

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125336.D
 Acq On : 2 Sep 2021 23:24
 Operator : JU/CG
 Sample : M3609-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-083121

Quant Time: Sep 03 05:01:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

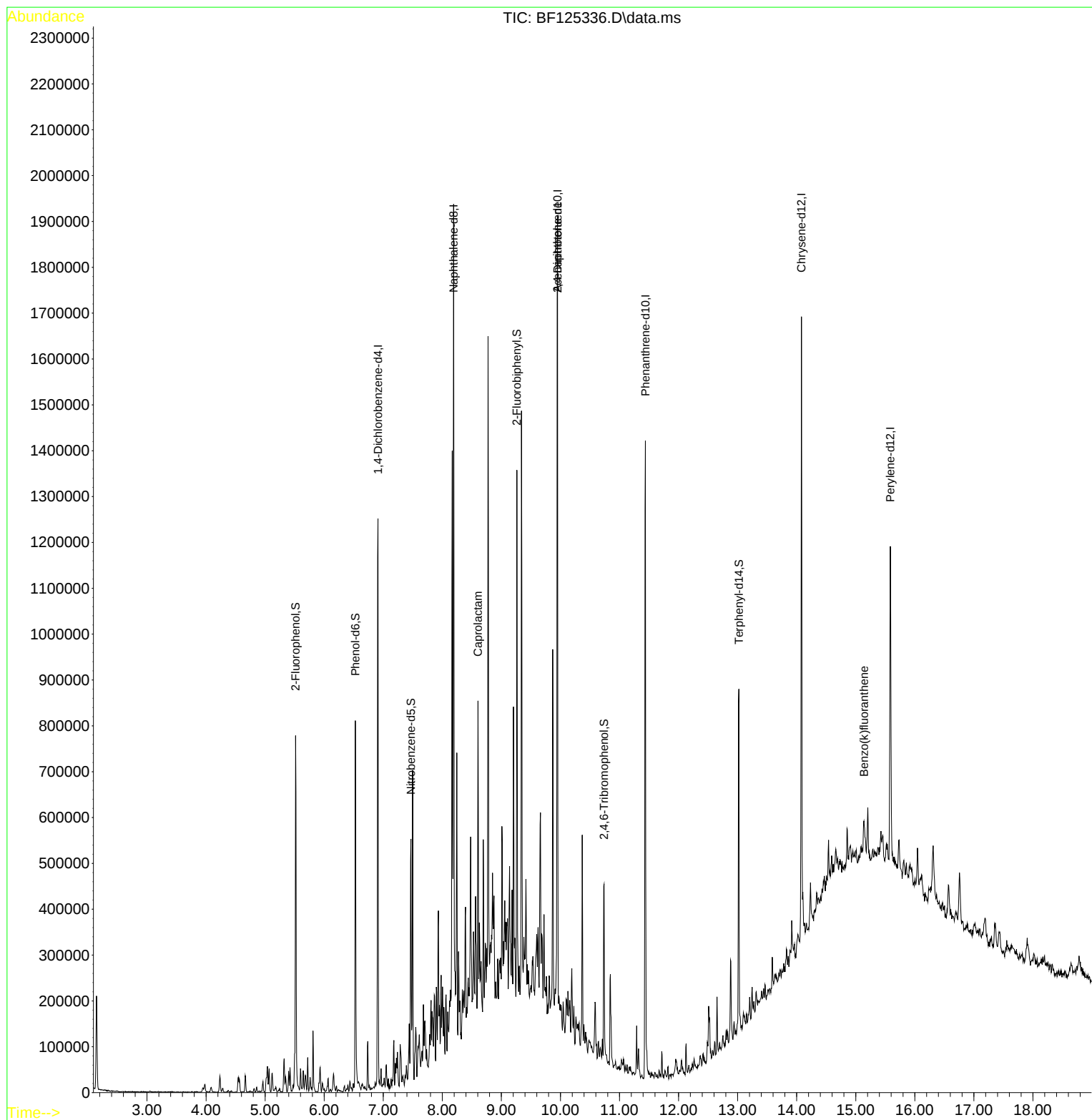
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	181054	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	714106	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	356512	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	537095	20.000	ng	0.00
76) Chrysene-d12	14.080	240	439152	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	299165	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	207938	17.383	ng	-0.01
7) Phenol-d6	6.528	99	267897	17.317	ng	-0.01
23) Nitrobenzene-d5	7.469	82	159689	11.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	53844	15.130	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	320907	12.545	ng	-0.01
79) Terphenyl-d14	13.021	244	270334	9.807	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	8.604	113	10311	3.613	ng	# 1
57) 2,4-Dinitrotoluene	9.951	165	47393	7.310	ng	# 21
89) Benzo(k)fluoranthene	15.139	252	42043	2.061	ng	# 70

