

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125170.D
 Acq On : 23 Aug 2021 23:27
 Operator : JU/CG
 Sample : M3449-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Aug 24 04:49:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

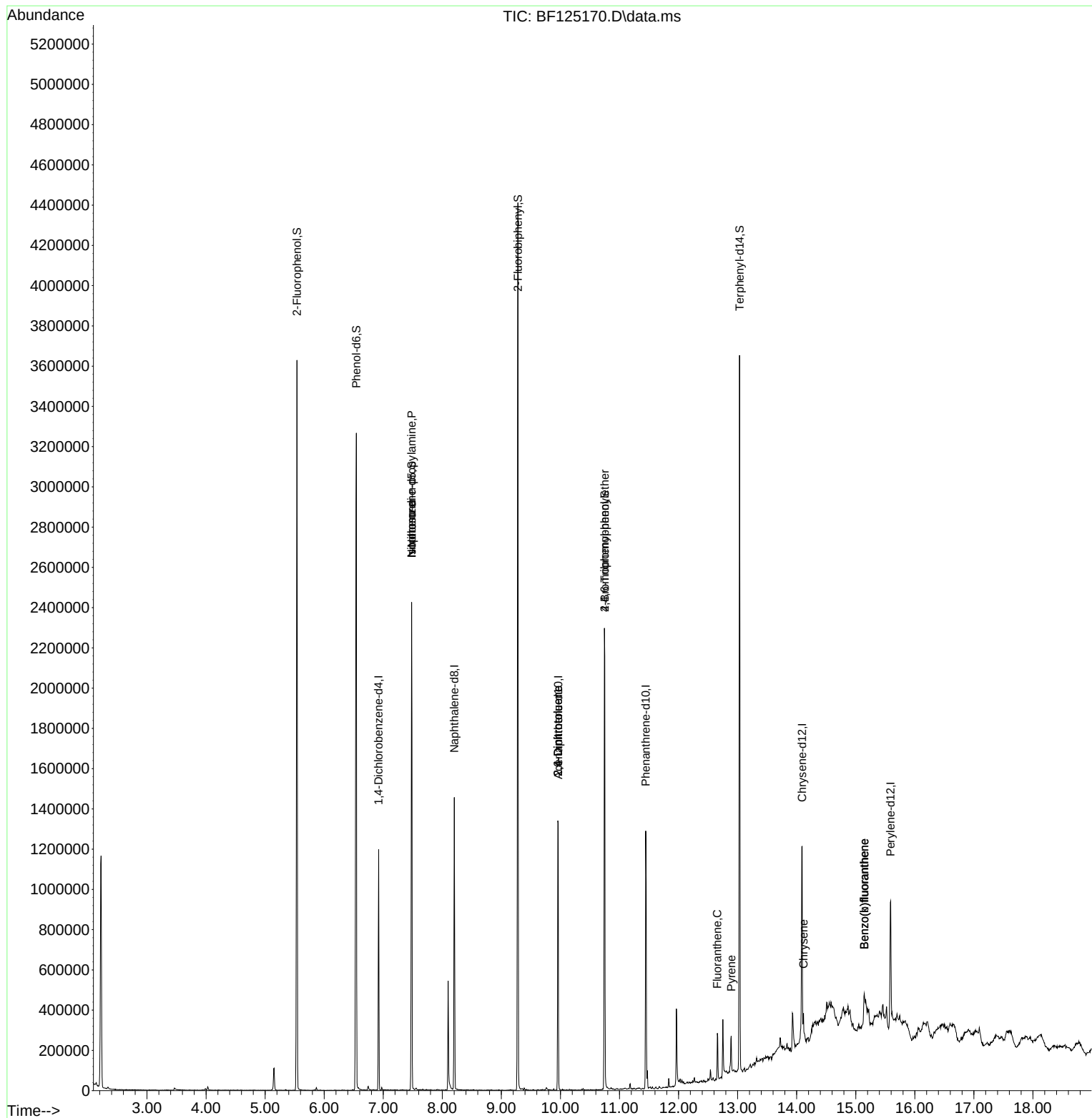
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	148780	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	562316	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	287280	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	453607	20.000	ng	0.00
76) Chrysene-d12	14.092	240	346544	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	303997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	871511	88.662	ng	0.00
7) Phenol-d6	6.545	99	1097226	86.309	ng	0.00
23) Nitrobenzene-d5	7.481	82	731281	65.471	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	291772	101.745	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1285695	62.375	ng	0.00
79) Terphenyl-d14	13.033	244	1168661	53.724	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	100207	13.105	ng	# 60
25) Isophorone	7.481	82	731270	33.938	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	36859	8.538	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	36859	7.055	ng	# 20
67) 4-Bromophenyl-phenylether	10.751	248	18482	3.393	ng	# 1
75) Fluoranthene	12.657	202	87606	3.532	ng	98
78) Pyrene	12.892	202	76949	2.589	ng	97
83) Chrysene	14.115	228	54344	2.201	ng	99
88) Benzo(b)fluoranthene	15.145	252	93342	4.203	ng	# 93
89) Benzo(k)fluoranthene	15.145	252	93342	4.504	ng	# 93

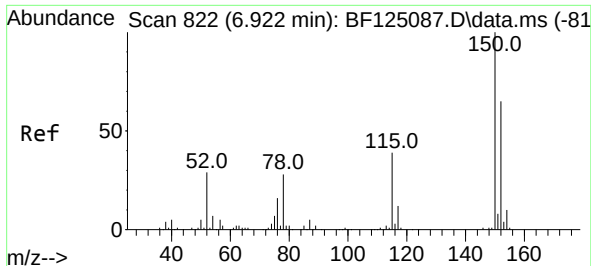
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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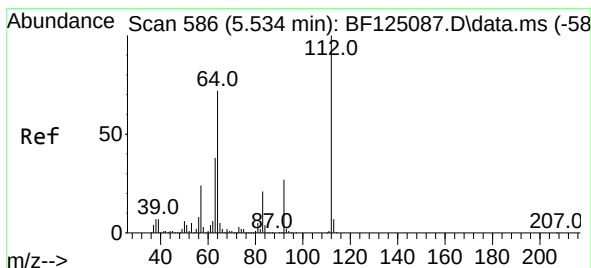
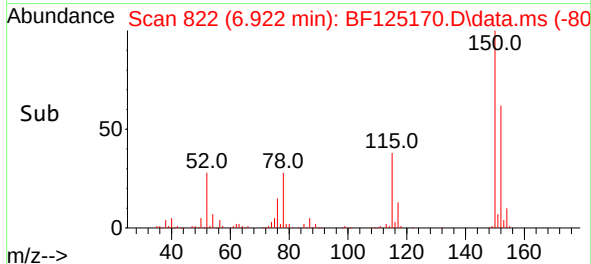
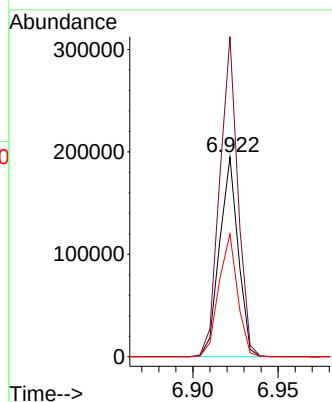
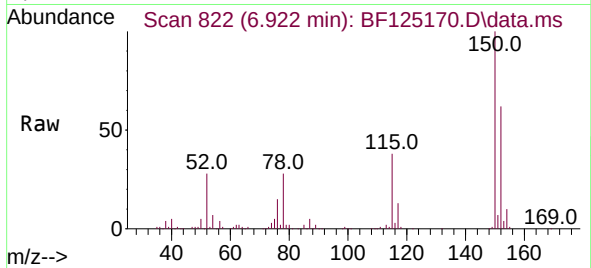




