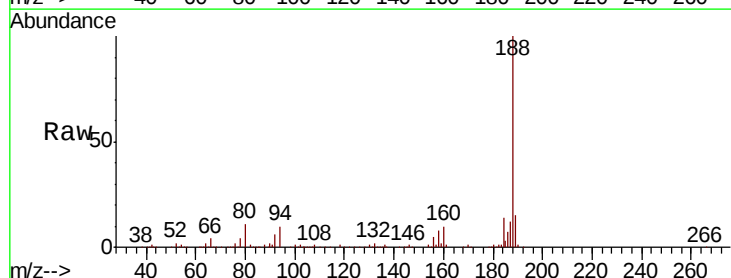
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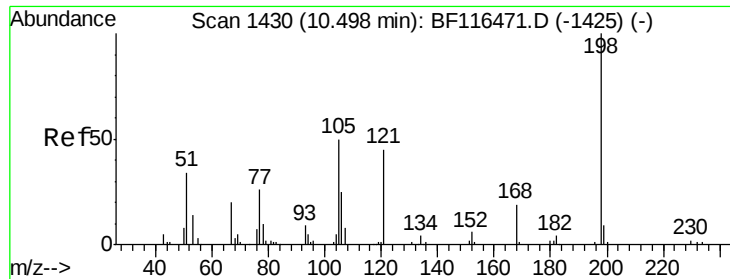
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.2	12.4	
80	11.3	8.9	13.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 123.721 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 188198

Ion Ratio Lower Upper

198 100

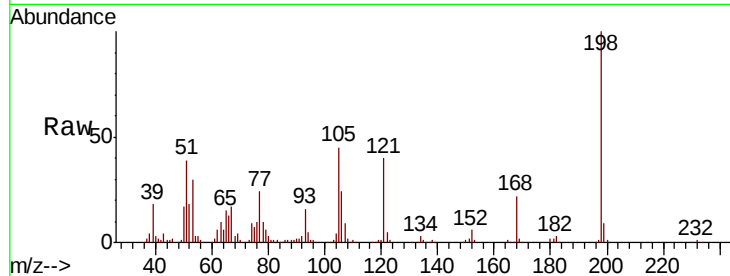
51 39.4 21.9 61.9

105 45.0 25.2 65.2

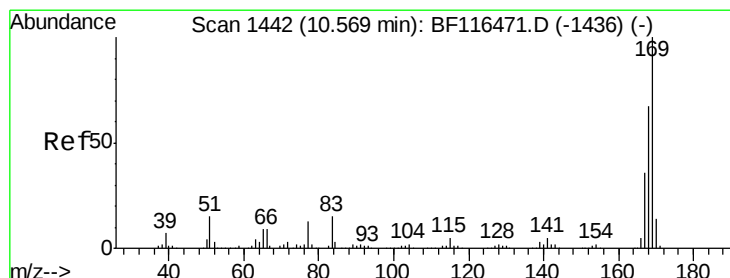
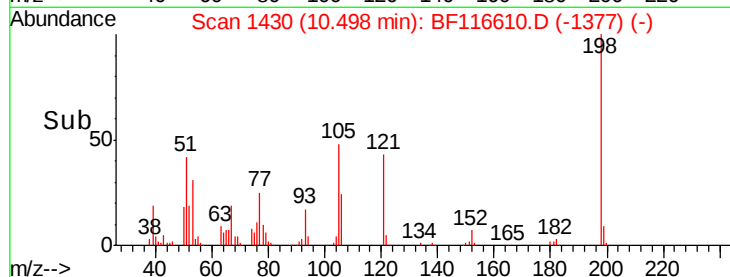
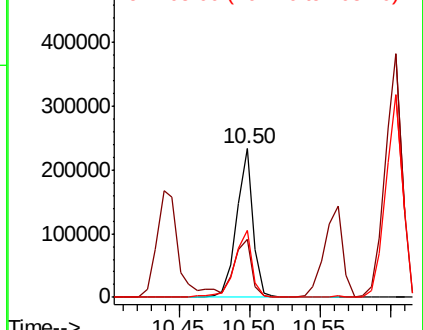
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 73.660 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

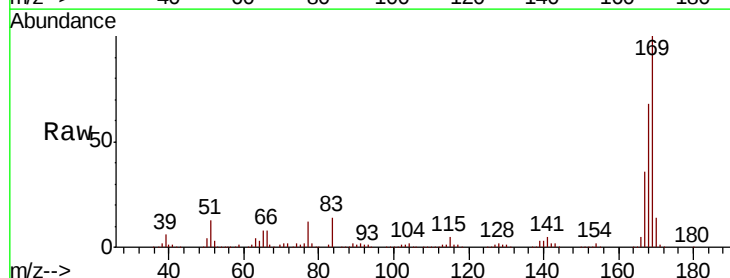
Tgt Ion:169 Resp: 993083

Ion Ratio Lower Upper

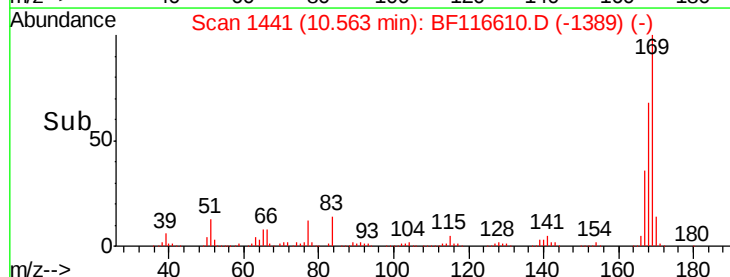
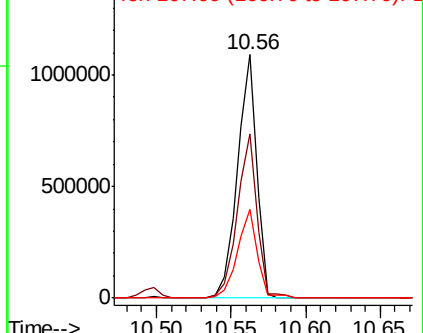
169 100

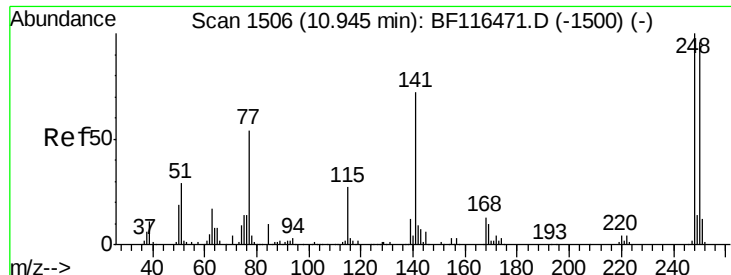
168 67.6 53.8 80.8

167 36.3 29.3 43.9



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





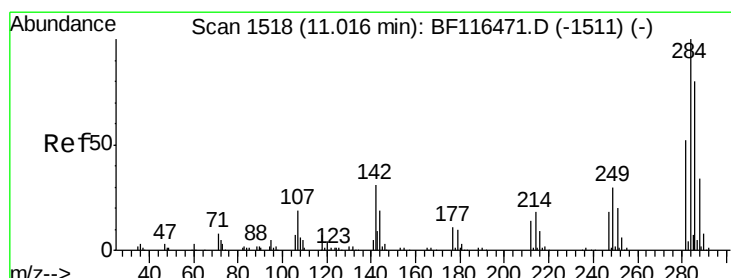
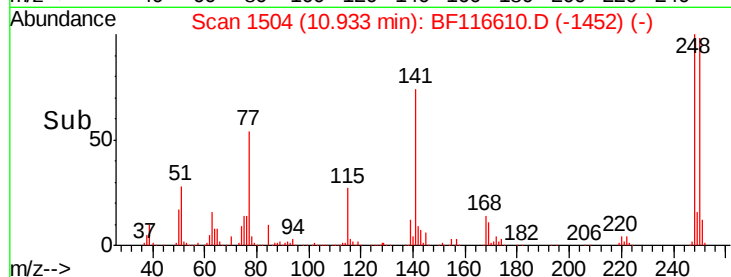
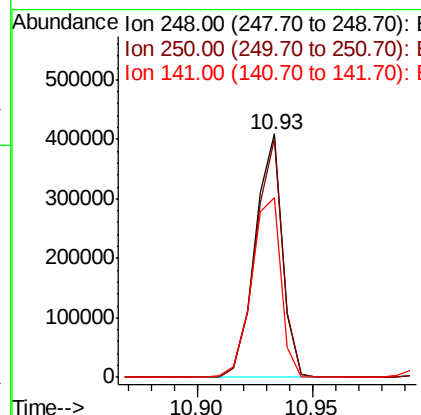
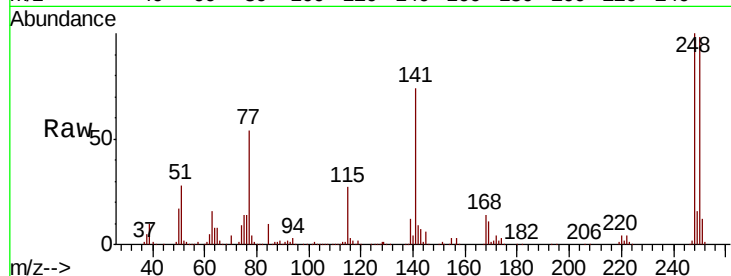
#67
 4-Bromophenyl-phenylether
 Concen: 77.612 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.6	115.0
141	73.7	60.8	91.2

