

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123314.D
 Acq On : 26 Feb 2021 21:26
 Operator : JU/CG
 Sample : M1503-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-AVE

Quant Time: Feb 26 23:29:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

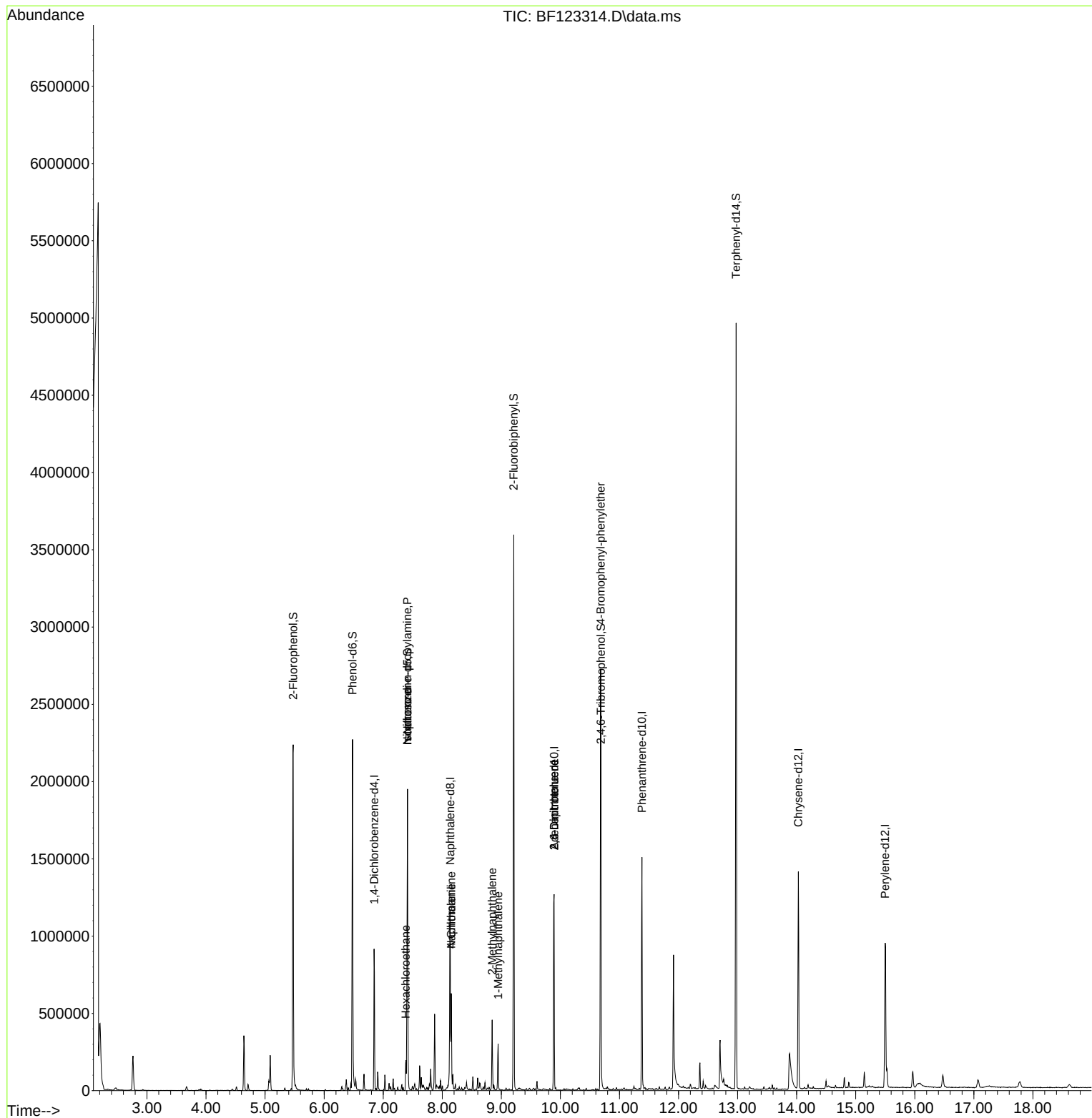
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	118494	20.00	ng	-0.01
21) Naphthalene-d8	8.134	136	474878	20.00	ng	-0.01
39) Acenaphthene-d10	9.892	164	247793	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	486901	20.00	ng	-0.01
76) Chrysene-d12	14.027	240	444517	20.00	ng	-0.02
86) Perylene-d12	15.498	264	411858	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	627932	76.28	ng	0.00
7) Phenol-d6	6.481	99	730102	65.28	ng	-0.01
23) Nitrobenzene-d5	7.410	82	570023	54.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	281238	111.46	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	957882	55.53	ng	-0.01
79) Terphenyl-d14	12.975	244	1520474	65.77	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	911	Below Cal	#	1
18) Hexachloroethane	7.381	117	10393	3.07	ng	# 1
19) n-Nitroso-di-n-propyla...	7.410	70	79064	11.88	ng	# 80
25) Isophorone	7.410	82	565547	29.15	ng	# 65
31) Naphthalene	8.151	128	204941	7.87	ng	99
33) 4-Chloroaniline	8.151	127	28816	2.72	ng	# 40
37) 2-Methylnaphthalene	8.845	142	101957	5.88	ng	98
38) 1-Methylnaphthalene	8.945	142	58479	3.61	ng	100
51) 2,6-Dinitrotoluene	9.892	165	31209	7.31	ng	# 32
57) 2,4-Dinitrotoluene	9.892	165	31209	5.43	ng	# 26
67) 4-Bromophenyl-phenylether	10.681	248	19894	3.75	ng	# 1

