

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
 Data File : BF123315.D
 Acq On : 26 Feb 2021 21:58
 Operator : JU/CG
 Sample : M1503-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-AVE

Quant Time: Feb 26 23:29:27 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)

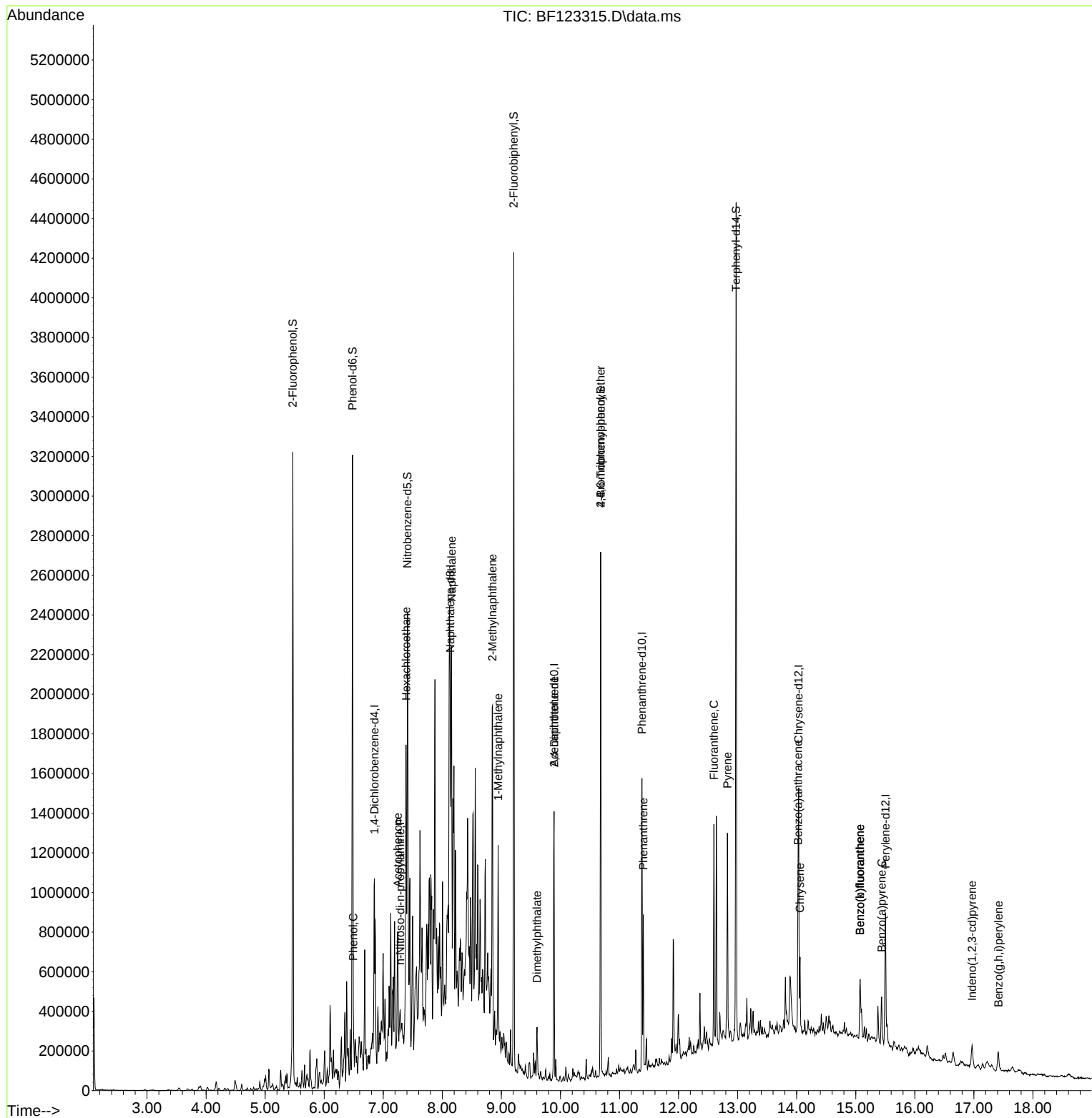
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	118498	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	463560	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	253660	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	483360	20.00	ng	-0.01
76) Chrysene-d12	14.033	240	354887	20.00	ng	-0.01
86) Perylene-d12	15.504	264	275048	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	808364	98.19	ng	0.00
7) Phenol-d6	6.481	99	1039550	92.95	ng	-0.01
23) Nitrobenzene-d5	7.410	82	703736	69.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	259464	100.45	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	1091331	61.80	ng	-0.01
79) Terphenyl-d14	12.974	244	1180970	63.99	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	2728	Below Cal	#	1
10) Phenol	6.492	94	44885	3.68	ng	100
18) Hexachloroethane	7.387	117	60817	17.96	ng	# 1
19) n-Nitroso-di-n-propyla...	7.287	70	14209	2.14	ng	# 63
22) Acetophenone	7.245	105	26459	2.20	ng	# 46
31) Naphthalene	8.157	128	413102	16.26	ng	96
37) 2-Methylnaphthalene	8.851	142	444611	26.27	ng	99
38) 1-Methylnaphthalene	8.945	142	214899	13.58	ng	100
50) Dimethylphthalate	9.604	163	69194	3.65	ng	99
57) 2,4-Dinitrotoluene	9.892	165	34030	5.79	ng	# 26
67) 4-Bromophenyl-phenylether	10.680	248	19514	3.70	ng	# 1
71) Phenanthrene	11.404	178	237543	8.31	ng	98
75) Fluoranthene	12.598	202	381488	12.59	ng	98
78) Pyrene	12.827	202	391092	14.12	ng	99
81) Benzo(a)anthracene	14.021	228	152599	6.33	ng	99
83) Chrysene	14.057	228	135489	5.72	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	65583	3.45	ng	98
88) Benzo(b)fluoranthene	15.074	252	202379	10.48	ng	99
89) Benzo(k)fluoranthene	15.074	252	202379	11.56	ng	98
90) Benzo(a)pyrene	15.439	252	113179	6.57	ng	98
92) Benzo(g,h,i)perylene	17.415	276	74212	4.94	ng	97

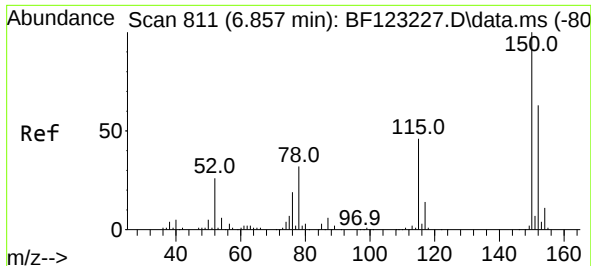
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022621\
Data File : BF123315.D
Acq On : 26 Feb 2021 21:58
Operator : JU/CG
Sample : M1503-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

Quant Time: Feb 26 23:29:27 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

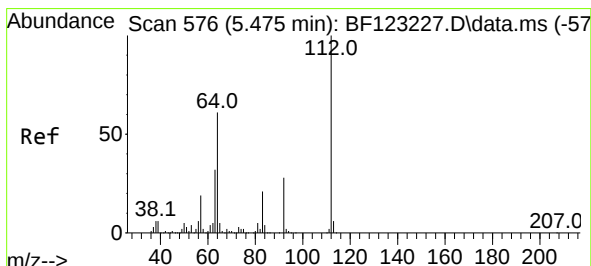
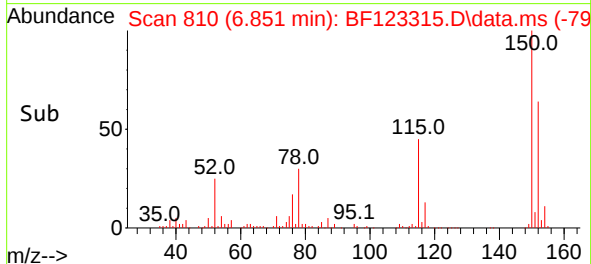
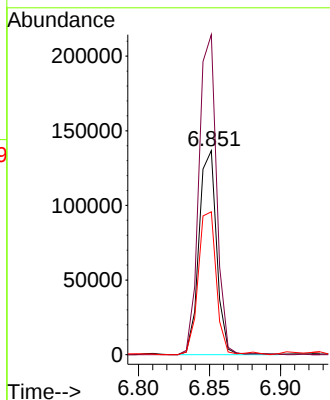
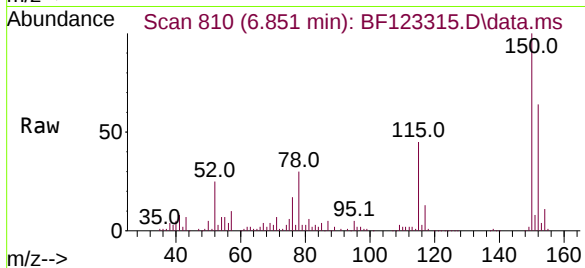