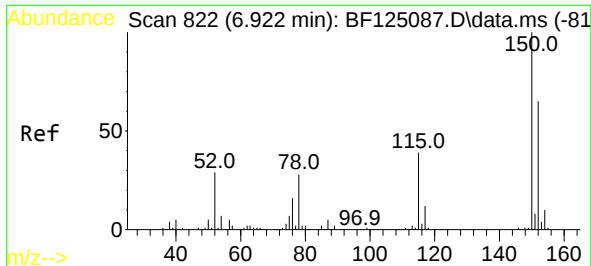
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 24 12:39:21 2021
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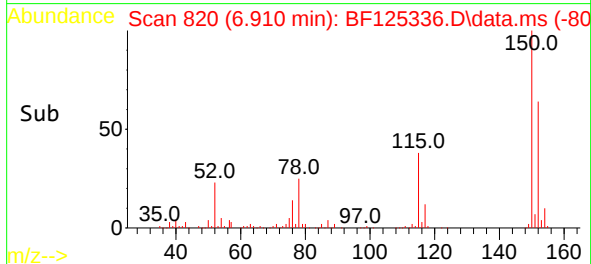
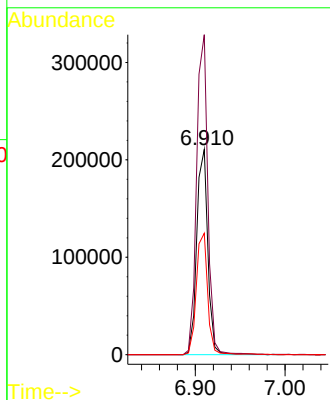
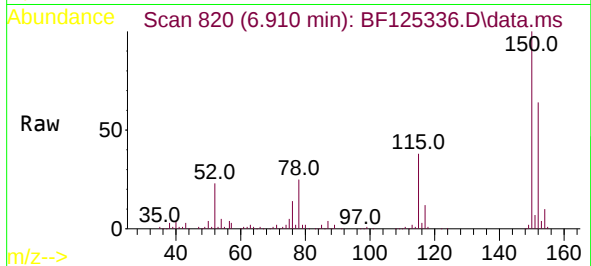




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

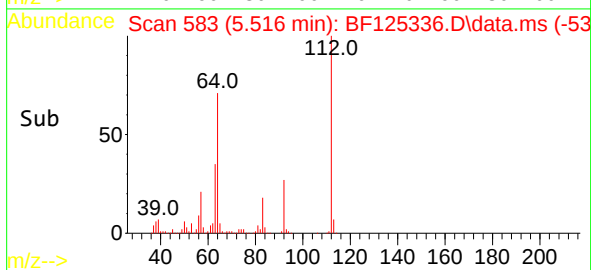
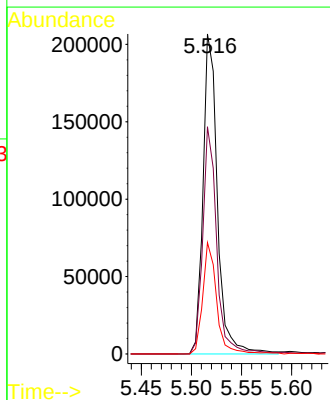
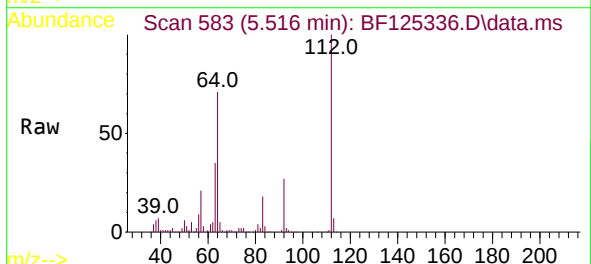
Instrument :
BNA_F
ClientSampleId :
EO-01-083121

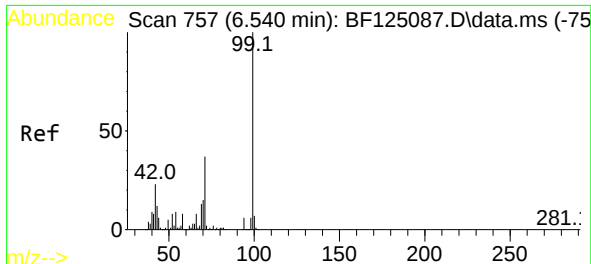
Tgt Ion:152 Resp: 181054
Ion Ratio Lower Upper
152 100
150 155.9 117.6 176.4
115 59.2 47.1 70.7



#5
2-Fluorophenol
Concen: 17.383 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

Tgt Ion:112 Resp: 207938
Ion Ratio Lower Upper
112 100
64 71.0 44.2 66.2#
63 34.8 26.2 39.2