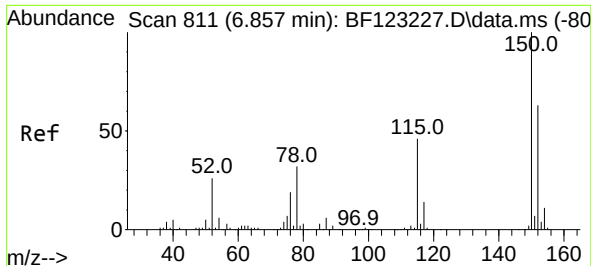
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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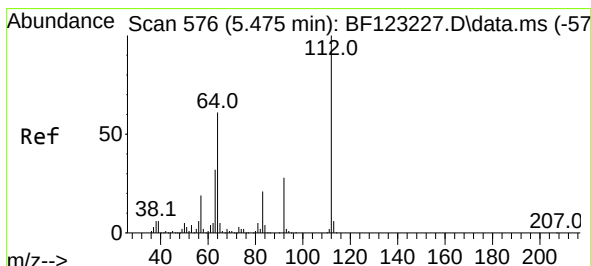
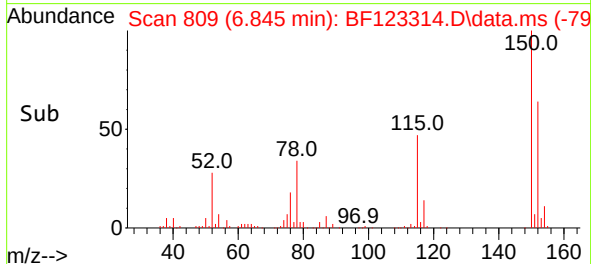
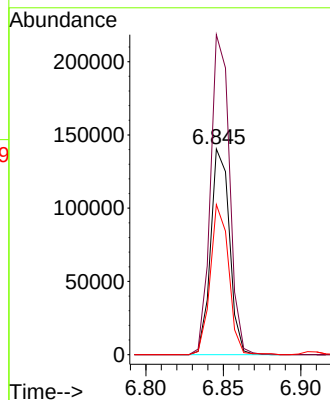
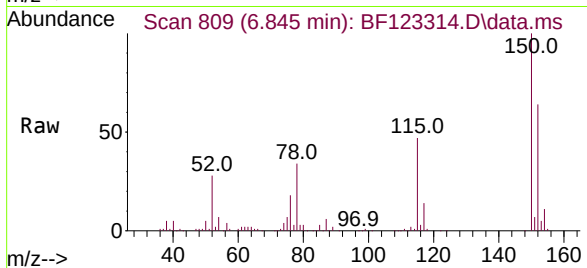




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

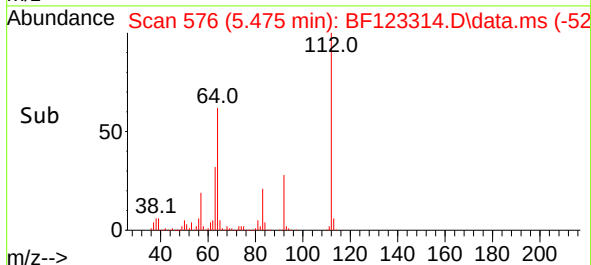
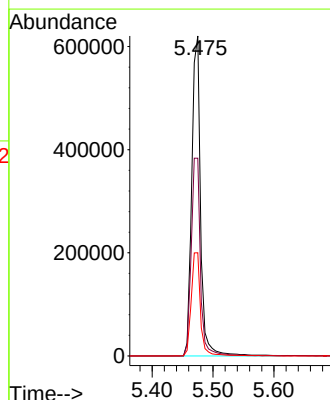
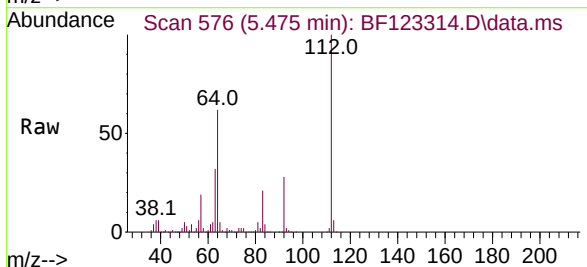
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

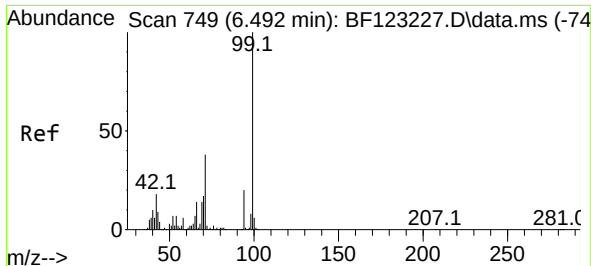
Tgt Ion:152 Resp: 118494
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 73.0 49.3 73.9



#5
2-Fluorophenol
Concen: 76.28 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:112 Resp: 627932
Ion Ratio Lower Upper
112 100
64 61.8 46.9 70.3
63 32.3 24.5 36.7

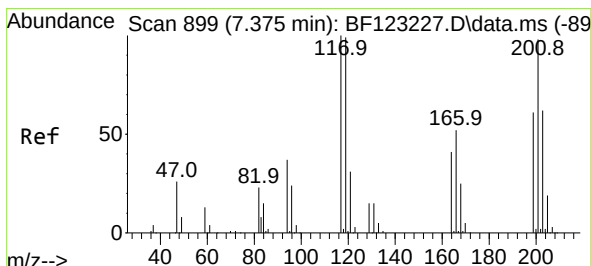
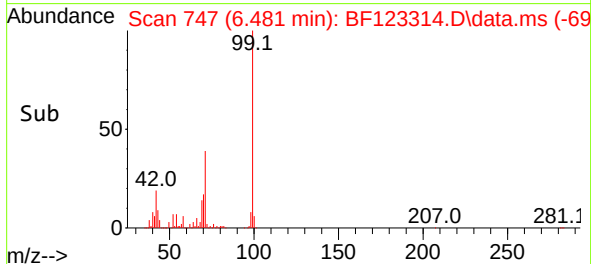
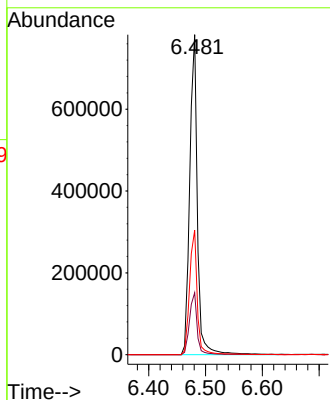
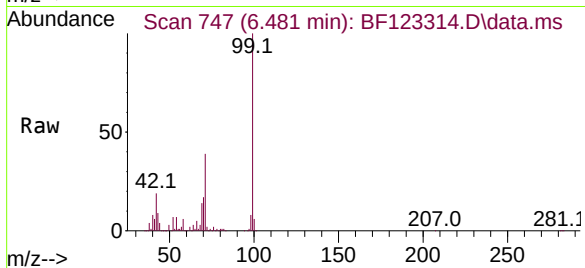




