

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090221\
 Data File : BF125335.D
 Acq On : 2 Sep 2021 22:52
 Operator : JU/CG
 Sample : M3609-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-083121

Quant Time: Sep 03 05:00:41 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)

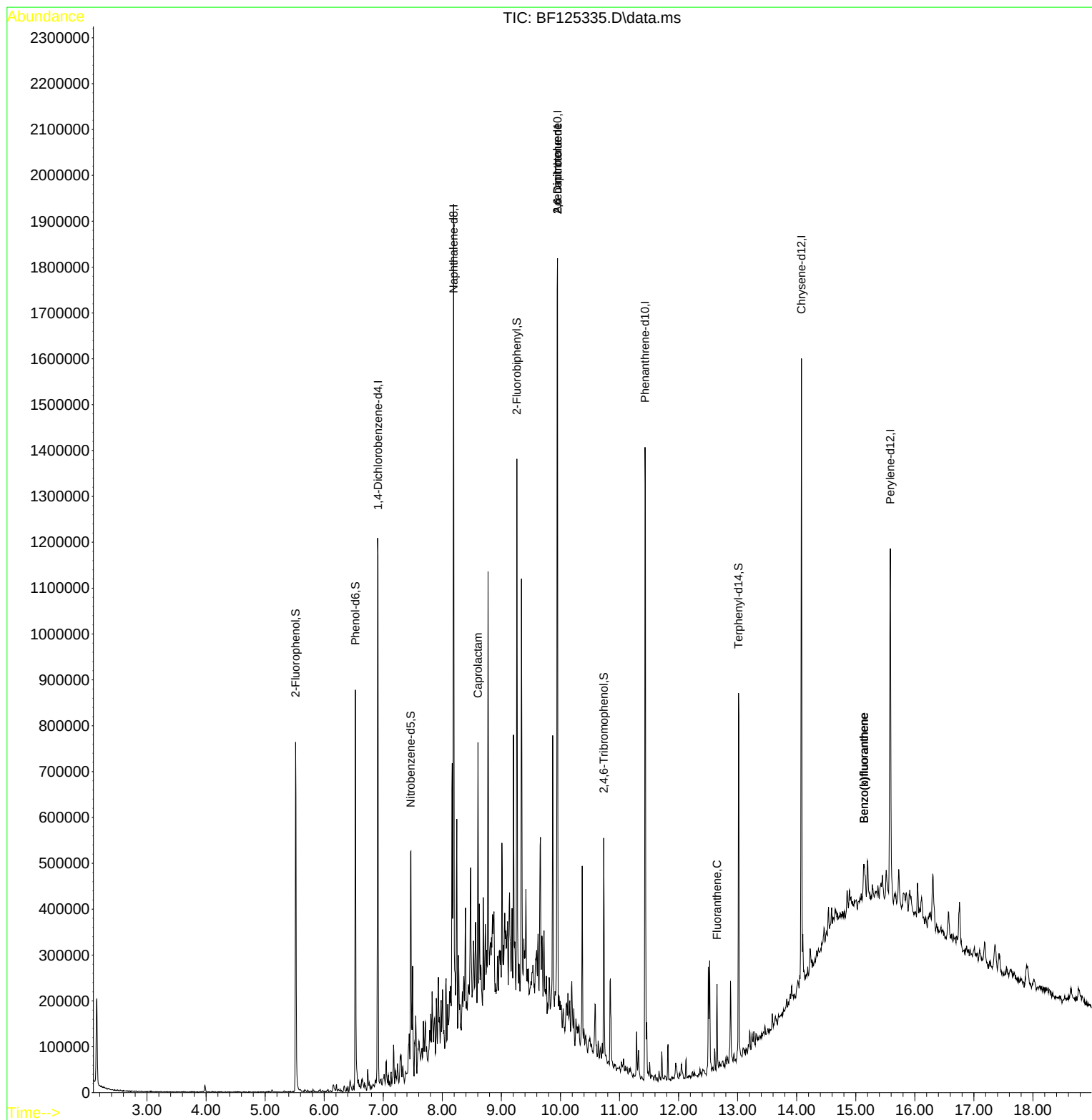
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	179840	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	699219	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	350401	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	538071	20.000	ng	0.00
76) Chrysene-d12	14.080	240	430140	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	353737	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	210587	17.724	ng	-0.01
7) Phenol-d6	6.528	99	276499	17.993	ng	-0.01
23) Nitrobenzene-d5	7.463	82	161291	11.613	ng	-0.02
42) 2,4,6-Tribromophenol	10.733	330	59148	16.910	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	329196	13.094	ng	-0.01
79) Terphenyl-d14	13.016	244	280230	10.379	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	8.604	113	8208	2.937	ng	# 1
51) 2,6-Dinitrotoluene	9.951	165	48049	9.126	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	48049	7.540	ng	# 20
75) Fluoranthene	12.651	202	67273	2.287	ng	98
88) Benzo(b)fluoranthene	15.139	252	53039	2.052	ng	# 80
89) Benzo(k)fluoranthene	15.139	252	53039	2.199	ng	# 80

