

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124883.D
 Acq On : 30 Jul 2021 18:59
 Operator : JU/CG
 Sample : M3238-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 282

Quant Time: Jul 31 00:07:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

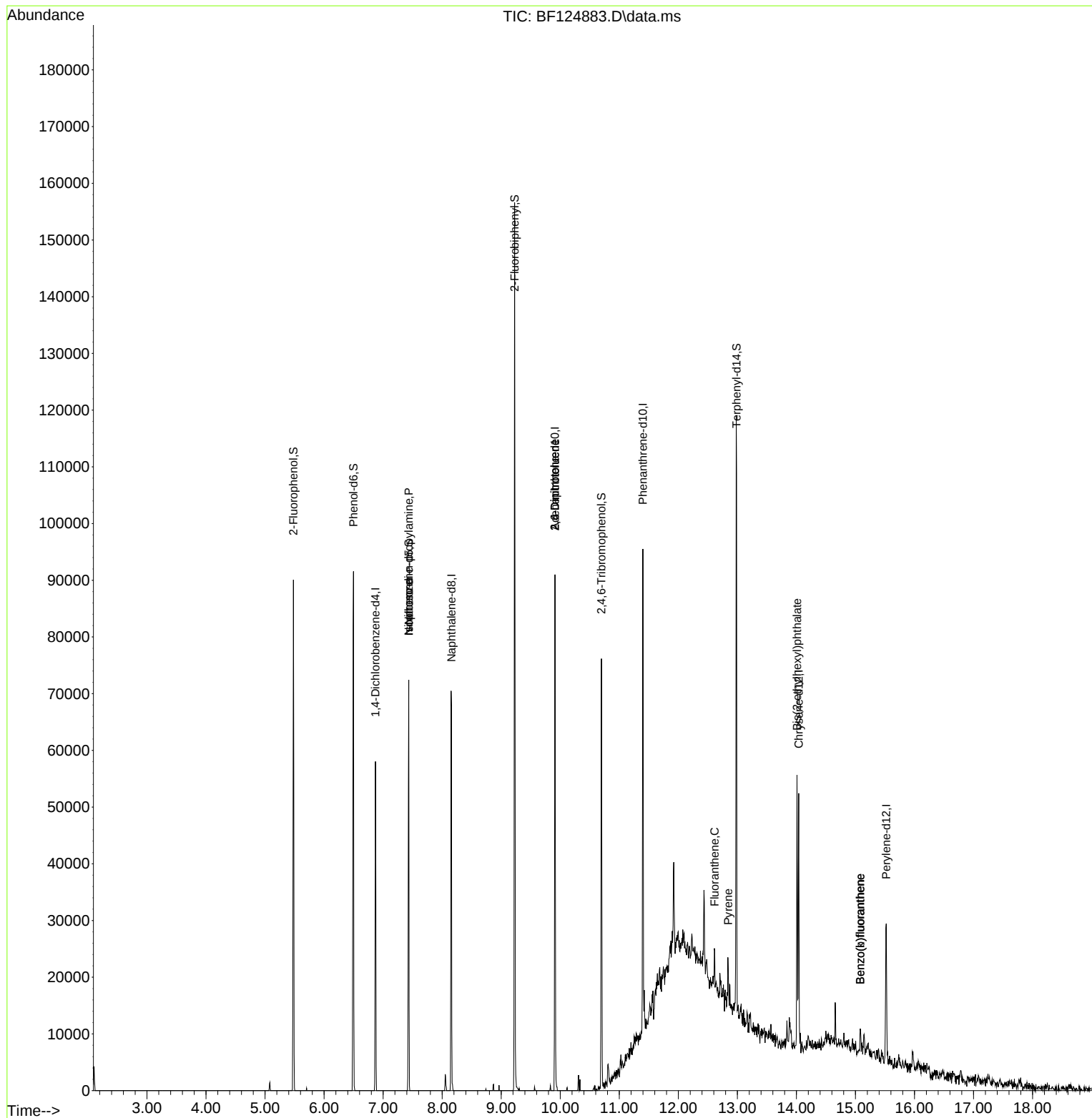
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7745	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	32427	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	18189	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	28646	20.00	ng	0.00
76) Chrysene-d12	14.039	240	14442	20.00	ng	0.00
86) Perylene-d12	15.521	264	12778	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	22883	50.03	ng	0.00
7) Phenol-d6	6.498	99	28430	49.58	ng	0.00
23) Nitrobenzene-d5	7.433	82	19984	36.68	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	8090	51.80	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	43582	35.19	ng	0.00
79) Terphenyl-d14	12.986	244	33049	39.23	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	2614	8.54	ng	# 59
25) Isophorone	7.433	82	19983	20.74	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	2406	8.70	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	2406	6.41	ng	# 18
75) Fluoranthene	12.615	202	3400	2.16	ng	83
78) Pyrene	12.845	202	3333	2.92	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.009	149	12126	15.03	ng	99
88) Benzo(b)fluoranthene	15.080	252	3653	4.06	ng	# 69
89) Benzo(k)fluoranthene	15.080	252	3653	4.44	ng	# 70