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

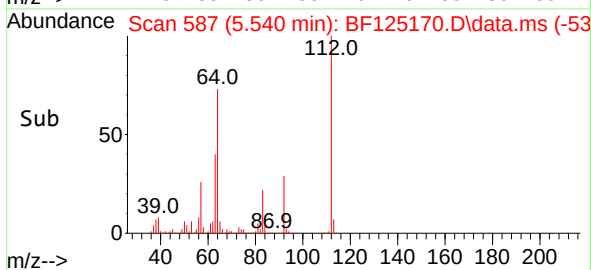
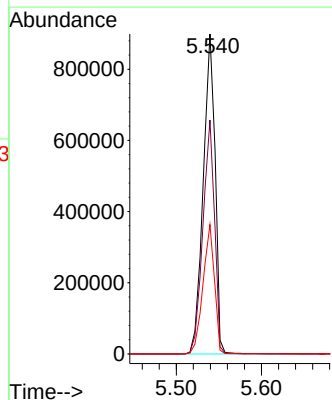
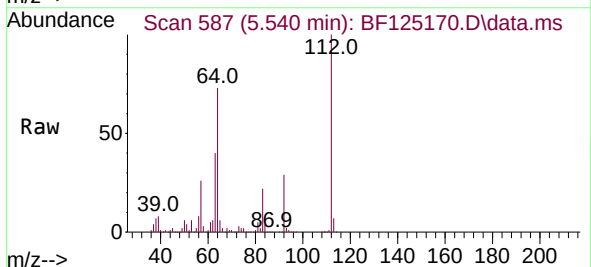
Instrument :
BNA_F
ClientSampleId :
TP1

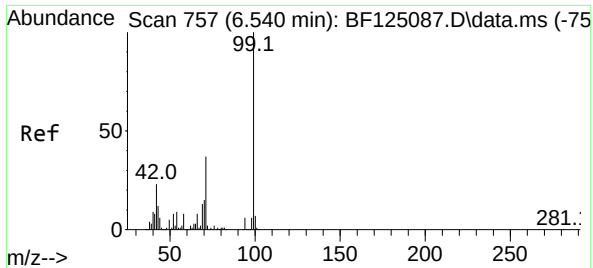
Tgt Ion:152 Resp: 148780
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 88.662 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.000 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:112 Resp: 871511
Ion Ratio Lower Upper
112 100
64 73.1 44.2 66.2#
63 40.5 26.2 39.2#

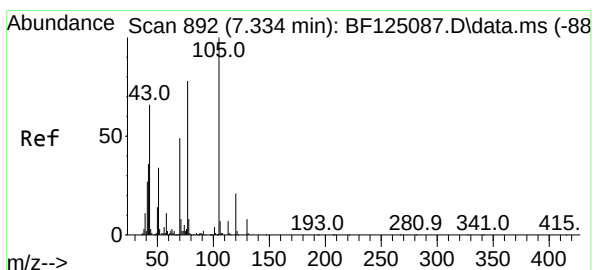
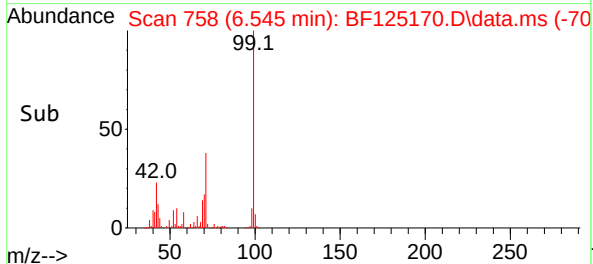
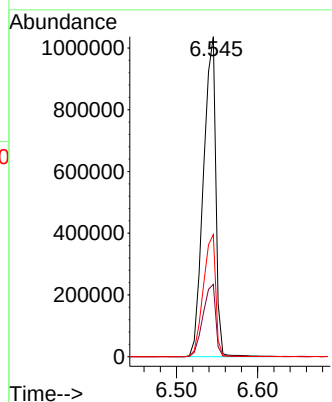
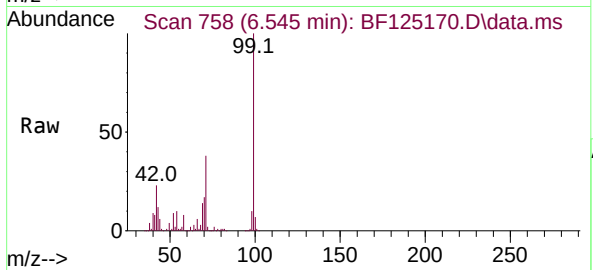




#7
Phenol-d6
Concen: 86.309 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

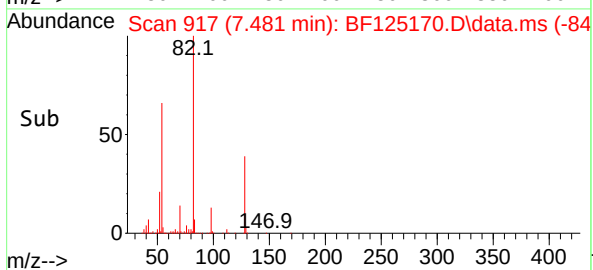
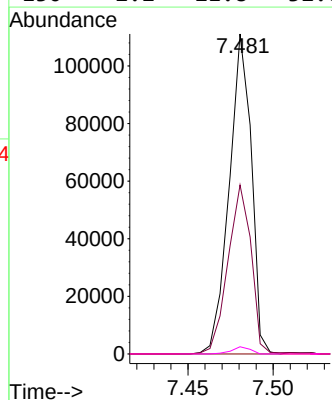
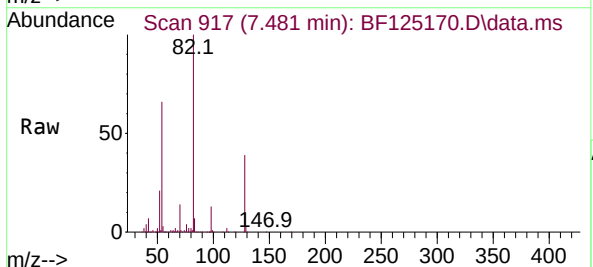
Instrument :
BNA_F
ClientSampleId :
TP1

