

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125376.D
 Acq On : 4 Sep 2021 18:53
 Operator : JU/CG
 Sample : M3648-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211052-SI-COMPOSITE-1

Quant Time: Sep 06 08:29:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

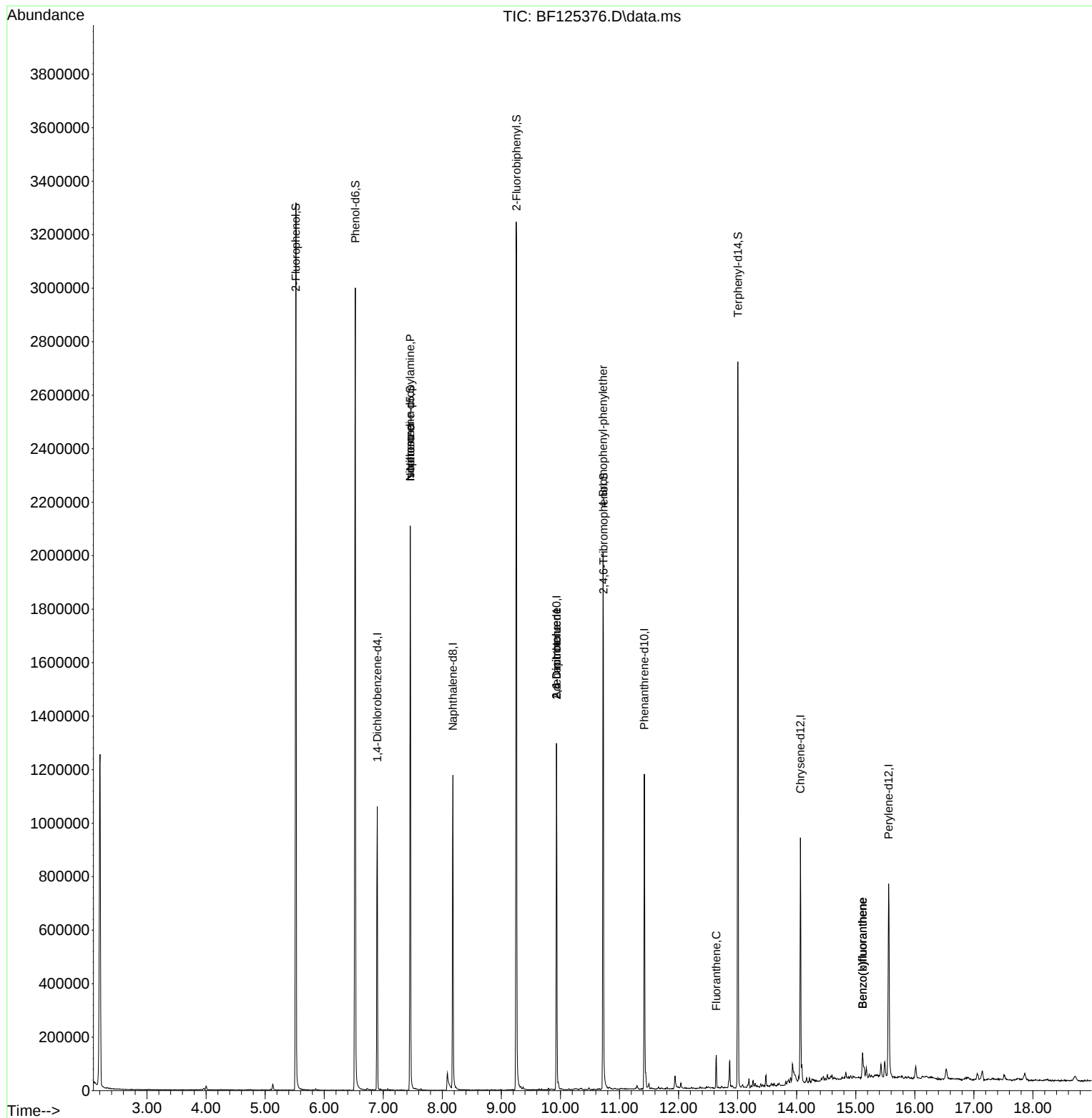
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	141072	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	534613	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	263323	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	430876	20.000	ng	0.00
76) Chrysene-d12	14.063	240	294777	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	336332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	831859	89.252	ng	0.00
7) Phenol-d6	6.528	99	1030103	85.457	ng	0.00
23) Nitrobenzene-d5	7.457	82	666605	62.774	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	265844	101.137	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1123478	59.464	ng	0.00
79) Terphenyl-d14	13.004	244	973561	52.615	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	89459	12.339	ng	# 57
25) Isophorone	7.457	82	666599	32.540	ng	# 59
51) 2,6-Dinitrotoluene	9.933	165	33021	8.345	ng	# 27
57) 2,4-Dinitrotoluene	9.933	165	33021	6.895	ng	# 19
67) 4-Bromophenyl-phenylether	10.722	248	16302	3.151	ng	# 1
75) Fluoranthene	12.639	202	49422	2.098	ng	99
88) Benzo(b)fluoranthene	15.115	252	65200	2.653	ng	# 96
89) Benzo(k)fluoranthene	15.115	252	65200	2.844	ng	99

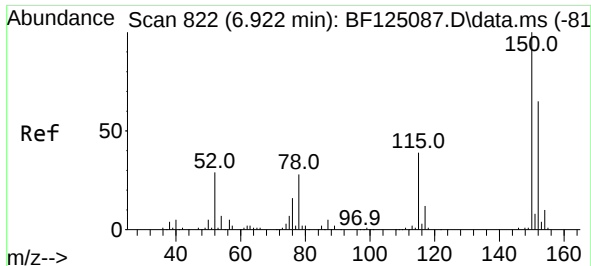
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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20211052-SI-COMPOSITE-1