#7
Phenol-d6
Concen: 65.28 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

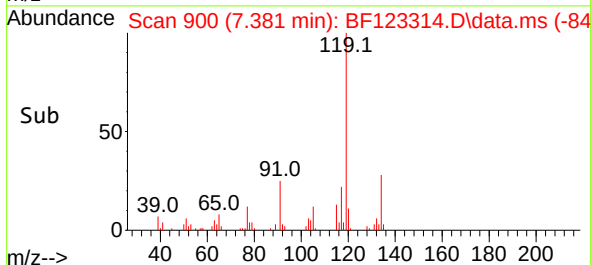
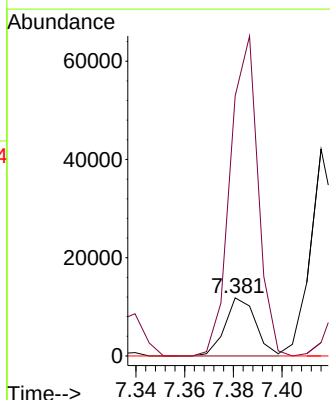
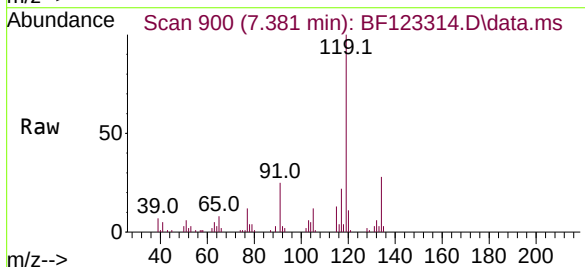
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

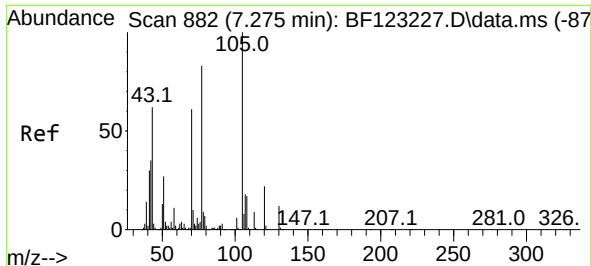
Tgt Ion: 99 Resp: 730102
Ion Ratio Lower Upper
99 100
42 19.3 13.8 20.6
71 38.9 26.9 40.3



#18
Hexachloroethane
Concen: 3.07 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

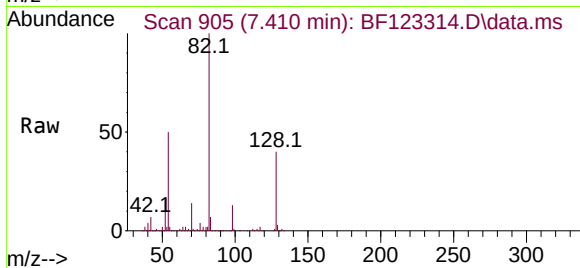
Tgt Ion: 117 Resp: 10393
Ion Ratio Lower Upper
117 100
119 447.3 78.4 117.6#
201 0.0 79.6 119.4#



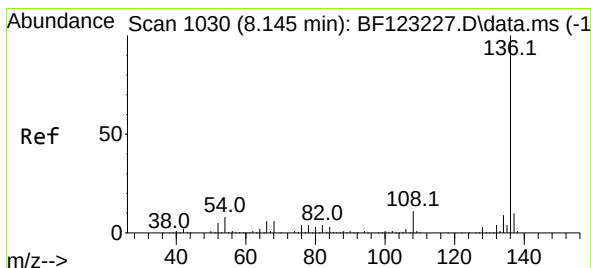
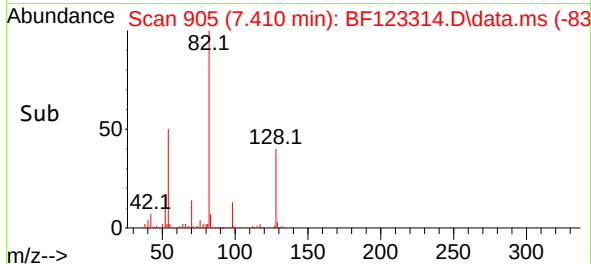
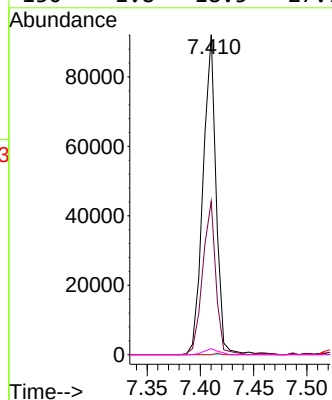


#19
n-Nitroso-di-n-propylamine
Concen: 11.88 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

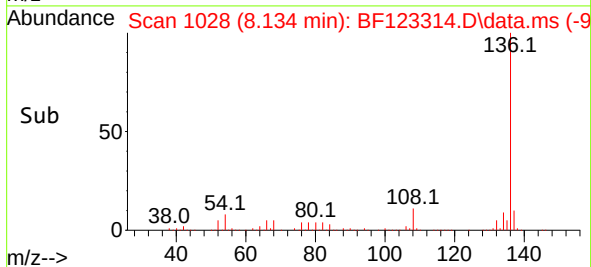
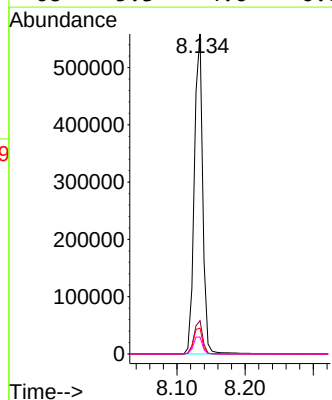
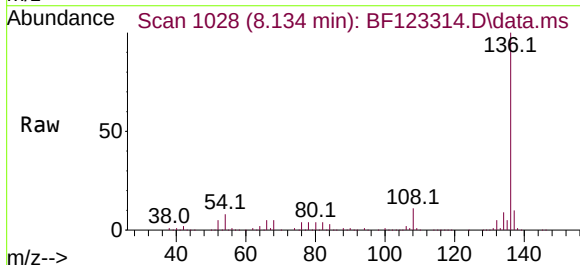


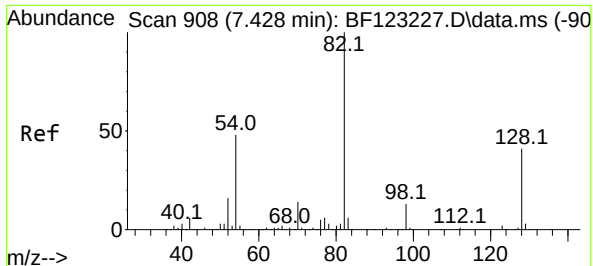
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.0	5.5	8.3
68	5.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 54.95 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.017 min