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

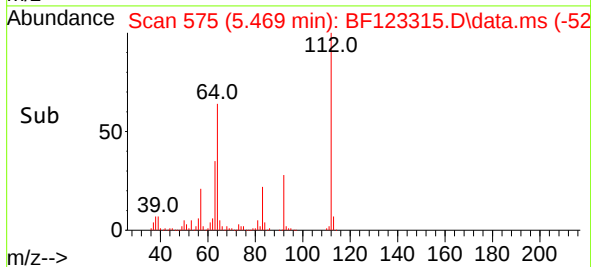
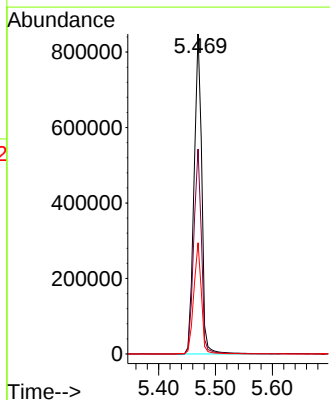
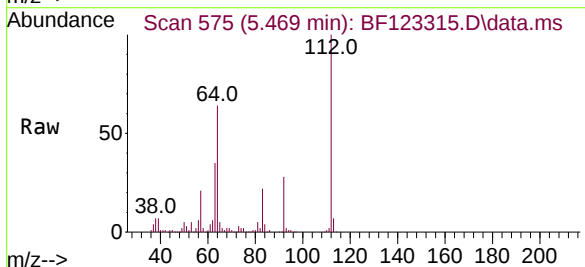
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

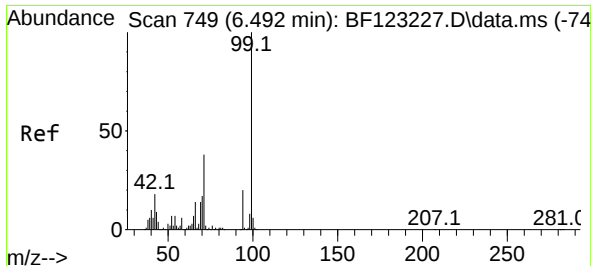
Tgt Ion:152 Resp: 118498
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 70.1 49.3 73.9



#5
2-Fluorophenol
Concen: 98.19 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:112 Resp: 808364
Ion Ratio Lower Upper
112 100
64 64.1 46.9 70.3
63 34.7 24.5 36.7

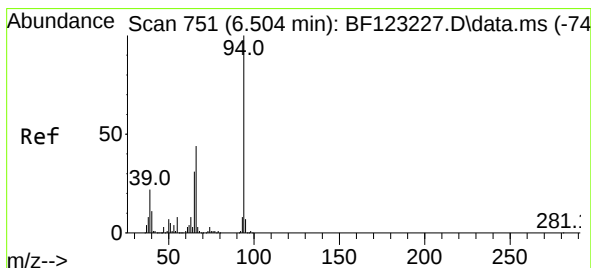
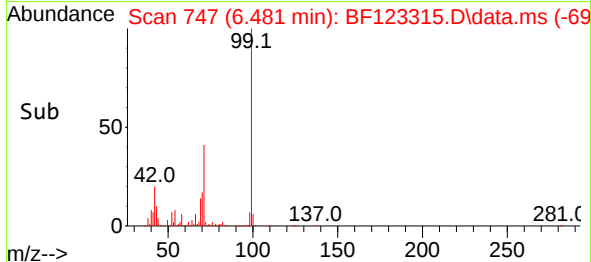
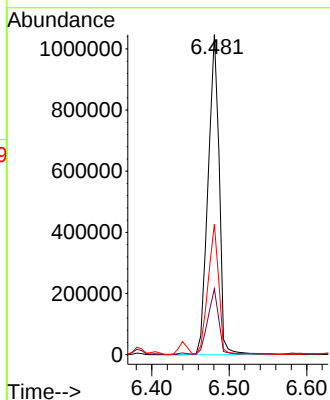
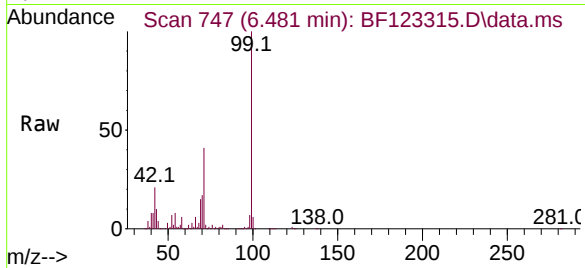




#7
Phenol-d6
Concen: 92.95 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

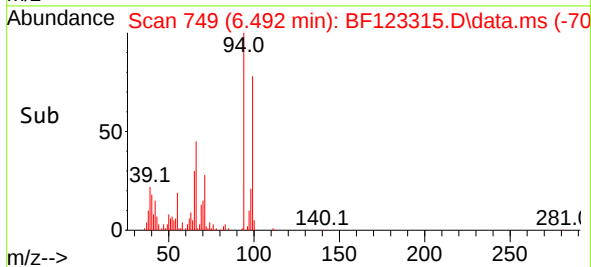
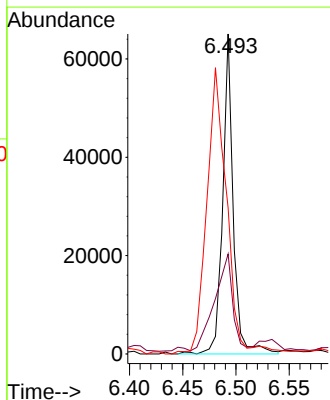
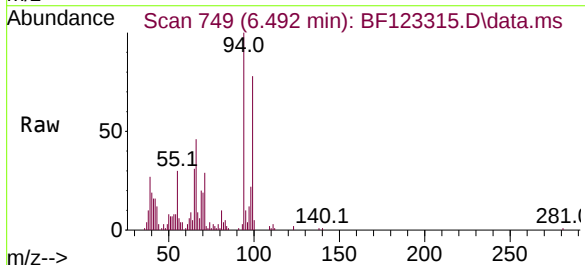
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

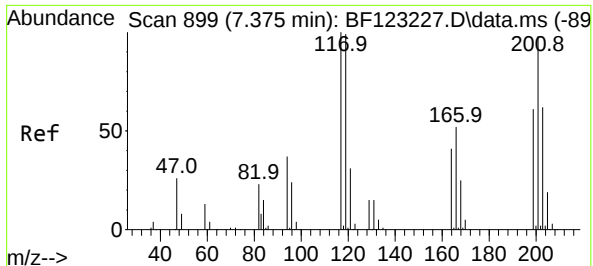
Tgt Ion: 99 Resp: 1039550
Ion Ratio Lower Upper
99 100
42 20.6 13.8 20.6
71 40.8 26.9 40.3#



#10
Phenol
Concen: 3.68 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion: 94 Resp: 44885
Ion Ratio Lower Upper
94 100
65 31.3 11.2 51.2
66 45.6 25.8 65.8

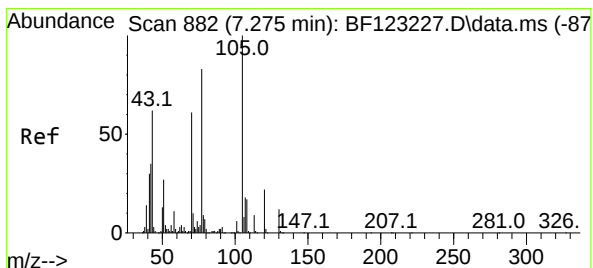
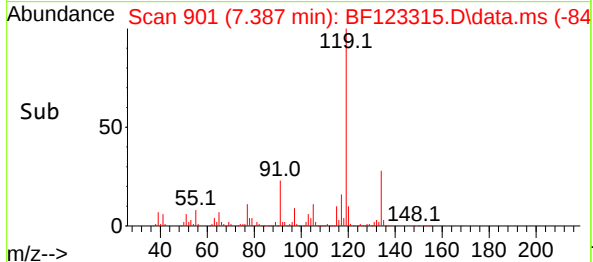
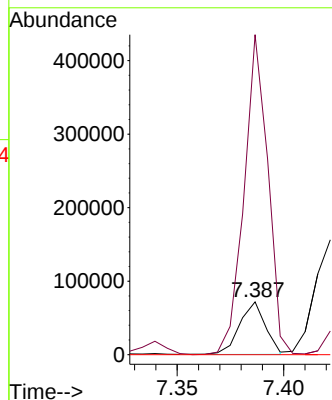
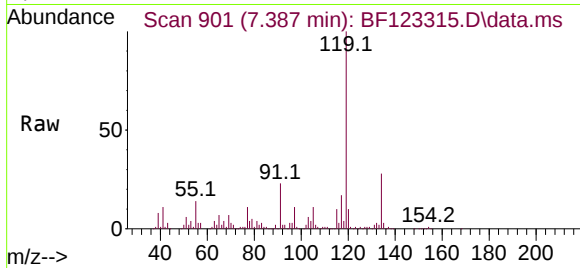




#18
Hexachloroethane
Concen: 17.96 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

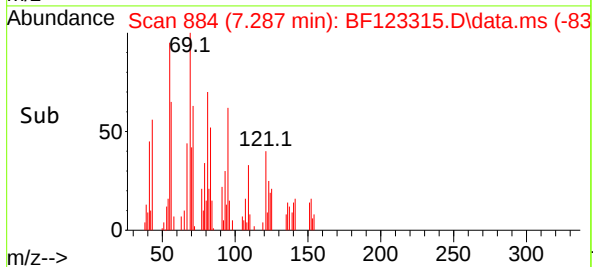
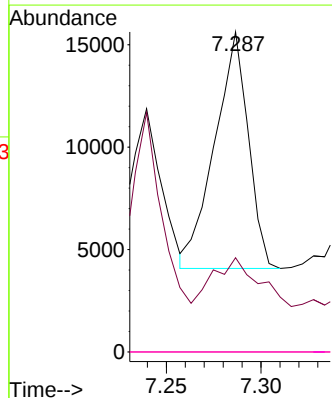
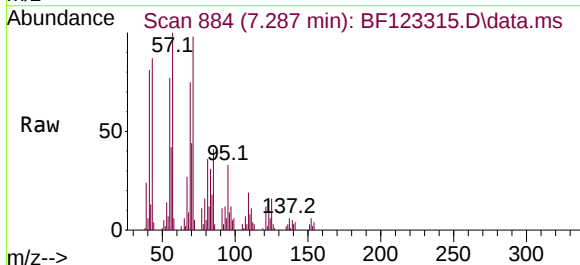
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