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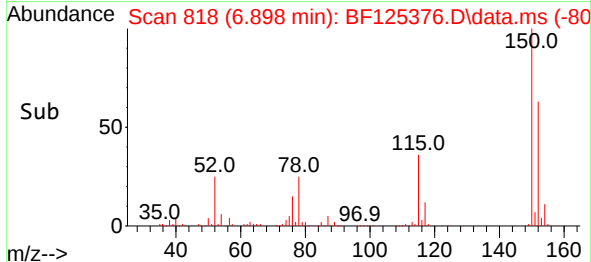
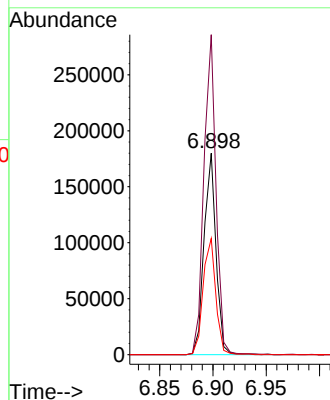
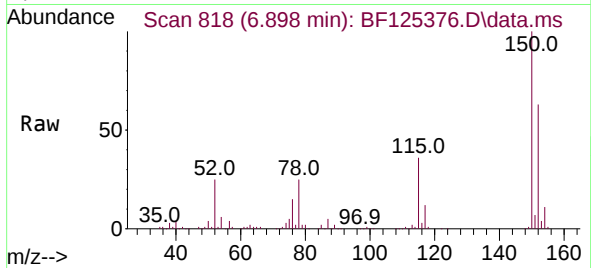




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

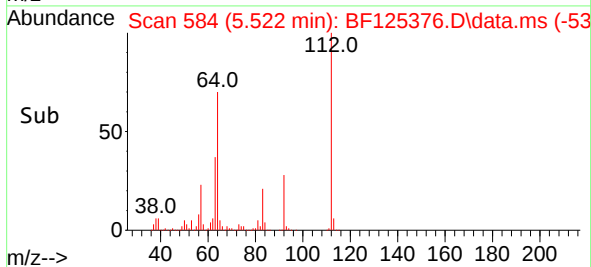
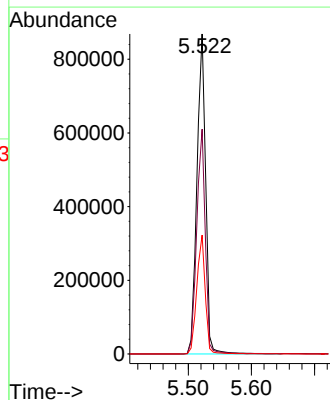
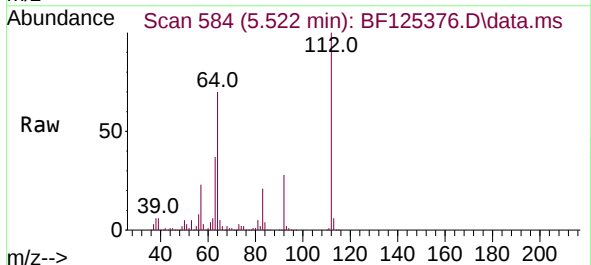
Instrument :
BNA_F
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20211052-SI-COMPOSITE-1

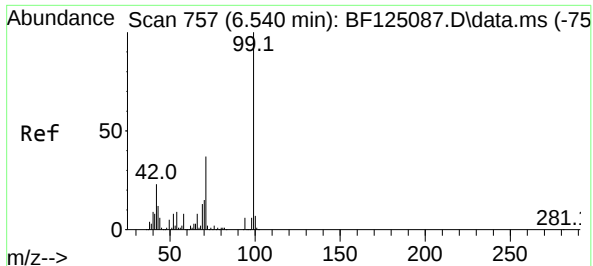
Tgt Ion:152 Resp: 141072
Ion Ratio Lower Upper
152 100
150 158.8 117.6 176.4
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 89.252 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion:112 Resp: 831859
Ion Ratio Lower Upper
112 100
64 70.3 44.2 66.2#
63 37.2 26.2 39.2

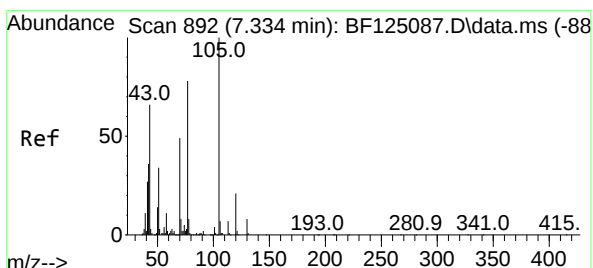
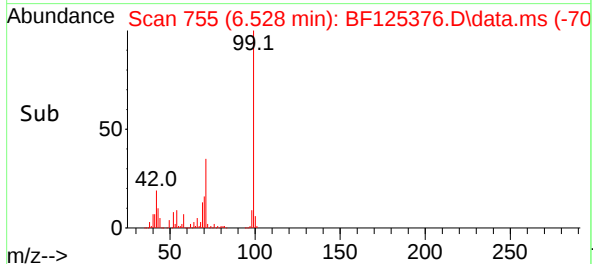
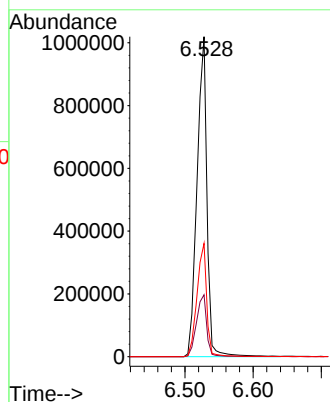
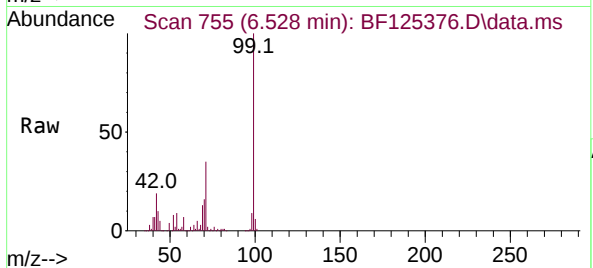