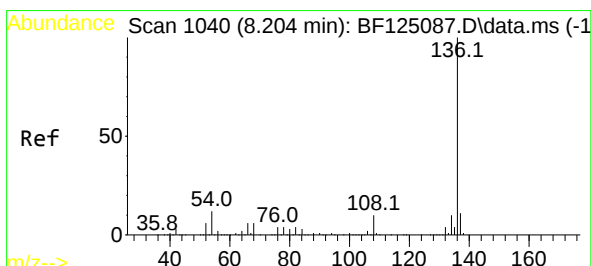
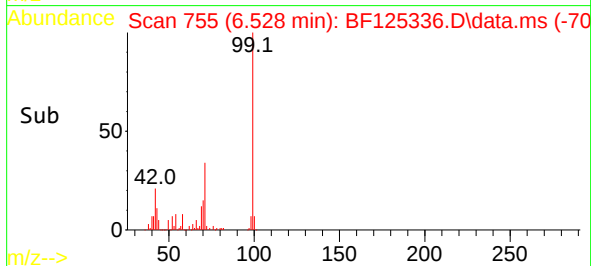
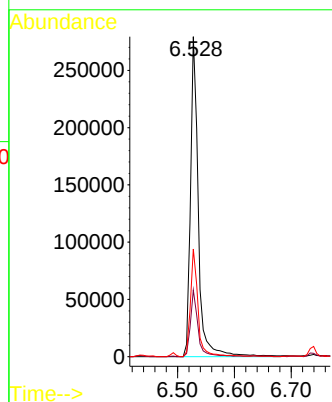
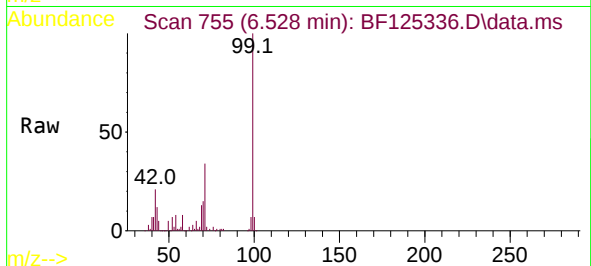




#7
Phenol-d6
Concen: 17.317 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

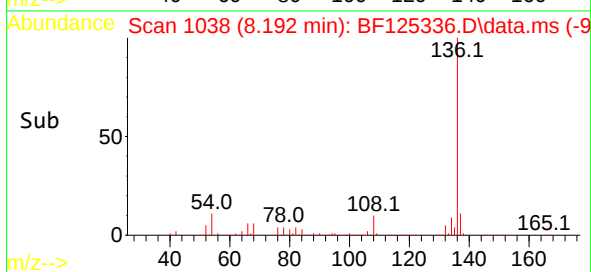
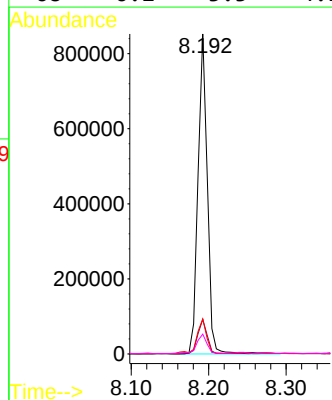
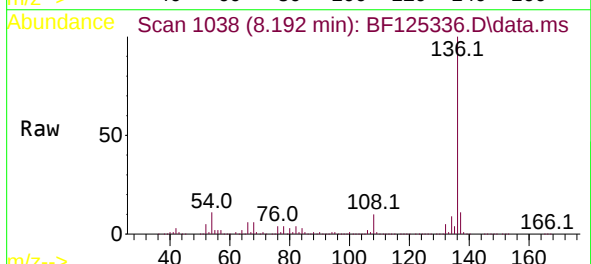
Instrument :
BNA_F
ClientSampleId :
EO-01-083121

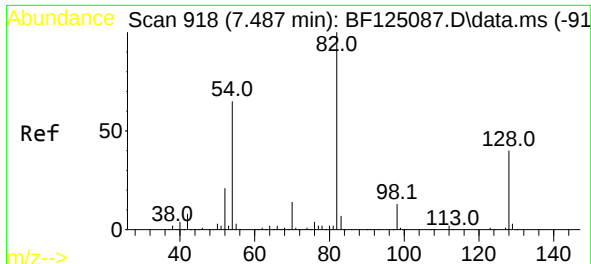
Tgt Ion: 99 Resp: 267897
Ion Ratio Lower Upper
99 100
42 20.8 23.5 35.3#
71 33.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

Tgt Ion: 136 Resp: 714106
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 11.0 6.4 9.6#
68 6.2 3.3 4.9#

