

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
 Data File : BF125356.D
 Acq On : 3 Sep 2021 20:22
 Operator : JU/CG
 Sample : M3646-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 06-07-24

Quant Time: Sep 04 00:57:02 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)

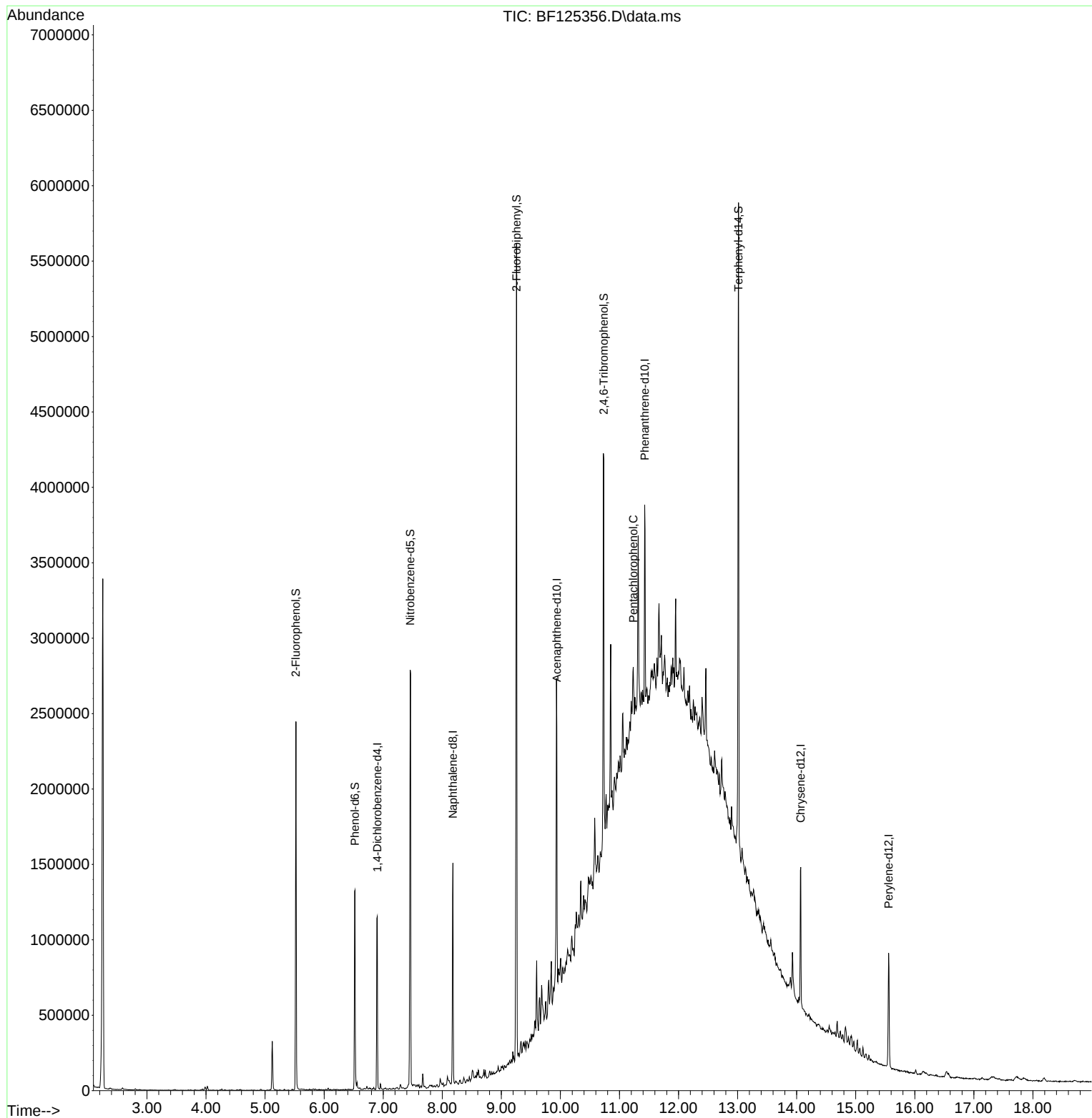
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	174010	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	669509	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	319837	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	498942	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	350986	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	336603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	574349	49.959	ng	0.00
7) Phenol-d6	6.522	99	454293	30.554	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1052934	79.176	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	442726	138.669	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1808175	78.794	ng	0.00
79) Terphenyl-d14	13.016	244	1658447	75.275	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.233	266	33822	9.398	ng	Qvalue 92