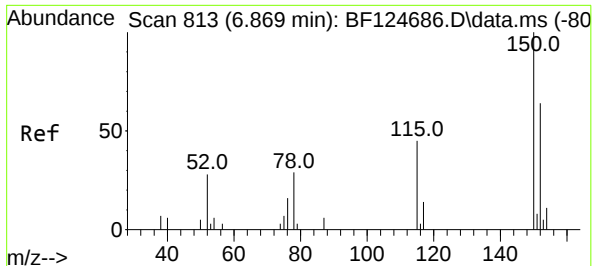
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
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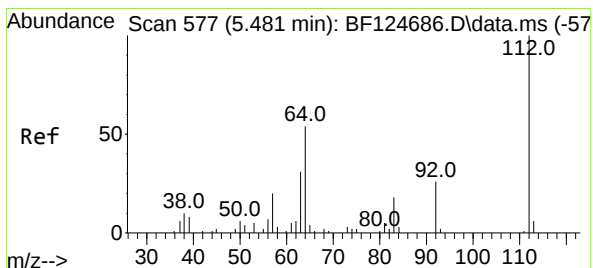
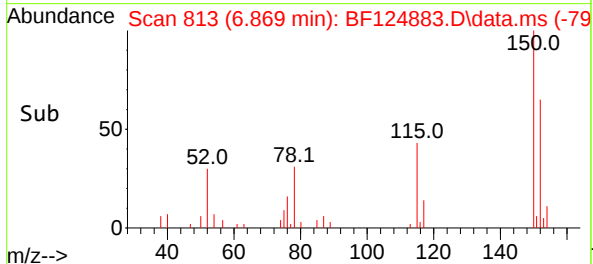
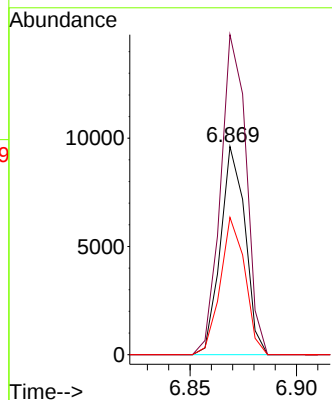
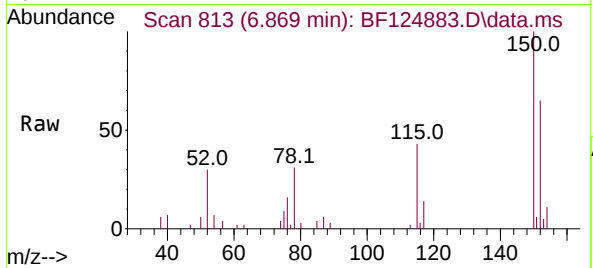




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

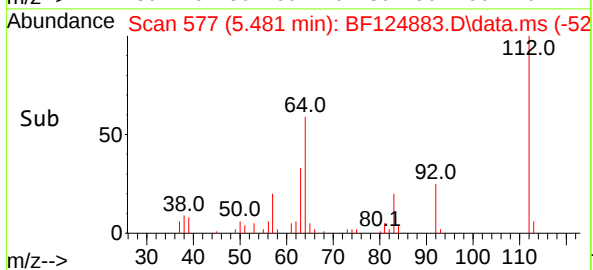
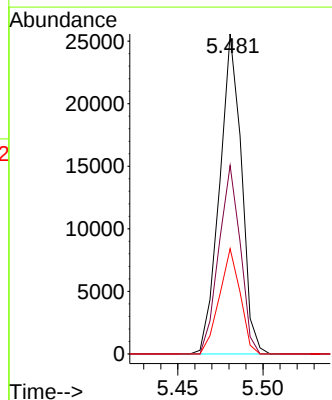
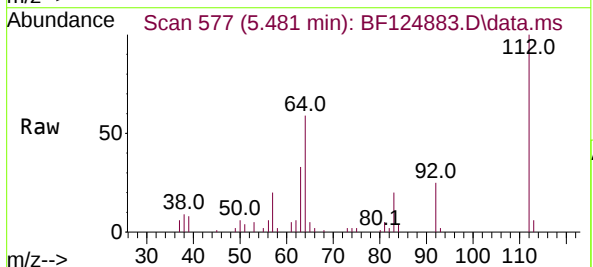
Instrument :
BNA_F
ClientSampleId :
282

Tgt Ion:152 Resp: 7745
Ion Ratio Lower Upper
152 100
150 153.7 117.6 176.4
115 65.9 47.1 70.7



#5
2-Fluorophenol
Concen: 50.03 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Tgt Ion:112 Resp: 22883
Ion Ratio Lower Upper
112 100
64 58.9 44.2 66.2
63 32.9 26.2 39.2

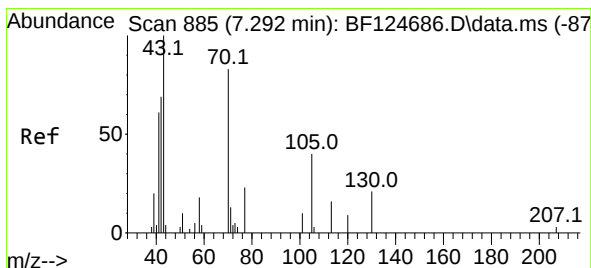
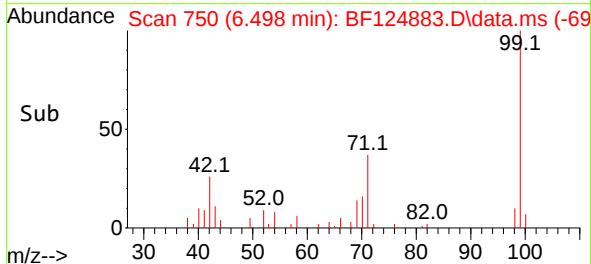
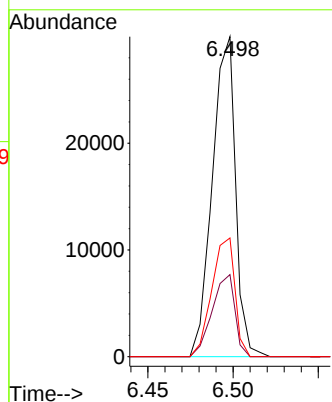
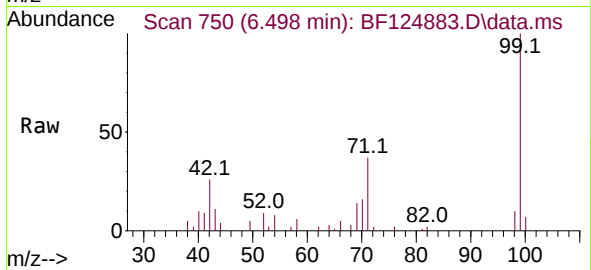