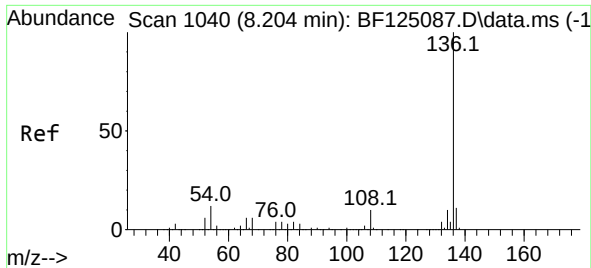
Tgt Ion: 99 Resp: 1097226
Ion Ratio Lower Upper
99 100
42 22.6 23.5 35.3#
71 38.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.105 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.141 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion: 70 Resp: 100207
Ion Ratio Lower Upper
70 100
42 52.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

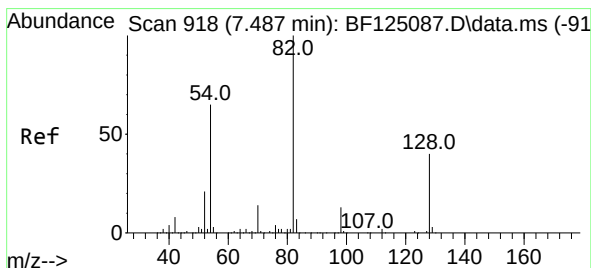
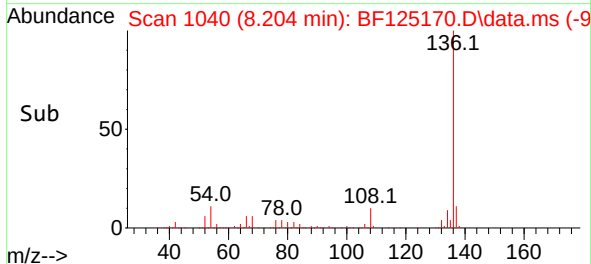
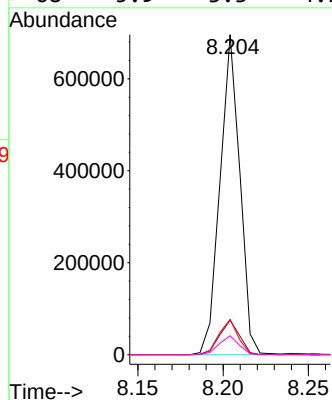
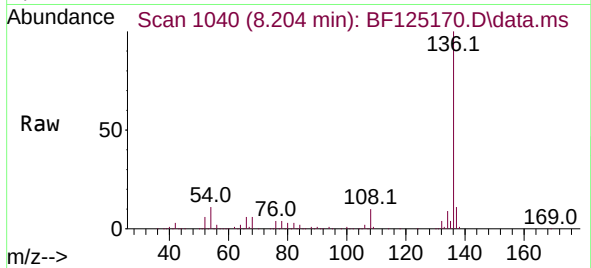




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

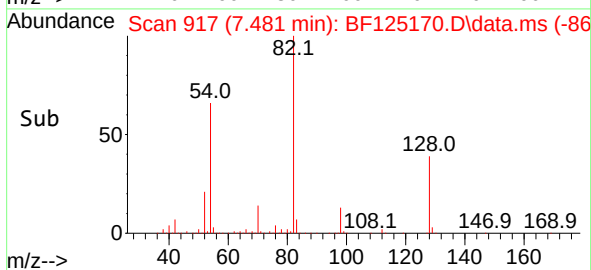
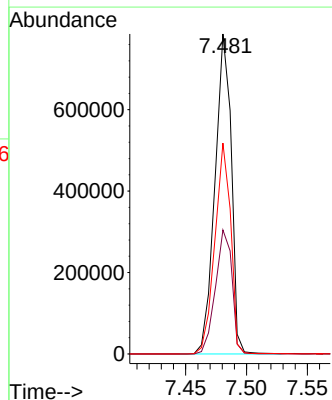
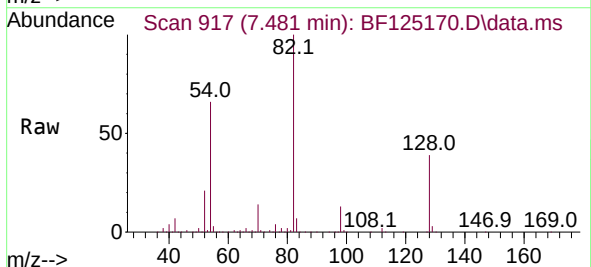
Instrument :
BNA_F
ClientSampleId :
TP1

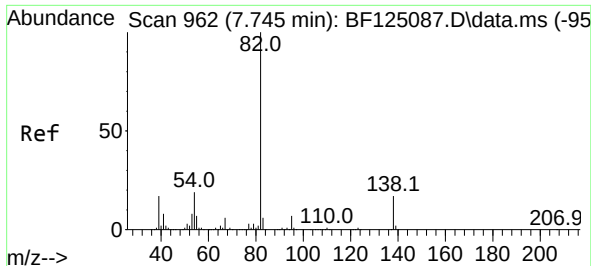
Tgt Ion:	136	Resp:	562316
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	11.0	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 65.471 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:	82	Resp:	731281
Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	60.8#
54	65.9	49.6	74.4