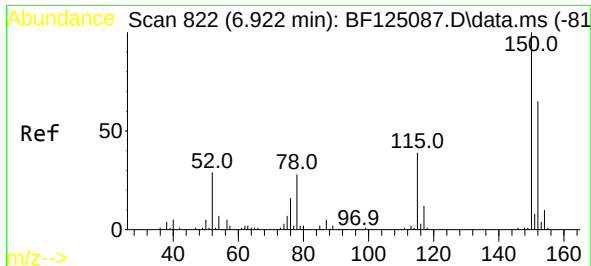
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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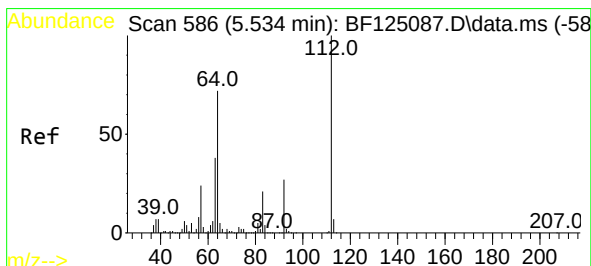
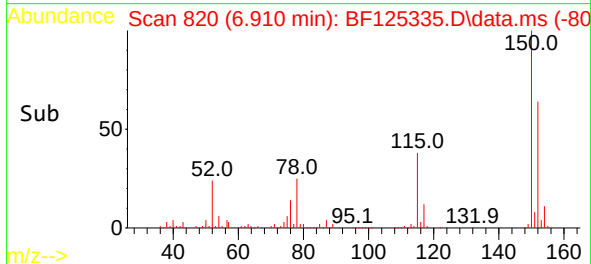
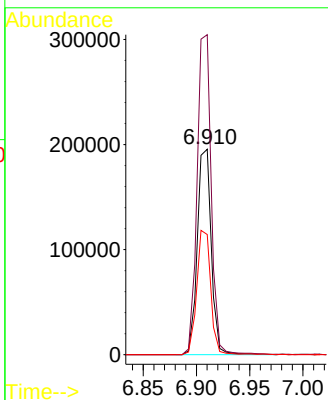
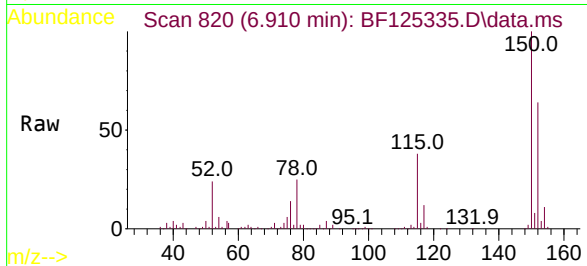