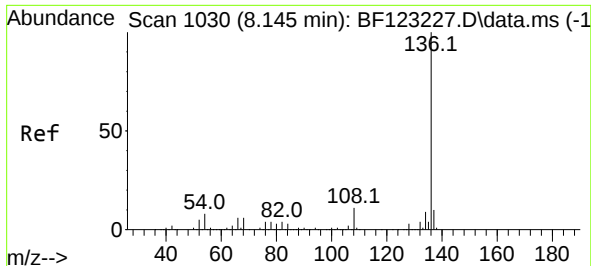
Tgt Ion:117 Resp: 60817
Ion Ratio Lower Upper
117 100
119 605.1 78.4 117.6#
201 0.0 79.6 119.4#



#19
n-Nitroso-di-n-propylamine
Concen: 2.14 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

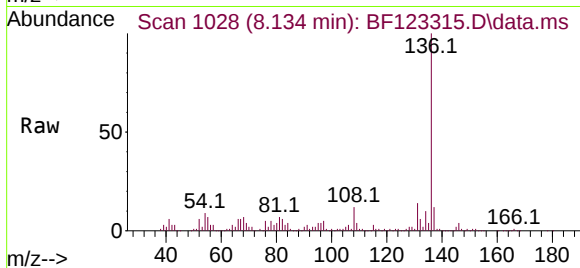
Tgt Ion: 70 Resp: 14209
Ion Ratio Lower Upper
70 100
42 29.5 43.0 64.4#
101 0.0 7.9 11.9#
130 0.0 18.5 27.7#



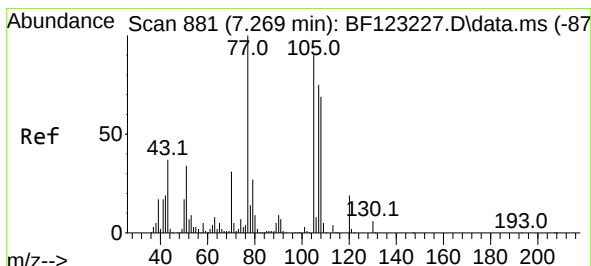
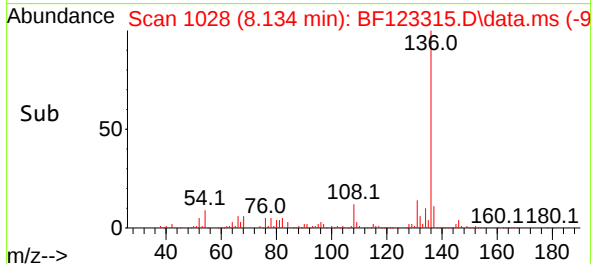
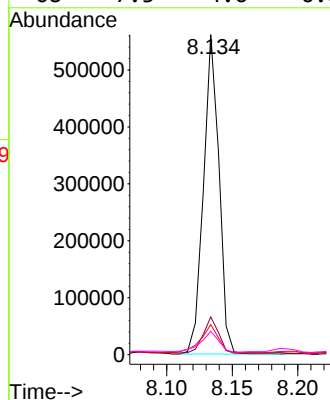


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

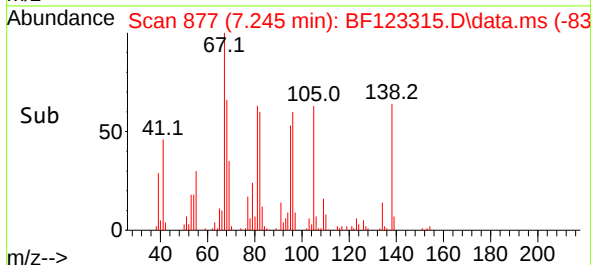
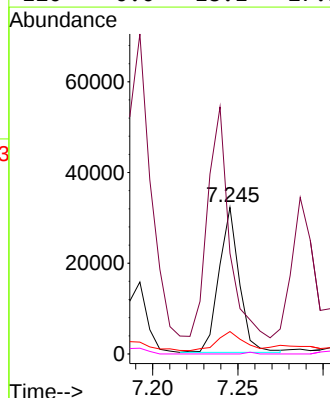
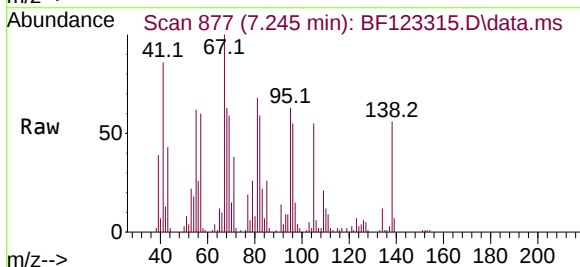


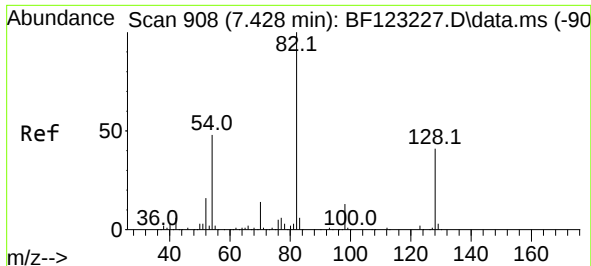
Tgt Ion:136 Resp: 463560
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 9.4 5.5 8.3#
68 7.3 4.6 6.8#



#22
Acetophenone
Concen: 2.20 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.023 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:105 Resp: 26459
Ion Ratio Lower Upper
105 100
71 68.8 6.5 9.7#
51 15.3 24.3 36.5#
120 0.0 18.1 27.1#





#23

Nitrobenzene-d5

Concen: 69.49 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF123315.D

Acq: 26 Feb 2021 21:58

Tgt Ion: 82 Resp: 703736

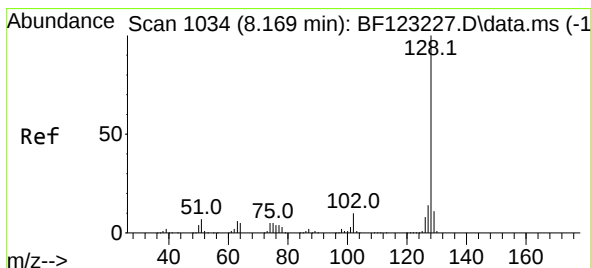
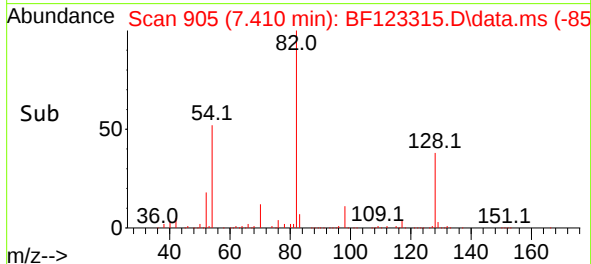
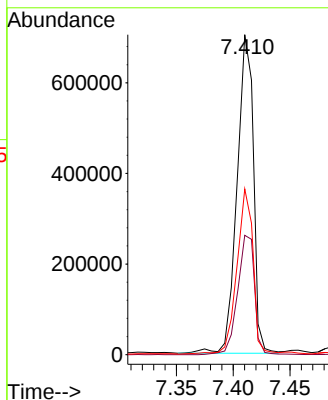
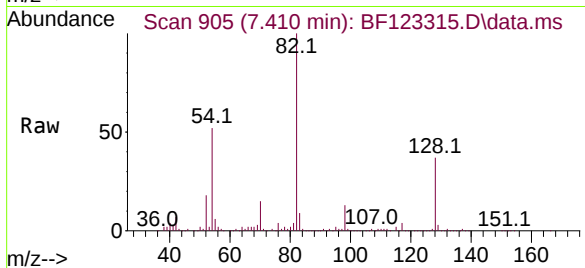
Ion	Ratio	Lower	Upper
82	100		
128	37.3	37.0	55.4
54	51.8	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

SEDGWICK-AVE



#31

Naphthalene

Concen: 16.26 ng

RT: 8.157 min Scan# 1032

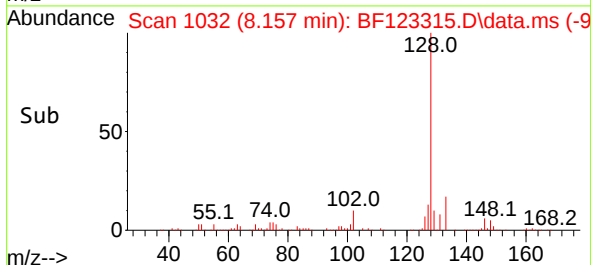
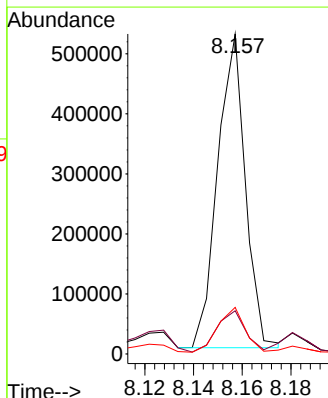
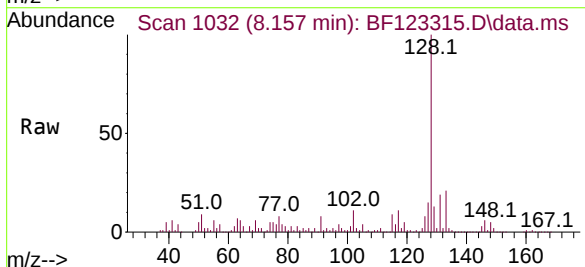
Delta R.T. -0.012 min