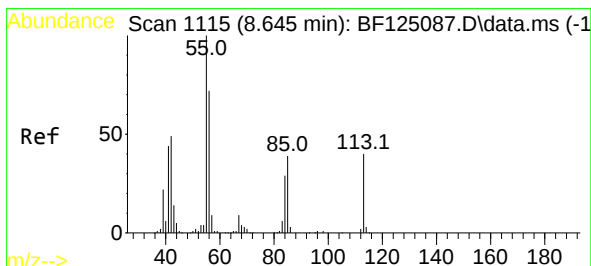
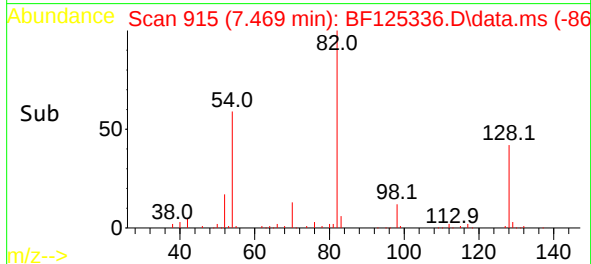
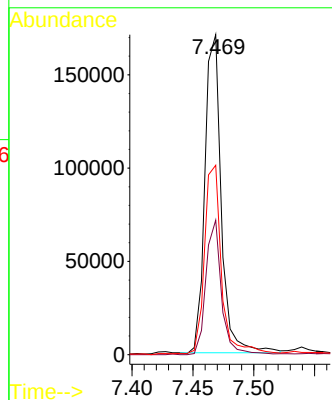
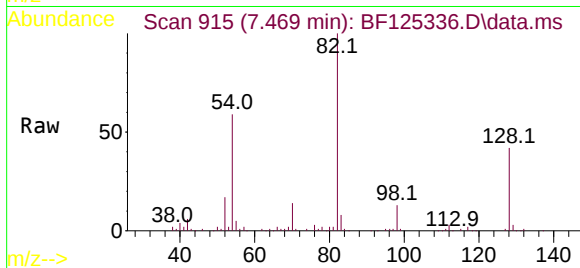




#23
Nitrobenzene-d5
Concen: 11.258 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

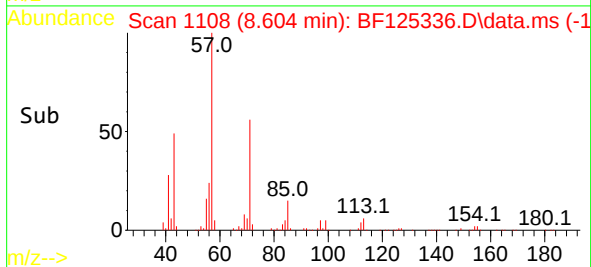
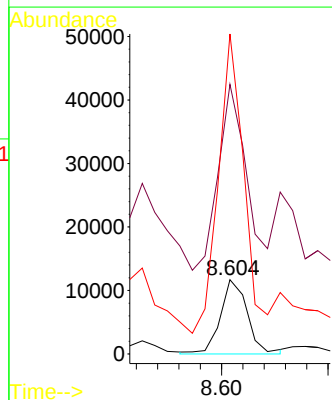
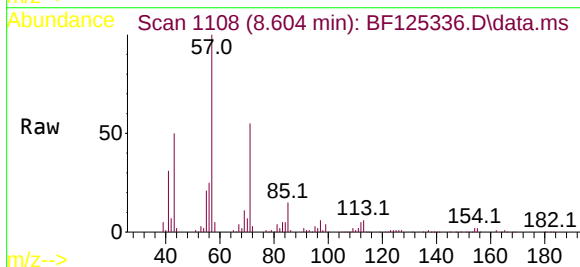
Instrument :
BNA_F
ClientSampleId :
EO-01-083121

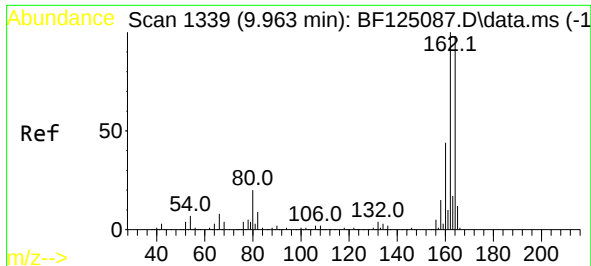
Tgt Ion: 82 Resp: 159689
Ion Ratio Lower Upper
82 100
128 42.1 40.6 60.8
54 59.2 49.6 74.4



#35
Caprolactam
Concen: 3.613 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.024 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

Tgt Ion: 113 Resp: 10311
Ion Ratio Lower Upper
113 100
55 363.5 154.1 194.1#
56 431.4 108.7 148.7#