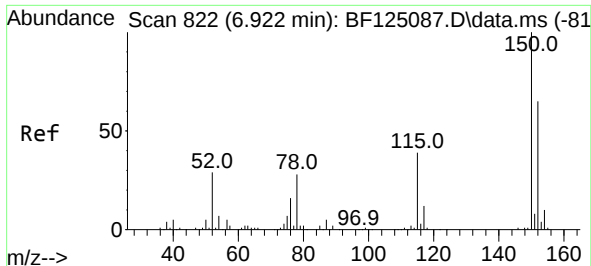
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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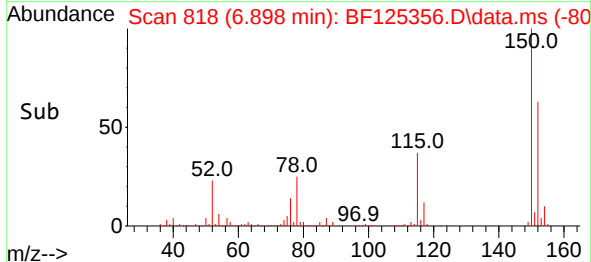
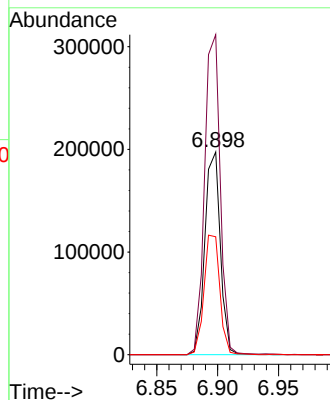
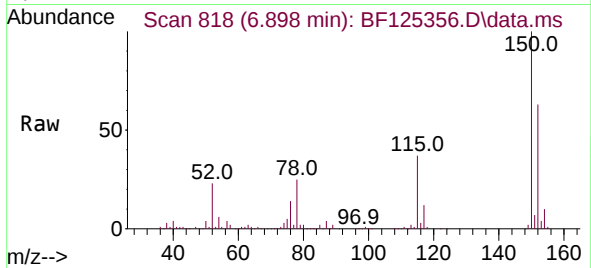




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

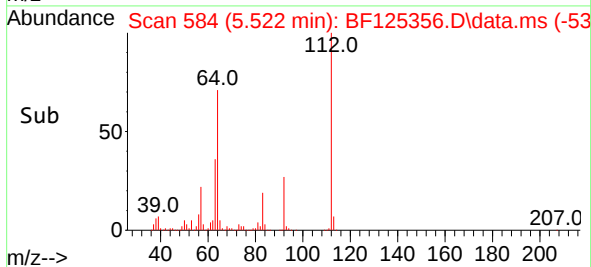
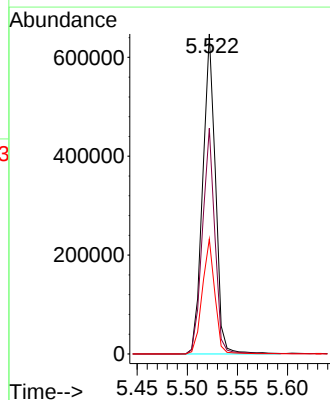
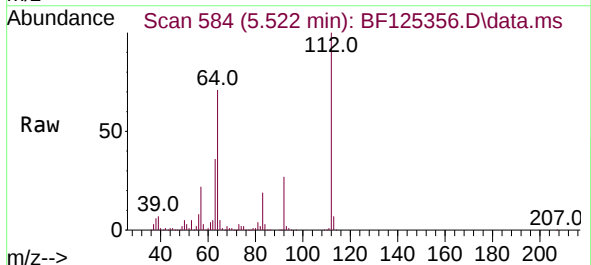
Instrument :
BNA_F
ClientSampleId :
06-07-24