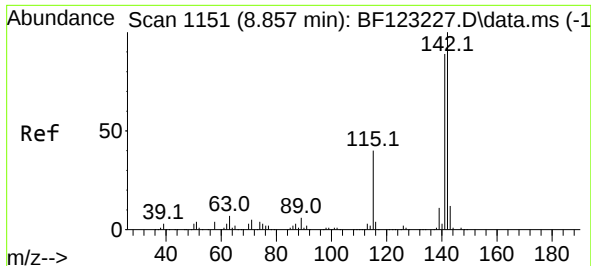
Lab File: BF123315.D

Acq: 26 Feb 2021 21:58

Tgt Ion: 128 Resp: 413102

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.0	13.6
127	14.5	10.7	16.1

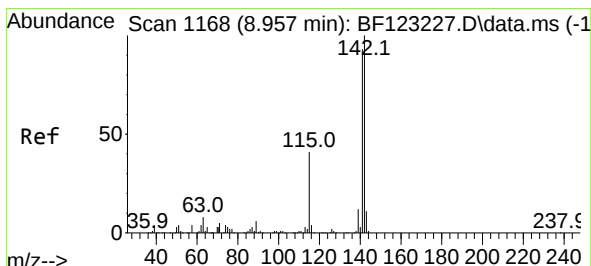
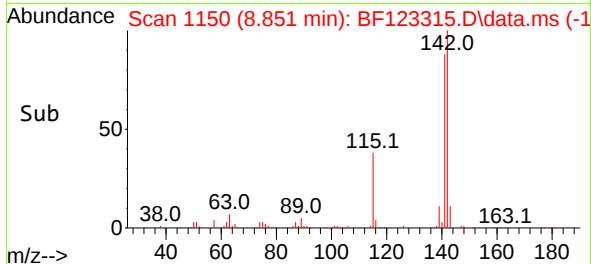
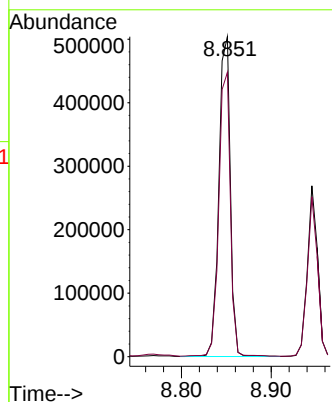
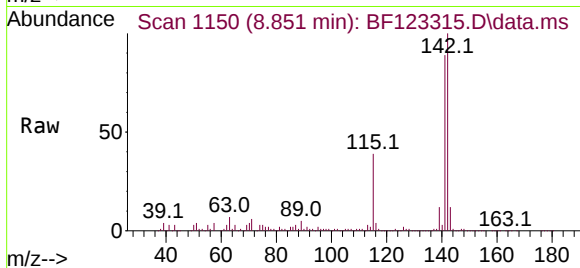




#37
2-Methylnaphthalene
Concen: 26.27 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

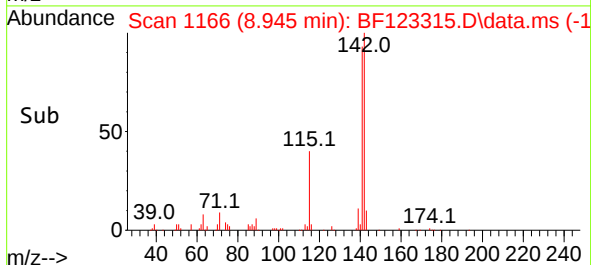
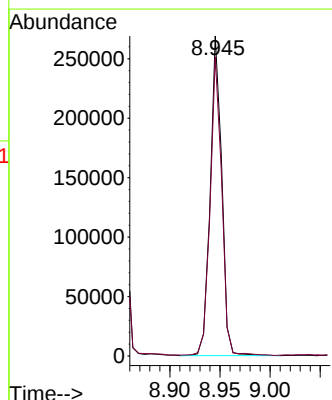
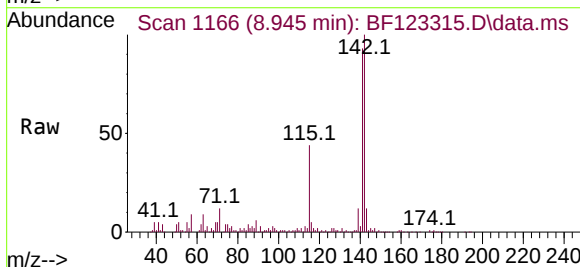
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

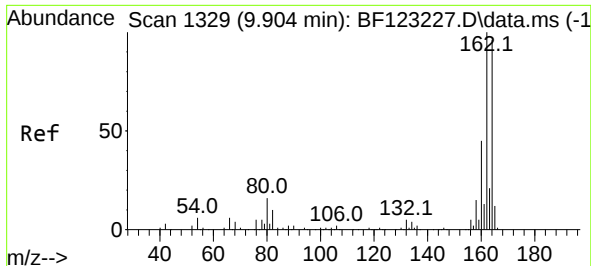
Tgt Ion:142 Resp: 444611
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0



#38
1-Methylnaphthalene
Concen: 13.58 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:142 Resp: 214899
Ion Ratio Lower Upper
142 100
141 93.5 74.5 111.7

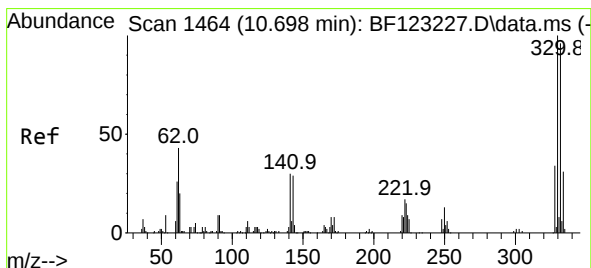
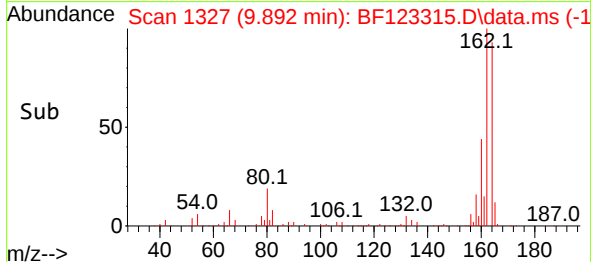
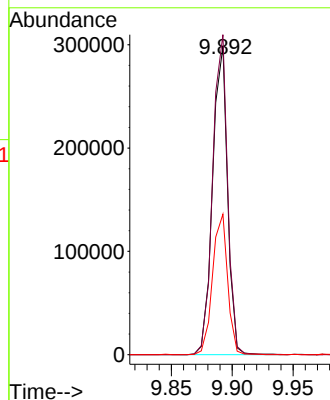
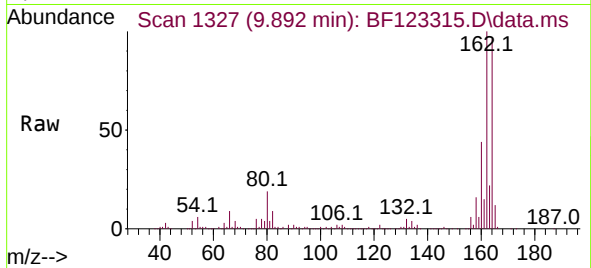




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

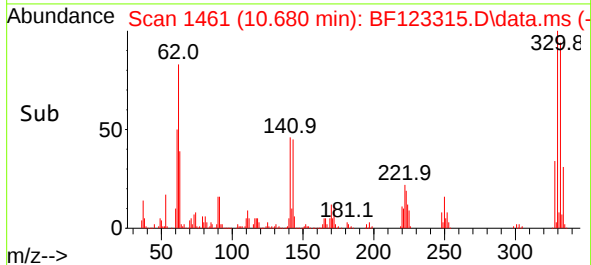
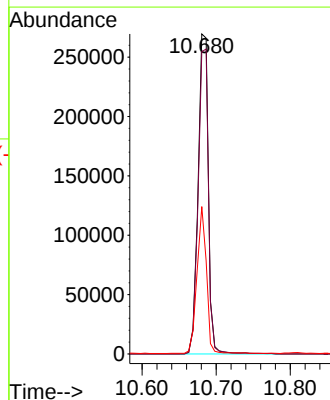
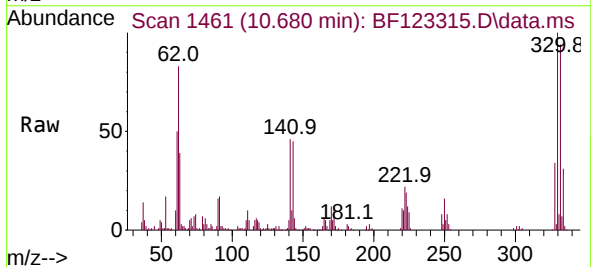
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

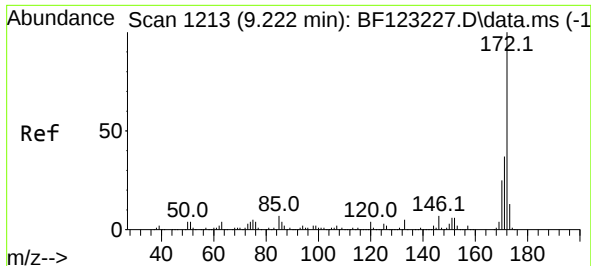
Tgt Ion:164 Resp: 253660
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 45.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 100.45 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:330 Resp: 259464
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 42.0 23.8 35.8#