#7
Phenol-d6
Concen: 49.58 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

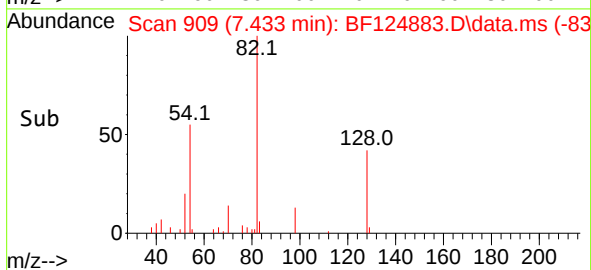
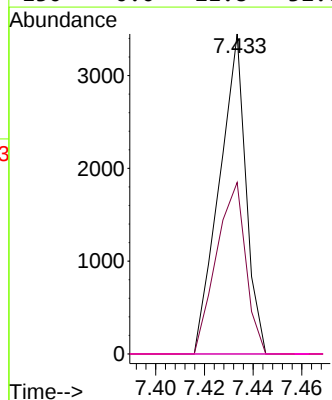
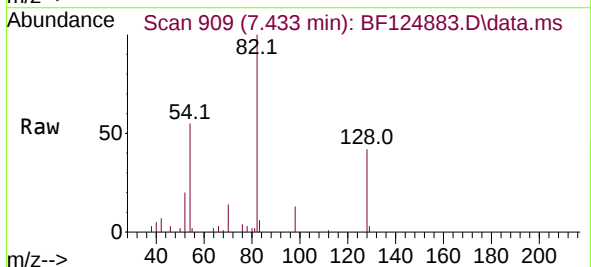
Instrument :
BNA_F
ClientSampled :
282

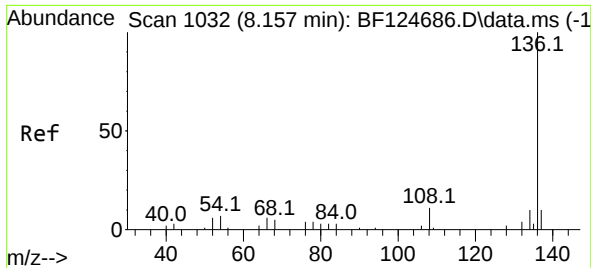
Tgt Ion:	99	Resp:	28430
Ion	Ratio	Lower	Upper
99	100		
42	25.7	23.5	35.3
71	37.1	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.54 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Tgt Ion:	70	Resp:	2614
Ion	Ratio	Lower	Upper
70	100		
42	53.6	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

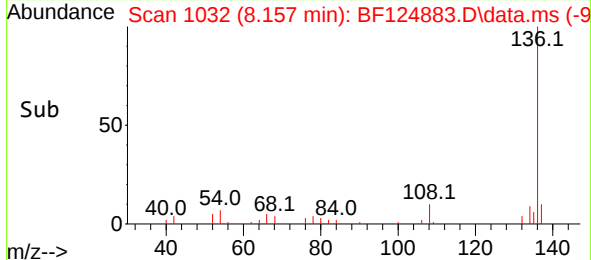
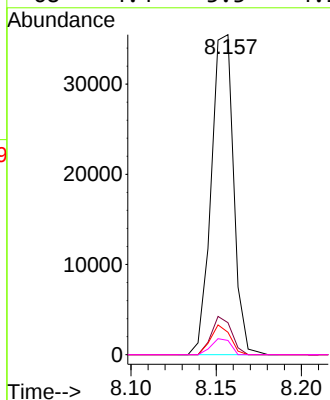
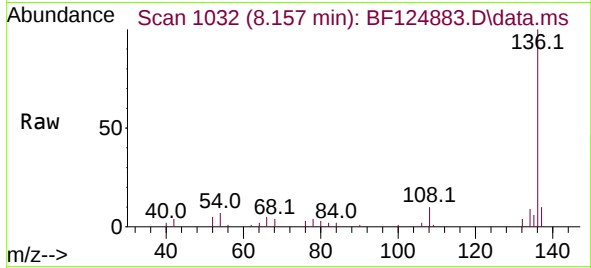




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

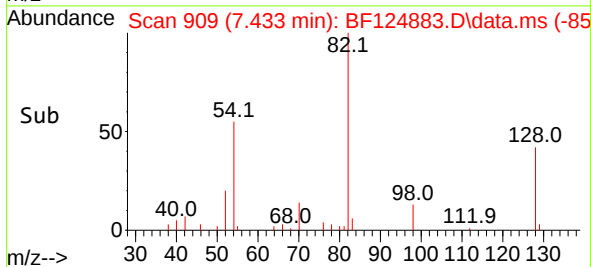
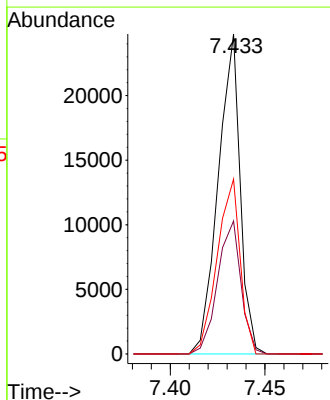
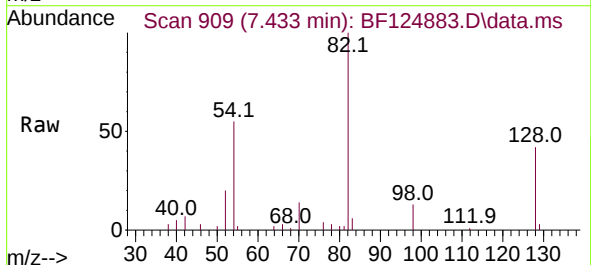
Instrument :
BNA_F
ClientSampled :
282

Tgt Ion:	136	Resp:	32427
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.8	14.6
54	7.0	6.4	9.6
68	4.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 36.68 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Tgt Ion:	82	Resp:	19984
Ion	Ratio	Lower	Upper
82	100		
128	41.5	40.6	60.8
54	54.6	49.6	74.4

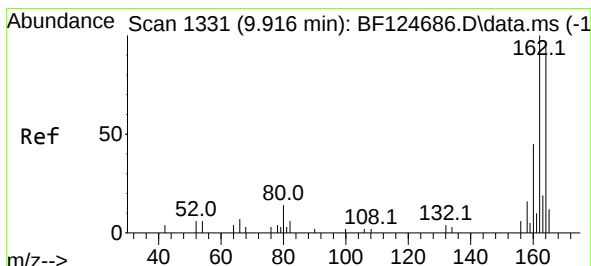
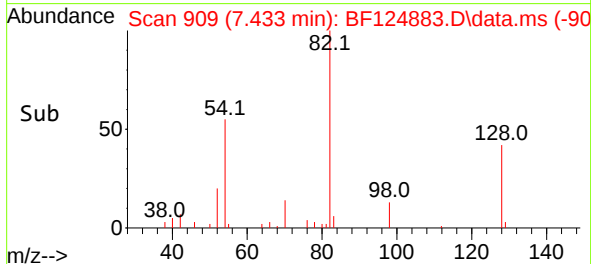
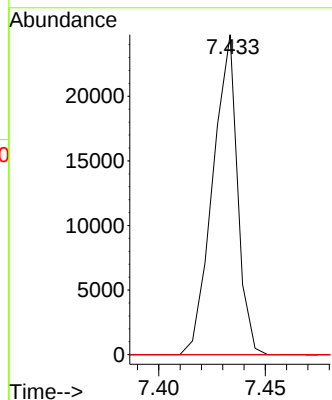
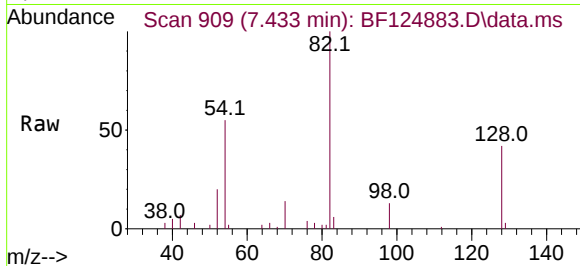