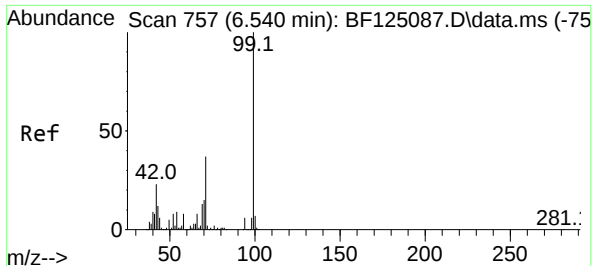
Tgt Ion:152 Resp: 174010
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 58.2 47.1 70.7



#5
2-Fluorophenol
Concen: 49.959 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

Tgt Ion:112 Resp: 574349
Ion Ratio Lower Upper
112 100
64 70.5 44.2 66.2#
63 35.9 26.2 39.2

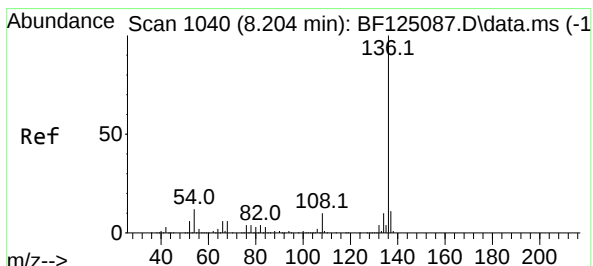
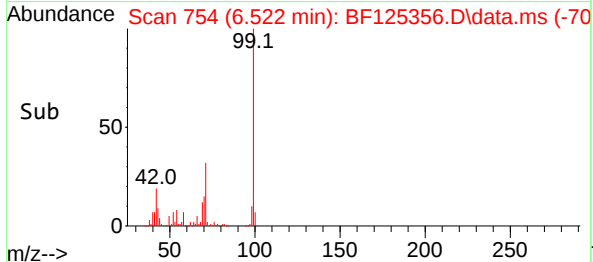
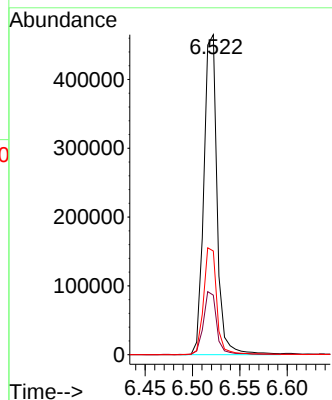
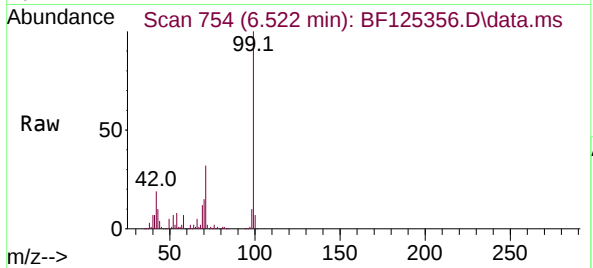




#7
Phenol-d6
Concen: 30.554 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