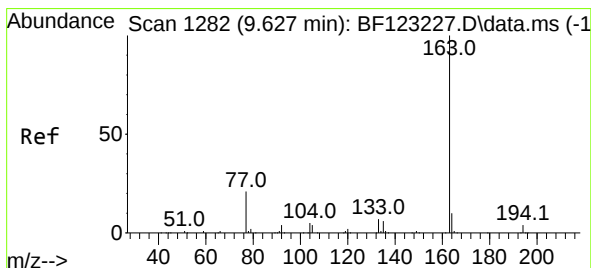
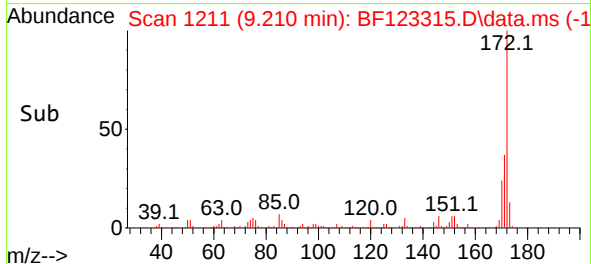
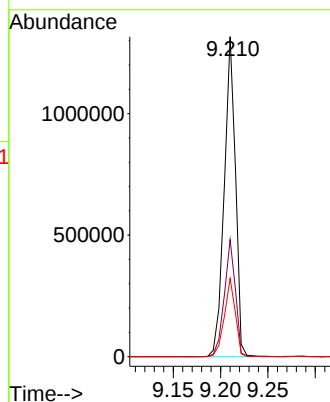
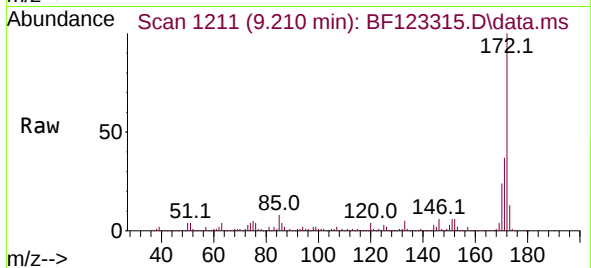




#45
2-Fluorobiphenyl
Concen: 61.80 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

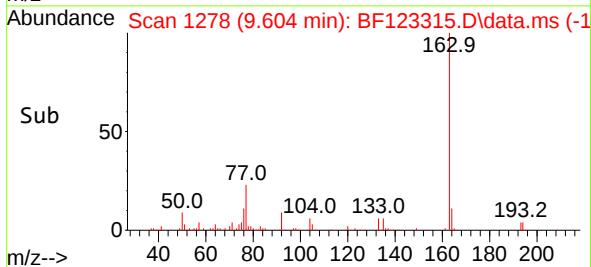
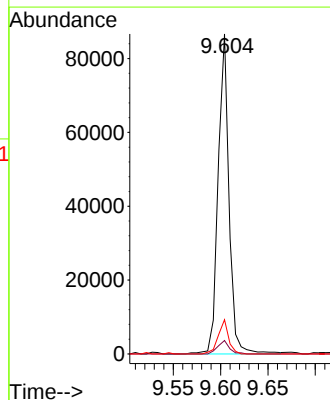
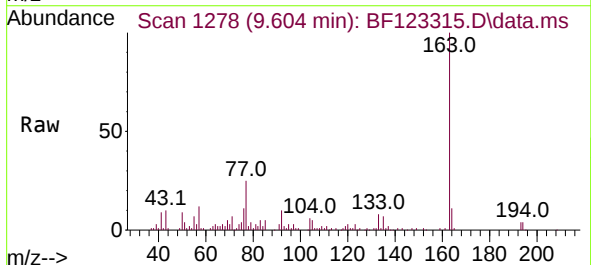
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

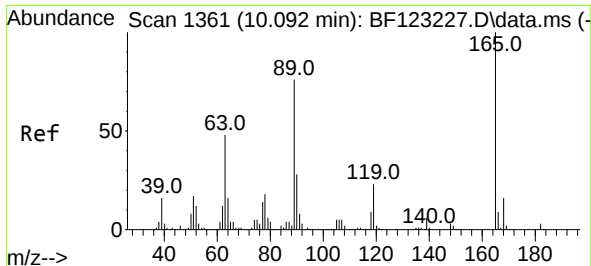
Tgt Ion:172 Resp: 1091331
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.4 19.5 29.3



#50
Dimethylphthalate
Concen: 3.65 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.023 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:163 Resp: 69194
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.7 8.1 12.1

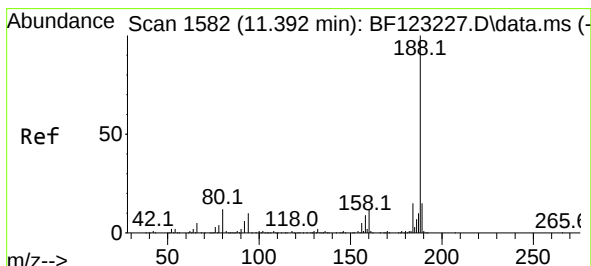
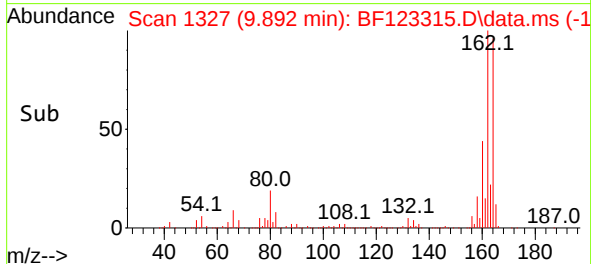
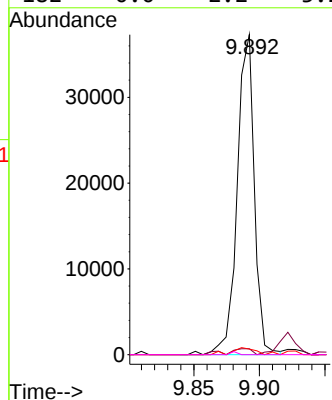
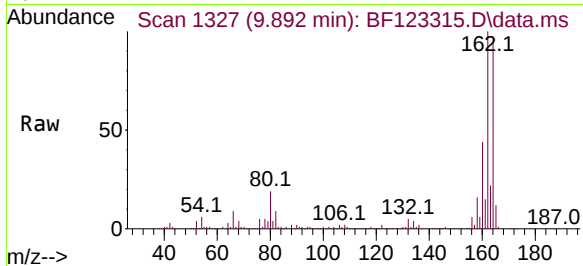




#57
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

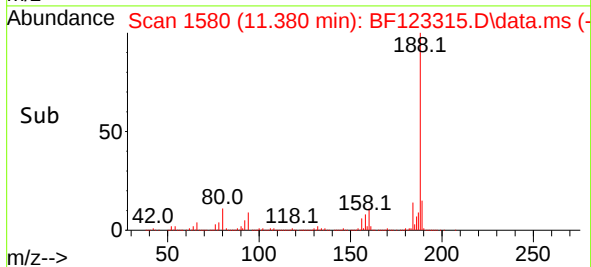
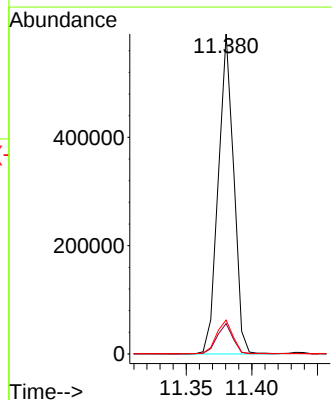
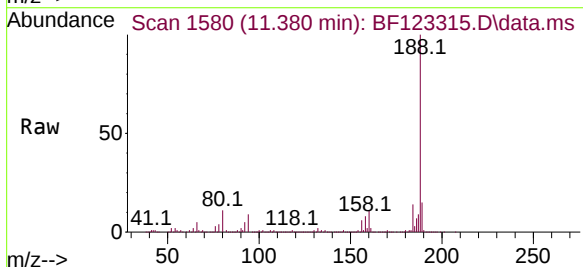
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

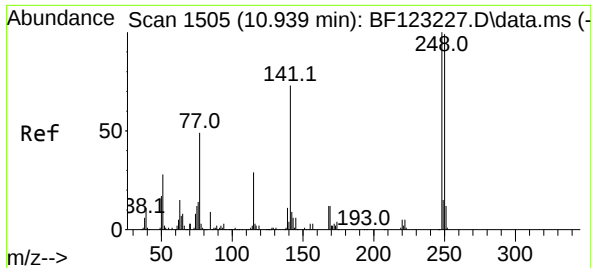
Tgt Ion:	165	Resp:	34030
Ion Ratio	Lower	Upper	
165	100		
63	1.9	34.3	51.5#
89	1.8	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:	188	Resp:	483360
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.4	11.2
80	10.6	8.2	12.4