#25
Isophorone
Concen: 20.74 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

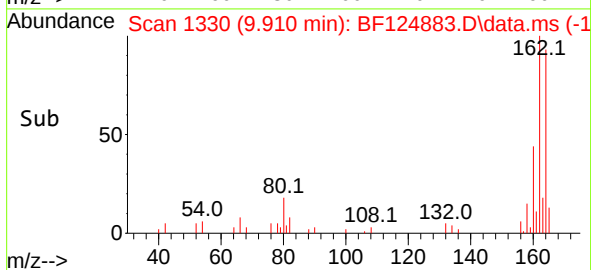
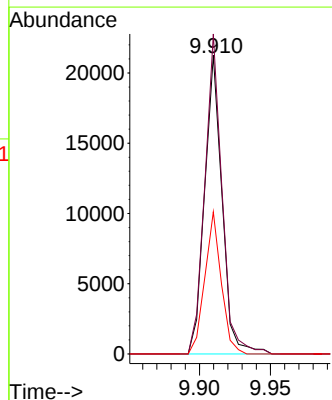
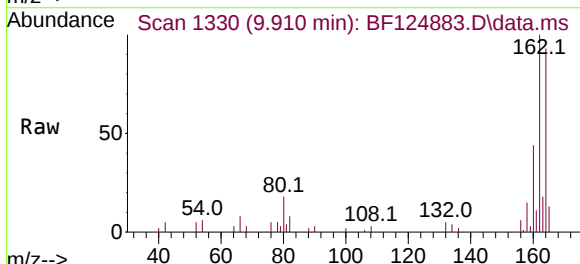
Instrument :
BNA_F
ClientSampleId :
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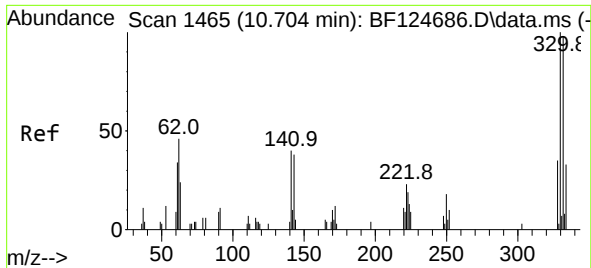
Tgt Ion: 82 Resp: 19983
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Tgt Ion: 164 Resp: 18189
Ion Ratio Lower Upper
164 100
162 107.1 81.3 121.9
160 47.5 38.0 57.0

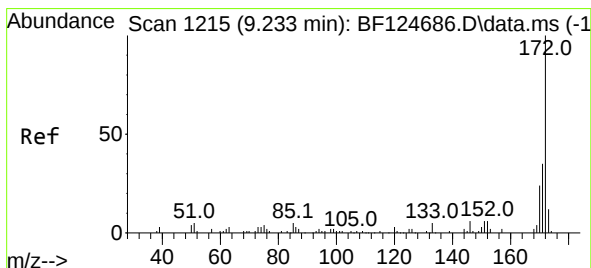
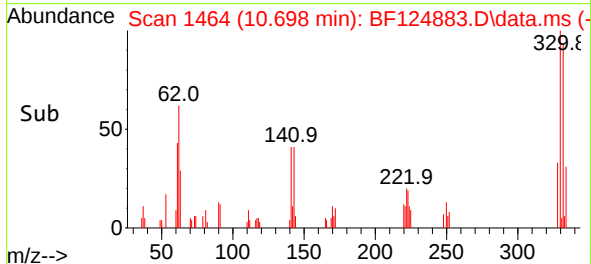
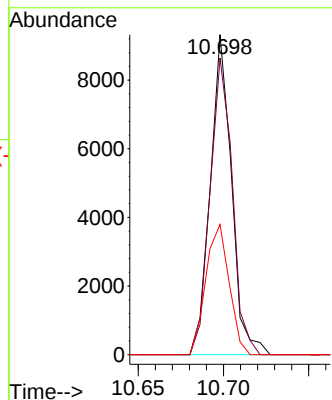
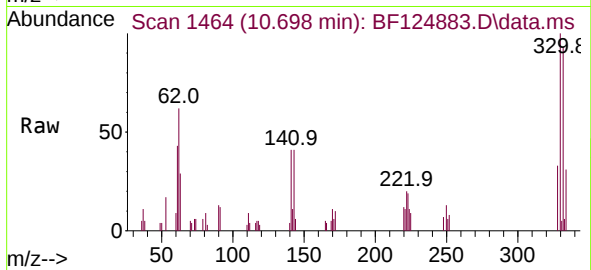




#42
2,4,6-Tribromophenol
Concen: 51.80 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