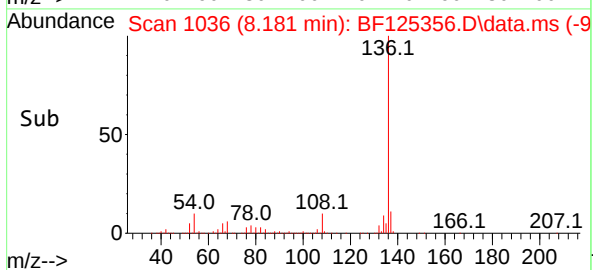
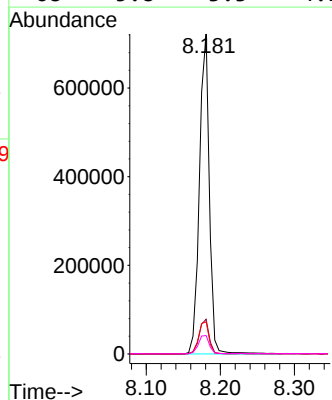
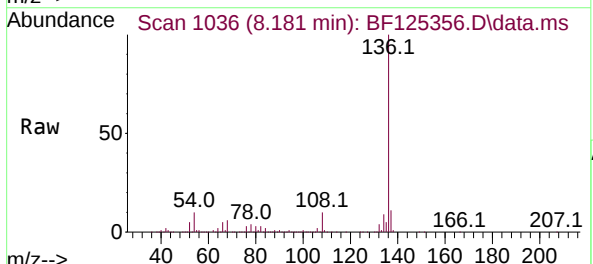
Instrument :
BNA_F
ClientSampleId :
06-07-24

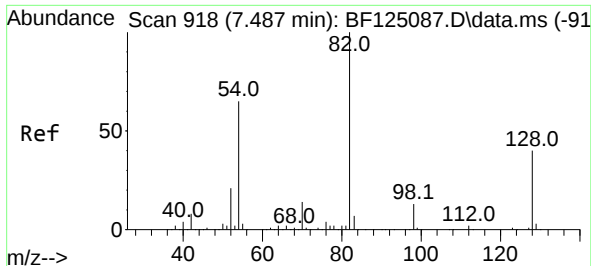
Tgt Ion: 99 Resp: 454293
Ion Ratio Lower Upper
99 100
42 18.6 23.5 35.3#
71 32.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

Tgt Ion: 136 Resp: 669509
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.0 6.4 9.6#
68 5.8 3.3 4.9#

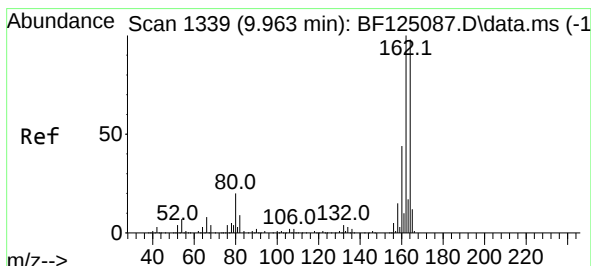
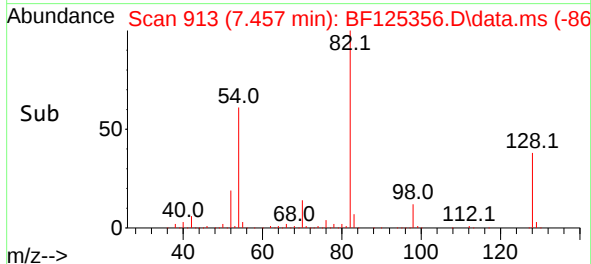
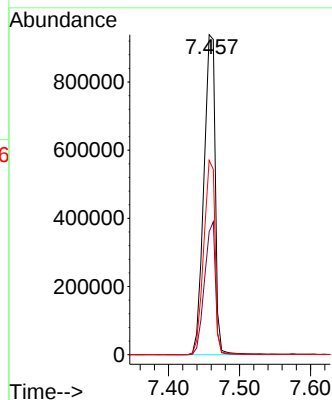
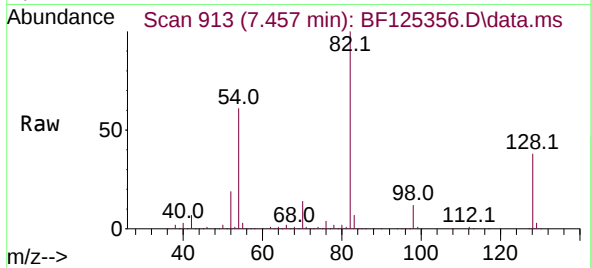




#23
Nitrobenzene-d5
Concen: 79.176 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