Lab File: BF123314.D

Acq: 26 Feb 2021 21:26

Tgt Ion: 82 Resp: 570023

Ion Ratio Lower Upper

82 100

128 39.9 37.0 55.4

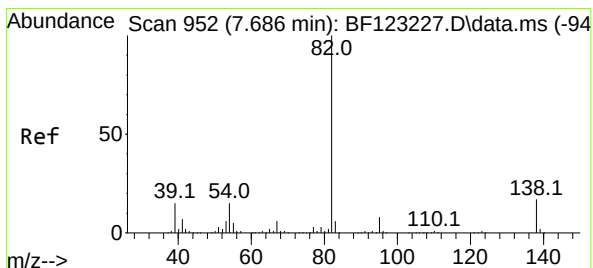
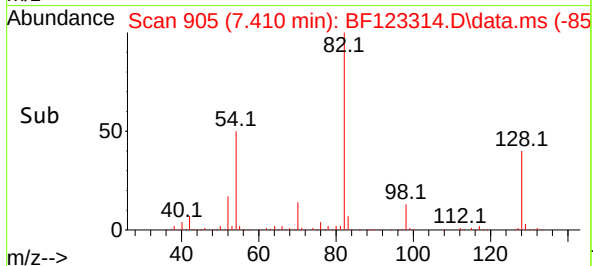
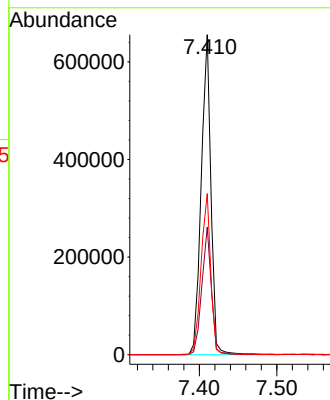
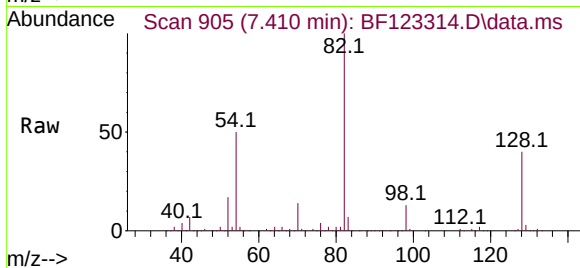
54 50.3 38.4 57.6

Instrument :

BNA_F

ClientSampleId :

SEDGWICK-AVE



#25

Isophorone

Concen: 29.15 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.276 min

Lab File: BF123314.D

Acq: 26 Feb 2021 21:26

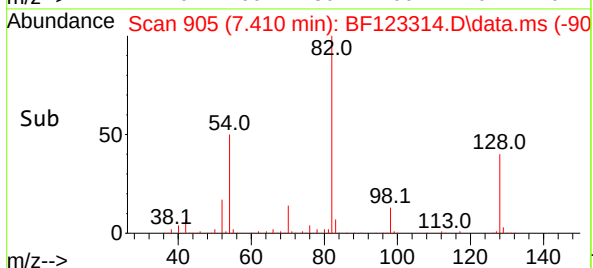
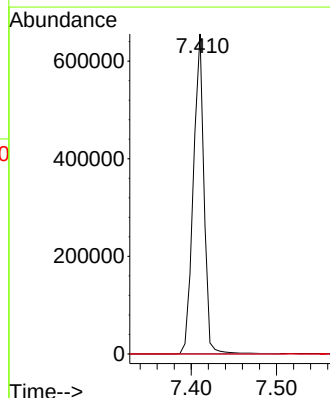
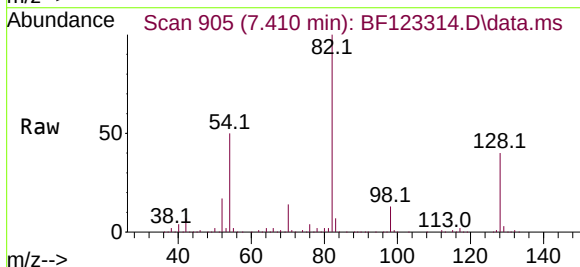
Tgt Ion: 82 Resp: 565547

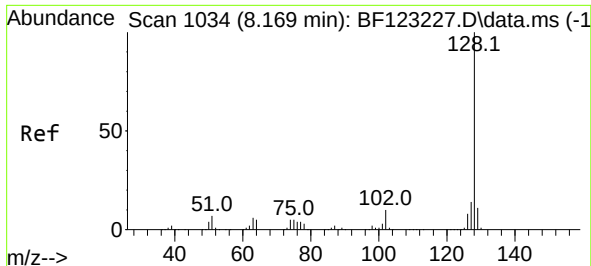
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#

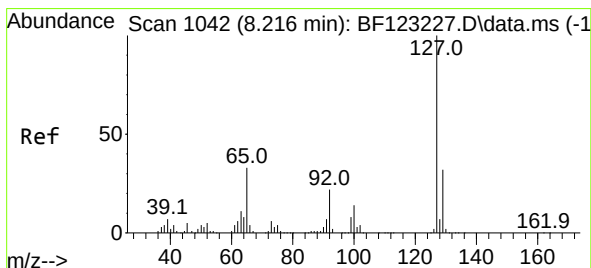
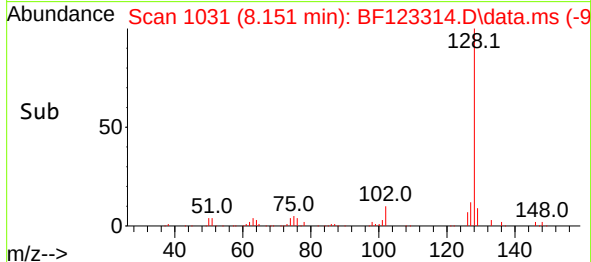
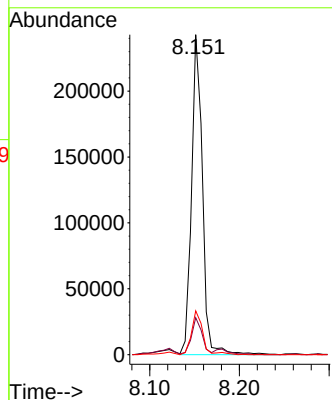
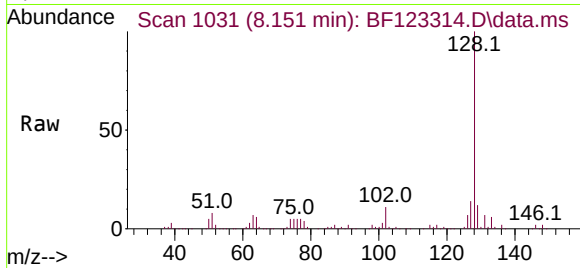




#31
Naphthalene
Concen: 7.87 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