#7
Phenol-d6
Concen: 85.457 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

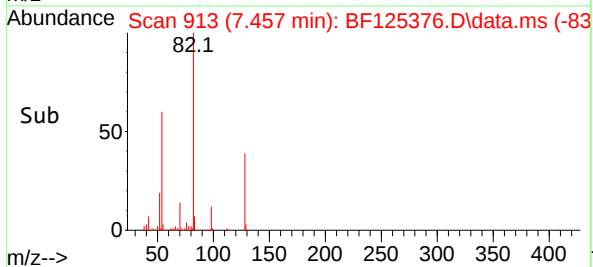
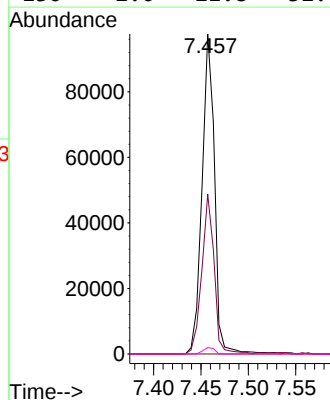
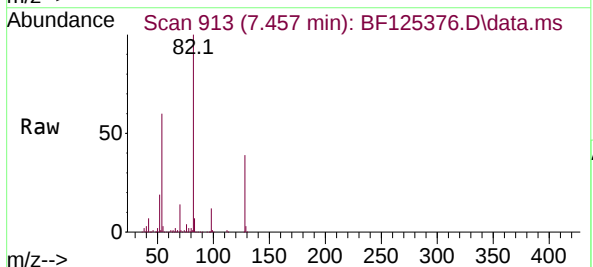
Instrument :
BNA_F
ClientSampleId :
20211052-SI-COMPOSITE-1

Tgt Ion: 99 Resp: 1030103
Ion Ratio Lower Upper
99 100
42 19.3 23.5 35.3#
71 35.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.339 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion: 70 Resp: 89459
Ion Ratio Lower Upper
70 100
42 50.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#

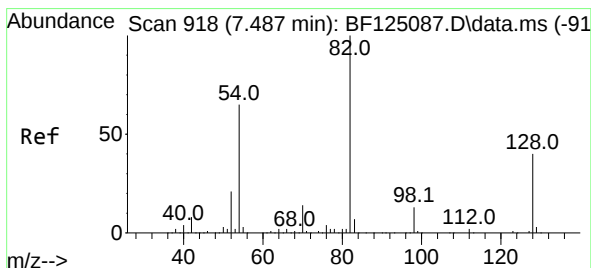
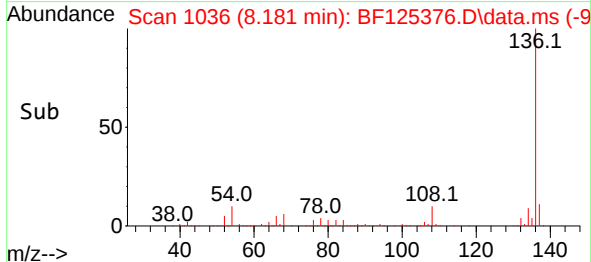
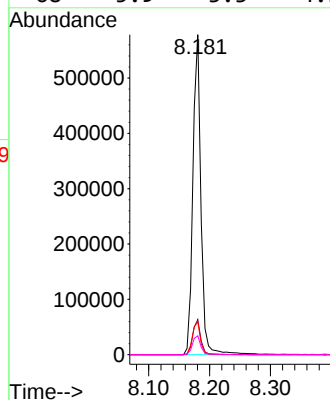
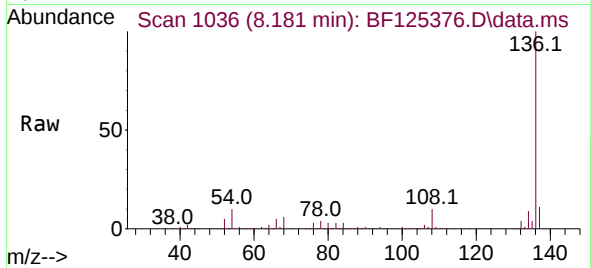




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

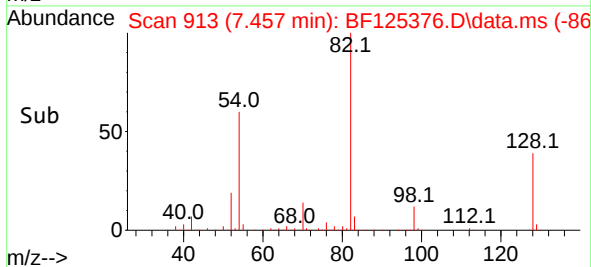
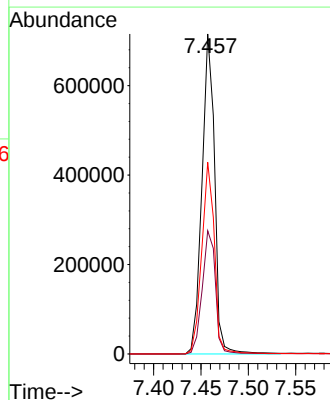
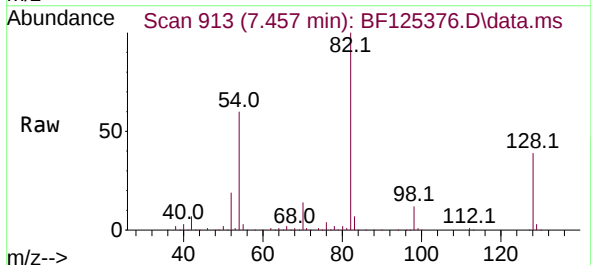
Instrument :
BNA_F
ClientSampleId :
20211052-SI-COMPOSITE-1