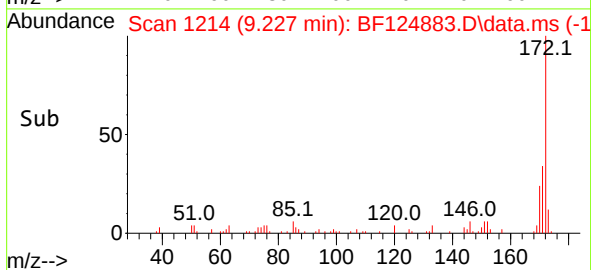
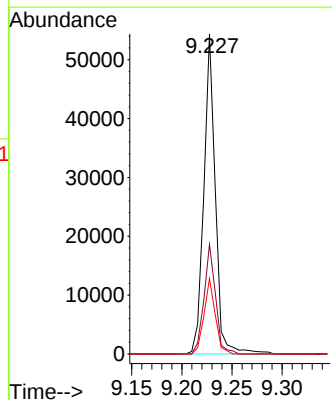
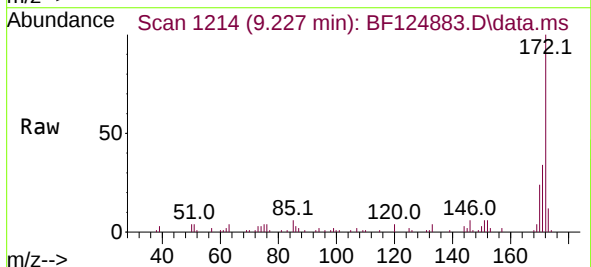
Instrument :
BNA_F
ClientSampled :
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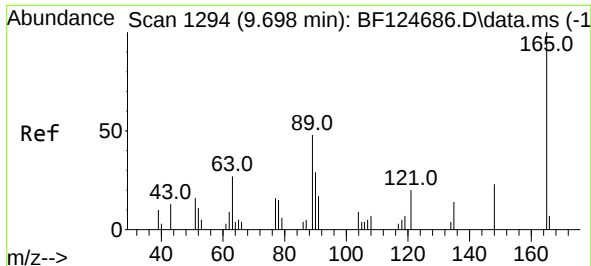
Tgt Ion: 330 Resp: 8090
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 44.6 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 35.19 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Tgt Ion: 172 Resp: 43582
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.6 18.8 28.2

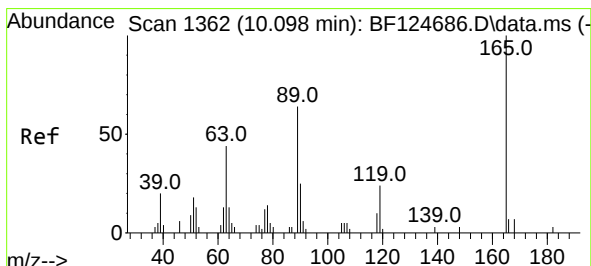
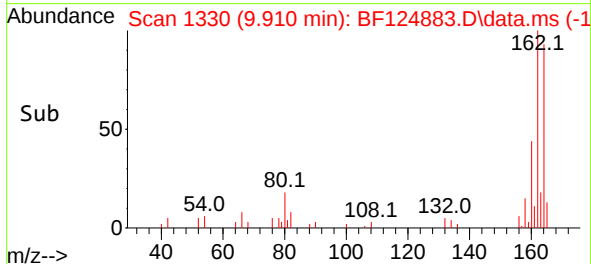
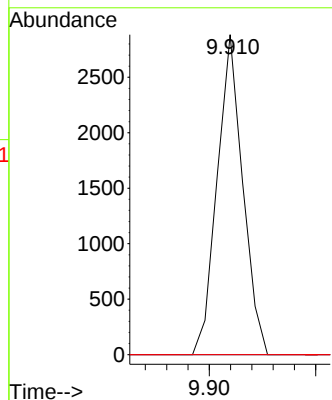
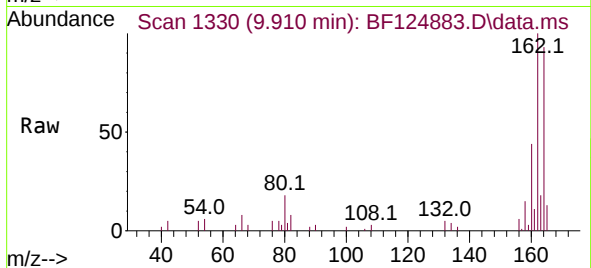




#51
2,6-Dinitrotoluene
Concen: 8.70 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

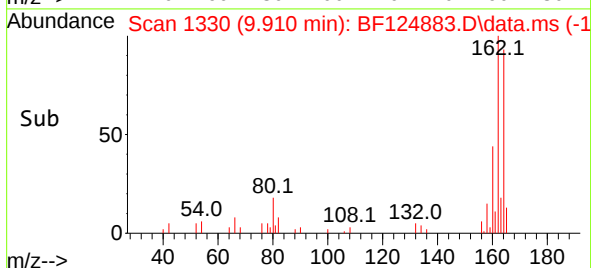
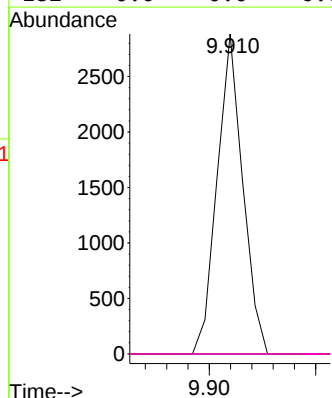
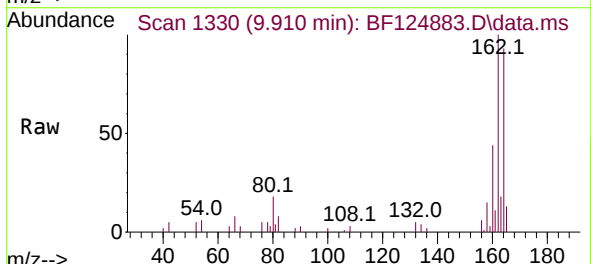
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BNA_F
ClientSampled :
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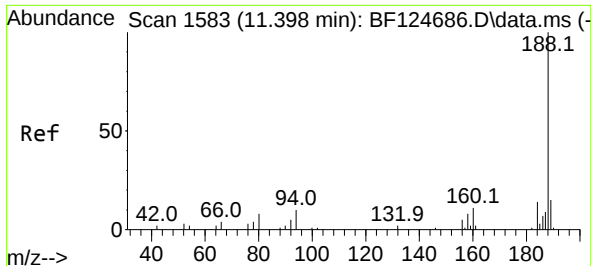
Tgt Ion:165 Resp: 2406
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Tgt Ion:165 Resp: 2406
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