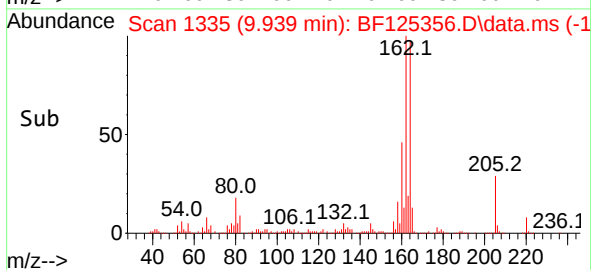
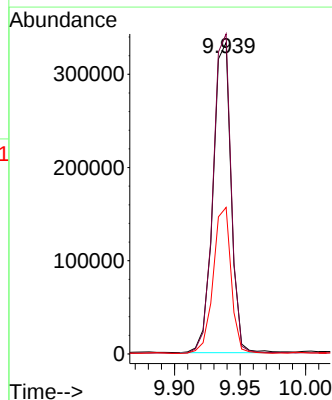
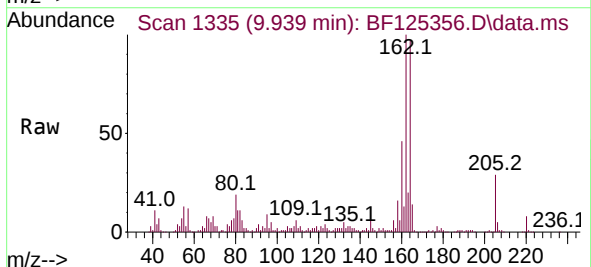
Instrument :
BNA_F
ClientSampleId :
06-07-24

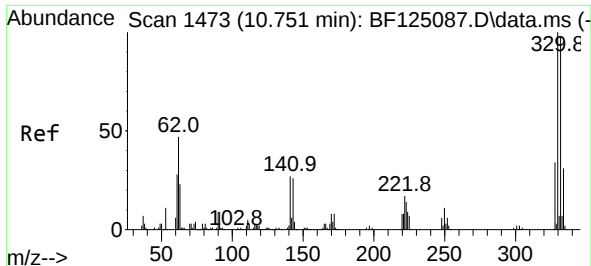
Tgt Ion: 82 Resp: 1052934
Ion Ratio Lower Upper
82 100
128 38.4 40.6 60.8#
54 60.7 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

Tgt Ion:164 Resp: 319837
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 47.1 38.0 57.0

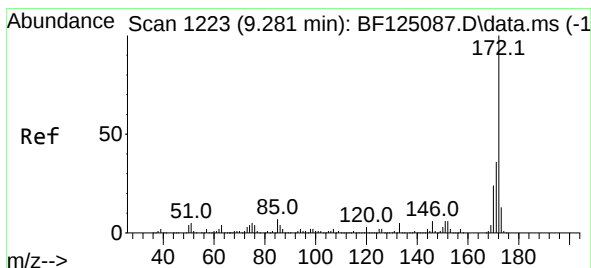
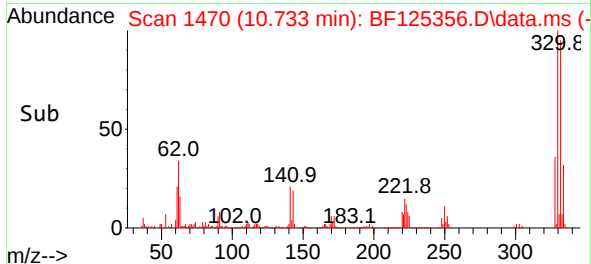
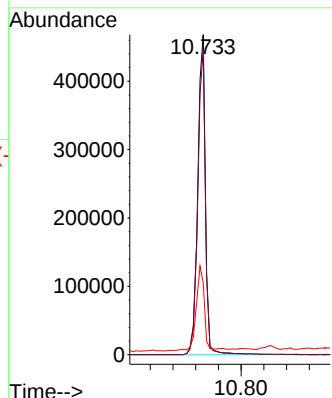
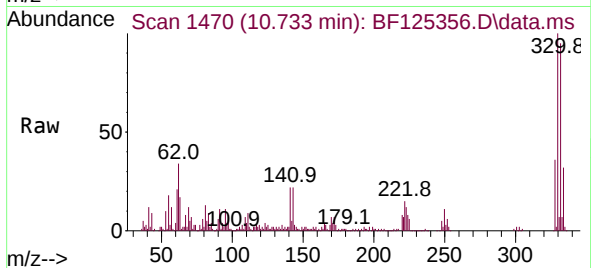