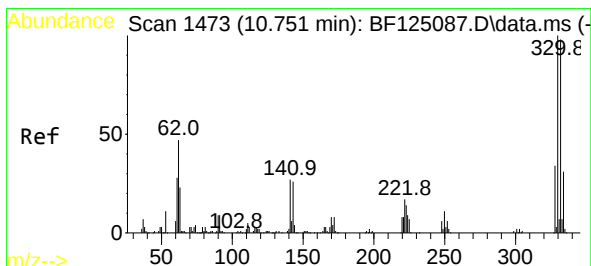
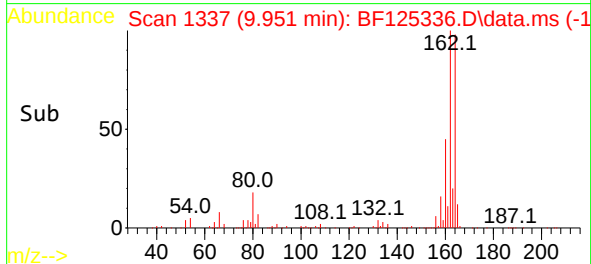
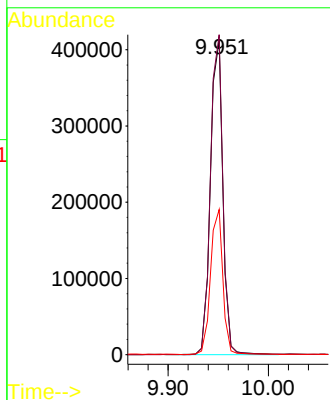
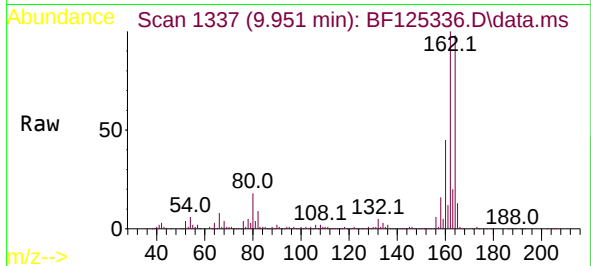




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

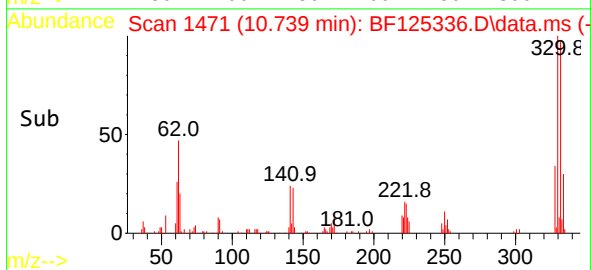
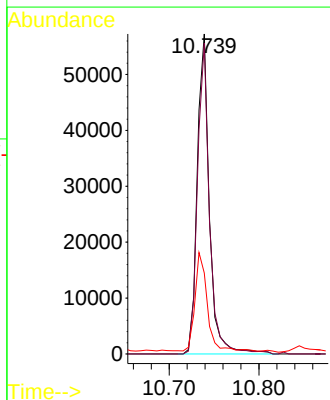
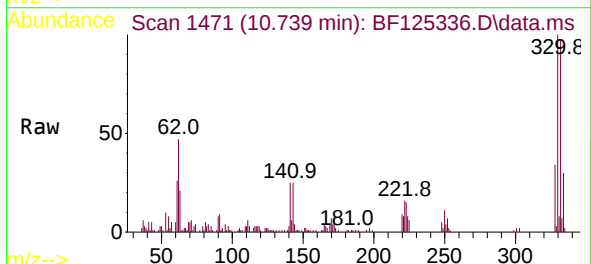
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ClientSampleId :
EO-01-083121

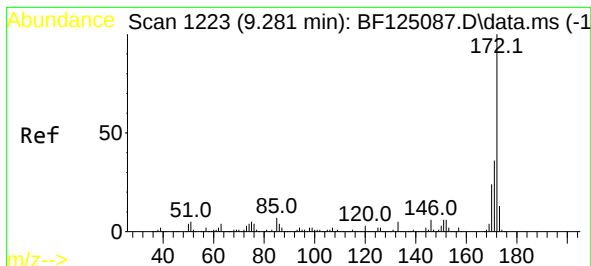
Tgt Ion:164 Resp: 356512
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 46.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 15.130 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

Tgt Ion:330 Resp: 53844
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 31.2 44.6 66.8#