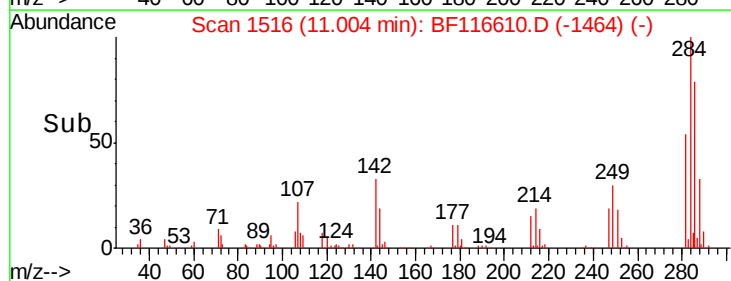
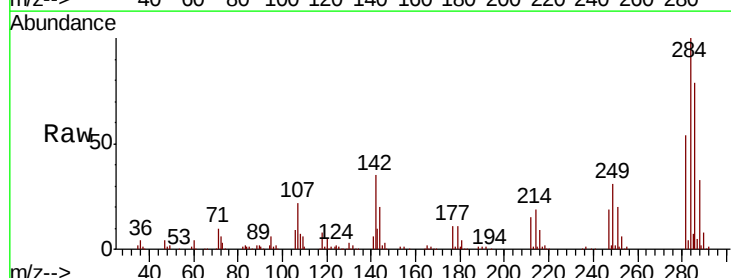
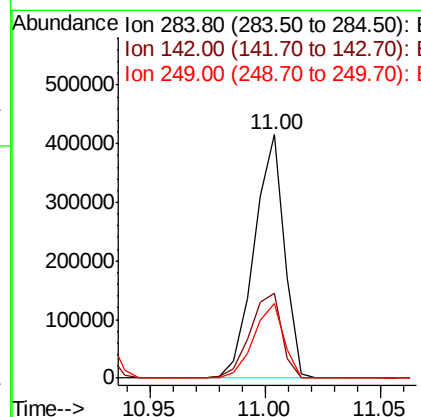
Manual Integrations
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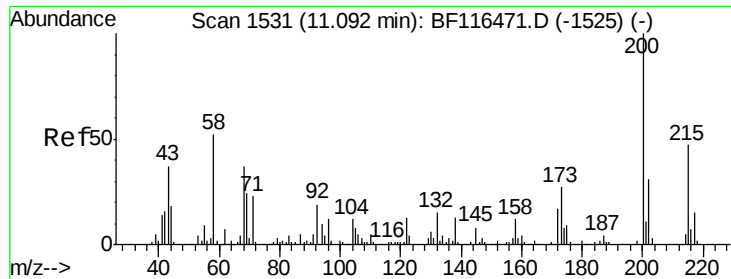
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#68
 Hexachlorobenzene
 Concen: 78.438 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.8	41.8
249	30.9	24.2	36.4





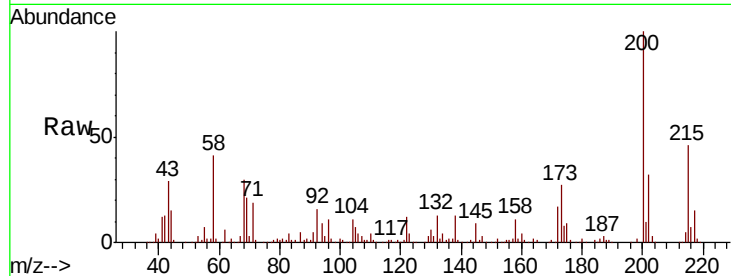
#69
Atrazine
Concen: 71.457 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.1	6.8	46.8
215	45.5	28.5	68.5

Manual Integrations
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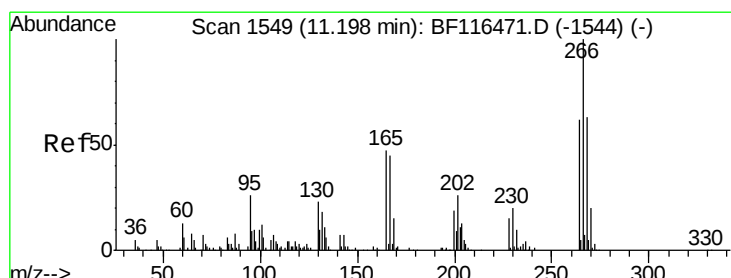
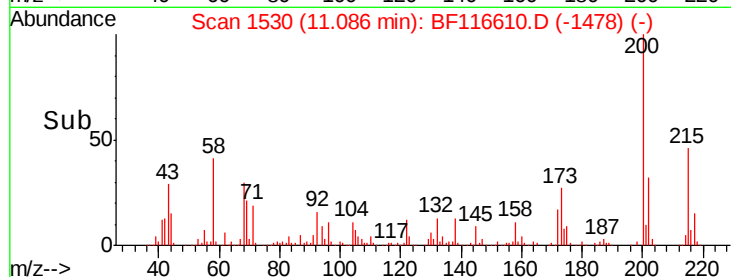
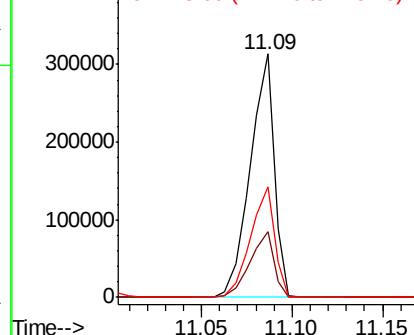


Abundance

Ion 200.00 (199.70 to 200.70): E

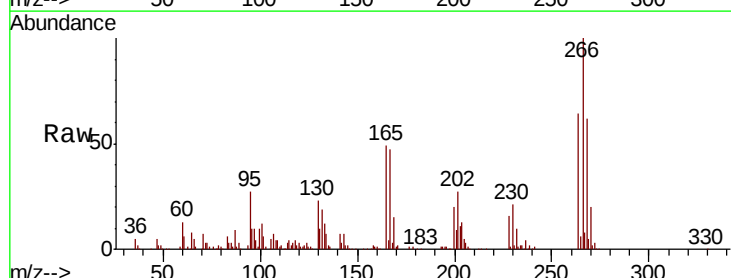
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.113 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.2	49.8	74.8
264	64.1	49.9	74.9

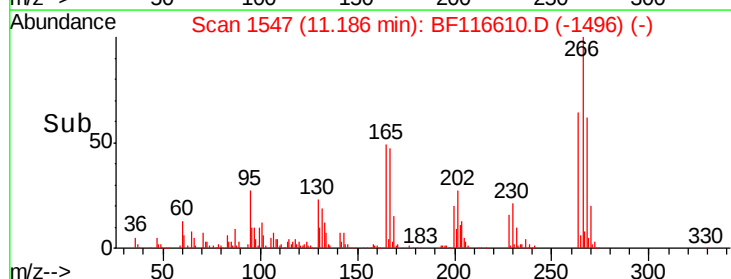
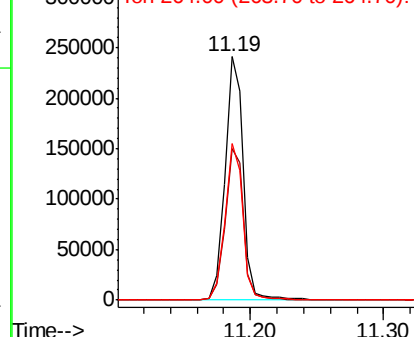