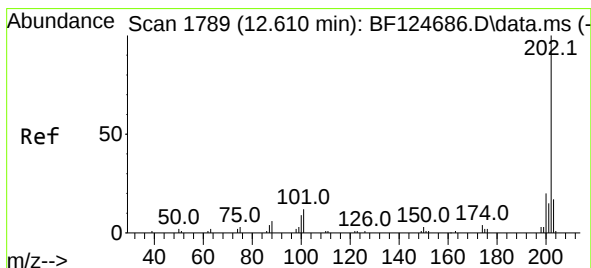
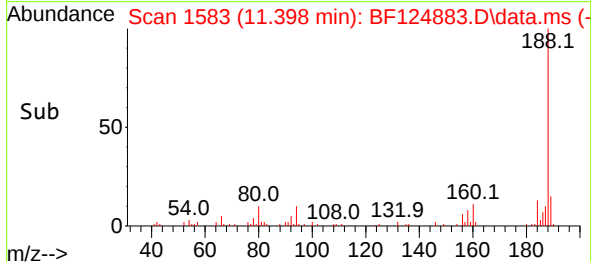
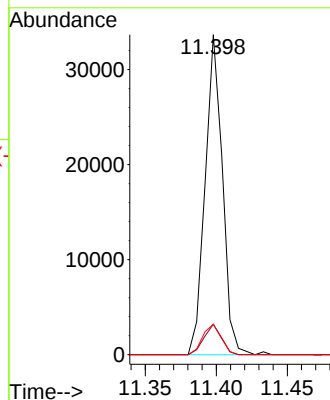
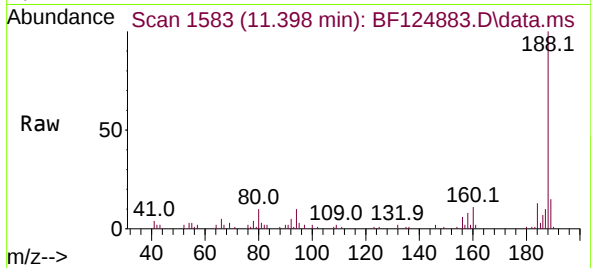




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

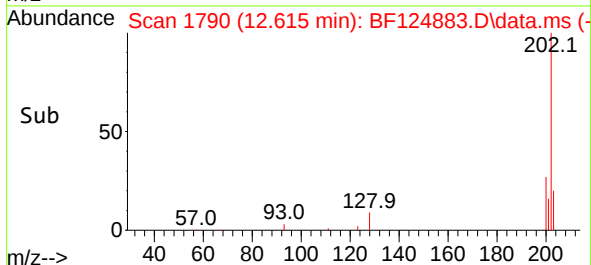
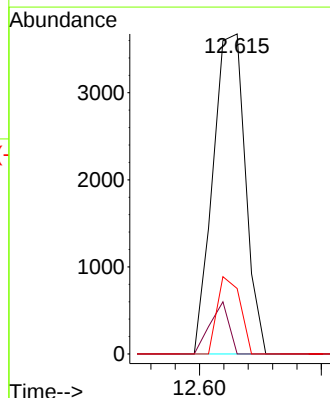
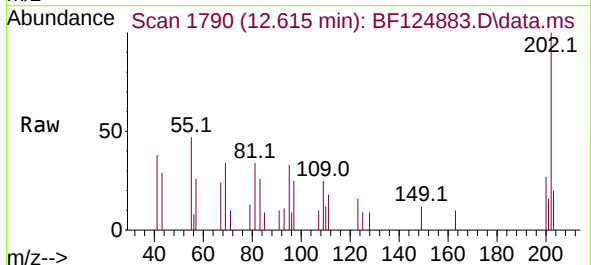
Instrument :
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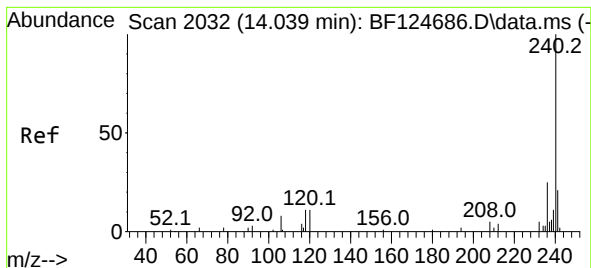
Tgt Ion:188	Resp:	28646
Ion Ratio	Lower	Upper
188	100	
94	9.5	6.7 10.1
80	9.5	7.5 11.3



#75
Fluoranthene
Concen: 2.16 ng
RT: 12.615 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Tgt Ion:202	Resp:	3400
Ion Ratio	Lower	Upper
202	100	
101	0.0	0.0 30.7
203	20.5	0.0 36.3

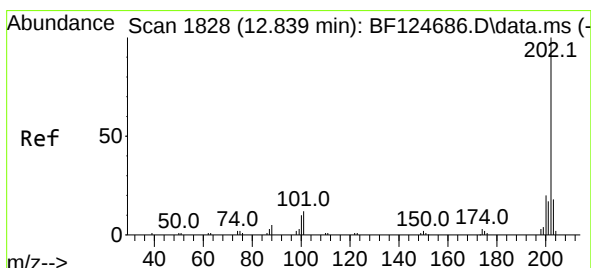
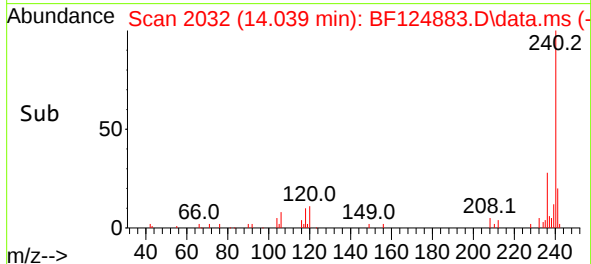
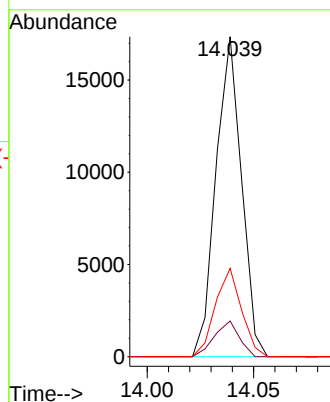
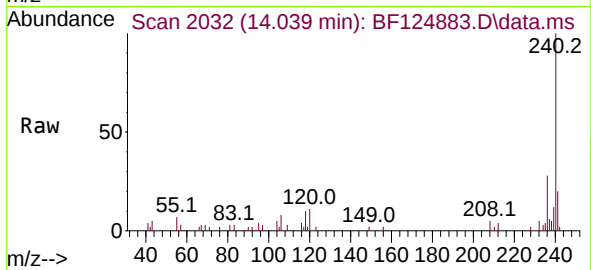