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

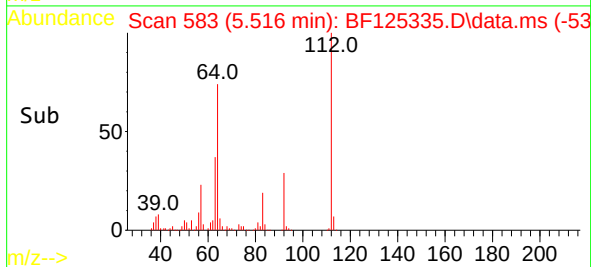
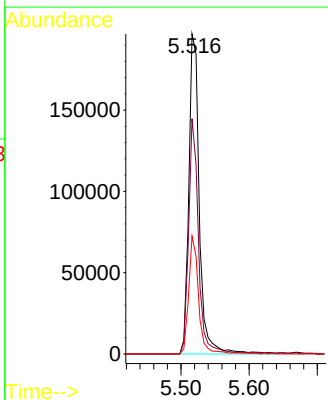
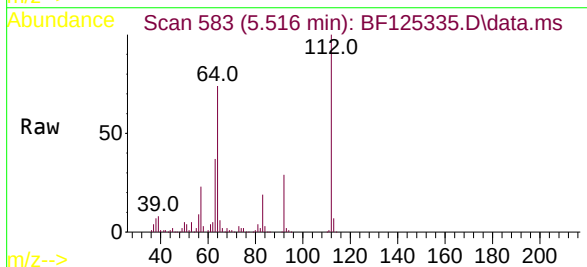
Instrument :
BNA_F
ClientSampleId :
EO-03-083121

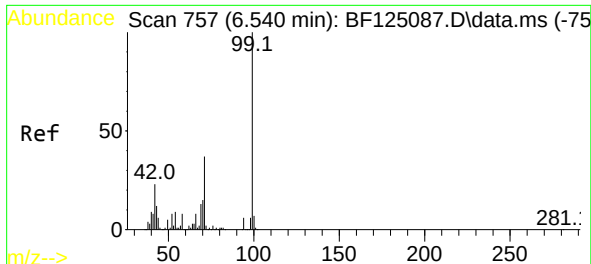
Tgt Ion:152 Resp: 179840
Ion Ratio Lower Upper
152 100
150 155.7 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 17.724 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

Tgt Ion:112 Resp: 210587
Ion Ratio Lower Upper
112 100
64 73.5 44.2 66.2#
63 36.8 26.2 39.2

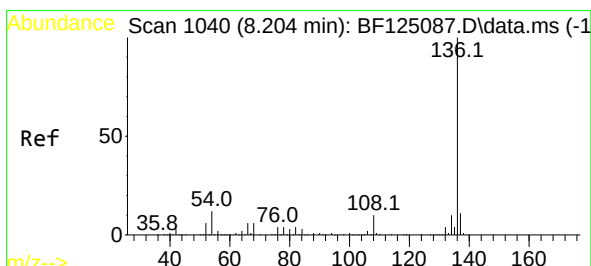
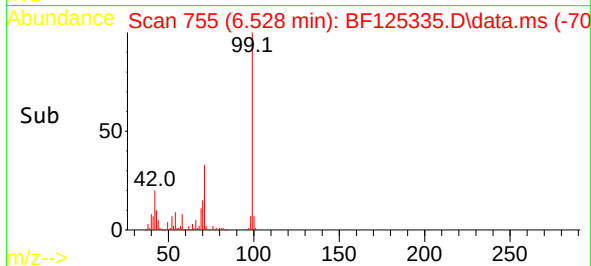
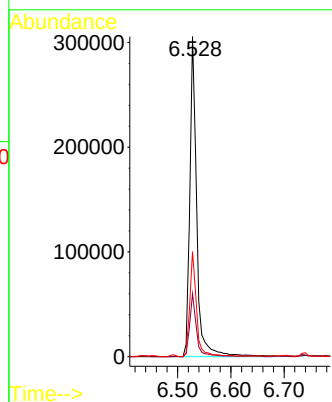
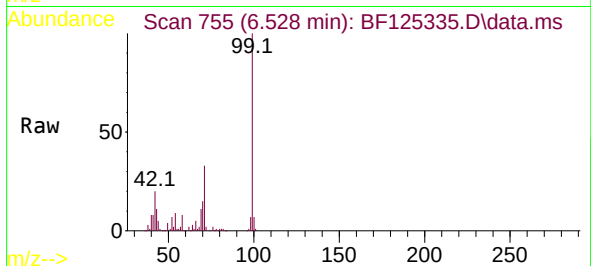




#7
Phenol-d6
Concen: 17.993 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