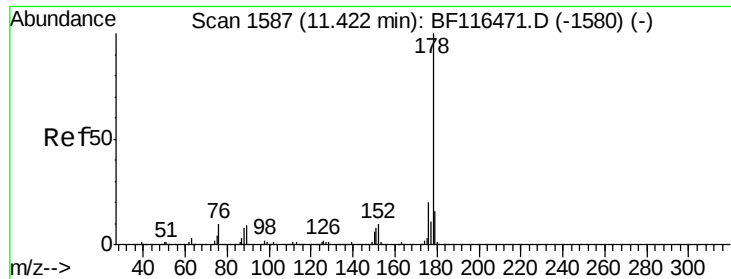
Abundance

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





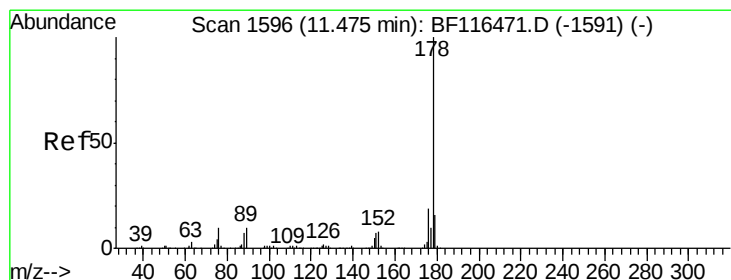
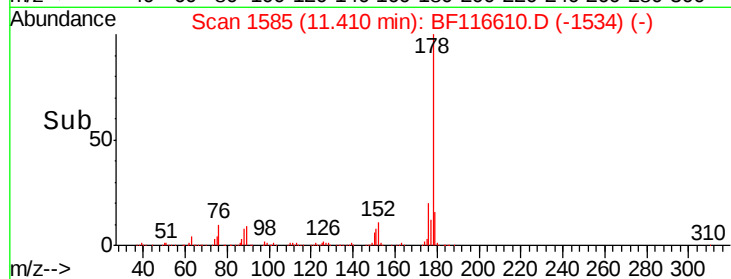
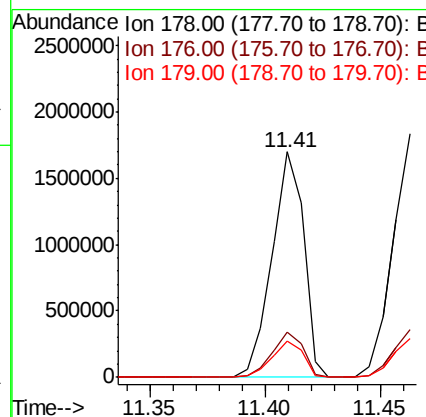
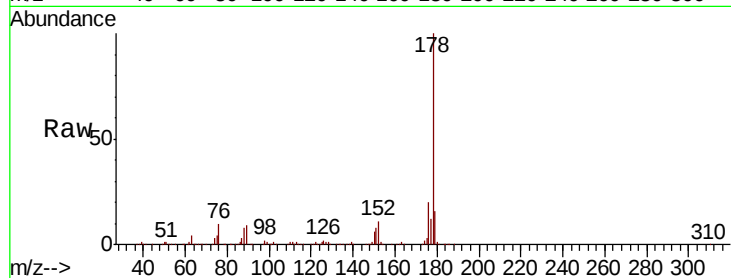
#71
Phenanthrene
Concen: 71.629 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.5	23.3
179	16.2	12.4	18.6

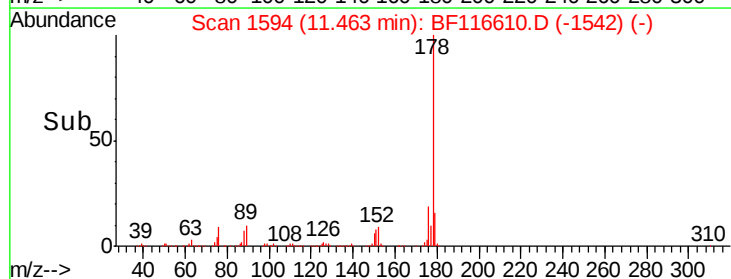
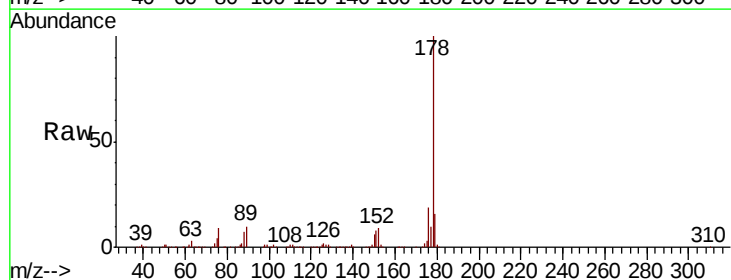
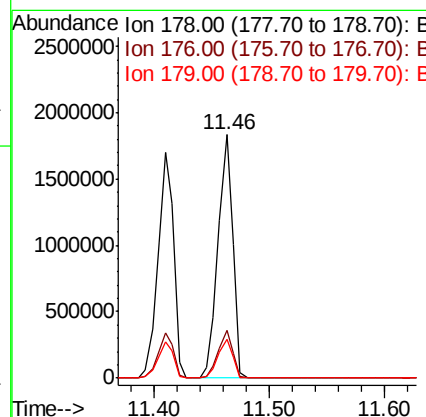
Manual Integrations
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#72
Anthracene
Concen: 71.757 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.7	12.7	19.1





#73

Carbazole

Concen: 69.340 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:167 Resp: 1418614

Ion Ratio Lower Upper

167 100

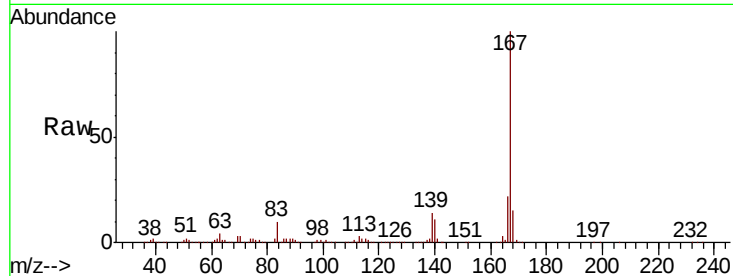
166 22.4 17.9 26.9

139 14.1 10.3 15.5

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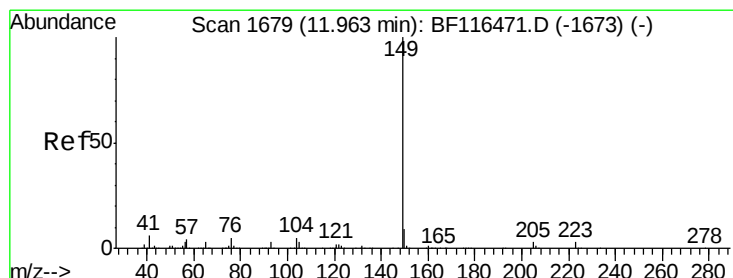
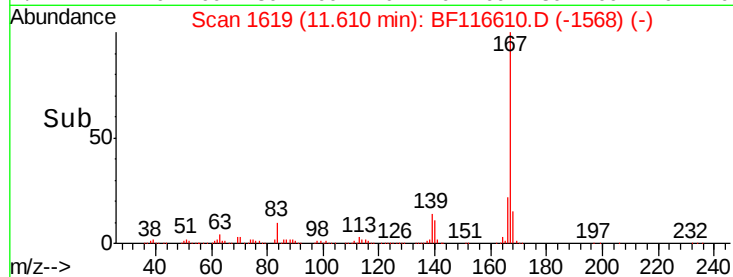
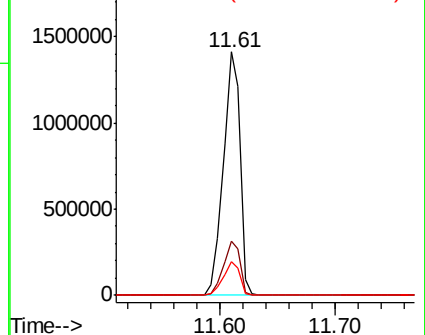
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 67.194 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

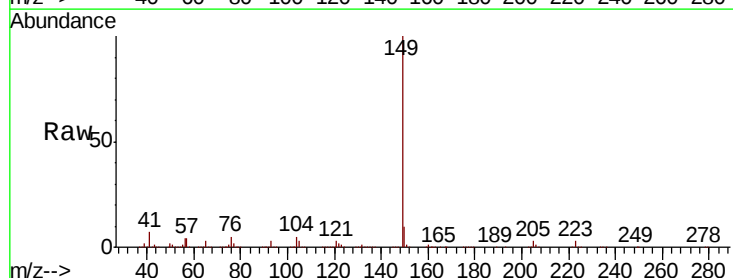
Tgt Ion:149 Resp: 1703486

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

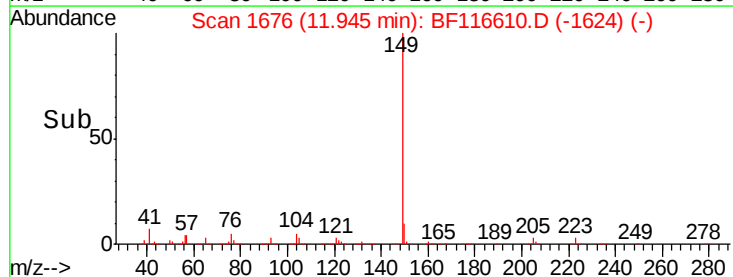
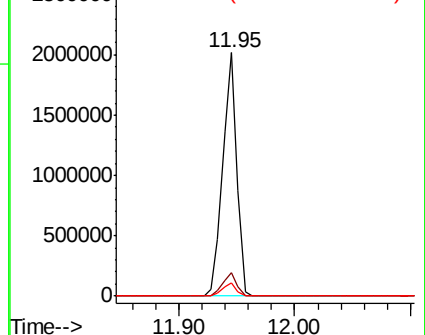
104 5.5 4.2 6.4