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

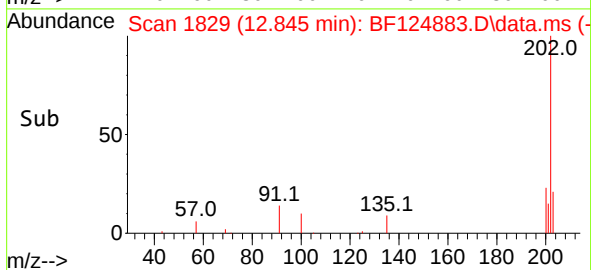
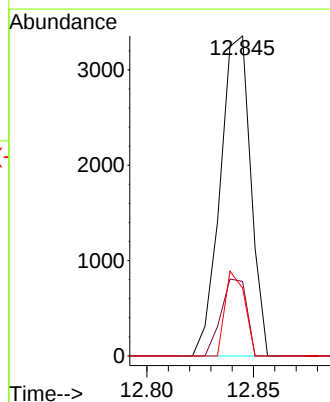
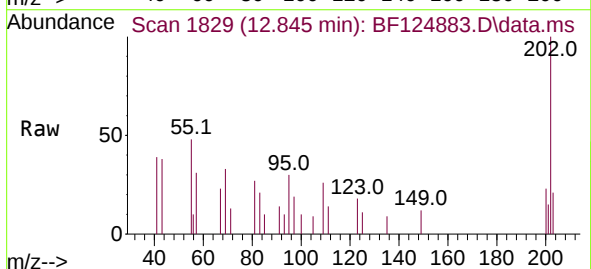
Instrument :
BNA_F
ClientSampleId :
282

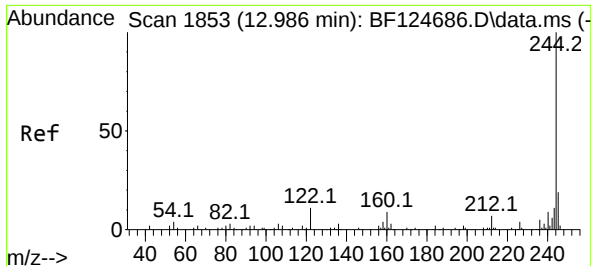
Tgt Ion:240 Resp: 14442
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 27.6 21.6 32.4



#78
Pyrene
Concen: 2.92 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Tgt Ion:202 Resp: 3333
Ion Ratio Lower Upper
202 100
200 23.3 15.3 22.9#
203 21.2 13.4 20.0#

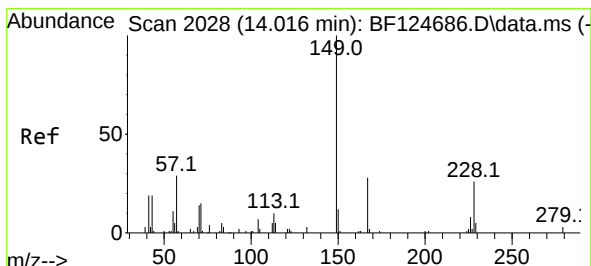
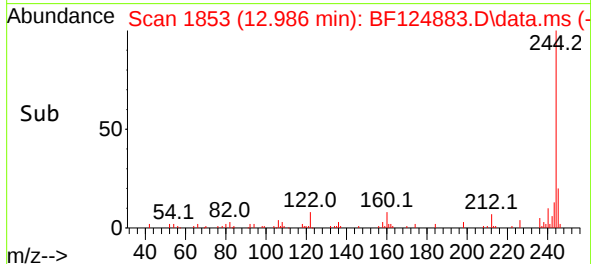
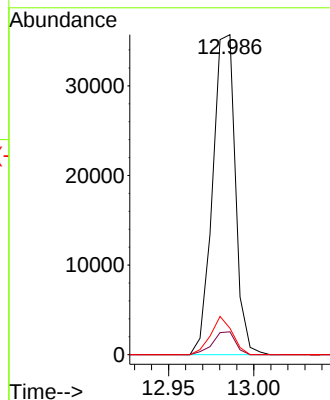
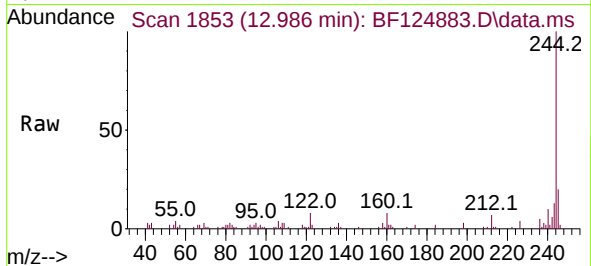




#79
 Terphenyl-d14
 Concen: 39.23 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124883.D
 Acq: 30 Jul 2021 18:59

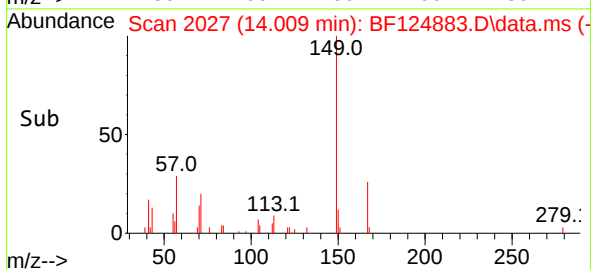
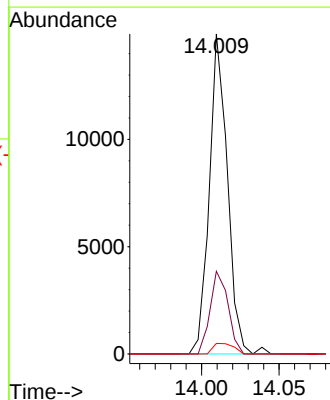
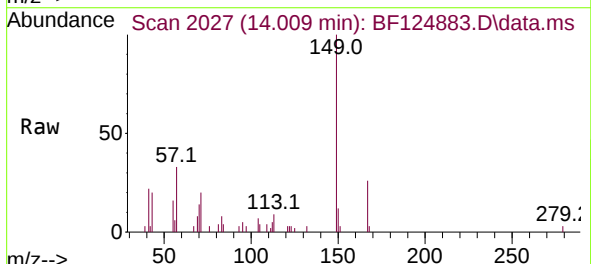
Instrument :
 BNA_F
 ClientSampled :
 282