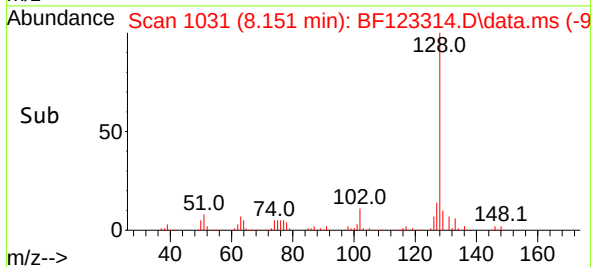
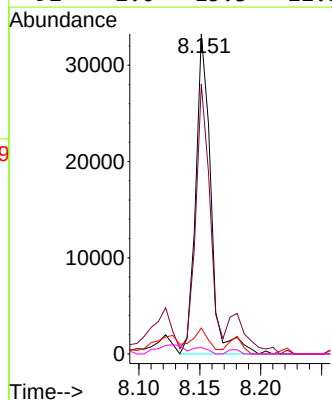
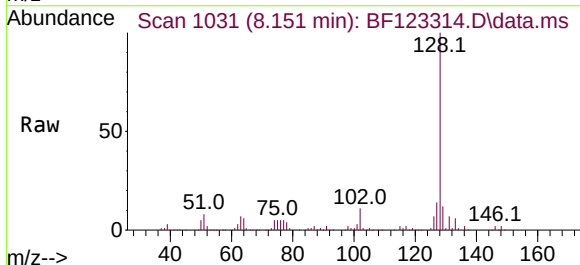
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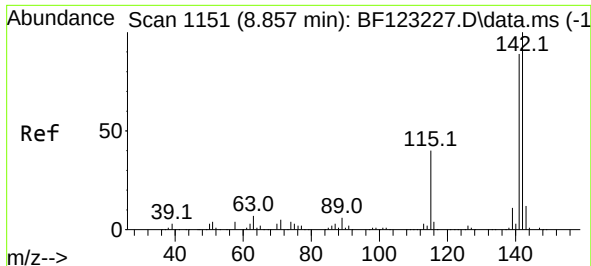
Tgt Ion:128 Resp: 204941
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.7 10.7 16.1



#33
4-Chloroaniline
Concen: 2.72 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.065 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:127 Resp: 28816
Ion Ratio Lower Upper
127 100
129 84.4 26.2 39.2#
65 8.1 22.2 33.2#
92 2.0 15.3 22.9#

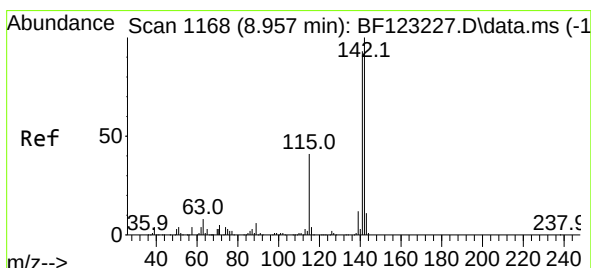
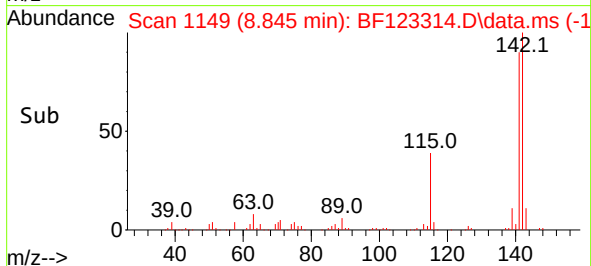
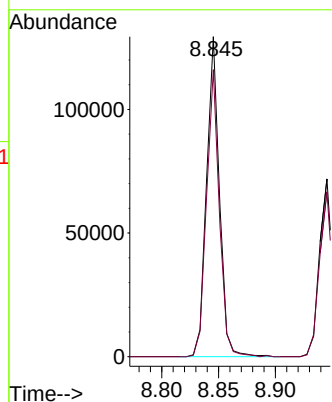
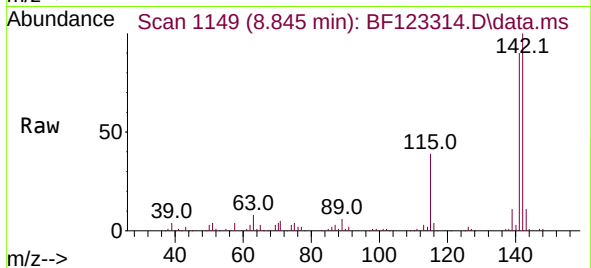




#37
2-Methylnaphthalene
Concen: 5.88 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

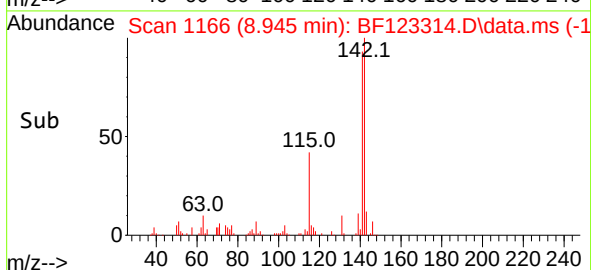
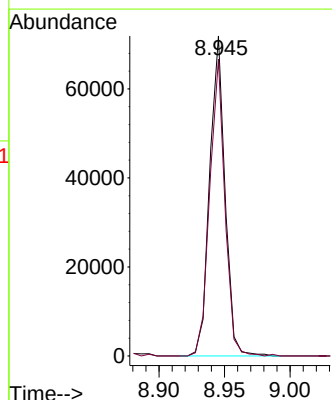
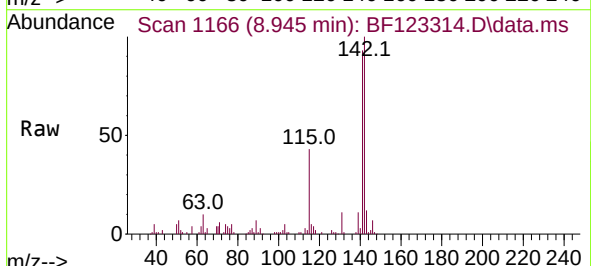
Instrument :
BNA_F
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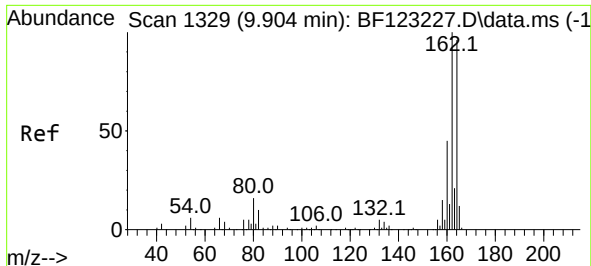
Tgt Ion:142 Resp: 101957
Ion Ratio Lower Upper
142 100
141 89.7 70.6 106.0



#38
1-Methylnaphthalene
Concen: 3.61 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:142 Resp: 58479
Ion Ratio Lower Upper
142 100
141 92.8 74.5 111.7