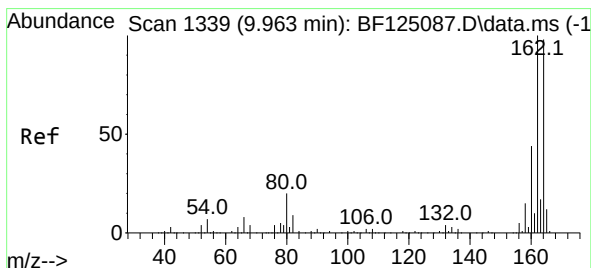
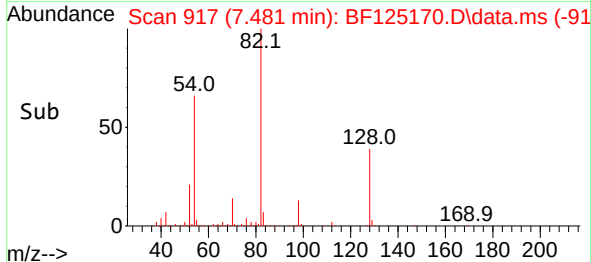
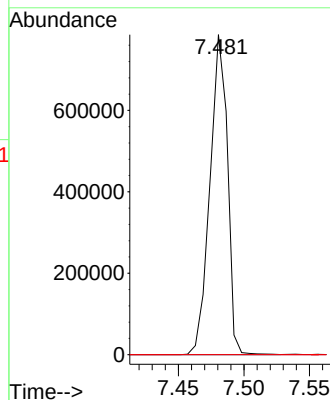
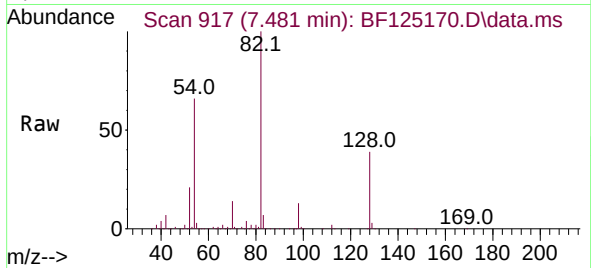




#25
Isophorone
Concen: 33.938 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

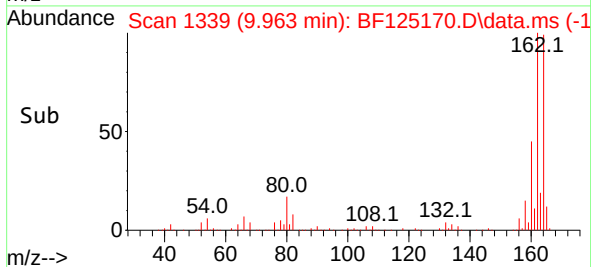
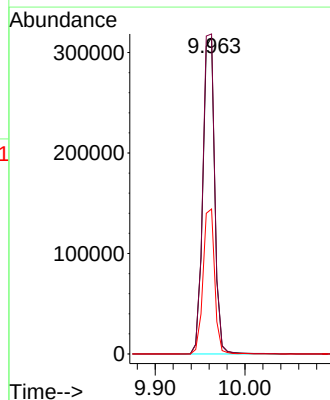
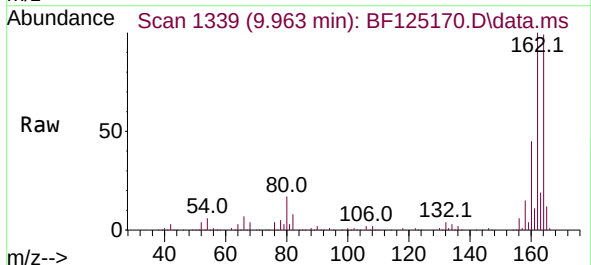
Instrument :
BNA_F
ClientSampleId :
TP1

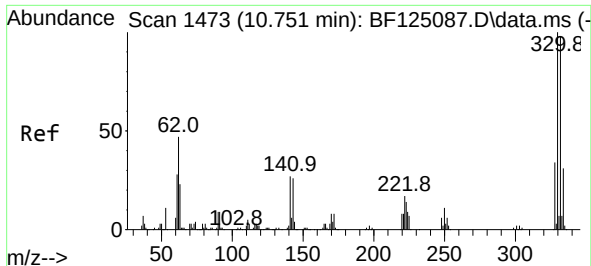
Tgt Ion: 82 Resp: 731270
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:164 Resp: 287280
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.8 38.0 57.0

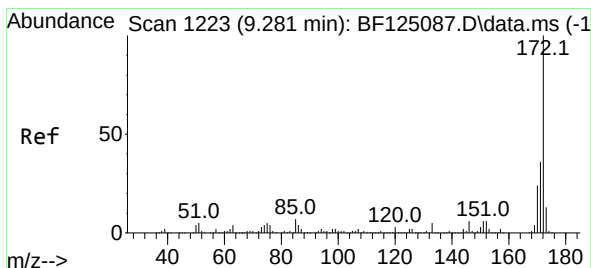
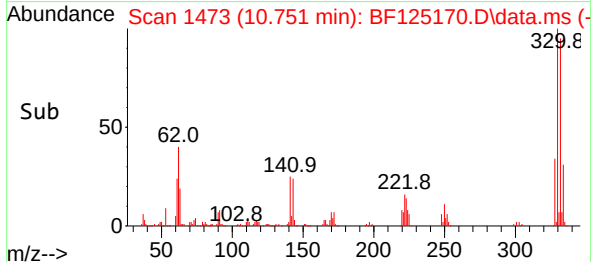
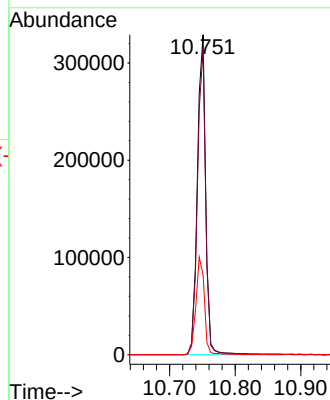
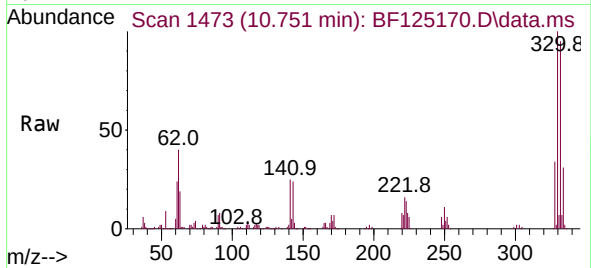




#42
2,4,6-Tribromophenol
Concen: 101.745 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