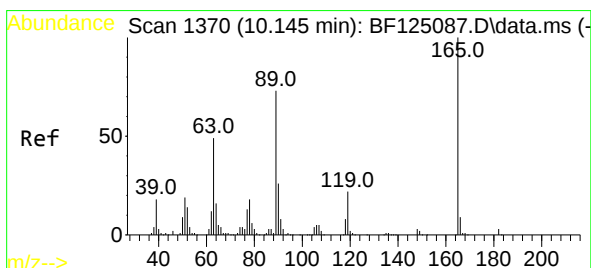
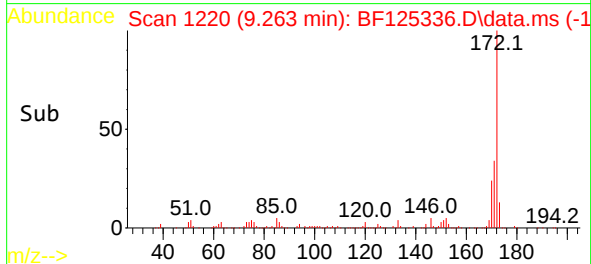
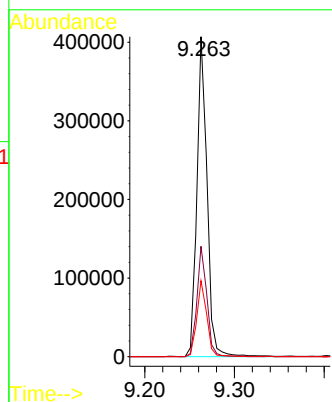
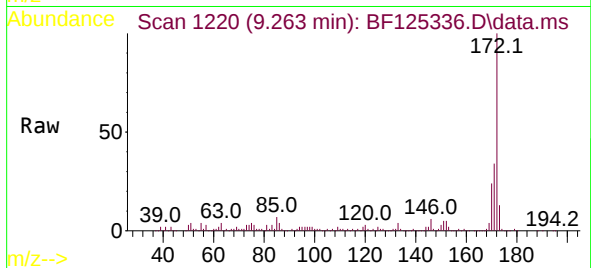




#45
2-Fluorobiphenyl
Concen: 12.545 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

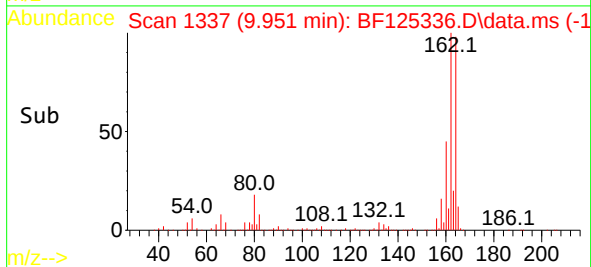
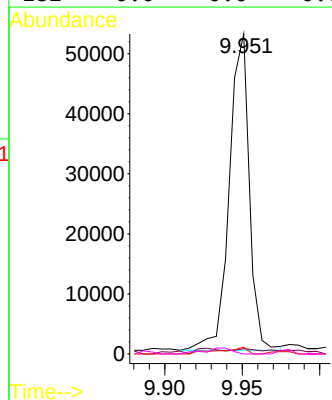
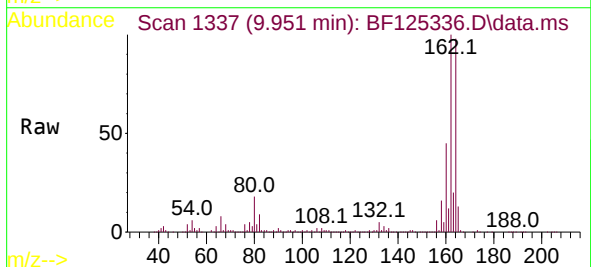
Instrument :
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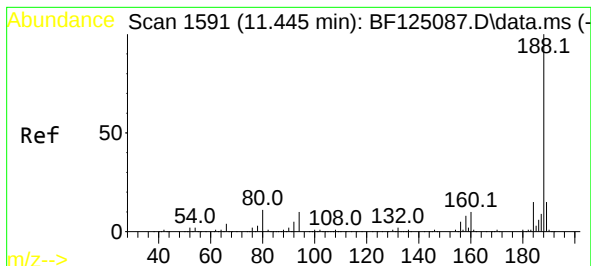
Tgt Ion:172 Resp: 320907
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.8 18.8 28.2



#57
2,4-Dinitrotoluene
Concen: 7.310 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

Tgt Ion:165 Resp: 47393
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 2.2 59.7 89.5#
182 0.0 0.0 0.0