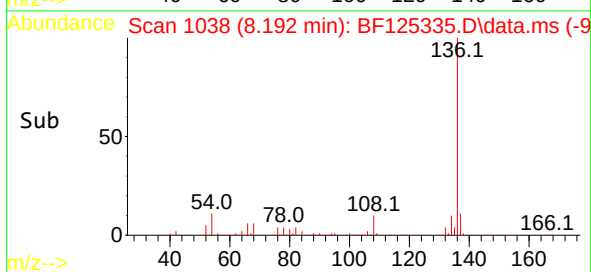
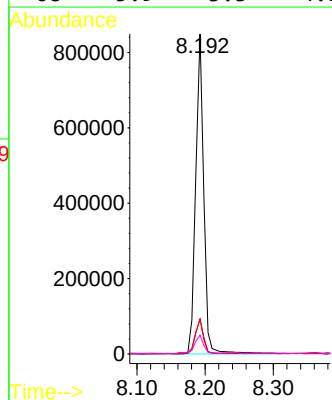
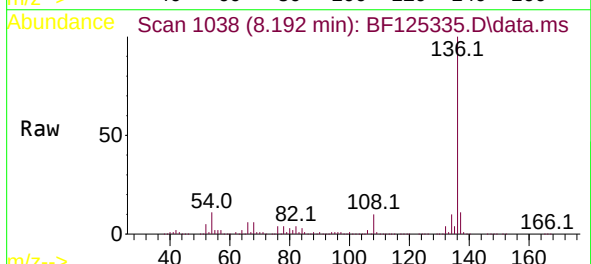
Instrument :
BNA_F
ClientSampleId :
EO-03-083121

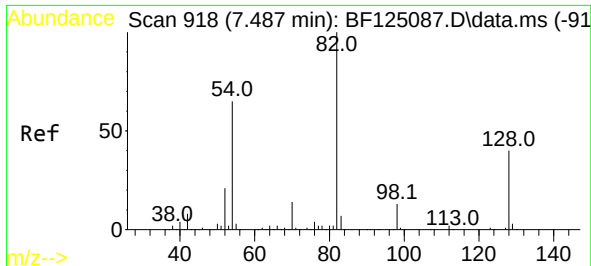
Tgt Ion: 99 Resp: 276499
Ion Ratio Lower Upper
99 100
42 19.7 23.5 35.3#
71 32.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

Tgt Ion: 136 Resp: 699219
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.8 6.4 9.6#
68 5.9 3.3 4.9#

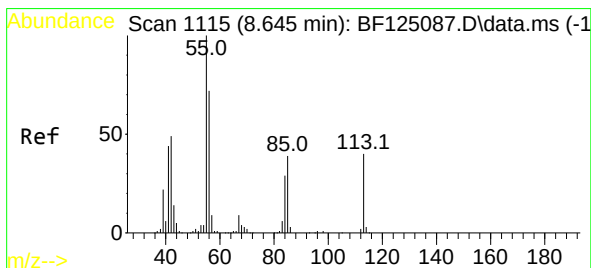
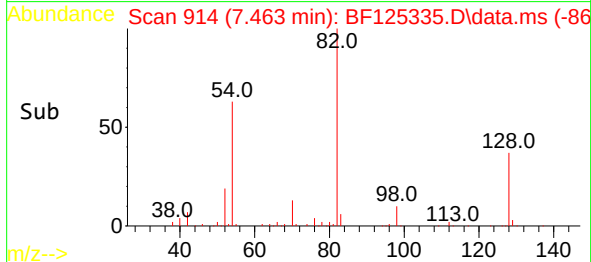
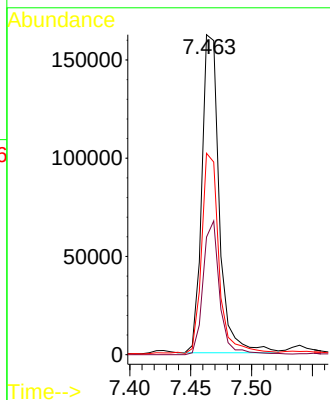
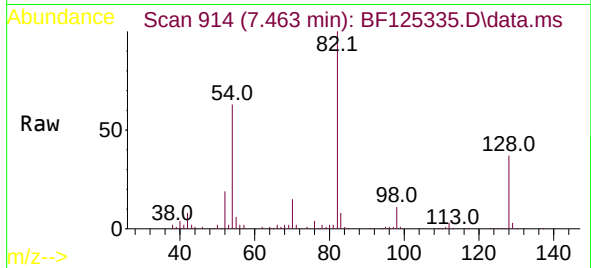