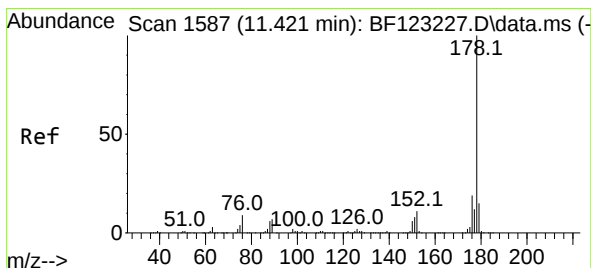
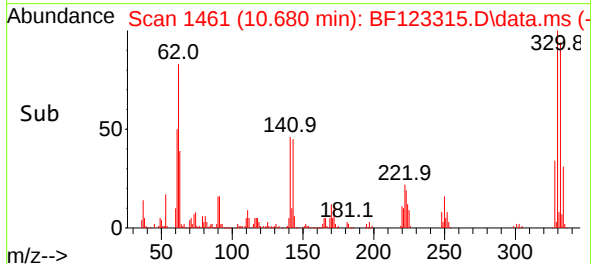
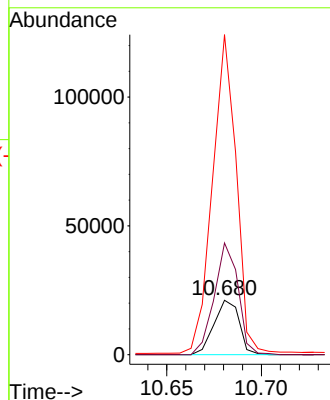
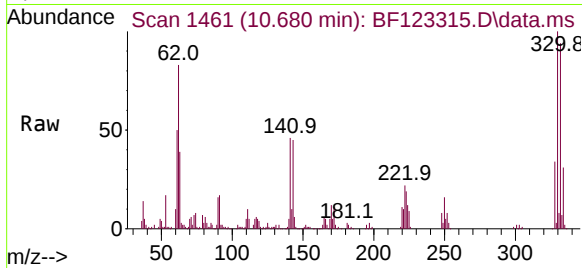




#67
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.259 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

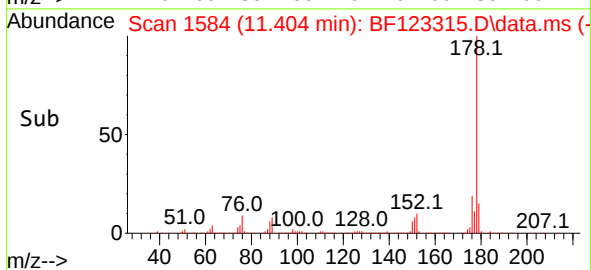
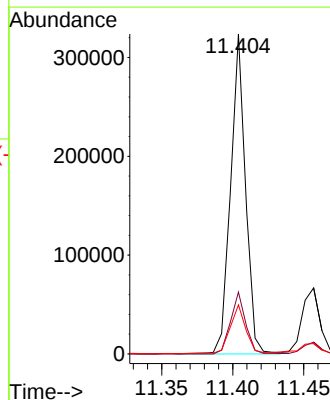
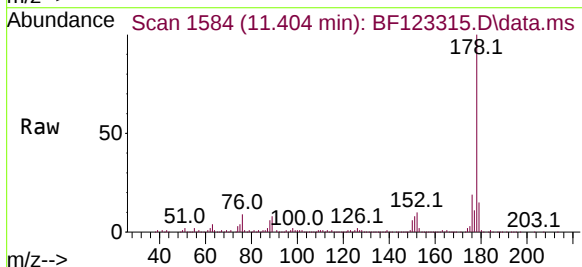
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

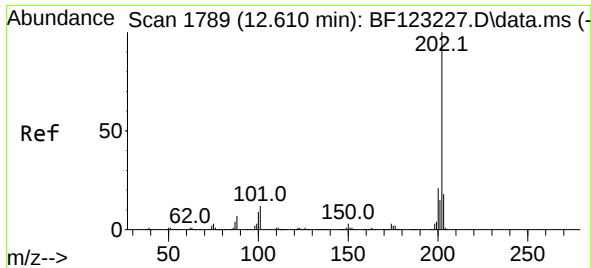
Tgt Ion:248 Resp: 19514
Ion Ratio Lower Upper
248 100
250 205.3 76.8 115.2#
141 588.5 59.8 89.8#



#71
Phenanthrene
Concen: 8.31 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:178 Resp: 237543
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.2
179 15.4 12.7 19.1

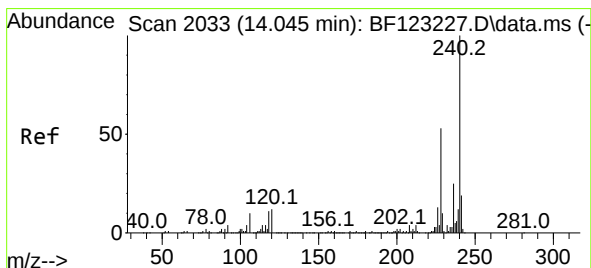
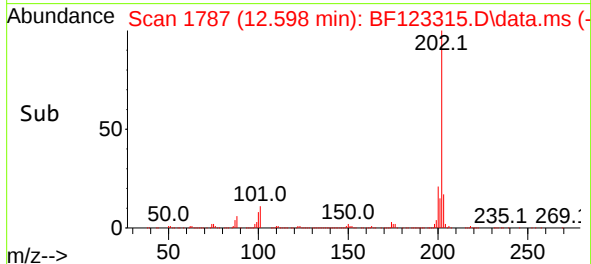
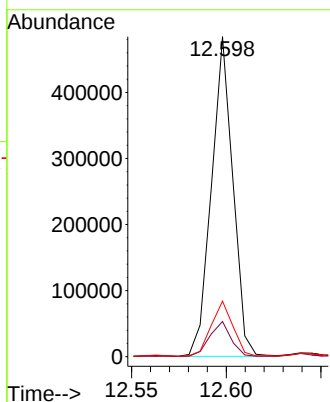
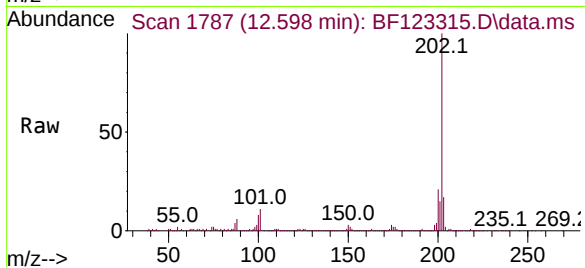




#75
Fluoranthene
Concen: 12.59 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

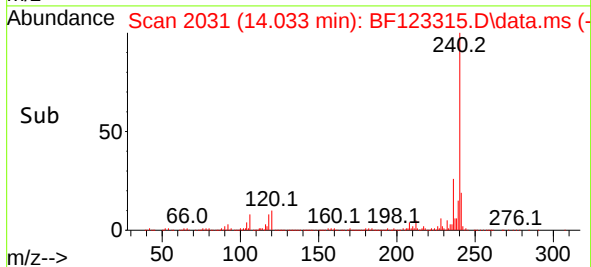
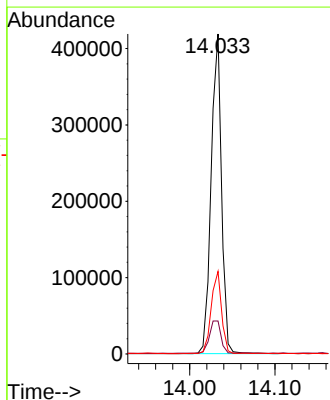
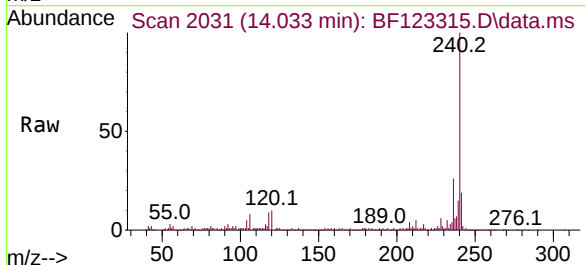
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

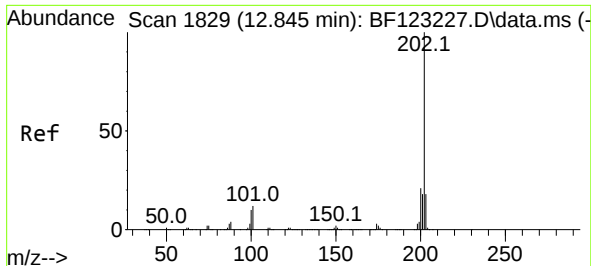
Tgt Ion:	202	Resp:	381488
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	32.2
203	17.4	0.0	38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:	240	Resp:	354887
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.6	12.8
236	25.8	20.3	30.5

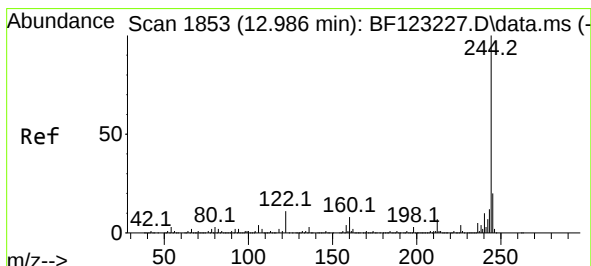
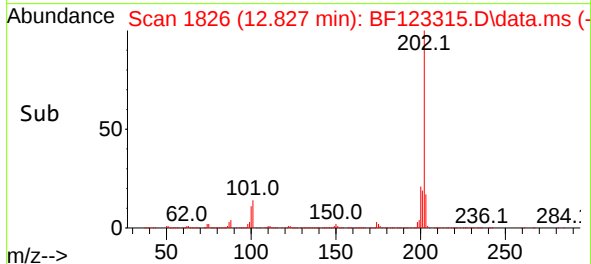
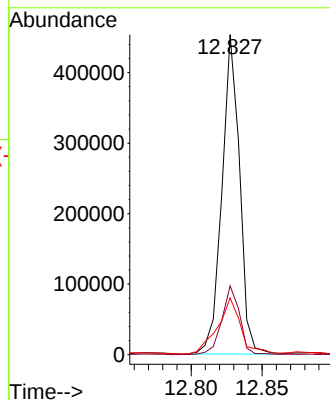
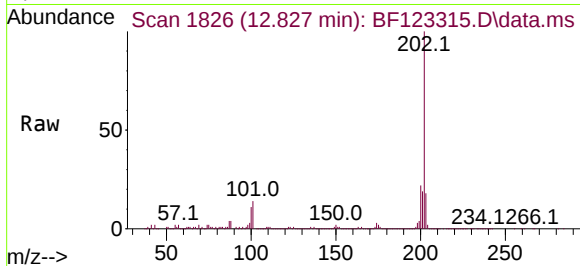