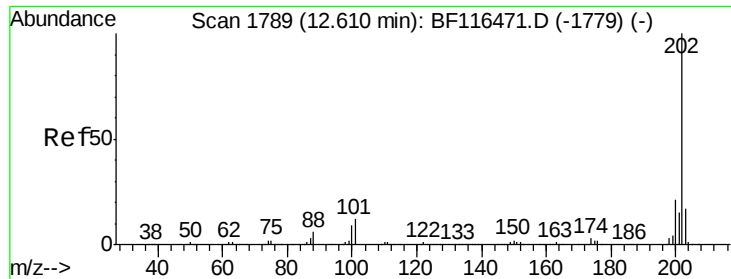


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





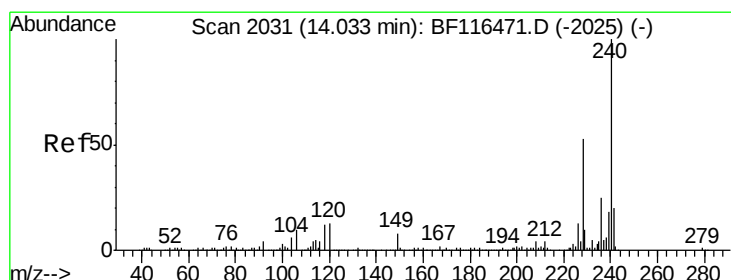
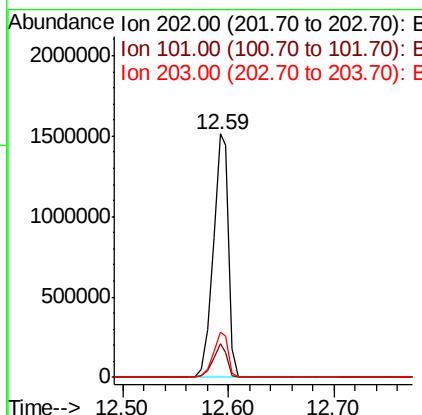
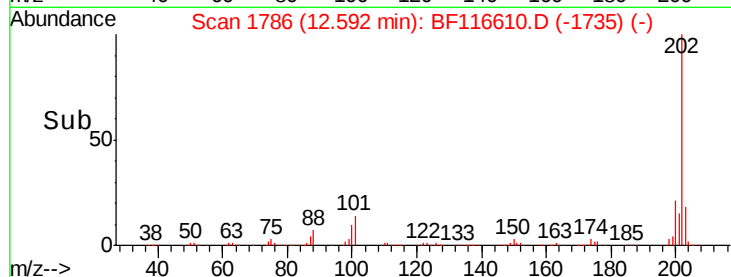
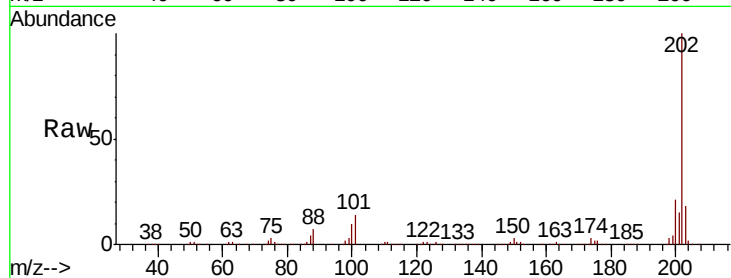
#75
Fluoranthene
Concen: 65.953 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.8
203	18.3	0.0	37.1

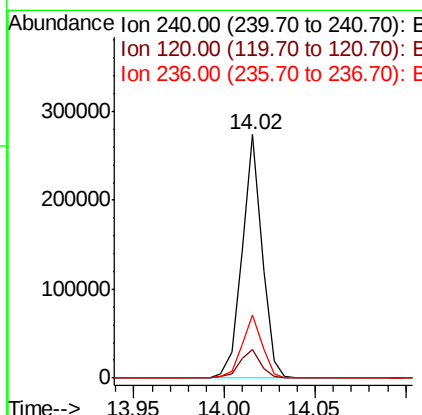
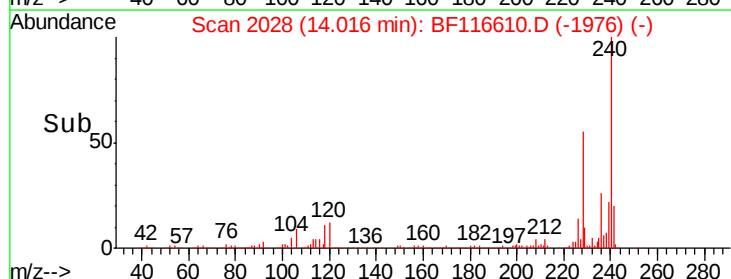
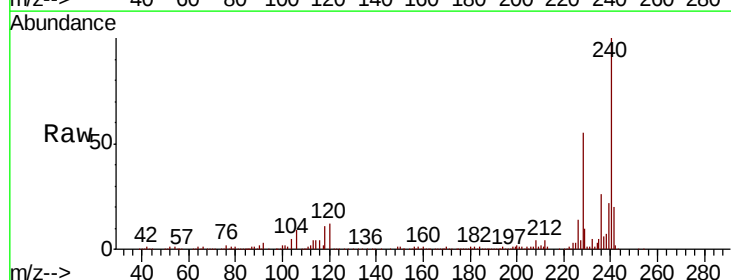
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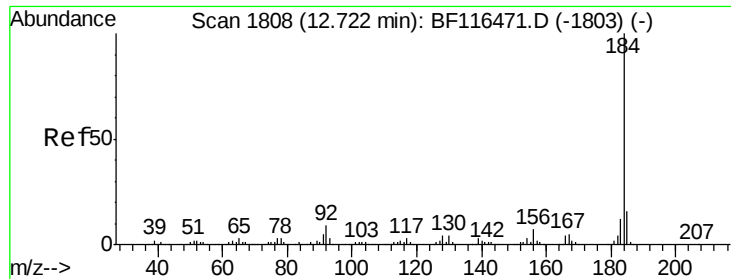
Jagrut
8/29/2019 7:46:46 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.3	16.9
236	26.1	21.4	32.2





#77

Benzidine

Concen: 59.835 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

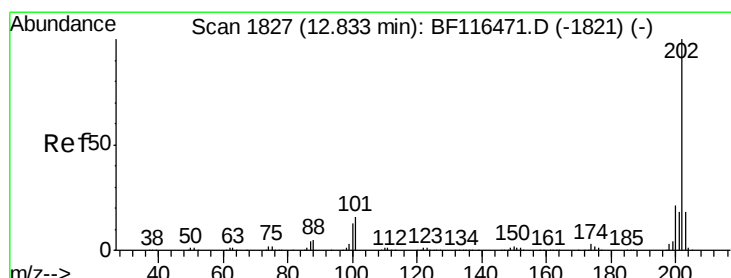
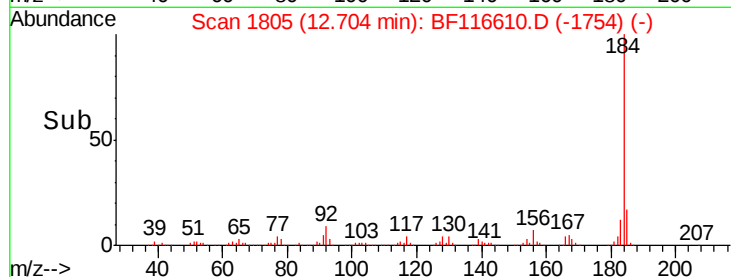
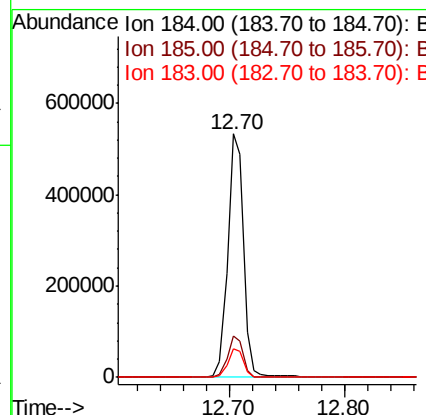
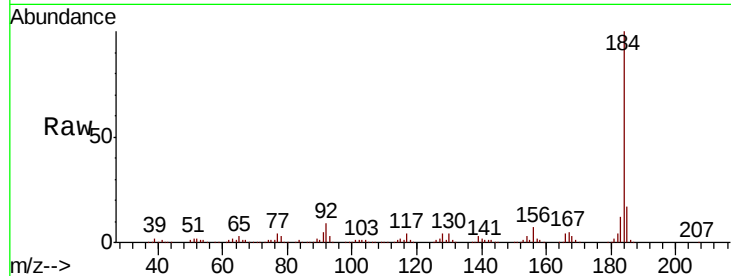
ClientSampleId :

SSTDIC080

Tot Ion:	184	Resp:	506763
Ion Ratio	Lower	Upper	
184	100		
185	16.7	11.5	17.3
183	11.8	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 91.459 ng