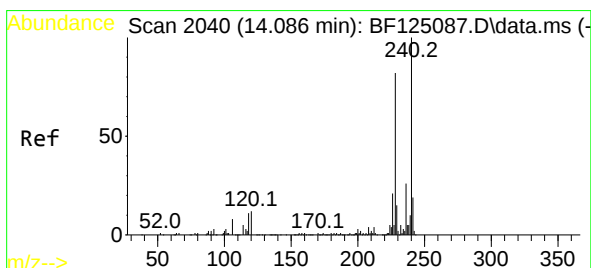
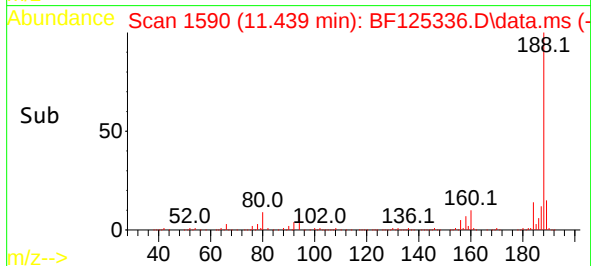
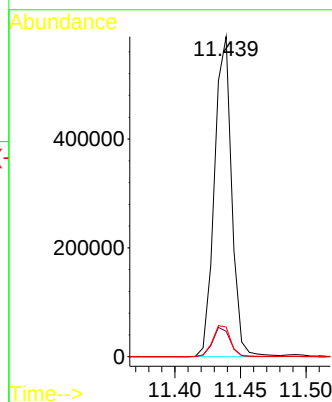
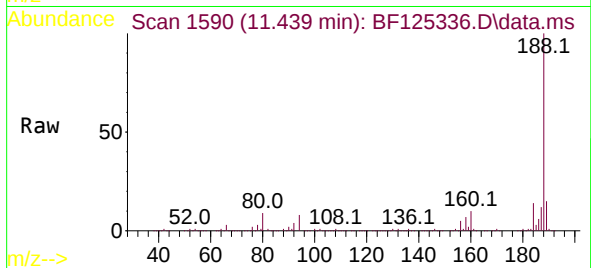




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

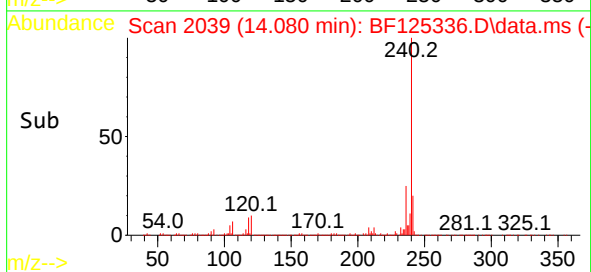
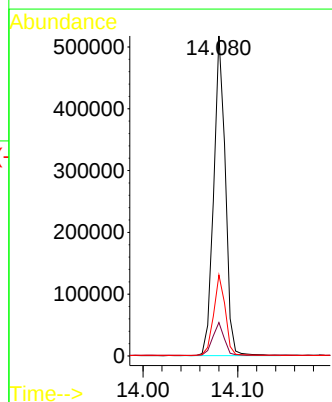
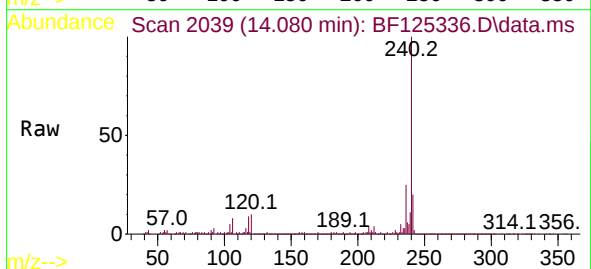
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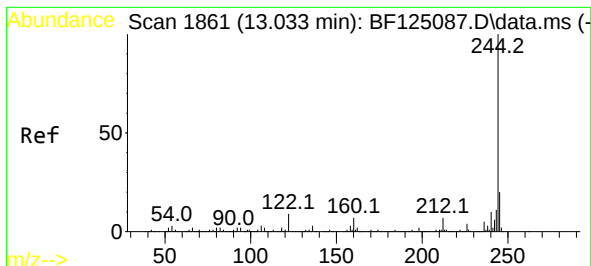
Tgt Ion:188 Resp: 537095
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.3 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

Tgt Ion:240 Resp: 439152
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.3 21.6 32.4