#78
Pyrene
Concen: 14.12 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

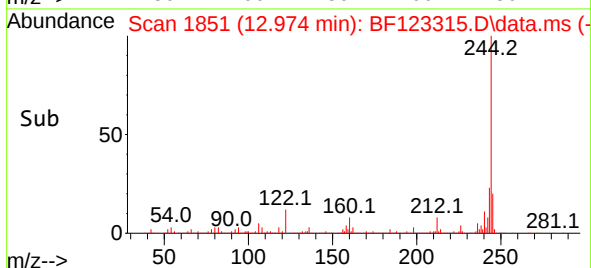
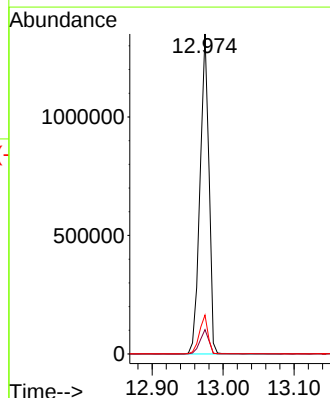
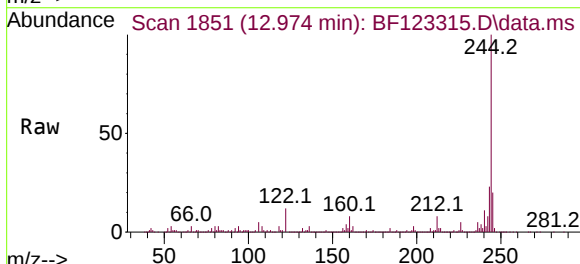
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

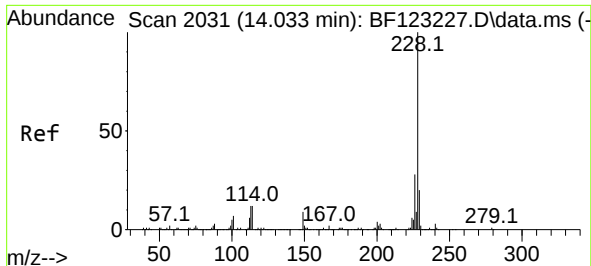
Tgt Ion:	202	Resp:	391092
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	17.7	14.6	21.8



#79
Terphenyl-d14
Concen: 63.99 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:	244	Resp:	1180970
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.7	8.5
122	12.1	8.3	12.5

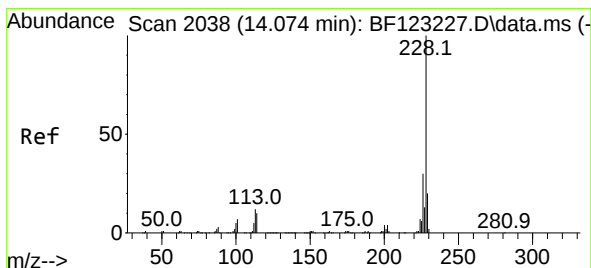
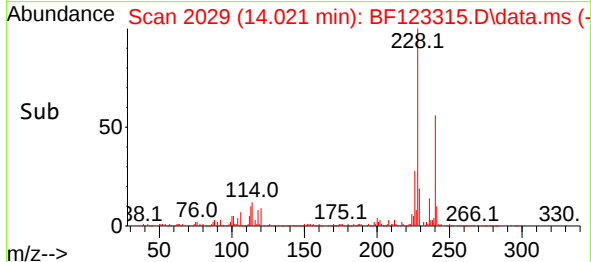
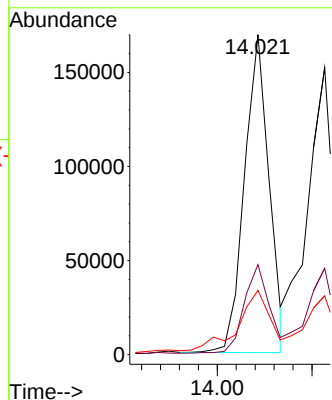
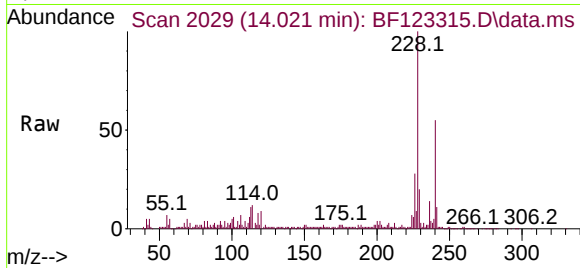




#81
Benzo(a)anthracene
Concen: 6.33 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

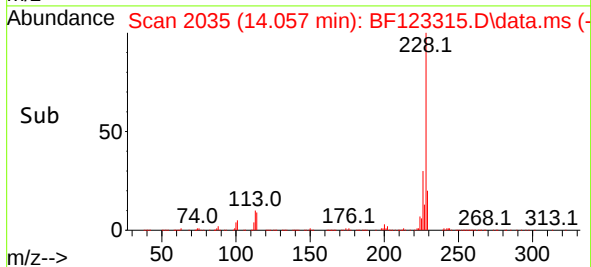
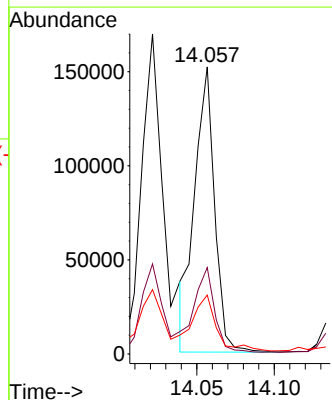
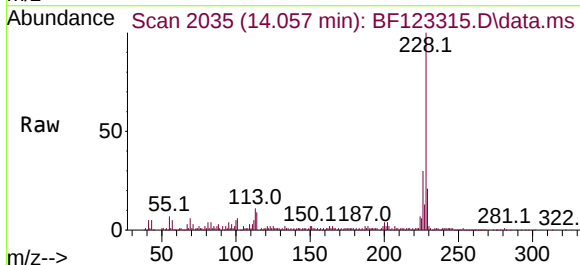
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

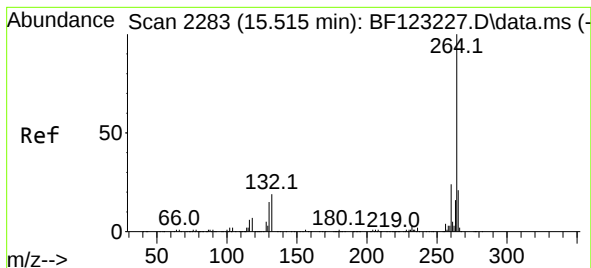
Tgt Ion:228 Resp: 152599
Ion Ratio Lower Upper
228 100
226 28.1 23.0 34.4
229 20.1 16.6 24.8



#83
Chrysene
Concen: 5.72 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:228 Resp: 135489
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 20.5 15.8 23.6

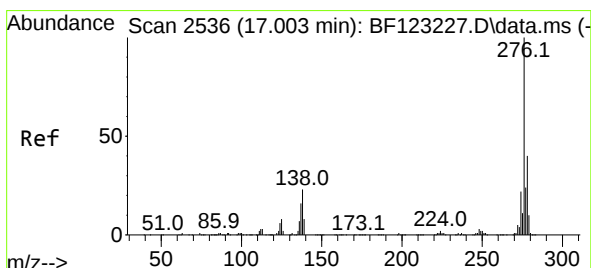
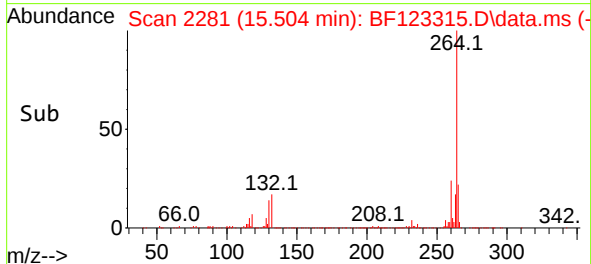
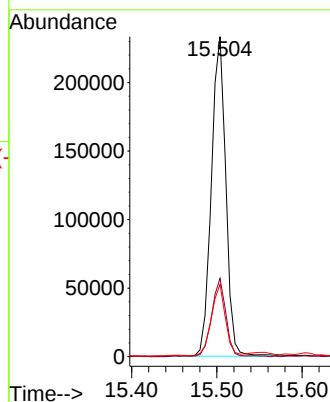
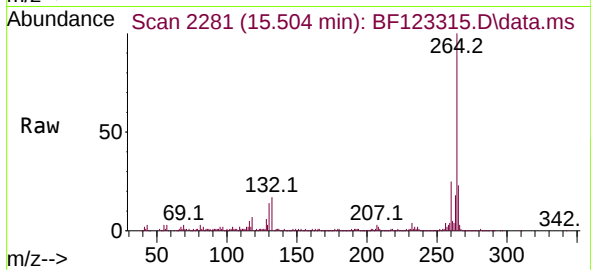