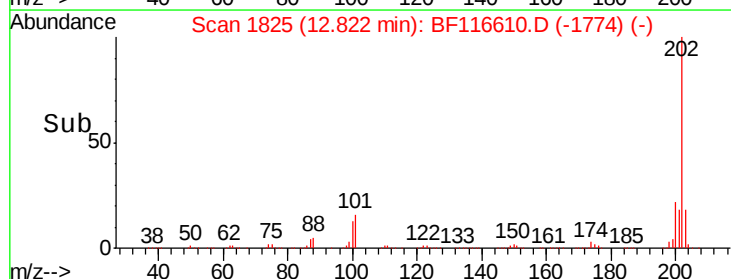
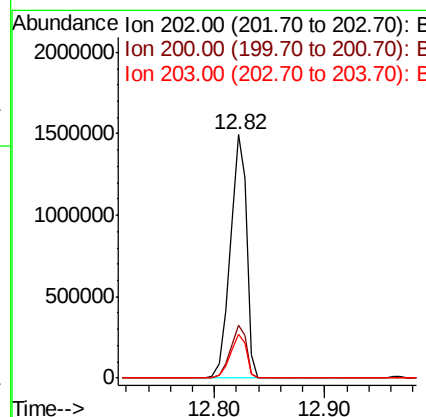
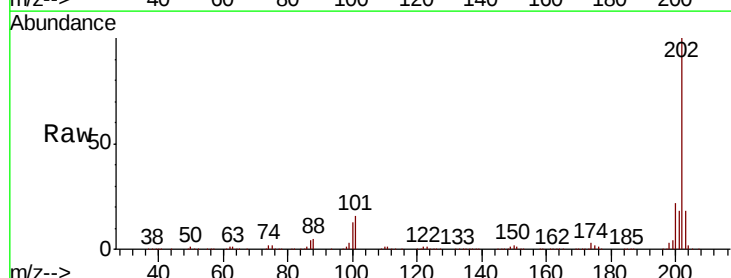
RT: 12.82 min Scan# 1825

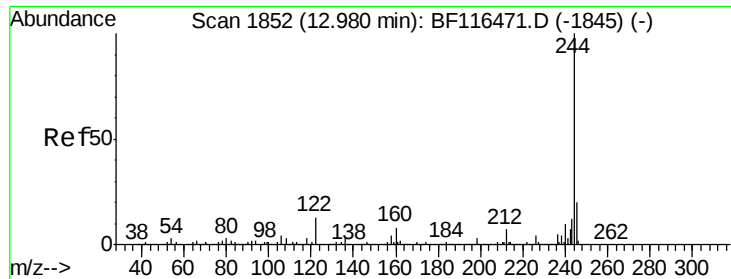
Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion:	202	Resp:	1539657
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.0
203	17.8	14.2	21.4





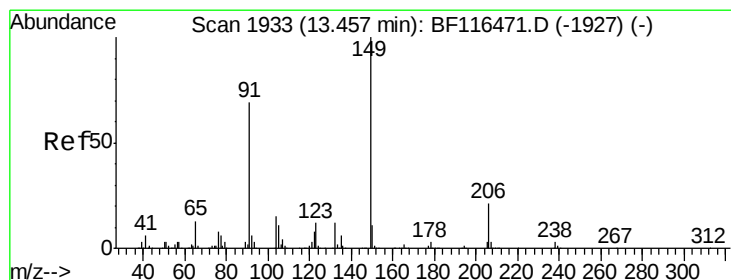
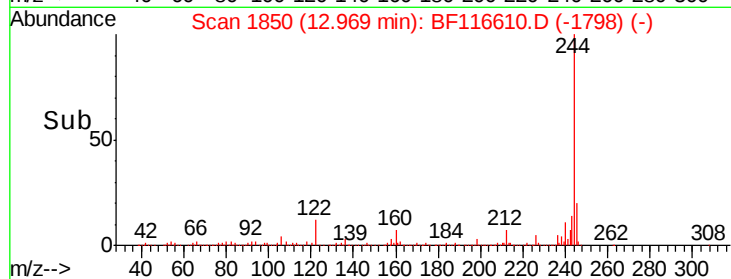
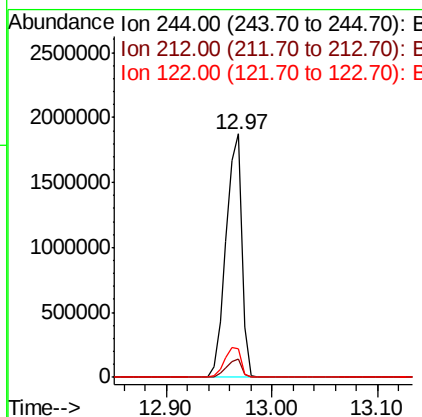
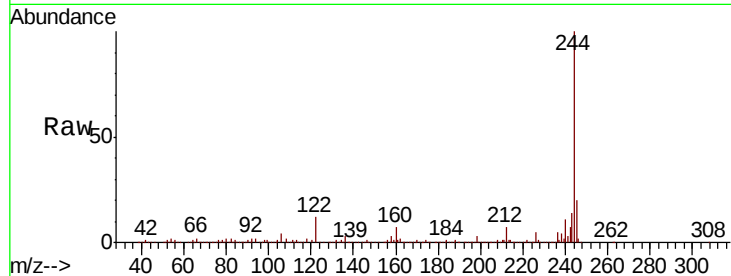
#79
 Terphenyl-d14
 Concen: 172.899 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.6	10.0	15.0

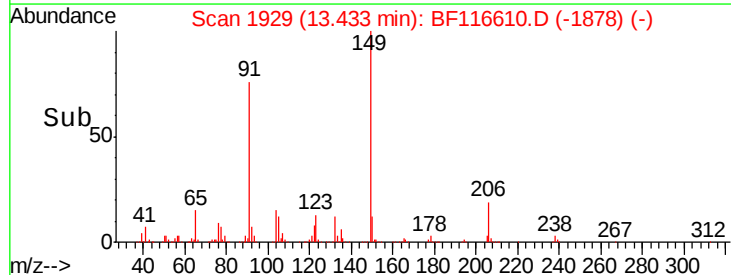
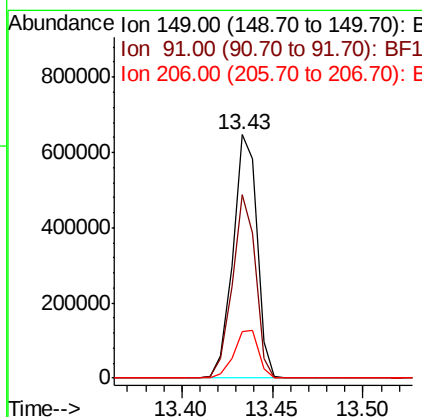
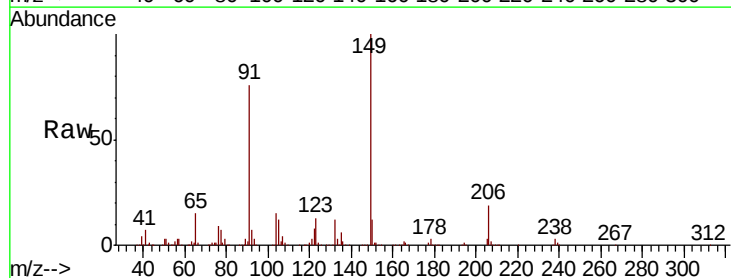
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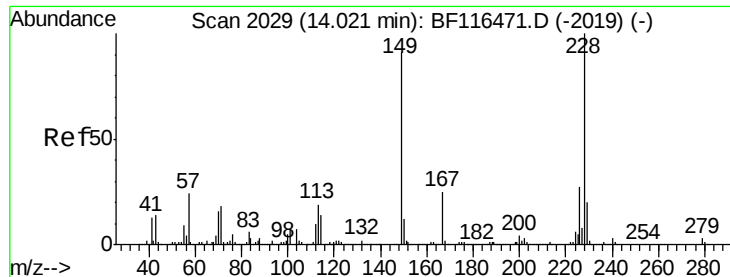
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#80
 Butylbenzylphthalate
 Concen: 82.042 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	57.9	86.9
206	18.9	16.2	24.4





#81

Benzo(a)anthracene

Concen: 77.502 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 1056637

Ion Ratio Lower Upper

228 100

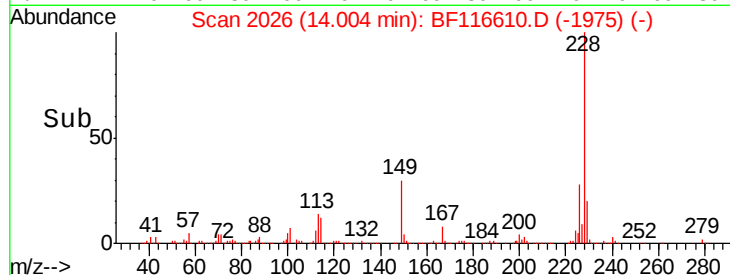
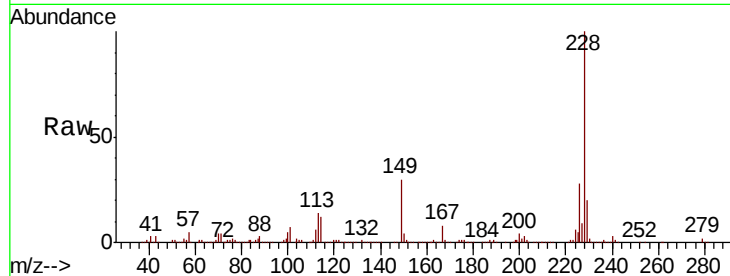
226 27.8 21.5 32.3