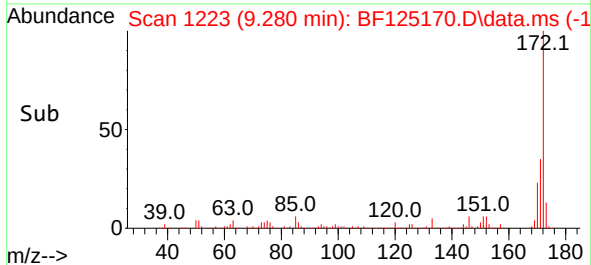
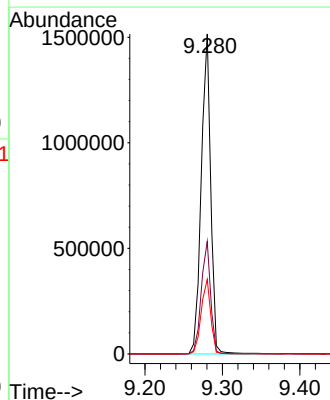
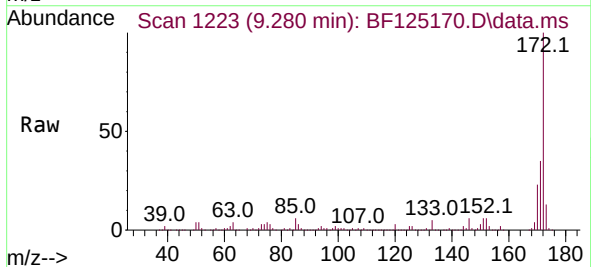
Instrument :
BNA_F
ClientSampleId :
TP1

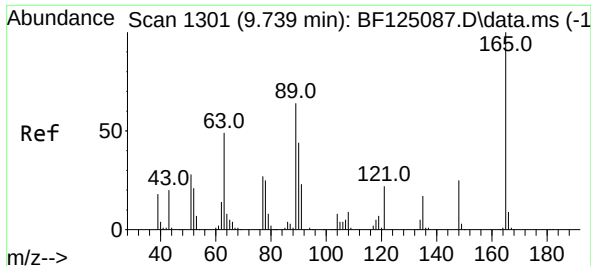
Tgt Ion: 330 Resp: 291772
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 31.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.375 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion: 172 Resp: 1285695
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.3 18.8 28.2

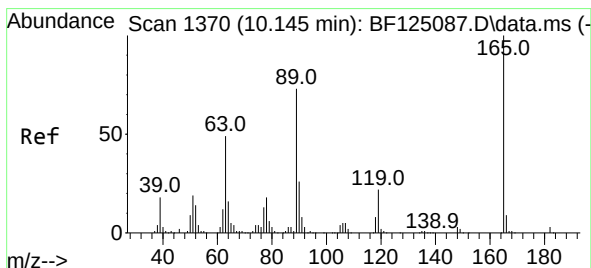
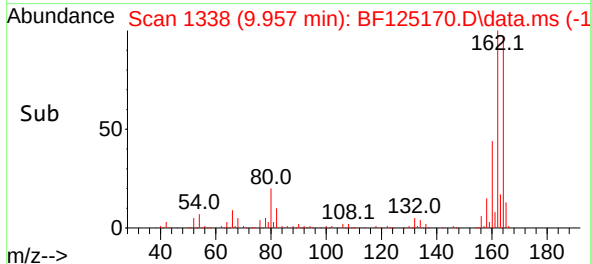
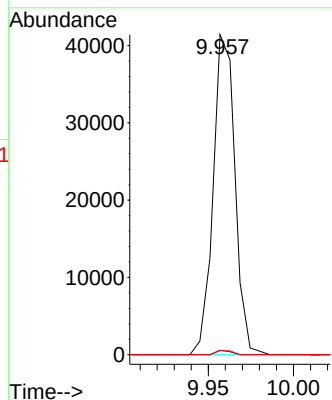
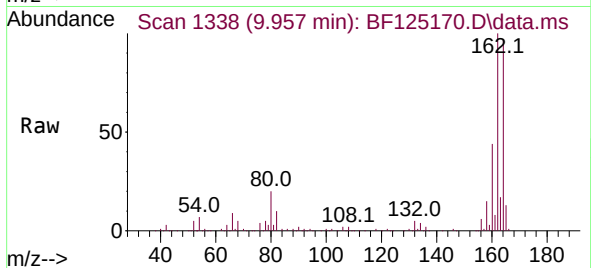




#51
2,6-Dinitrotoluene
Concen: 8.538 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

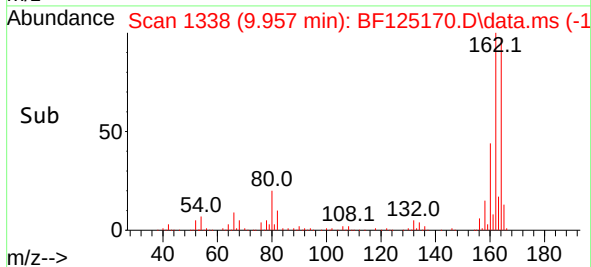
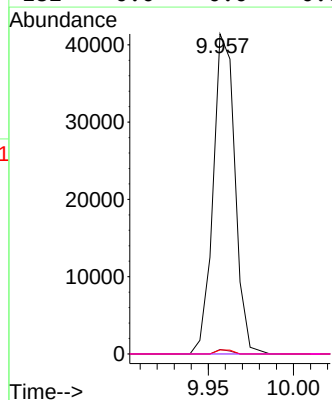
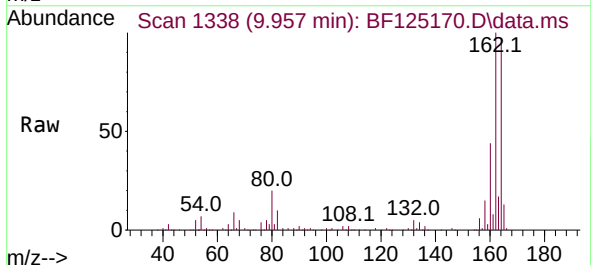
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BNA_F
ClientSampleId :
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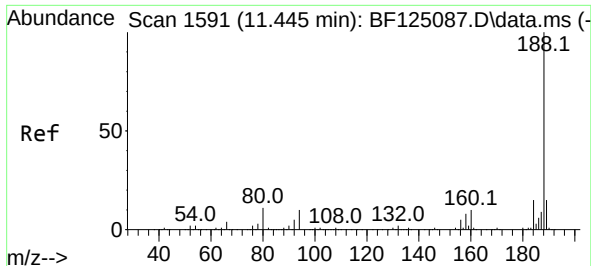
Tgt Ion:165 Resp: 36859
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.055 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:165 Resp: 36859
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