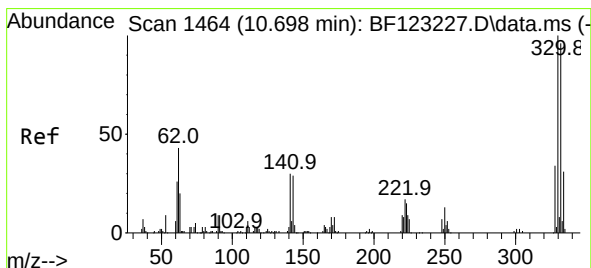
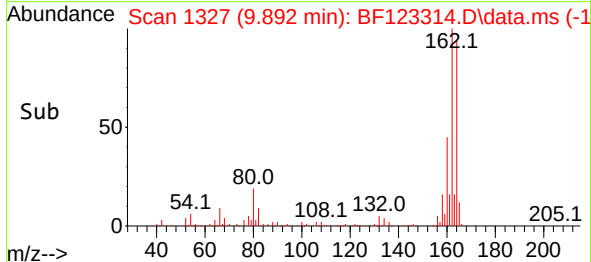
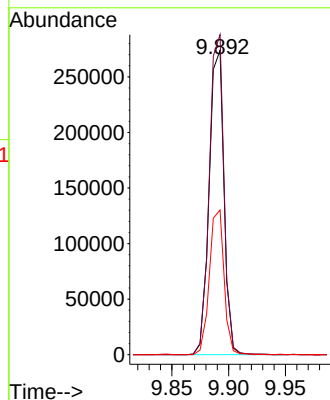
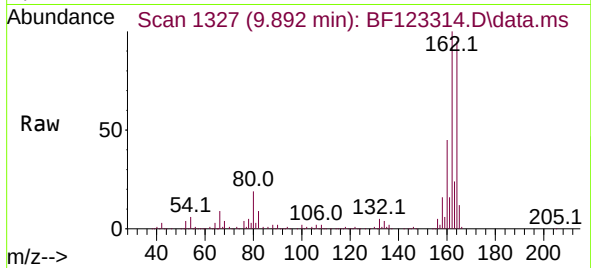




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

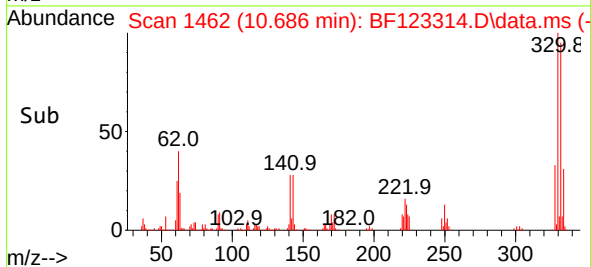
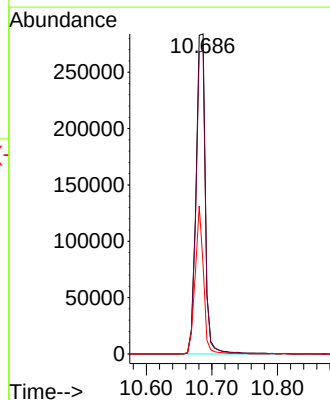
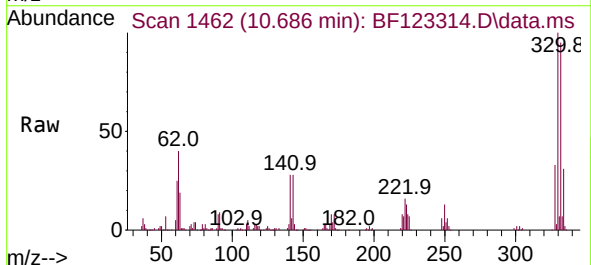
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

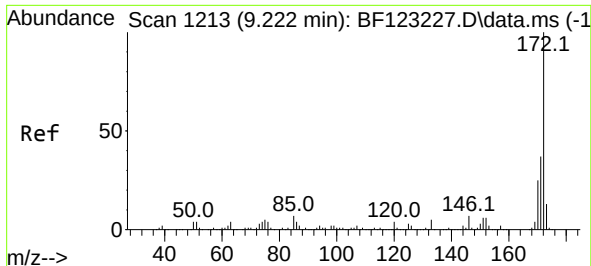
Tgt Ion:164 Resp: 247793
Ion Ratio Lower Upper
164 100
162 105.1 80.8 121.2
160 47.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 111.46 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:330 Resp: 281238
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 41.1 23.8 35.8#

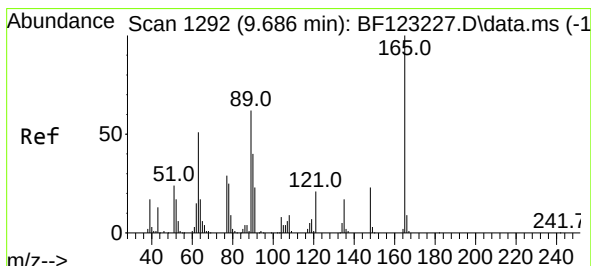
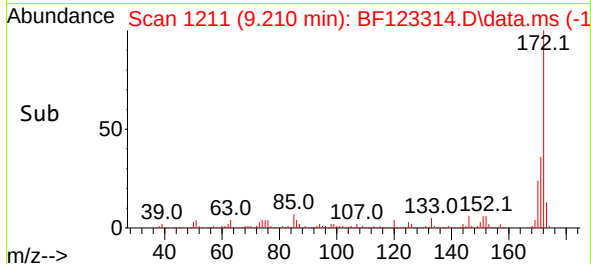
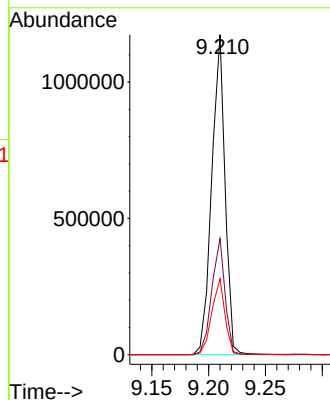
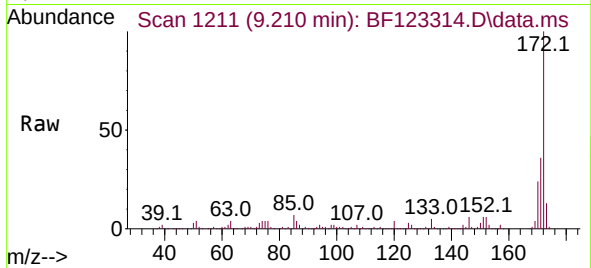




#45
2-Fluorobiphenyl
Concen: 55.53 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