229 20.3 15.4 23.0

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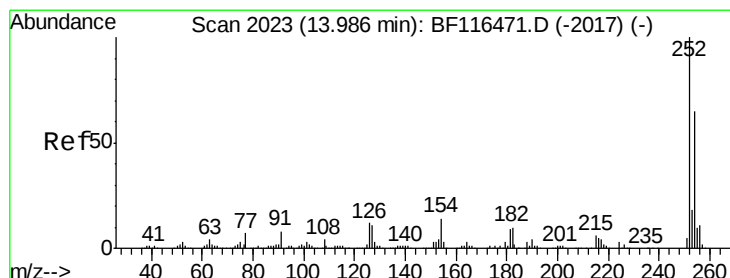
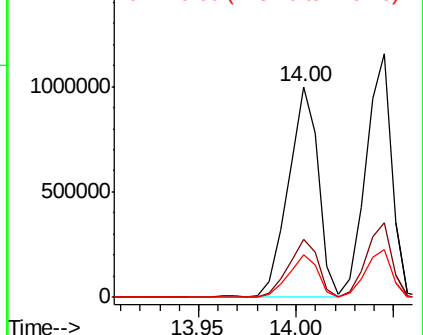


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 71.639 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

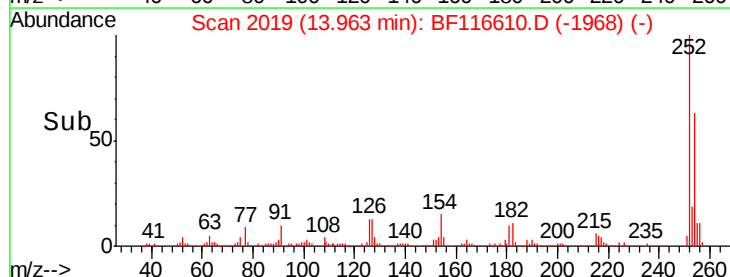
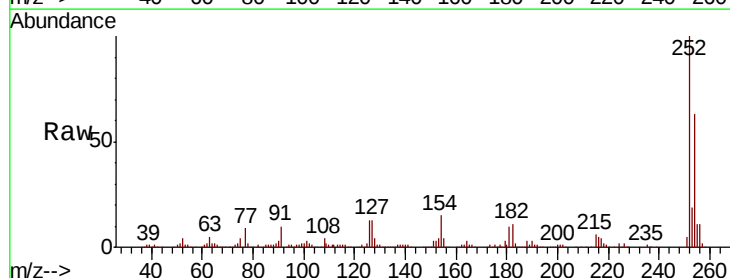
Tgt Ion:252 Resp: 348063

Ion Ratio Lower Upper

252 100

254 63.3 51.9 77.9

126 13.5 8.7 13.1#

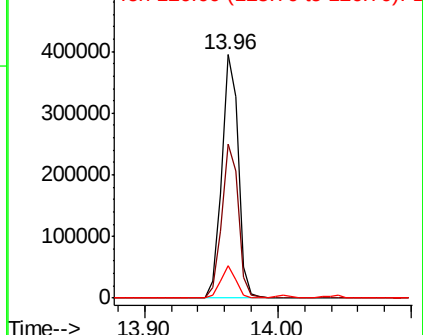


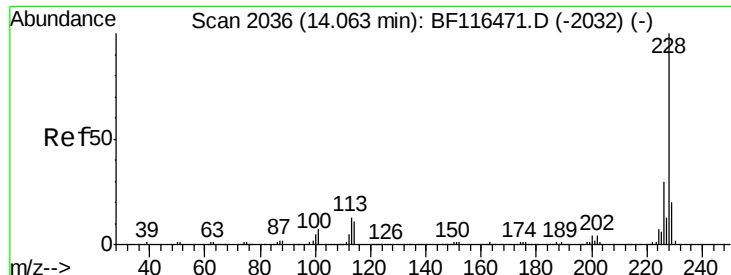
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





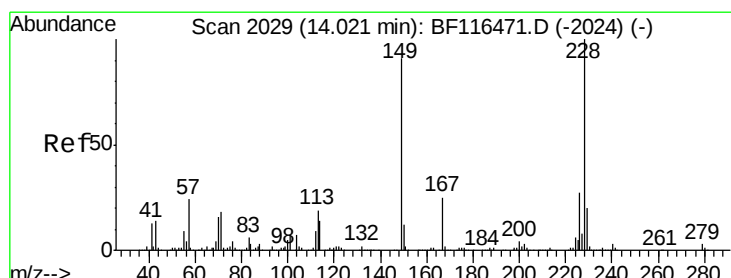
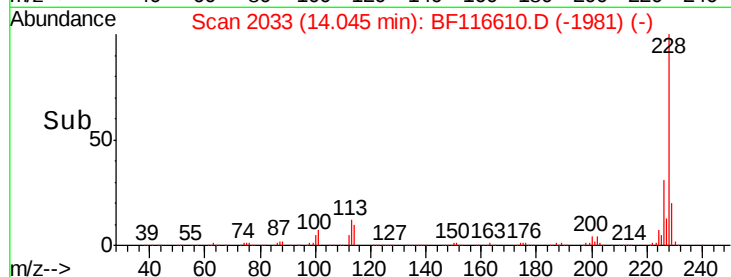
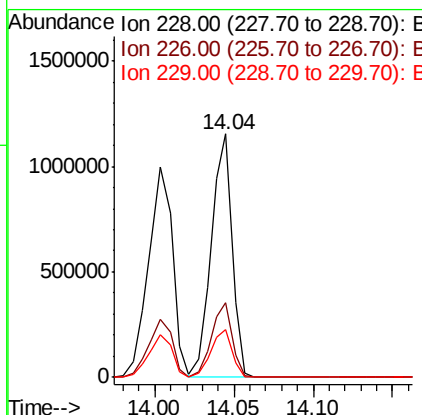
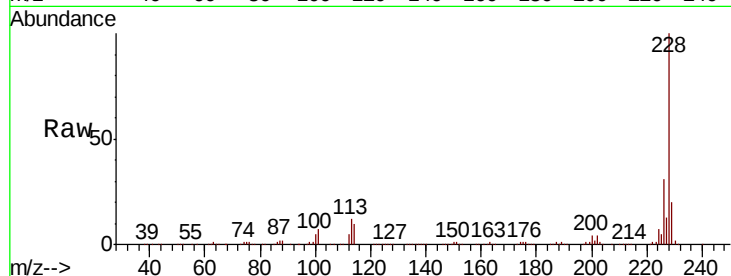
#83
 Chrvsene
 Concen: 76.476 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.8	15.8	23.8

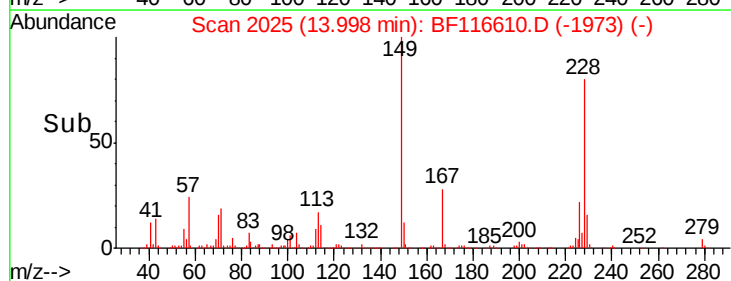
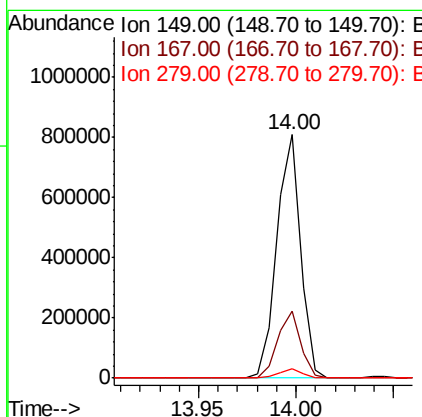
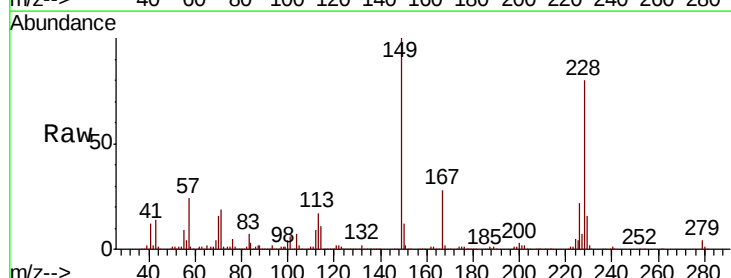
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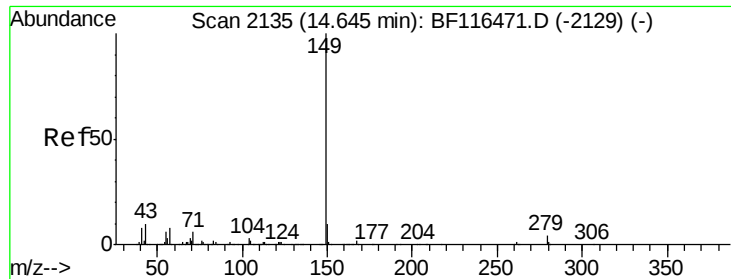
Jagrut
 8/29/2019 7:46:46 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 70.492 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF116610.D
 Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.2	31.8
279	4.0	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 63.434 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1044017