#42
2,4,6-Tribromophenol
Concen: 138.669 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

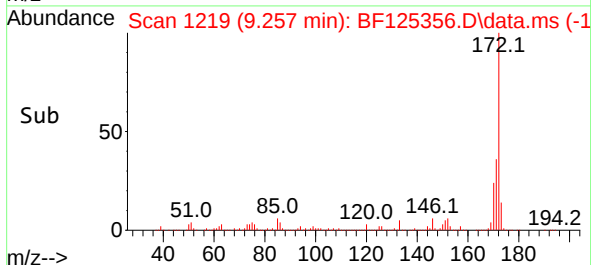
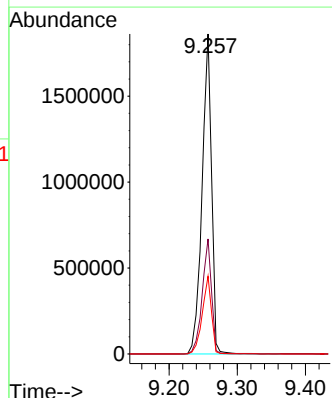
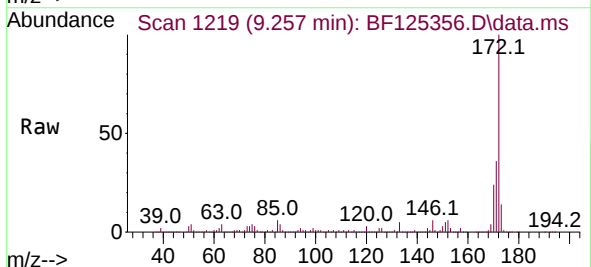
Instrument :
BNA_F
ClientSampled :
06-07-24

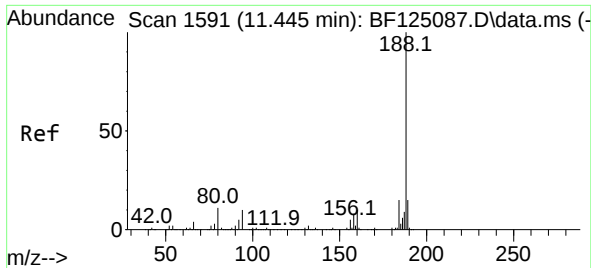
Tgt Ion:330 Resp: 442726
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 27.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 78.794 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

Tgt Ion:172 Resp: 1808175
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.3 18.8 28.2

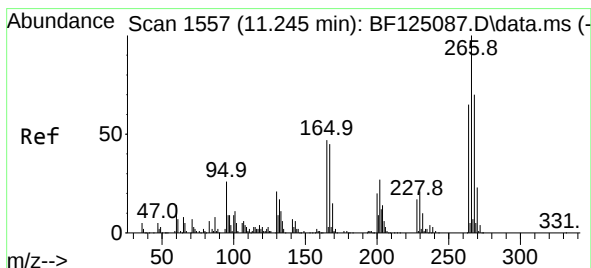
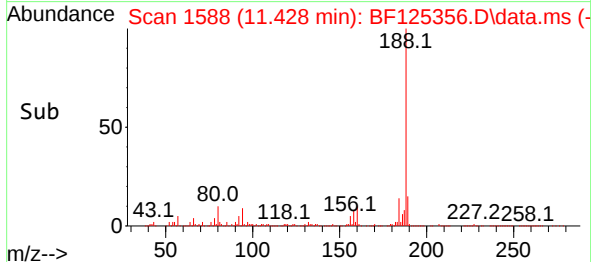
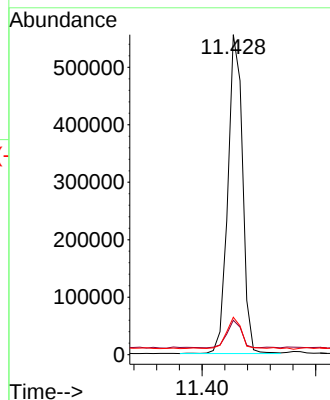
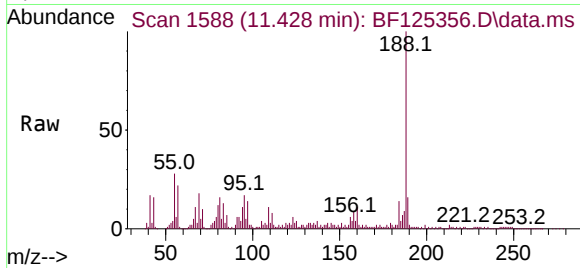