#23
Nitrobenzene-d5
Concen: 11.613 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.018 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

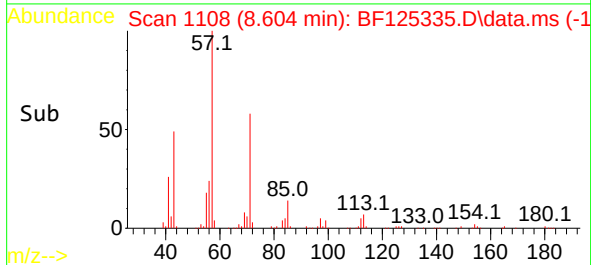
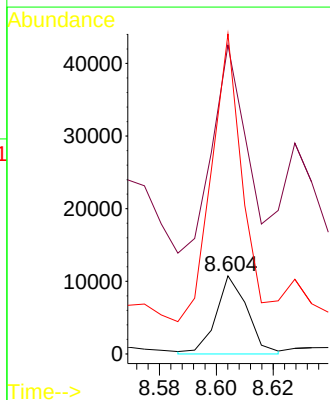
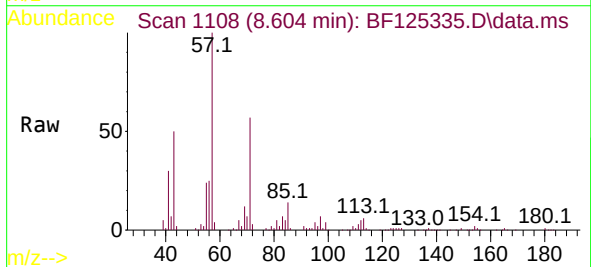
Instrument :
BNA_F
ClientSampleId :
EO-03-083121

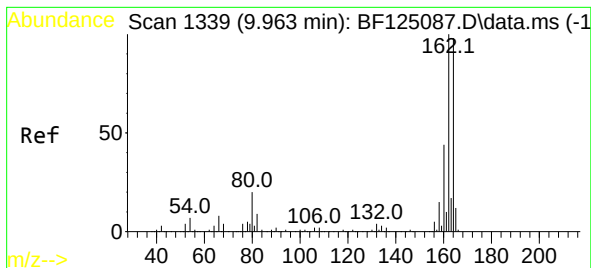
Tgt Ion: 82 Resp: 161291
Ion Ratio Lower Upper
82 100
128 36.8 40.6 60.8#
54 62.9 49.6 74.4



#35
Caprolactam
Concen: 2.937 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.023 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

Tgt Ion: 113 Resp: 8208
Ion Ratio Lower Upper
113 100
55 395.8 154.1 194.1#
56 410.0 108.7 148.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF125335.D

Acq: 2 Sep 2021 22:52

Instrument :

BNA_F

ClientSampleId :