Ion Ratio Lower Upper

149 100

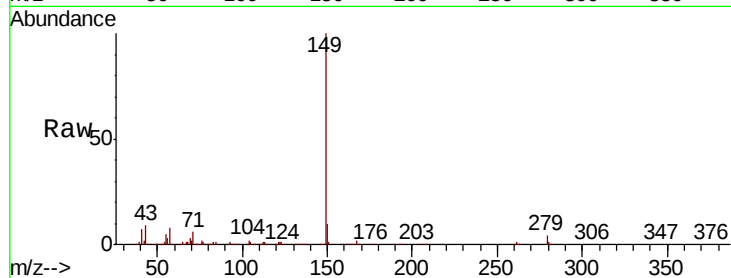
167 1.5 1.2 1.8

43 9.1 7.4 11.0

Manual Integrations
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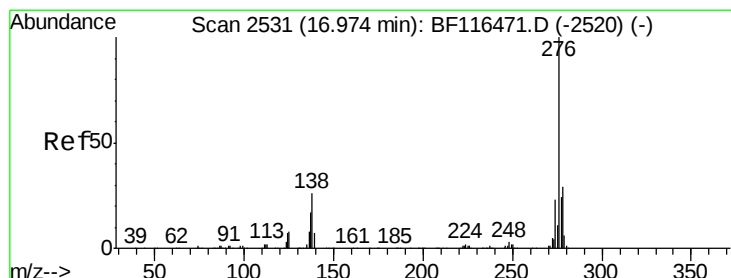
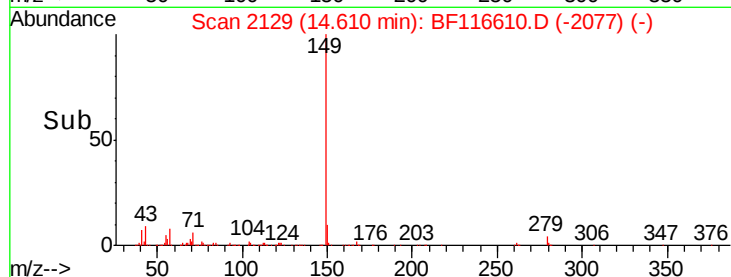
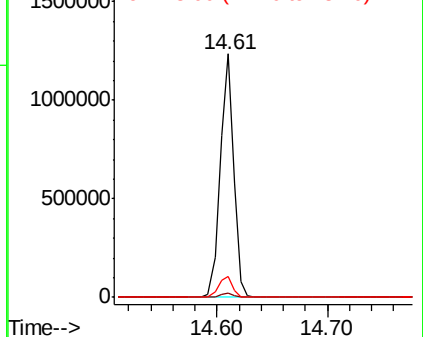
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 93.137 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

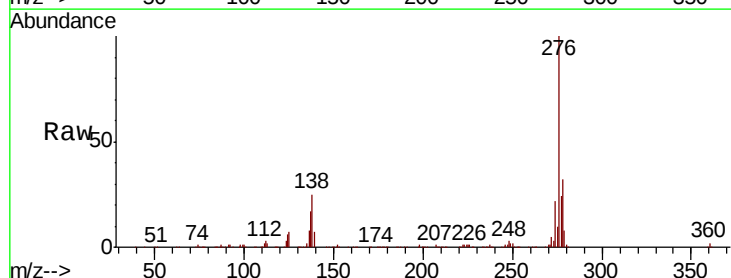
Tgt Ion:276 Resp: 1102486

Ion Ratio Lower Upper

276 100

138 27.7 21.5 32.3

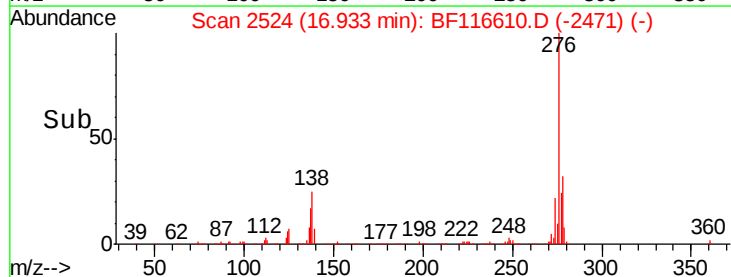
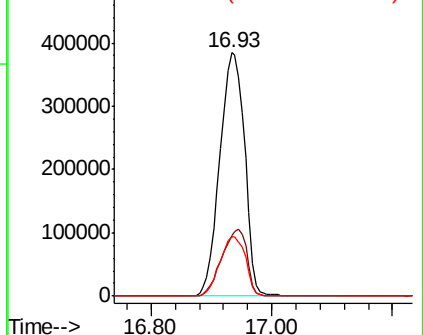
277 25.2 20.0 30.0

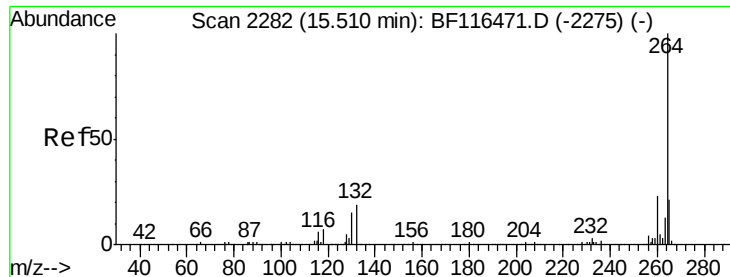


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Instrument :

BNA_F

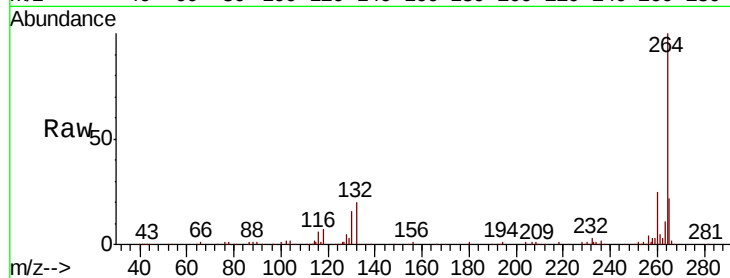
ClientSampleId :

SSTDIC080

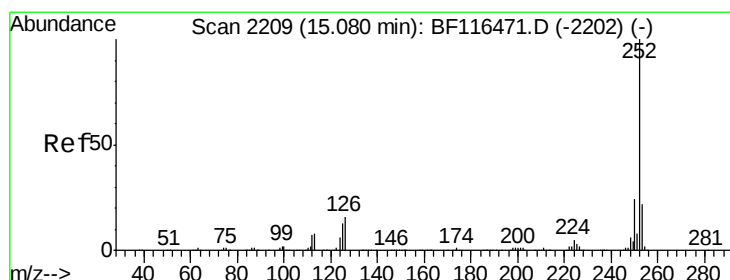
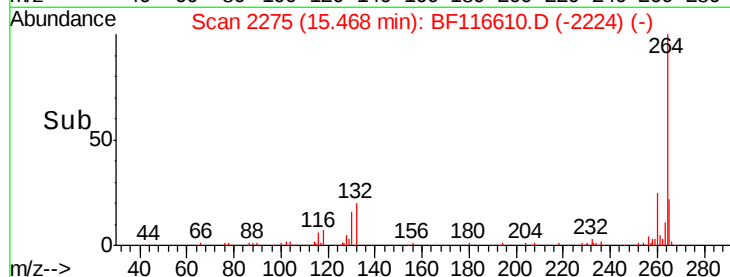
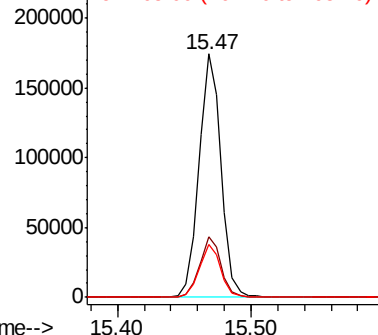
Tot Ion:	264	Resp:	202994
Ion Ratio	Lower	Upper	
264	100		
260	25.0	20.0	30.0
265	21.7	17.6	26.4

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 73.262 ng

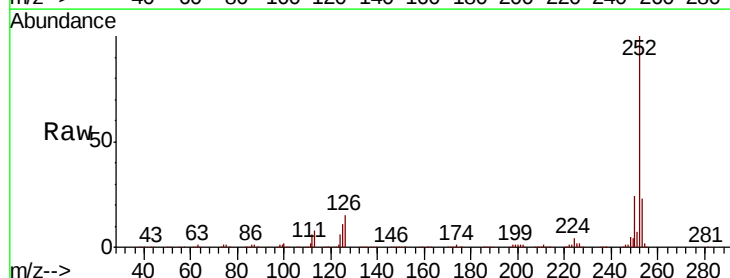
RT: 15.05 min Scan# 2204

Delta R.T. 0.01 min

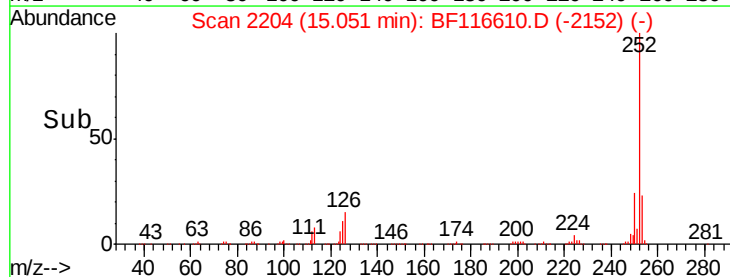
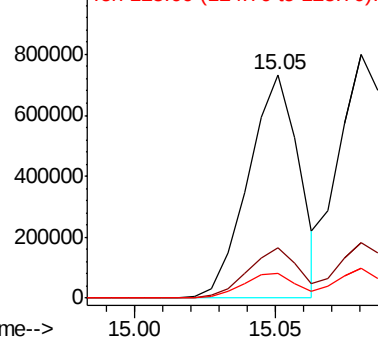
Lab File: BF116610.D