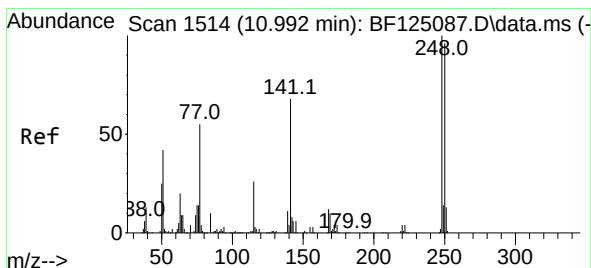
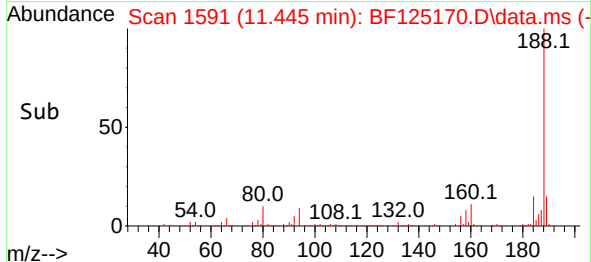
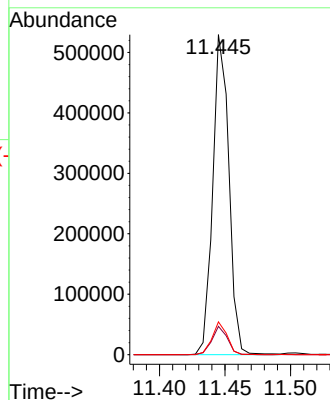
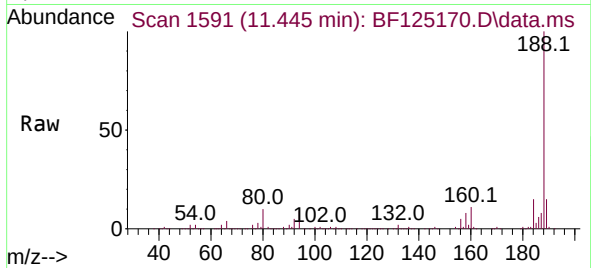




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

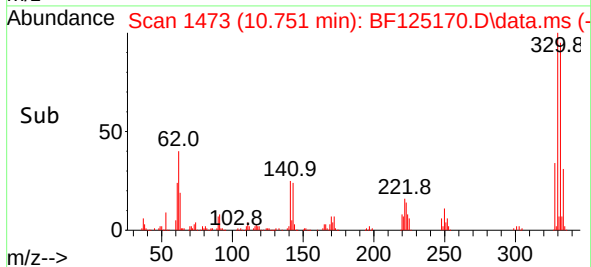
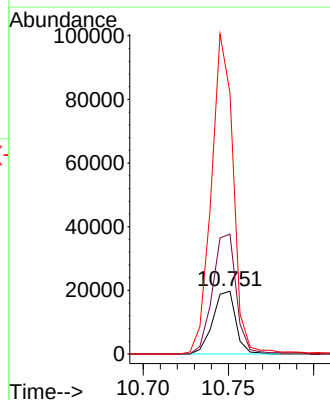
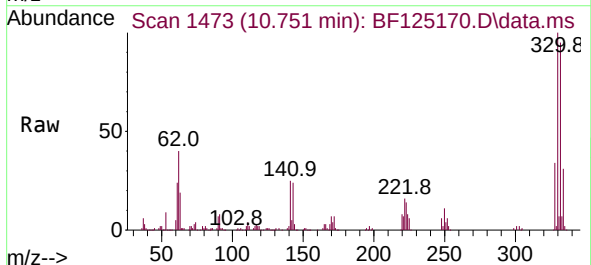
Instrument :
BNA_F
ClientSampled :
TP1

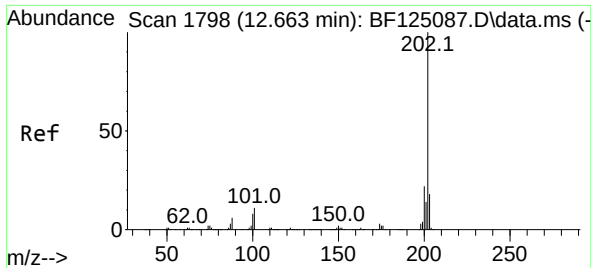
Tgt Ion:188 Resp: 453607
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.393 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.241 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:248 Resp: 18482
Ion Ratio Lower Upper
248 100
250 190.8 74.2 111.4#
141 415.7 60.4 90.6#

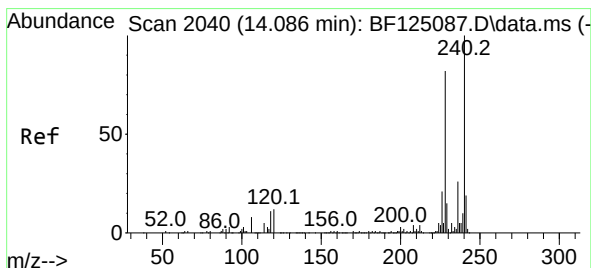
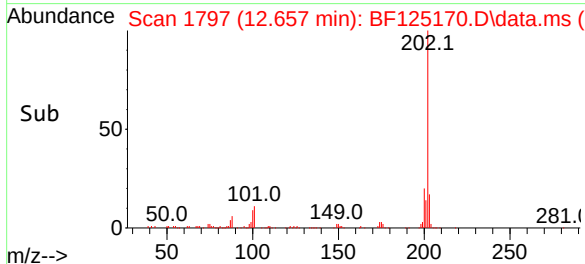
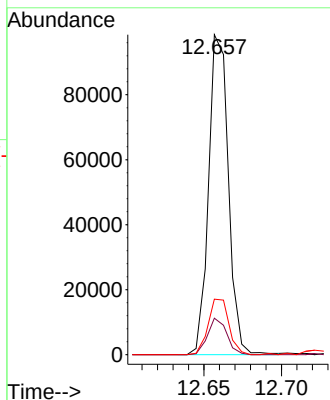
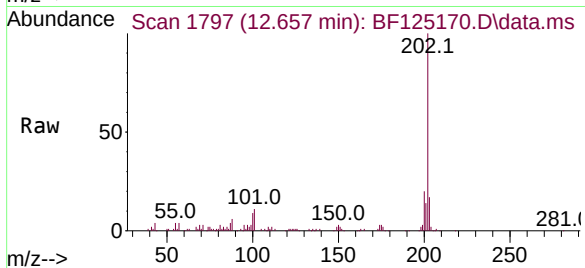




#75
Fluoranthene
Concen: 3.532 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