Tgt Ion:136 Resp: 534613
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.3 6.4 9.6#
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 62.774 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

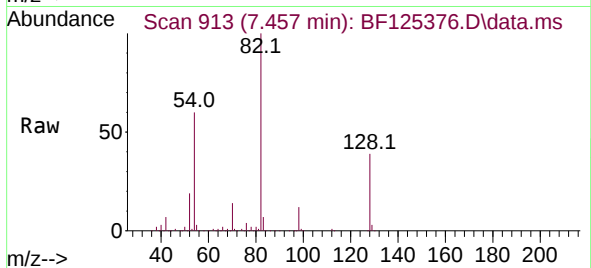
Tgt Ion: 82 Resp: 666605
Ion Ratio Lower Upper
82 100
128 38.5 40.6 60.8#
54 59.9 49.6 74.4



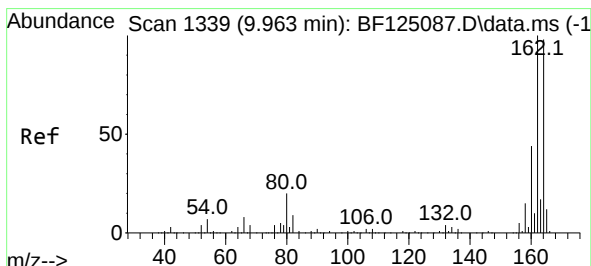
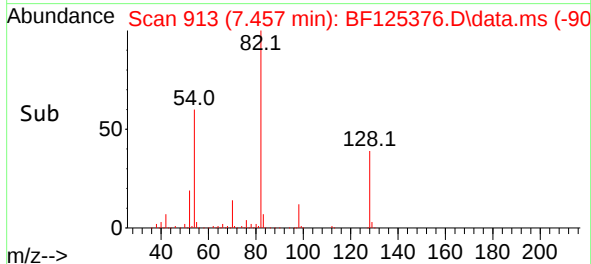
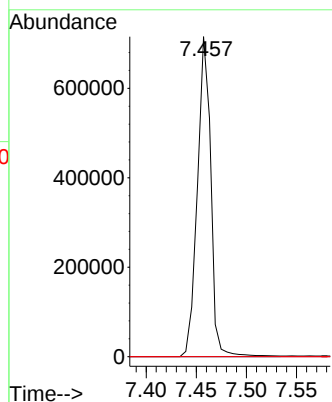


#25
Isophorone
Concen: 32.540 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Instrument :
BNA_F
ClientSampleId :
20211052-SI-COMPOSITE-1

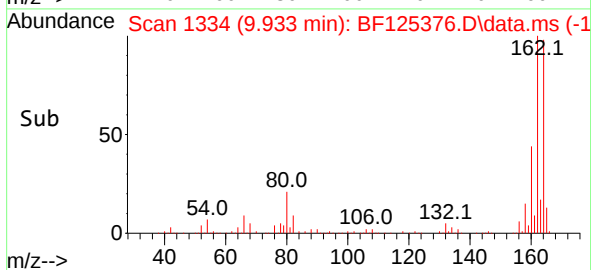
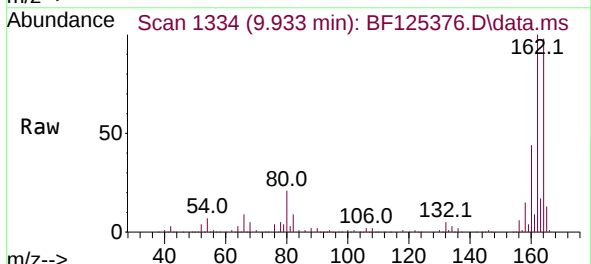
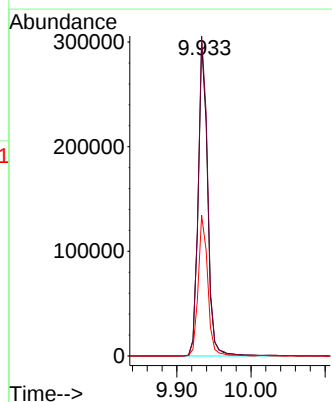


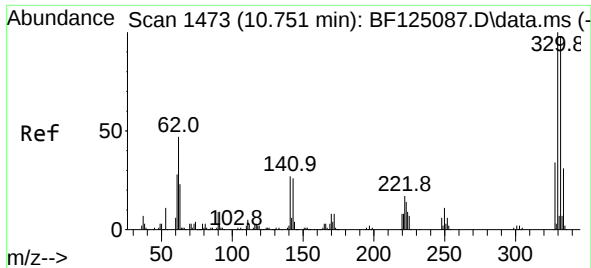
Tgt Ion: 82 Resp: 666599
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion: 164 Resp: 263323
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.0 38.0 57.0

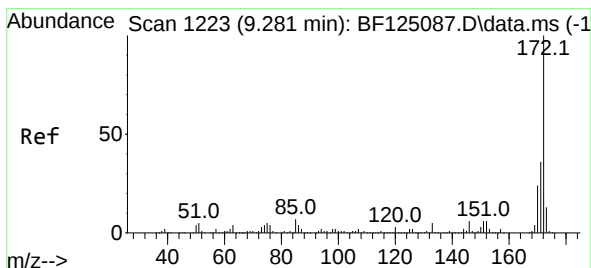
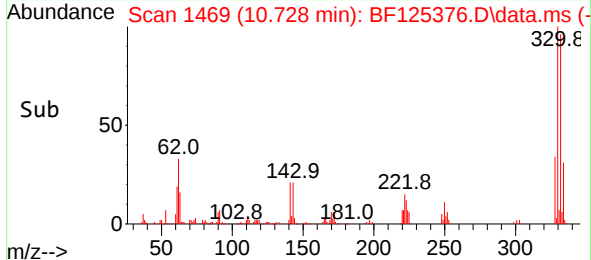
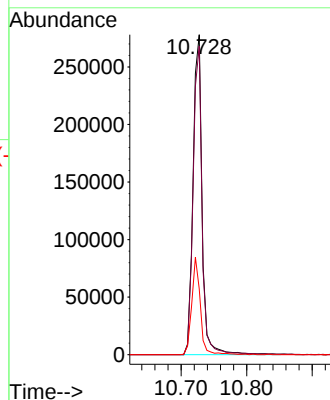
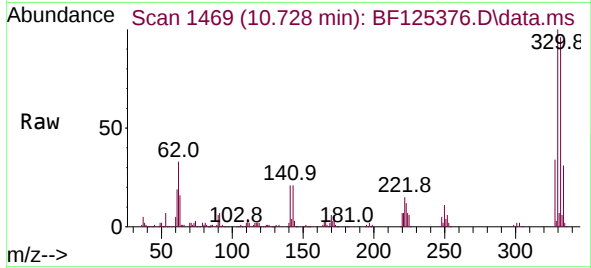