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

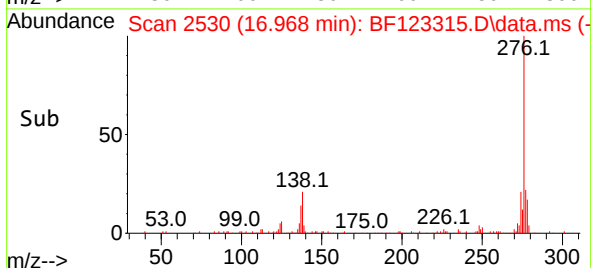
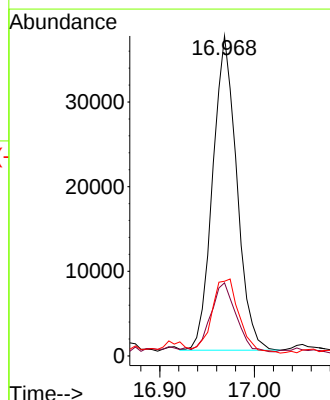
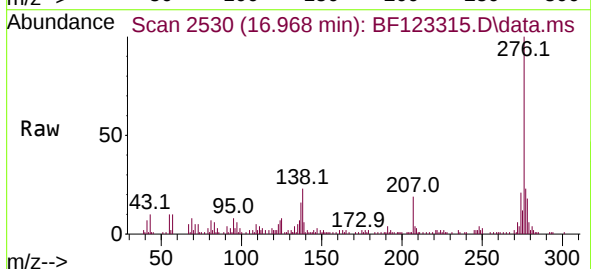
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

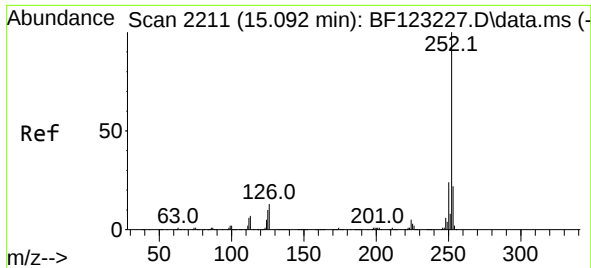
Tgt Ion:264 Resp: 275048
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.6 17.0 25.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.45 ng
RT: 16.968 min Scan# 2530
Delta R.T. -0.035 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:276 Resp: 65583
Ion Ratio Lower Upper
276 100
138 22.8 18.7 28.1
277 26.8 20.2 30.4

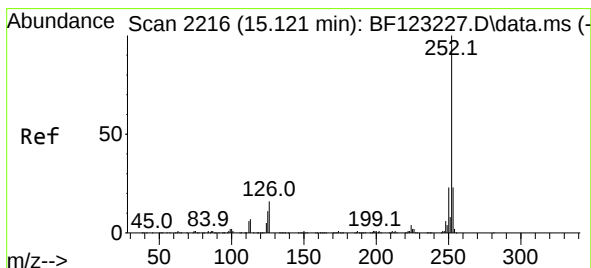
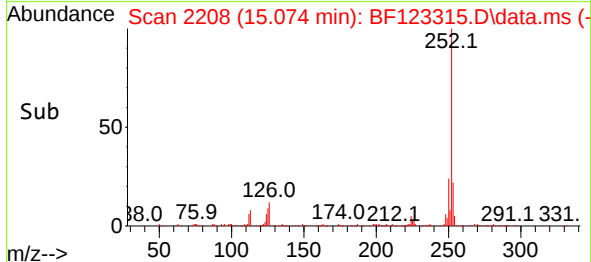
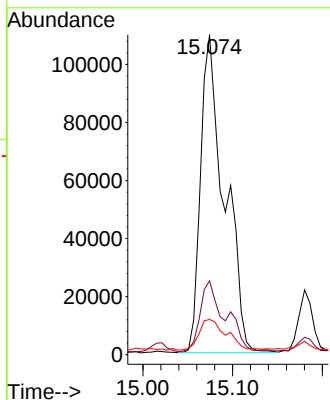
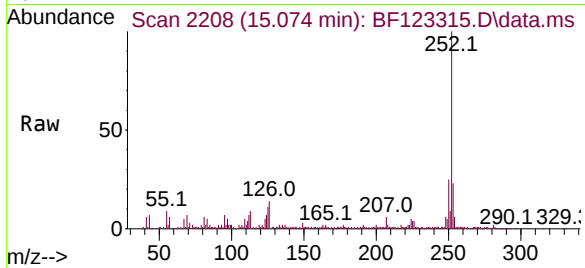




#88
Benzo(b)fluoranthene
Concen: 10.48 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

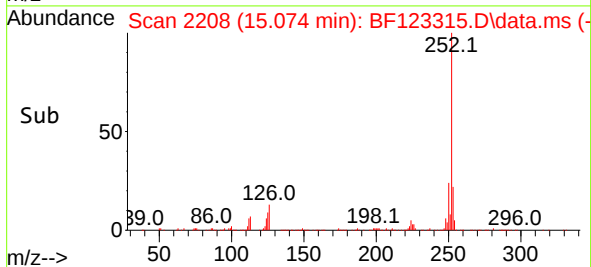
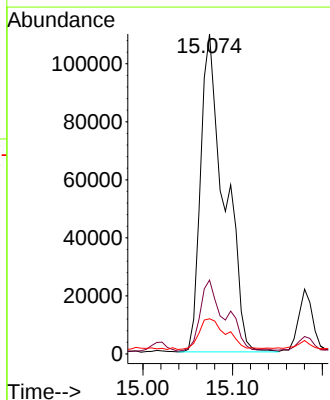
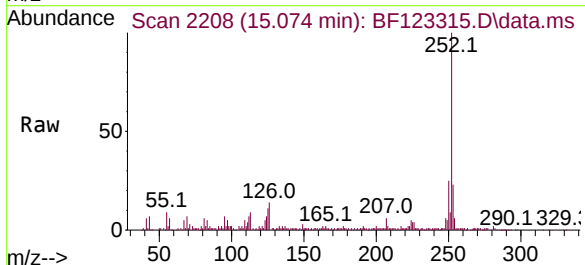
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

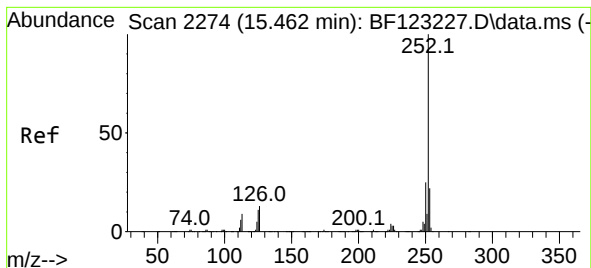
Tgt Ion:252 Resp: 202379
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 11.0 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 11.56 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.047 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:252 Resp: 202379
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.0 8.4 12.6

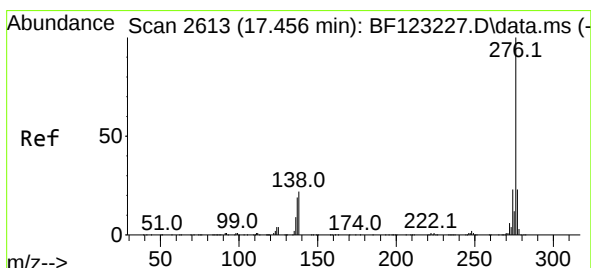
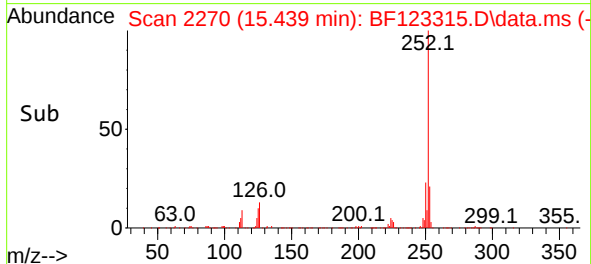
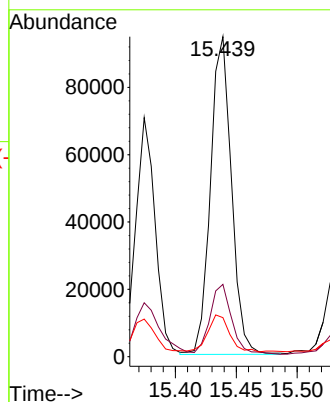
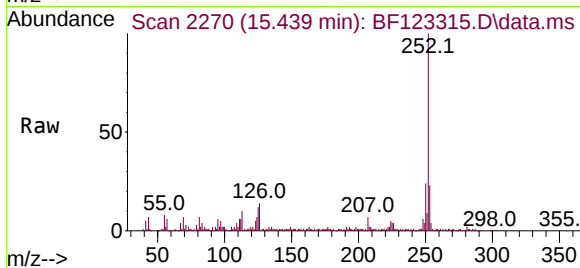




#90
Benzo(a)pyrene
Concen: 6.57 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.023 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-AVE

Tgt Ion:252 Resp: 113179
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 12.2 8.6 12.8



#92
Benzo(g,h,i)perylene
Concen: 4.94 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.041 min
Lab File: BF123315.D
Acq: 26 Feb 2021 21:58

Tgt Ion:276 Resp: 74212
Ion Ratio Lower Upper
276 100
277 21.5 19.3 28.9
138 20.3 16.6 24.8