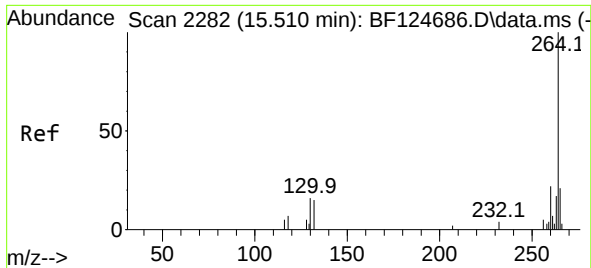
Tgt Ion:244 Resp: 33049
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.3 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 15.03 ng
 RT: 14.009 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF124883.D
 Acq: 30 Jul 2021 18:59

Tgt Ion:149 Resp: 12126
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.4 32.0
 279 3.3 2.6 4.0

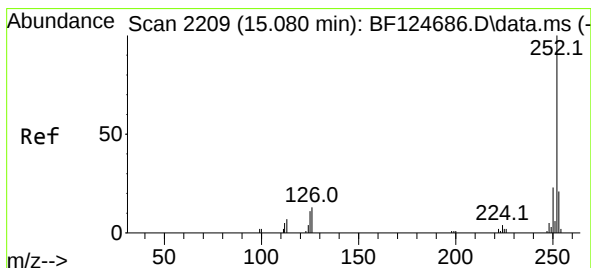
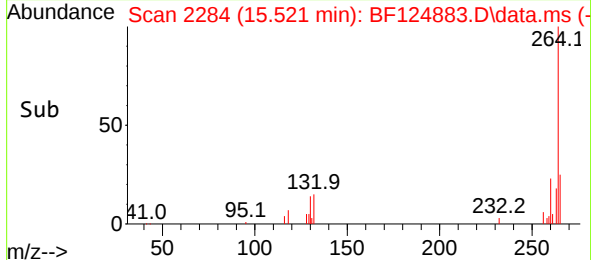
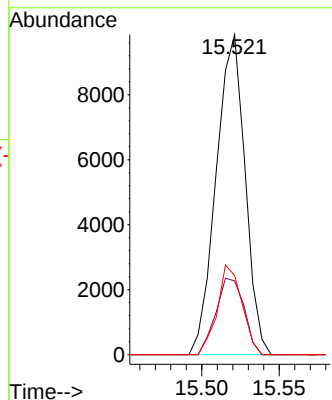
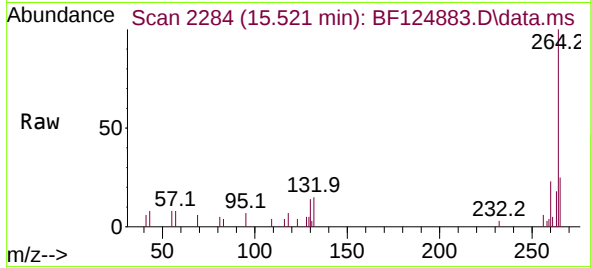




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

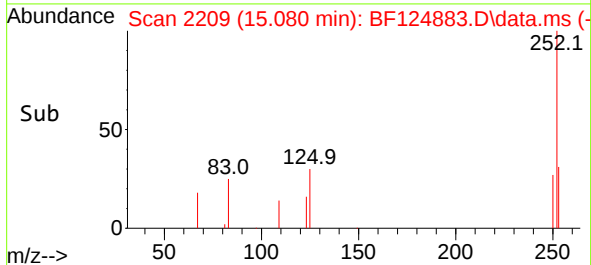
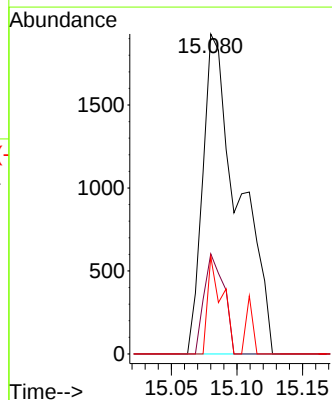
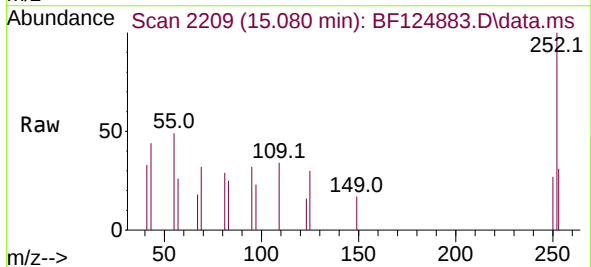
Instrument :
BNA_F
ClientSampled :
282

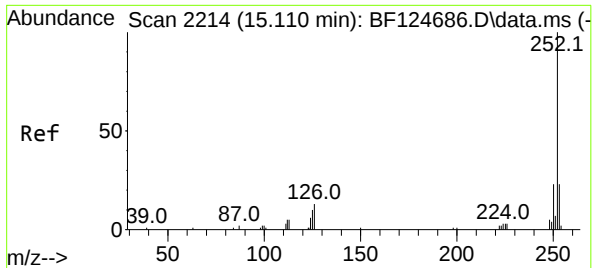
Tgt Ion:264 Resp: 12778
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 24.8 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.06 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

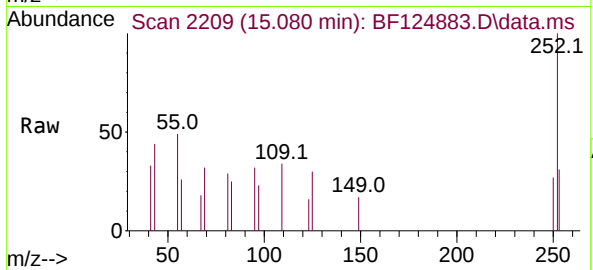
Tgt Ion:252 Resp: 3653
Ion Ratio Lower Upper
252 100
253 31.3 16.8 25.2#
125 30.4 9.8 14.8#





#89
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.030 min
Lab File: BF124883.D
Acq: 30 Jul 2021 18:59

Instrument :
BNA_F
ClientSampleId :
282



Tgt Ion:252 Resp: 3653
Ion Ratio Lower Upper
252 100
253 31.3 17.8 26.8#
125 30.4 7.2 10.8#