#42
2,4,6-Tribromophenol
Concen: 101.137 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

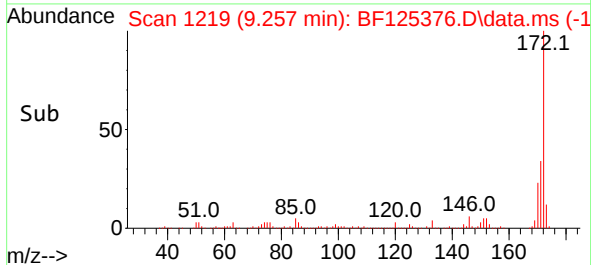
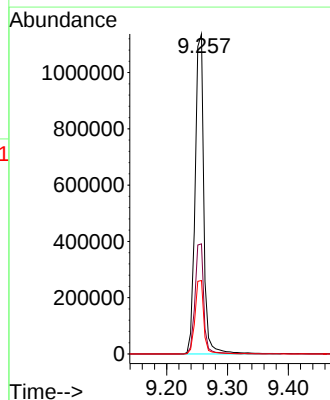
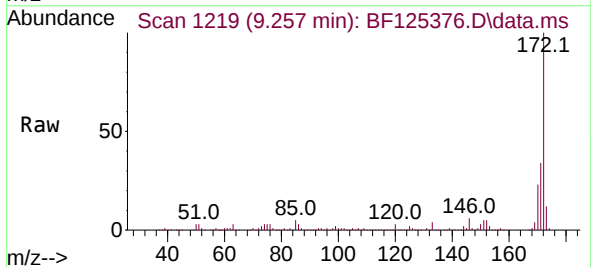
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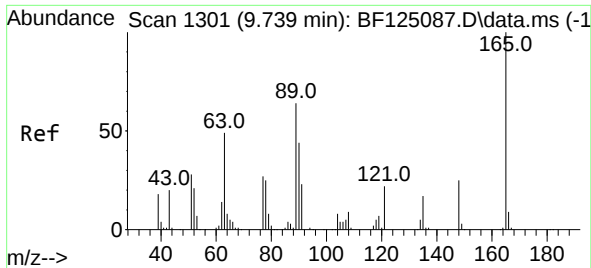
Tgt Ion:330 Resp: 265844
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 28.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 59.464 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion:172 Resp: 1123478
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.0 18.8 28.2

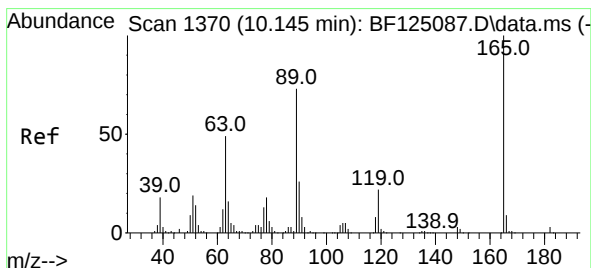
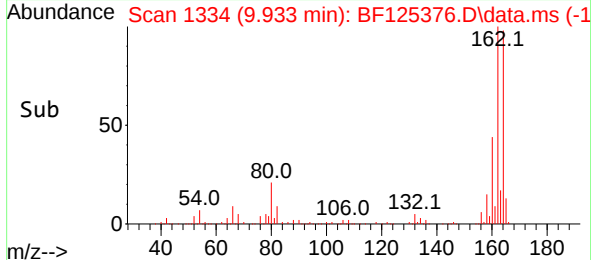
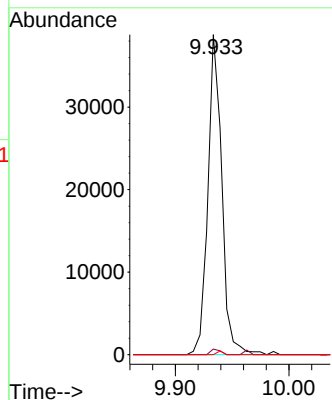
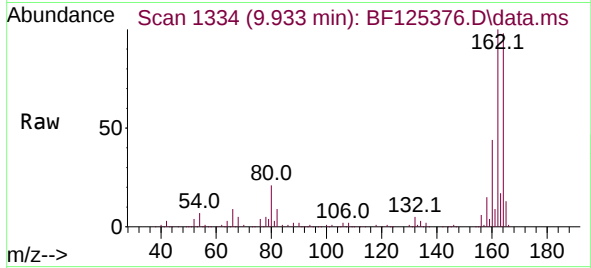




#51
2,6-Dinitrotoluene
Concen: 8.345 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