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

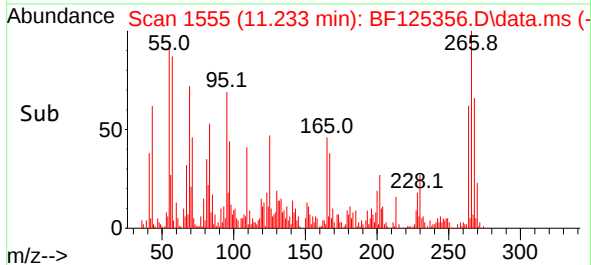
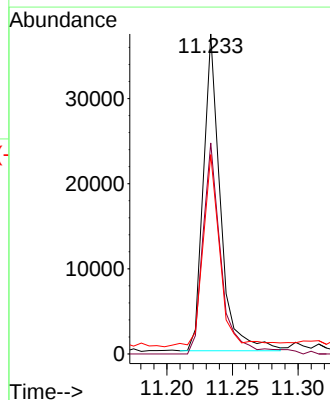
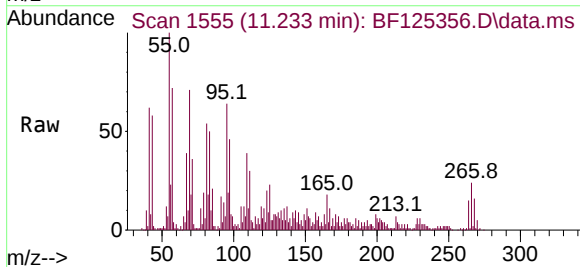
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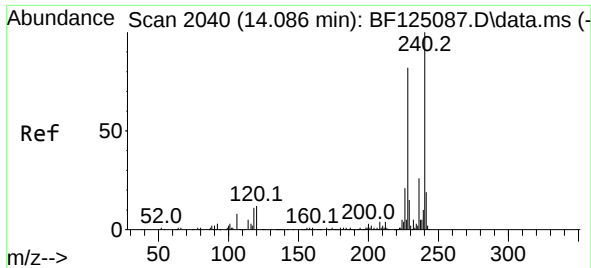
Tgt Ion:188 Resp: 498942
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.7 7.5 11.3#



#70
Pentachlorophenol
Concen: 9.398 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

Tgt Ion:266 Resp: 33822
Ion Ratio Lower Upper
266 100
268 65.9 48.9 73.3
264 62.3 55.9 83.9