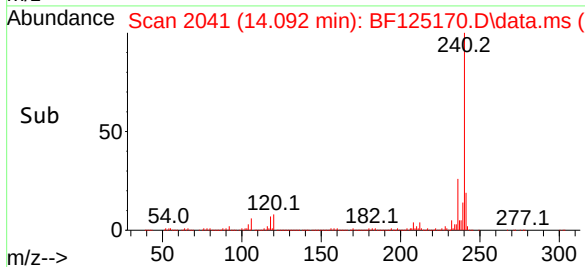
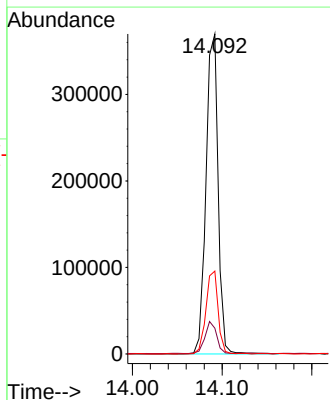
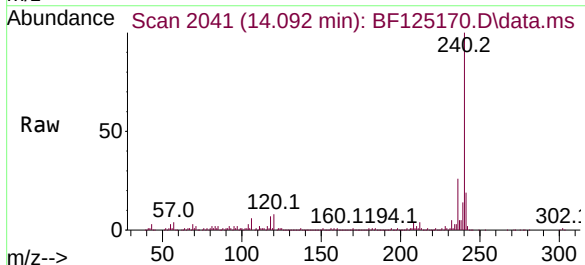
Instrument :
BNA_F
ClientSampled :
TP1

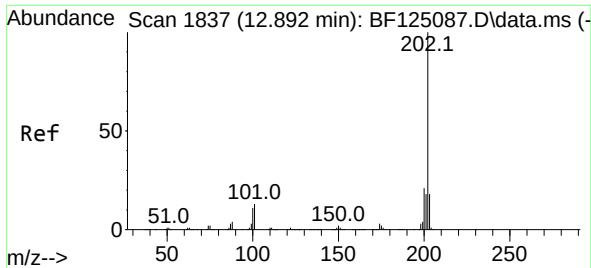
Tgt Ion:202 Resp: 87606
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 17.3 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:240 Resp: 346544
Ion Ratio Lower Upper
240 100
120 8.1 10.8 16.2#
236 25.9 21.6 32.4

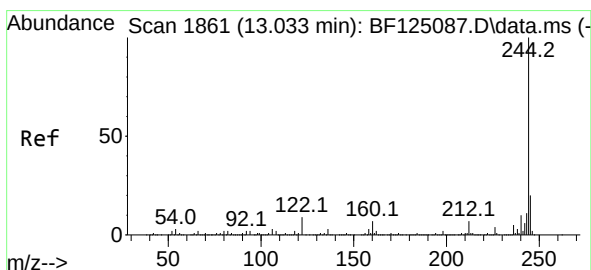
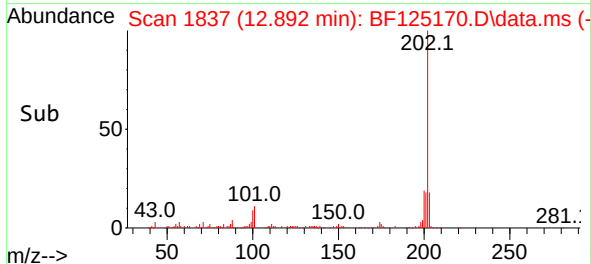
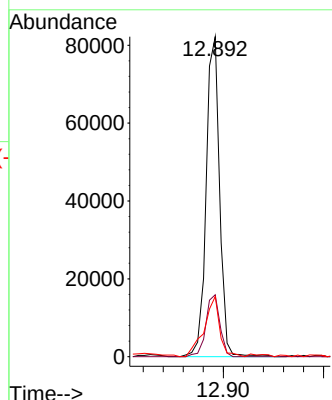
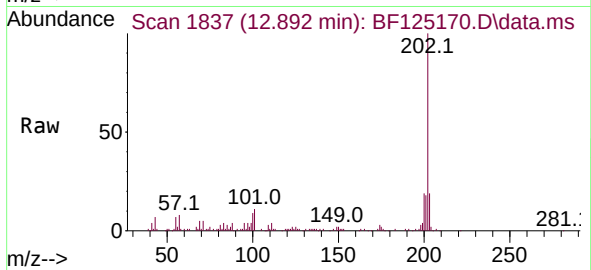




#78
Pyrene
Concen: 2.589 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

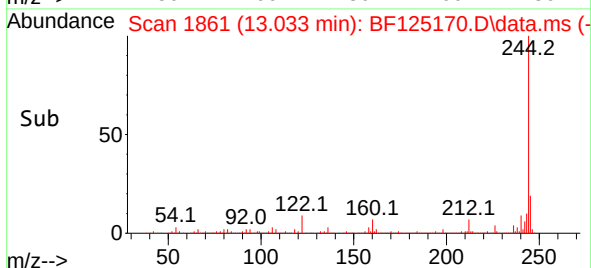
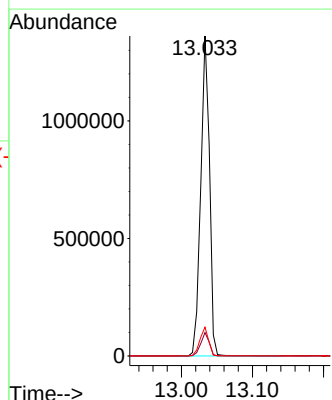
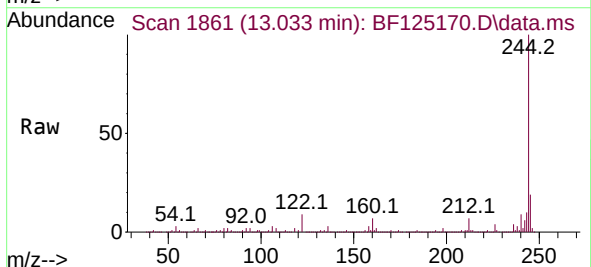
Instrument :
BNA_F
ClientSampled :
TP1

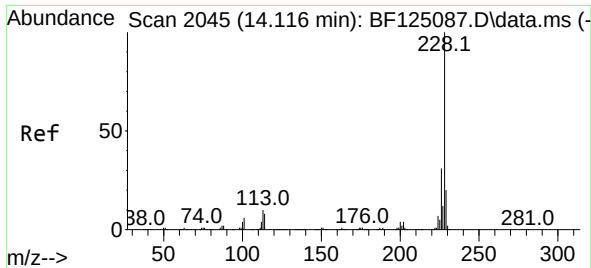
Tgt Ion:202 Resp: 76949
Ion Ratio Lower Upper
202 100
200 19.4 15.3 22.9
203 18.8 13.4 20.0



#79
Terphenyl-d14
Concen: 53.724 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:244 Resp: 1168661
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.0 9.0 13.4