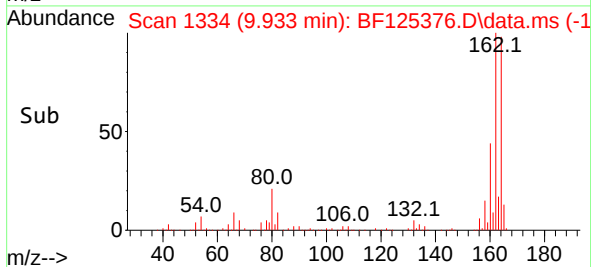
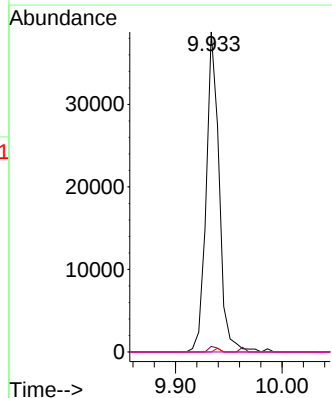
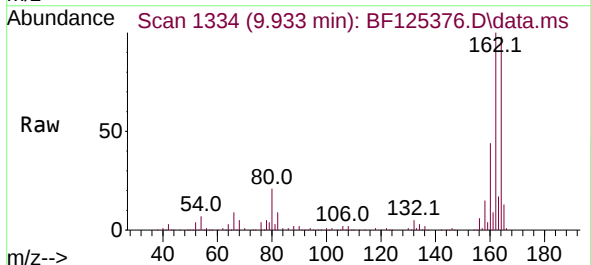
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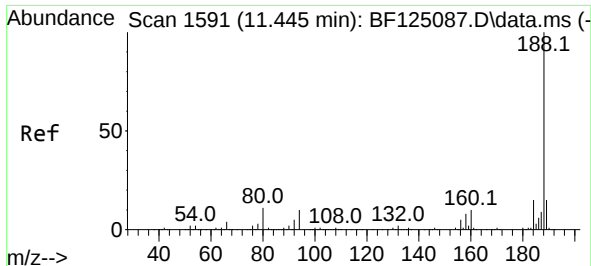
Tgt Ion:165 Resp: 33021
Ion Ratio Lower Upper
165 100
63 1.7 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.895 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.194 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion:165 Resp: 33021
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

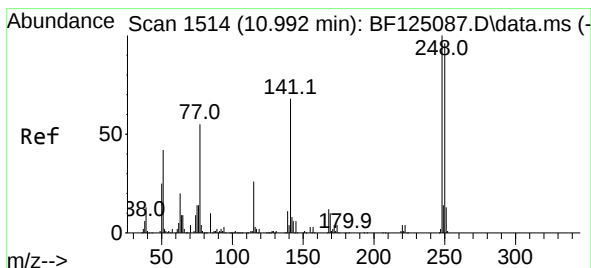
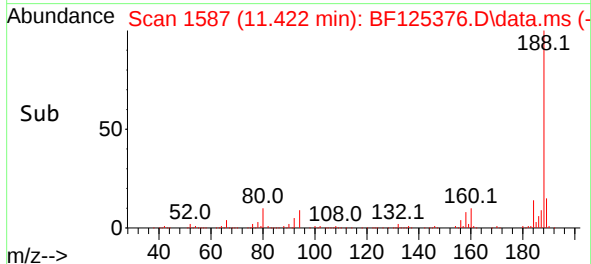
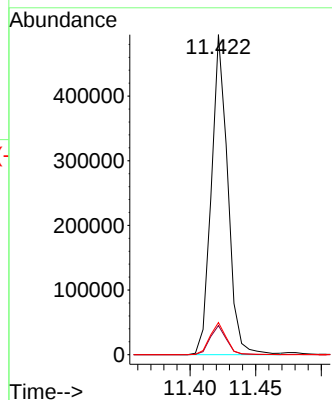
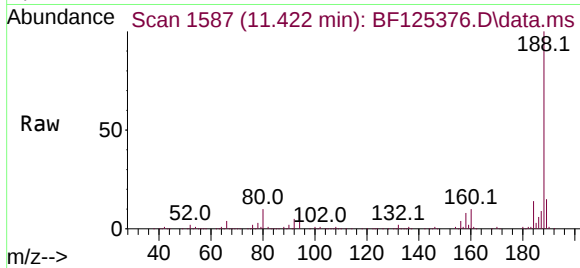




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

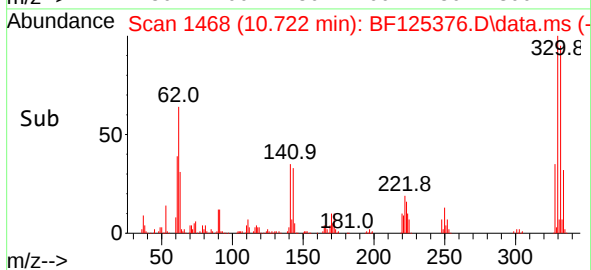
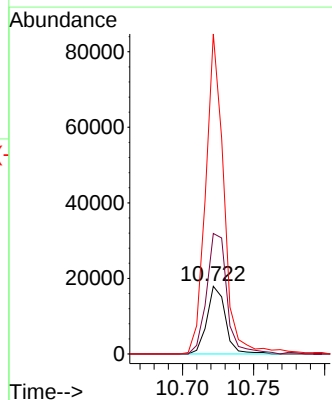
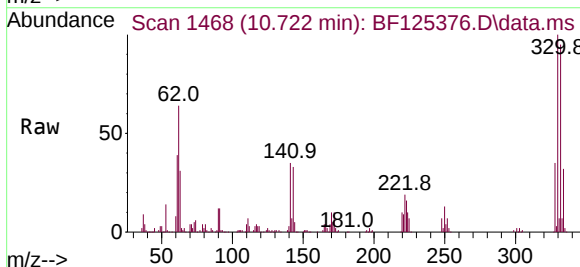
Instrument :
BNA_F
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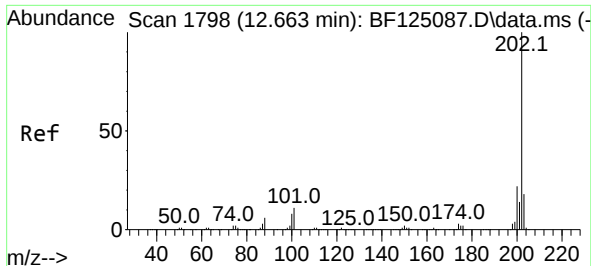
Tgt Ion:188 Resp: 430876
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.151 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion:248 Resp: 16302
Ion Ratio Lower Upper
248 100
250 178.1 74.2 111.4#
141 472.7 60.4 90.6#