Acq: 28 Aug 2019 11:44

Tgt Ion:	252	Resp:	918707
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	11.2	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





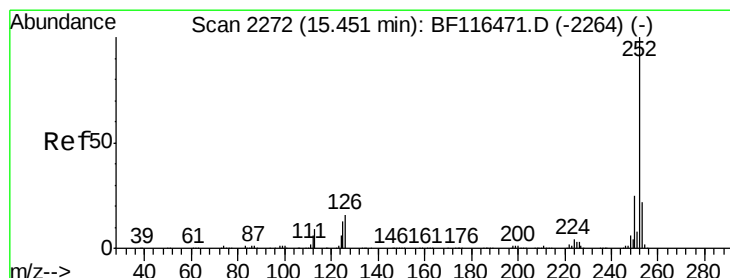
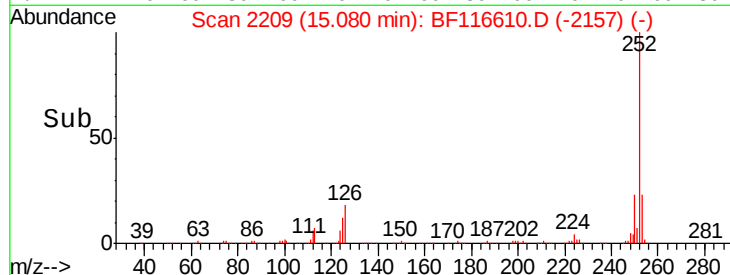
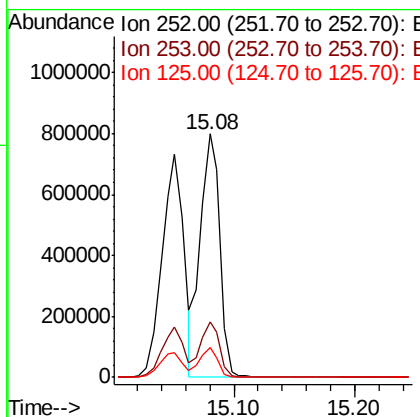
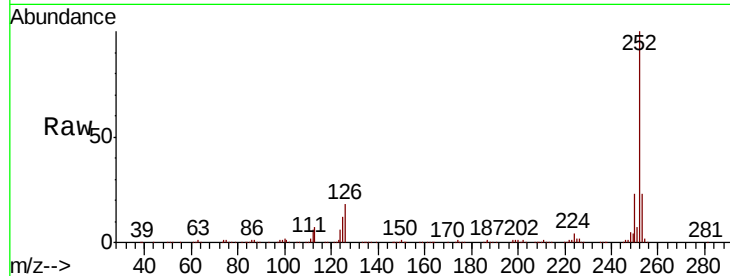
#89
Benzo(k)fluoranthene
Concen: 79.006 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.5	8.6	13.0

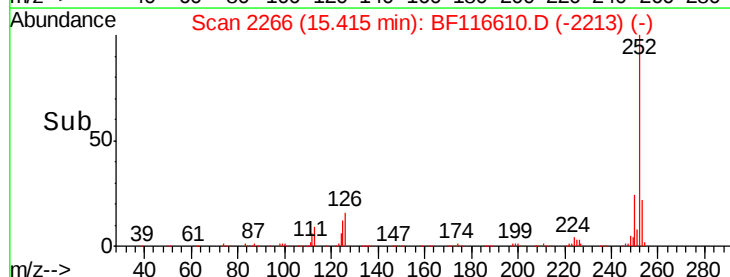
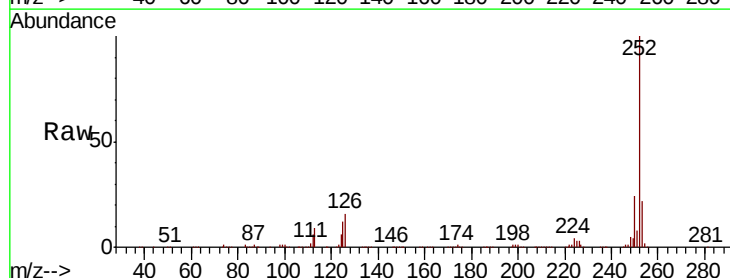
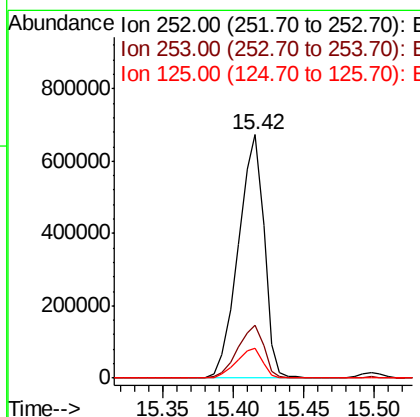
Manual Integrations
APPROVED

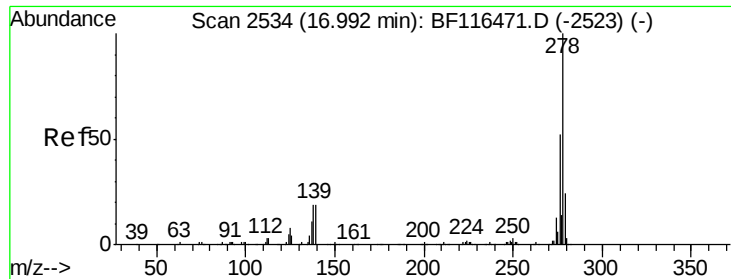
Jagrut
8/29/2019 7:46:46 PM



#90
Benzo(a)pyrene
Concen: 77.731 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	12.2	10.6	16.0





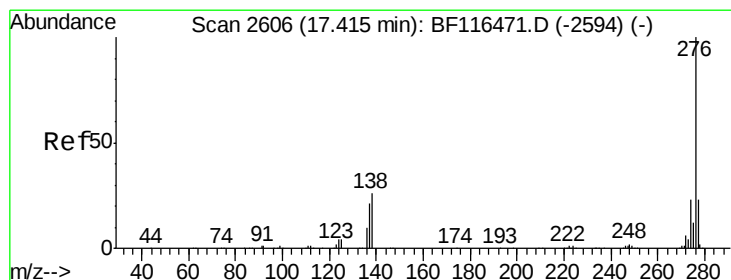
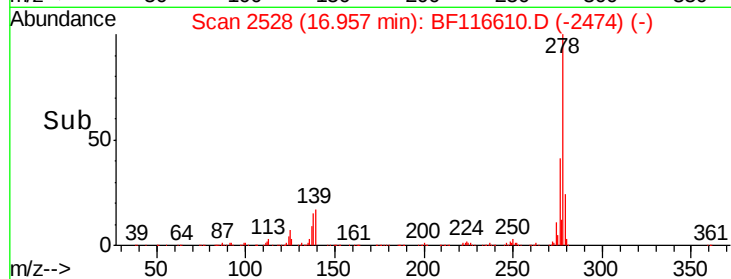
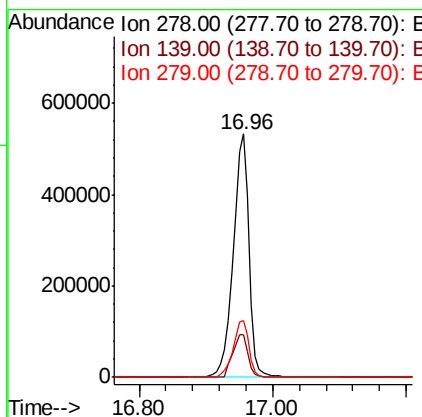
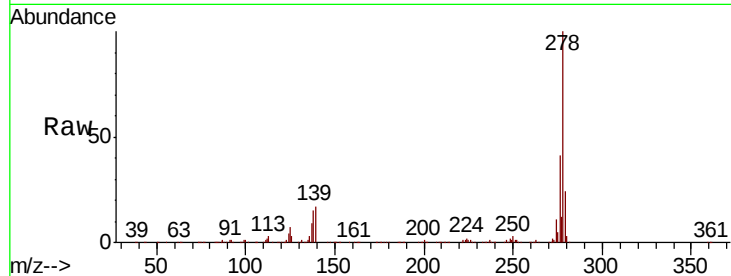
#91
Dibenzo(a,h)anthracene
Concen: 97.753 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.02 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.1	21.1
279	23.5	19.5	29.3

Manual Integrations
APPROVED

Jagrut
8/29/2019 7:46:46 PM



#92
Benzo(g,h,i)perylene
Concen: 105.286 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.02 min
Lab File: BF116610.D
Acq: 28 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	23.6	18.2	27.2