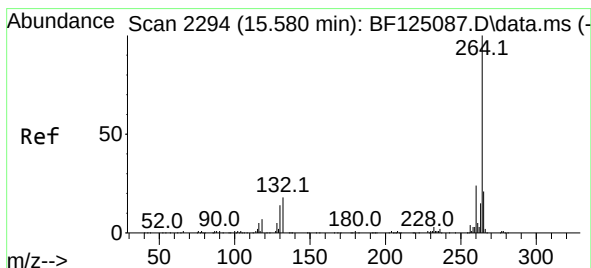
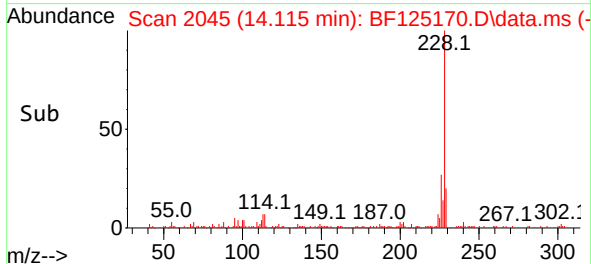
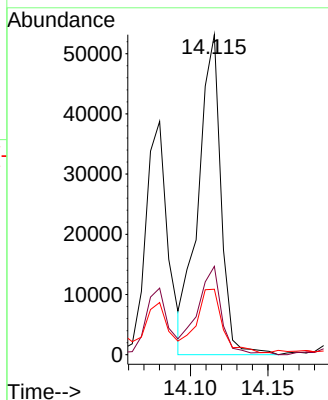
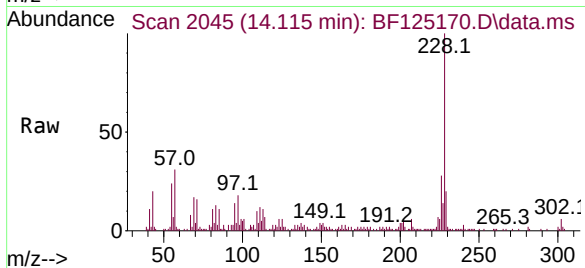




#83
Chrysene
Concen: 2.201 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

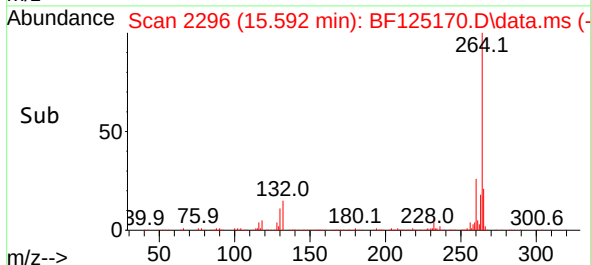
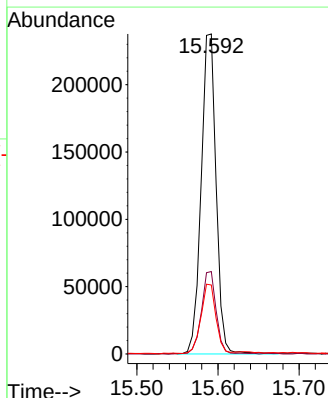
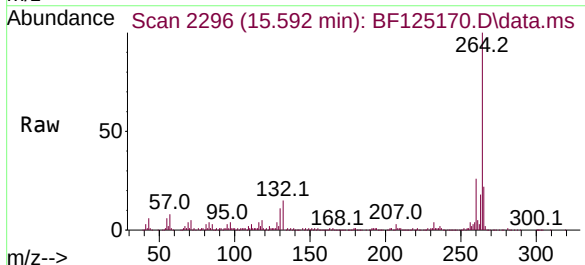
Instrument :
BNA_F
ClientSampled :
TP1

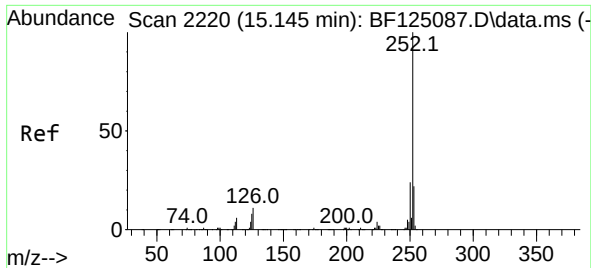
Tgt Ion:228	Resp:	54344
Ion Ratio	Lower	Upper
228	100	
226	27.6	22.6 34.0
229	20.4	15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:264	Resp:	303997
Ion Ratio	Lower	Upper
264	100	
260	25.7	19.6 29.4
265	21.6	17.2 25.8

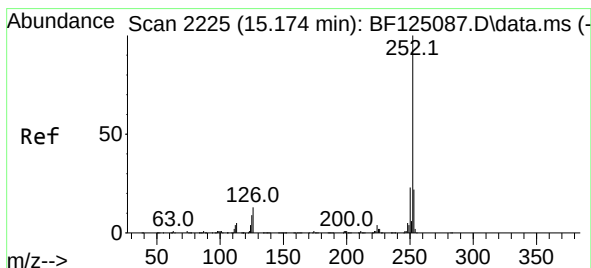
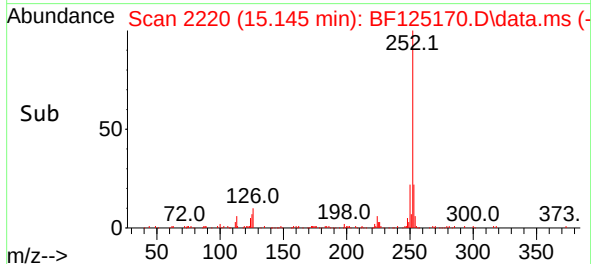
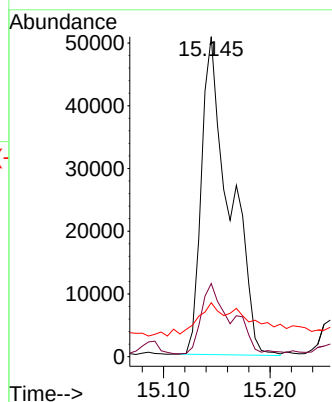
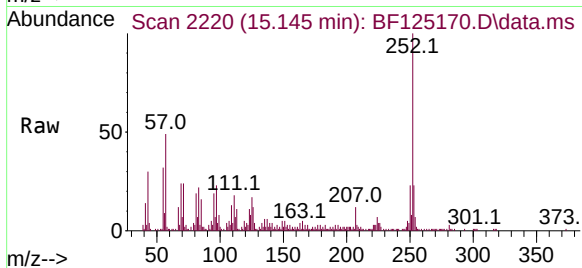




#88
Benzo(b)fluoranthene
Concen: 4.203 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Instrument :
BNA_F
ClientSampled :
TP1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.8	25.2
125	16.8	9.8	14.8#



#89
Benzo(k)fluoranthene
Concen: 4.504 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.041 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	16.8	7.2	10.8#