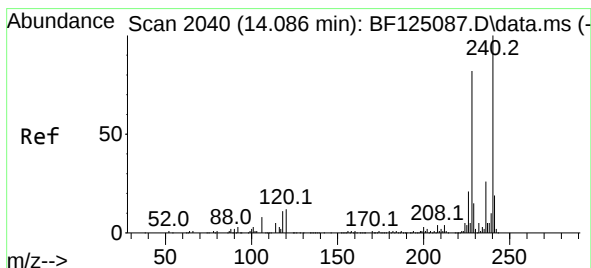
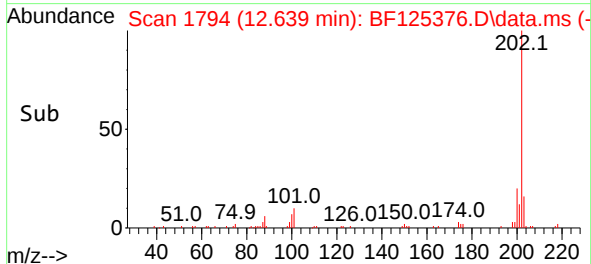
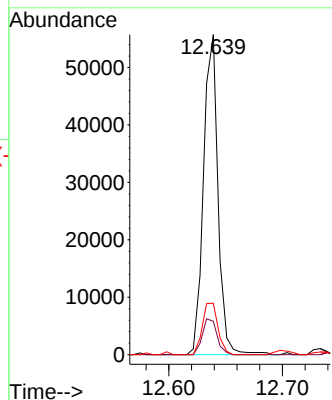
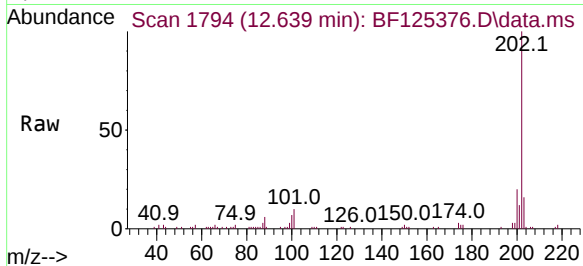




#75
Fluoranthene
Concen: 2.098 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

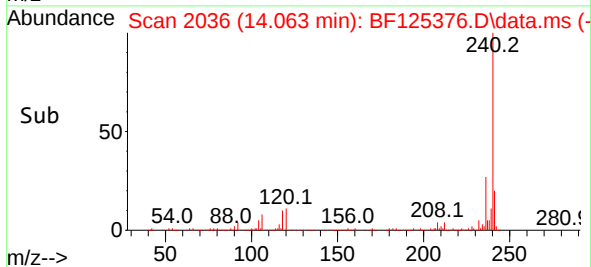
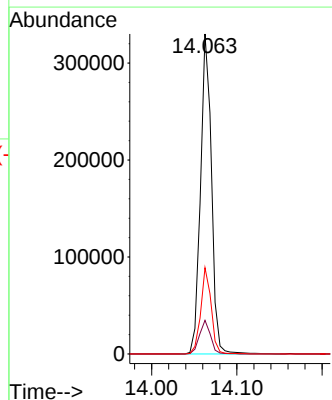
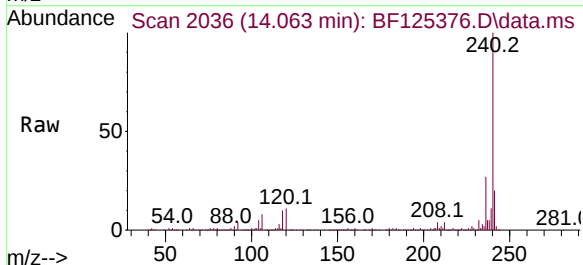
Instrument :
BNA_F
ClientSampleId :
20211052-SI-COMPOSITE-1

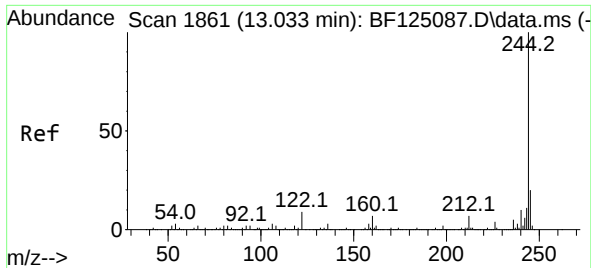
Tgt Ion:202 Resp: 49422
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 16.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion:240 Resp: 294777
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 27.0 21.6 32.4

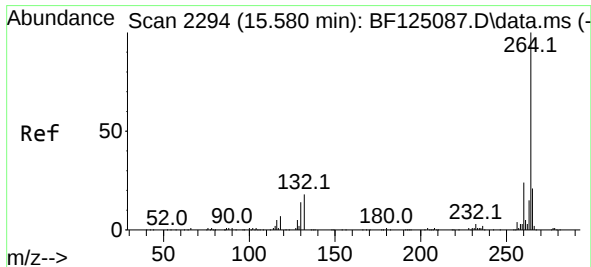
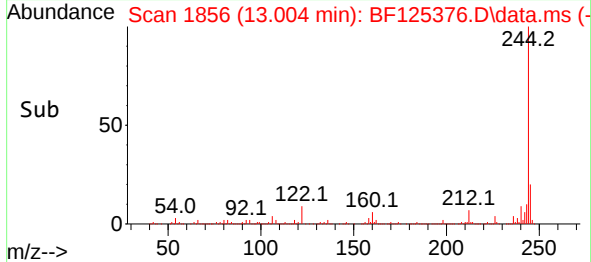
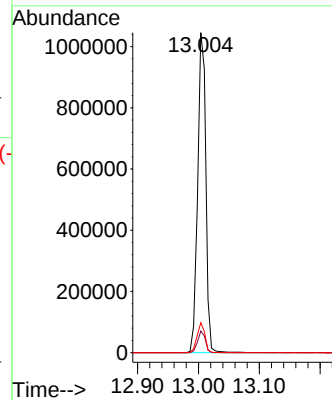
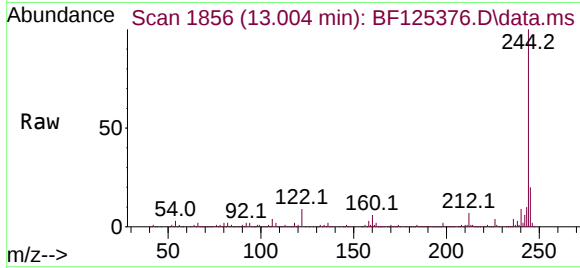