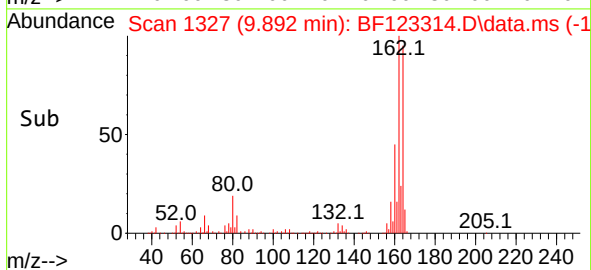
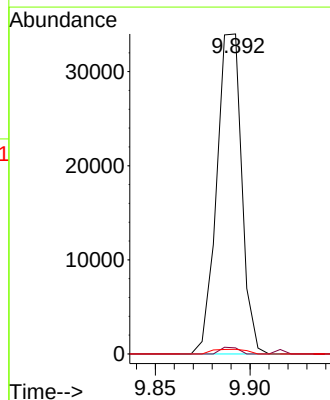
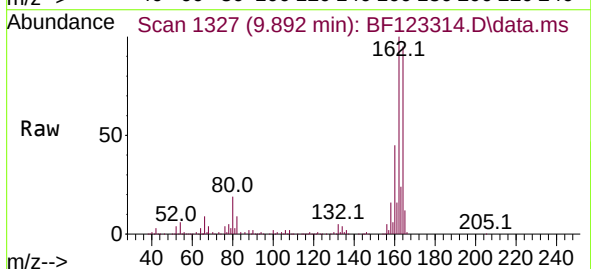
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

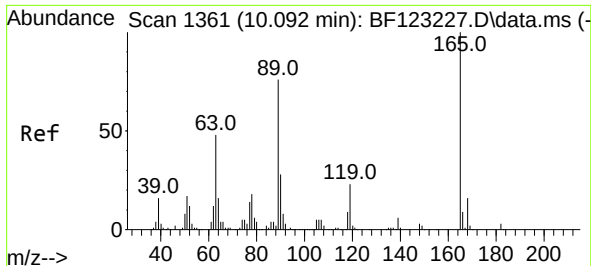
Tgt Ion:172	Resp: 957882
Ion Ratio	Lower Upper
172 100	
171 36.3	29.6 44.4
170 23.7	19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.31 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.206 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:165	Resp: 31209
Ion Ratio	Lower Upper
165 100	
63 1.9	36.6 55.0#
89 1.5	39.4 59.0#

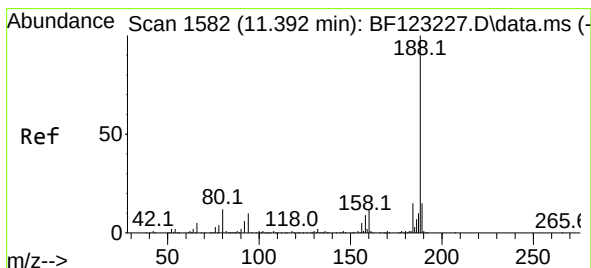
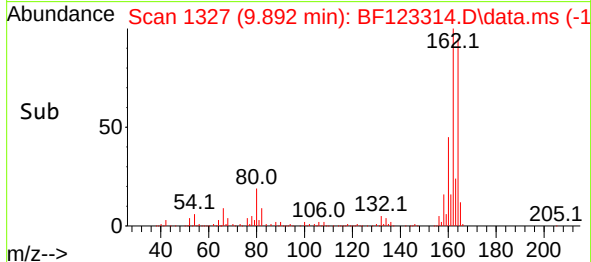
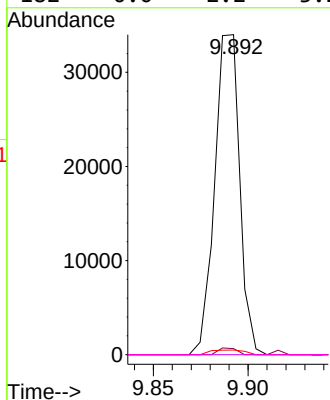
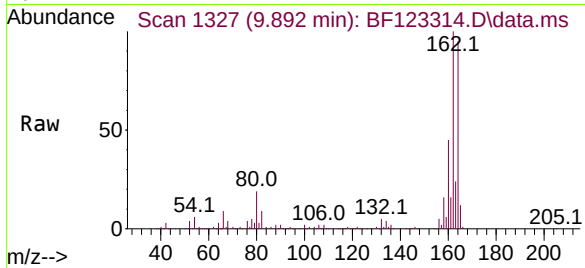




#57
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

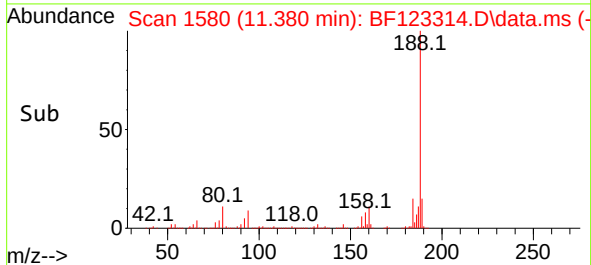
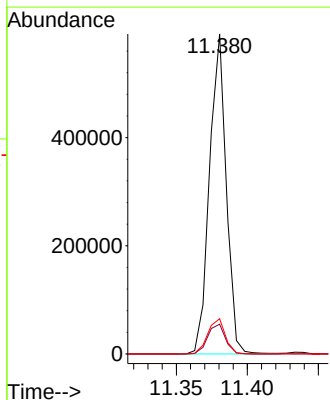
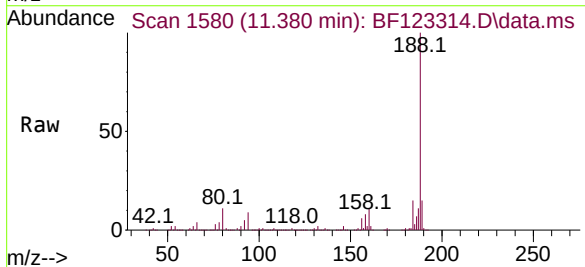
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

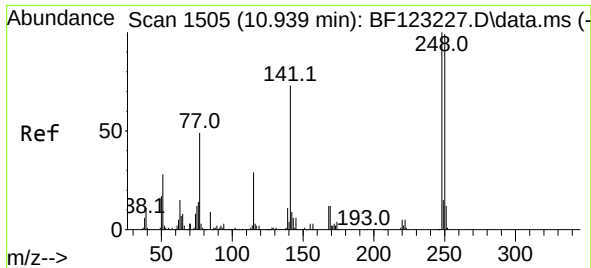
Tgt Ion:	165	Resp:	31209
Ion Ratio	Lower	Upper	
165	100		
63	1.9	34.3	51.5#
89	1.5	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:	188	Resp:	486901
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.4	11.2
80	11.0	8.2	12.4