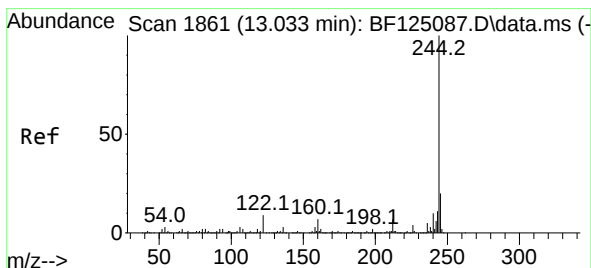
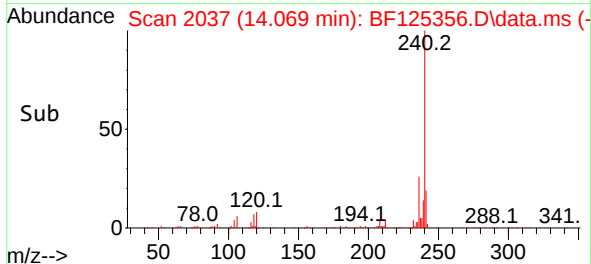
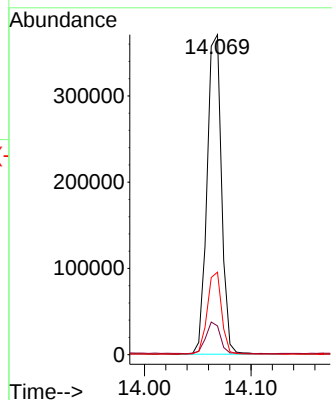
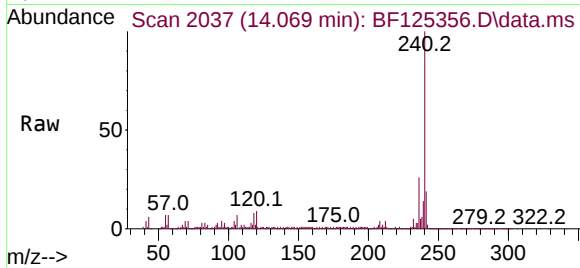




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

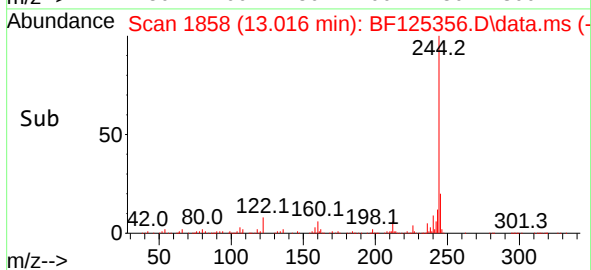
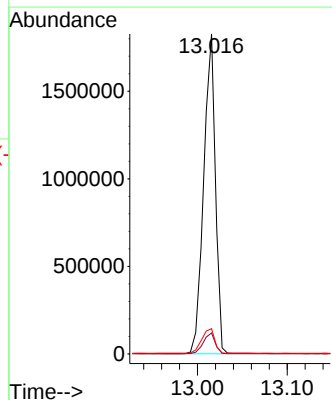
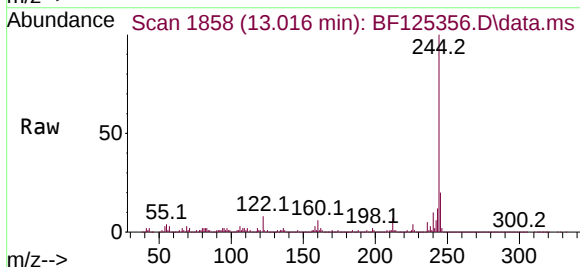
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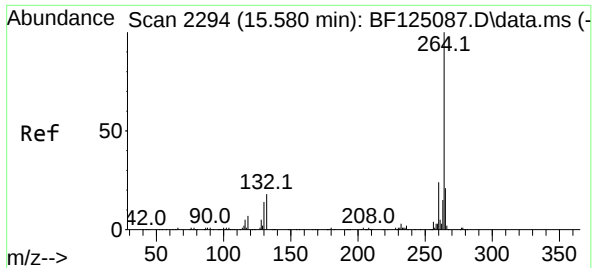
Tgt Ion:240 Resp: 350986
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 75.275 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125356.D
Acq: 3 Sep 2021 20:22

Tgt Ion:244 Resp: 1658447
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 7.9 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: BF125356.D
 Acq: 3 Sep 2021 20:22

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264	Resp:	336603
Ion Ratio	Lower	Upper
264	100	
260	24.3	19.6 29.4
265	22.1	17.2 25.8