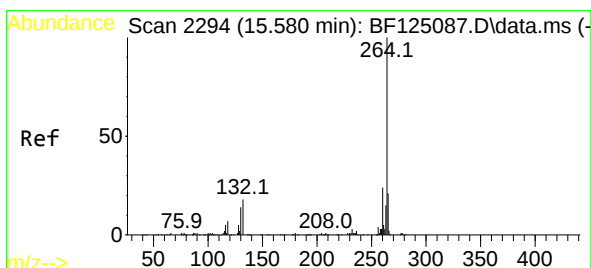
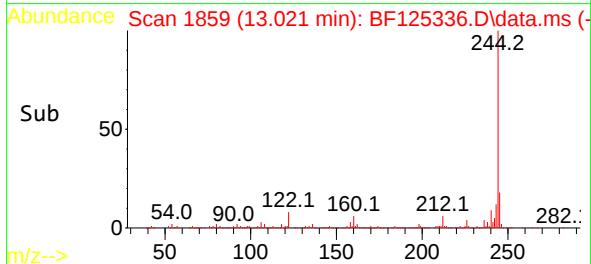
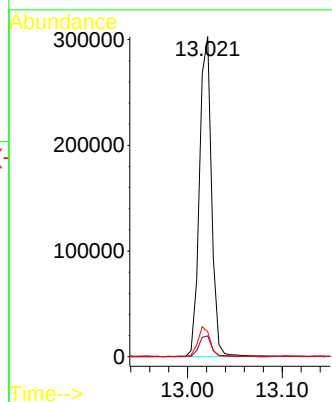
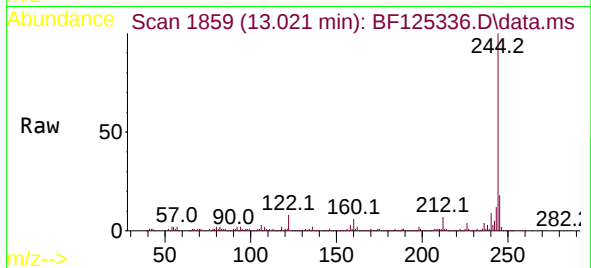




#79
Terphenyl-d14
Concen: 9.807 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

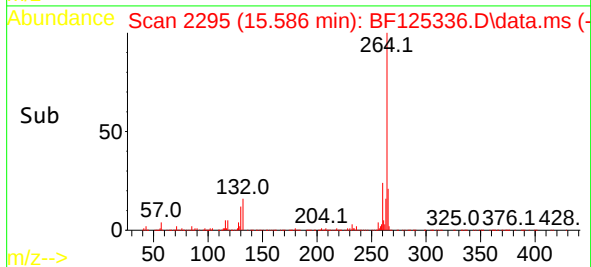
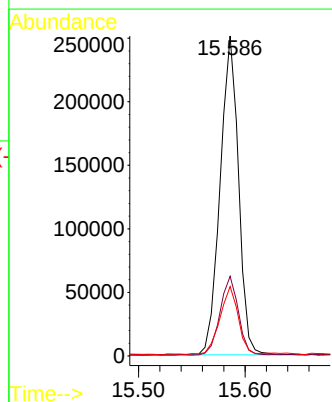
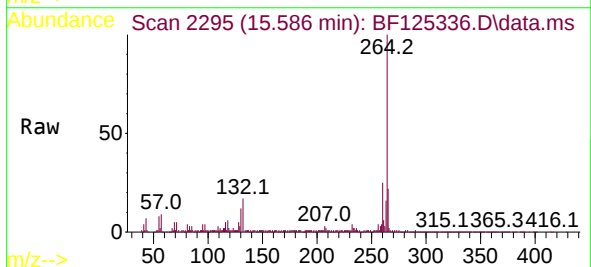
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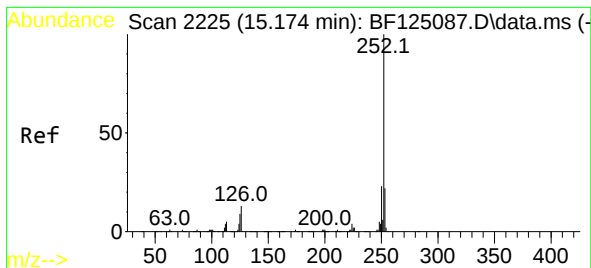
Tgt Ion:244 Resp: 270334
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 7.7 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BF125336.D
Acq: 2 Sep 2021 23:24

Tgt Ion:264 Resp: 299165
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 21.7 17.2 25.8





#89

Benzo(k)fluoranthene

Concen: 2.061 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.029 min

Lab File: BF125336.D

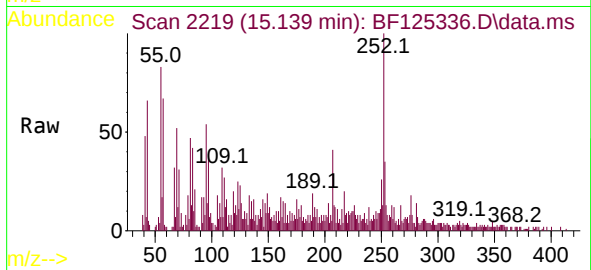
Acq: 2 Sep 2021 23:24

Instrument :

BNA_F

ClientSampleId :

EO-01-083121



Tgt Ion:252 Resp: 42043

Ion	Ratio	Lower	Upper
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252	100		
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253	35.2	17.8	26.8#
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125	22.6	7.2	10.8#
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