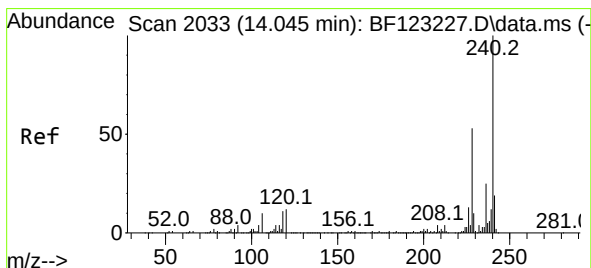
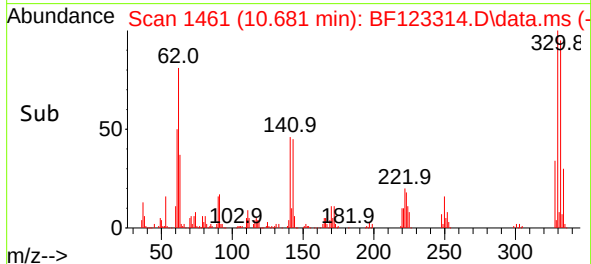
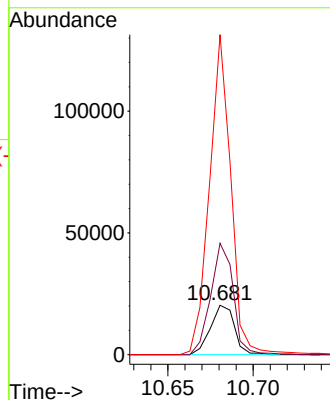
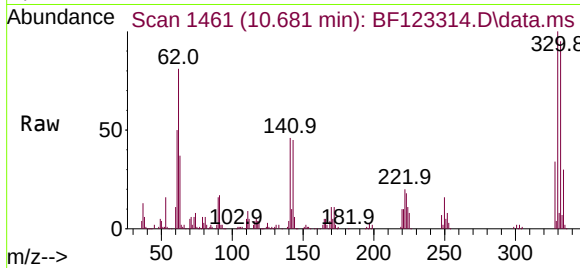




#67
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.259 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

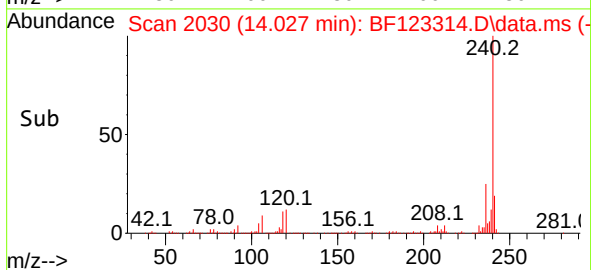
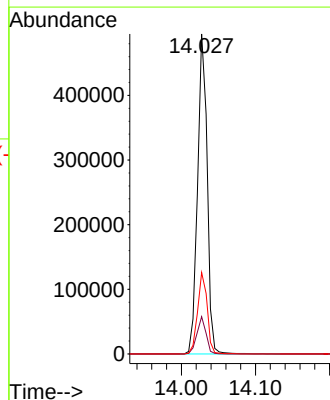
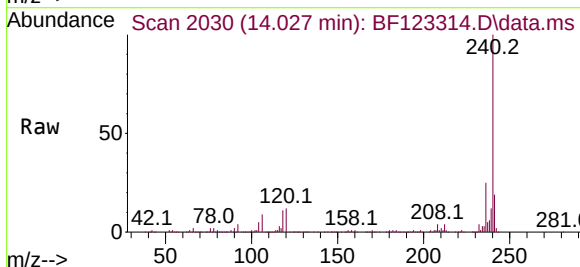
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

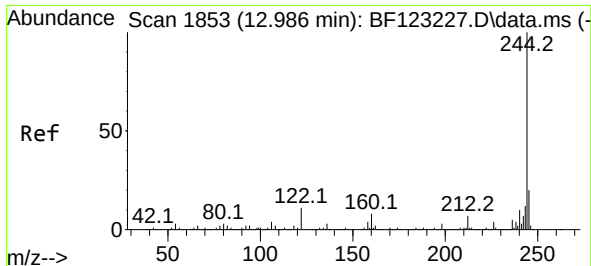
Tgt Ion:248 Resp: 19894
Ion Ratio Lower Upper
248 100
250 224.9 76.8 115.2#
141 646.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.017 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:240 Resp: 444517
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.4 20.3 30.5

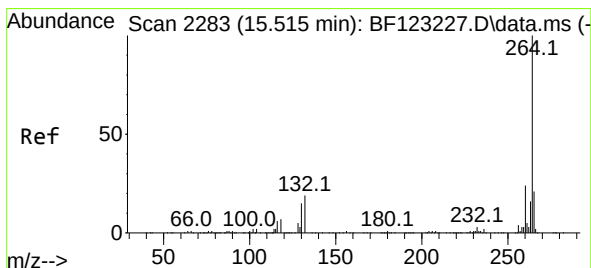
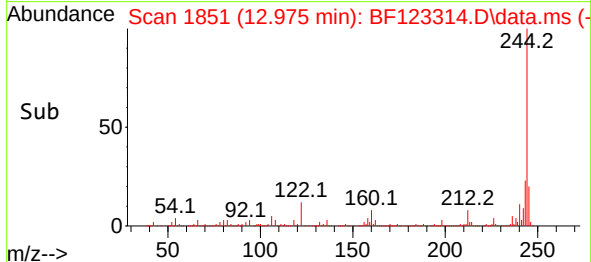
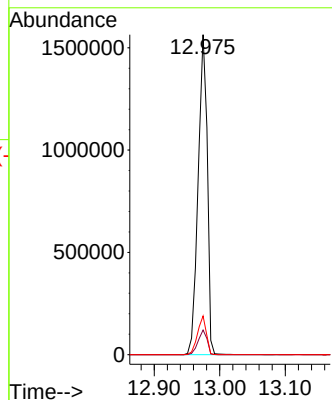
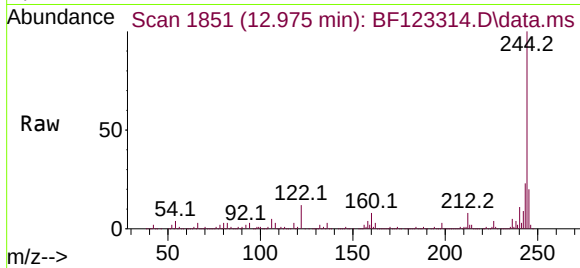




#79
Terphenyl-d14
Concen: 65.77 ng
RT: 12.975 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

Tgt Ion:244 Resp: 1520474
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 12.1 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.017 min
Lab File: BF123314.D
Acq: 26 Feb 2021 21:26

Tgt Ion:264 Resp: 411858
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.1 17.0 25.6