#79
Terphenyl-d14
Concen: 52.615 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

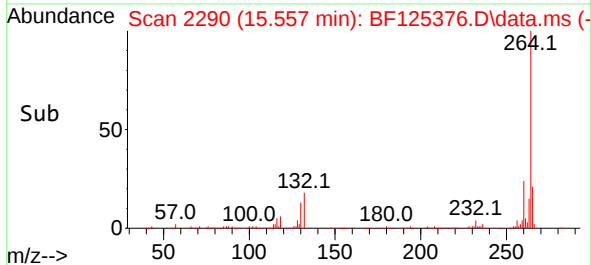
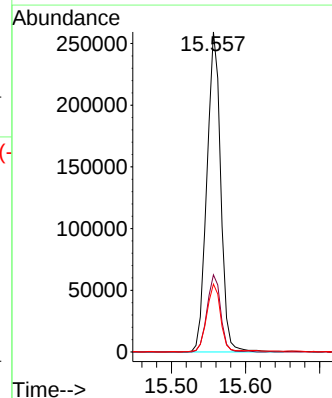
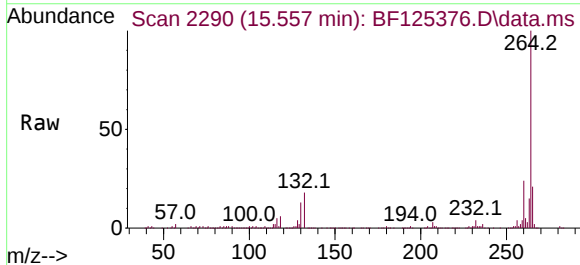
Instrument :
BNA_F
ClientSampleId :
20211052-SI-COMPOSITE-1

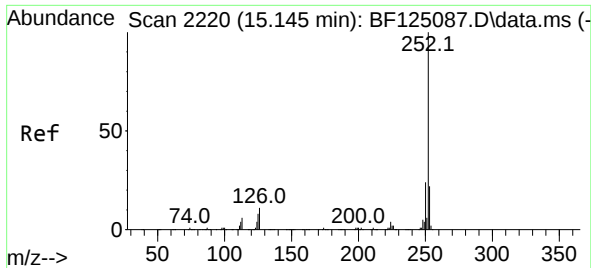
Tgt Ion:244 Resp: 973561
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion:264 Resp: 336332
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.2 17.2 25.8

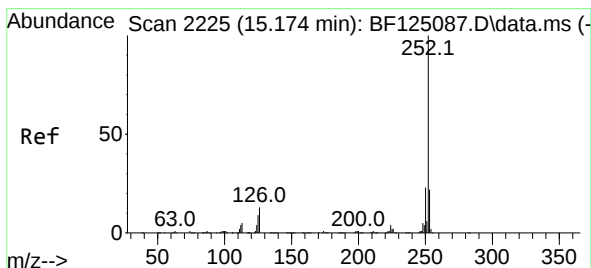
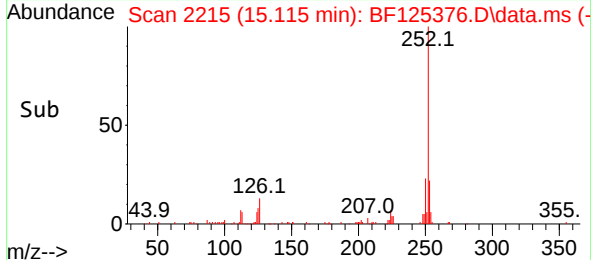
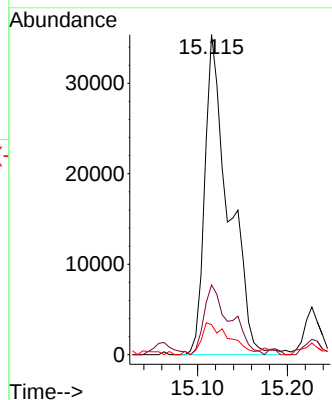
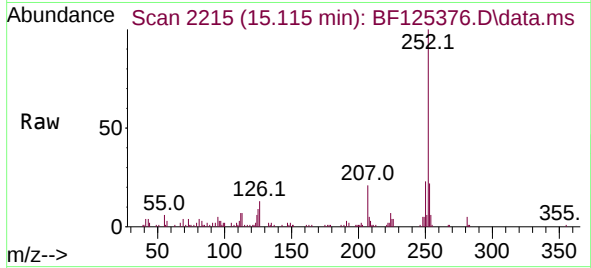




#88
Benzo(b)fluoranthene
Concen: 2.653 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Instrument :
BNA_F
ClientSampleId :
20211052-SI-COMPOSITE-1

Tgt Ion:252 Resp: 65200
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 9.3 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.844 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.035 min
Lab File: BF125376.D
Acq: 4 Sep 2021 18:53

Tgt Ion:252 Resp: 65200
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.3 7.2 10.8