EO-03-083121

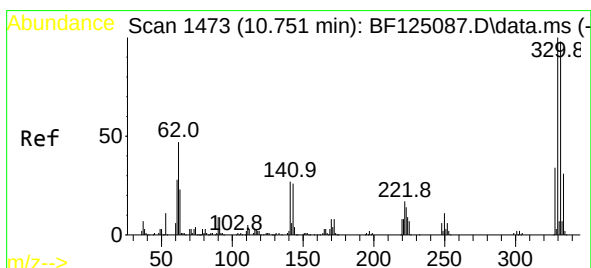
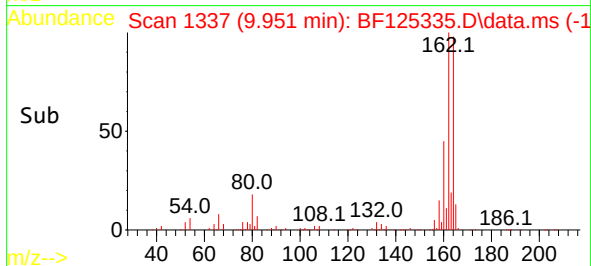
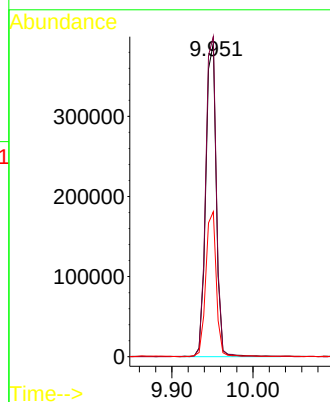
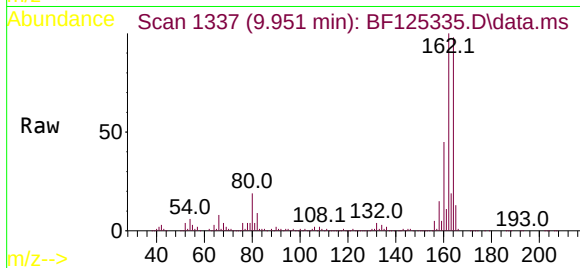
Tgt Ion:164 Resp: 350401

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

160 46.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 16.910 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.006 min

Lab File: BF125335.D

Acq: 2 Sep 2021 22:52

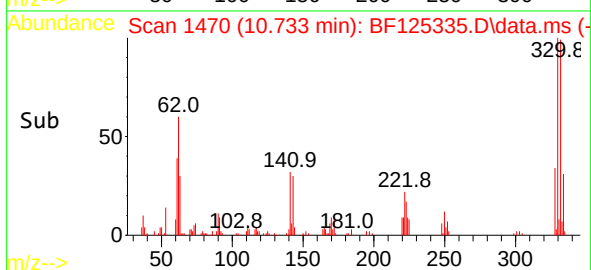
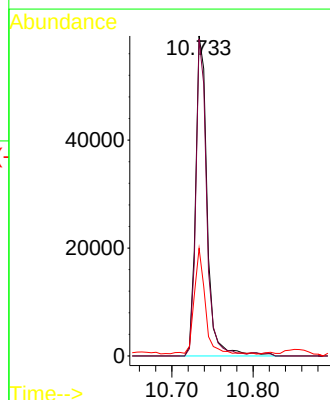
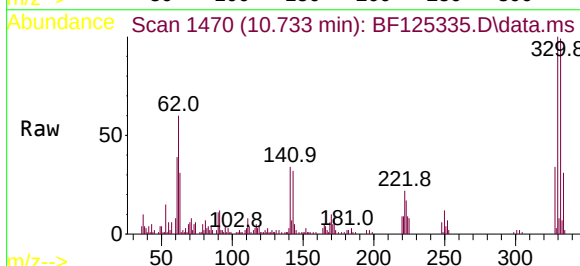
Tgt Ion:330 Resp: 59148

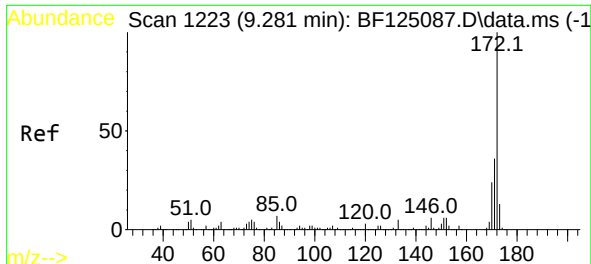
Ion Ratio Lower Upper

330 100

332 93.0 76.2 114.4

141 31.4 44.6 66.8#

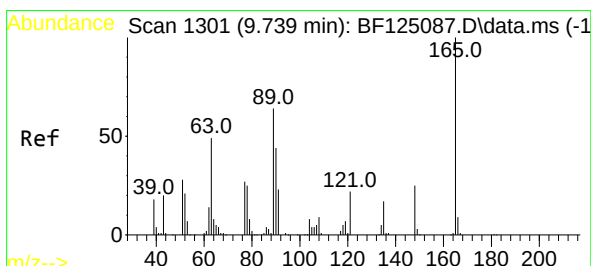
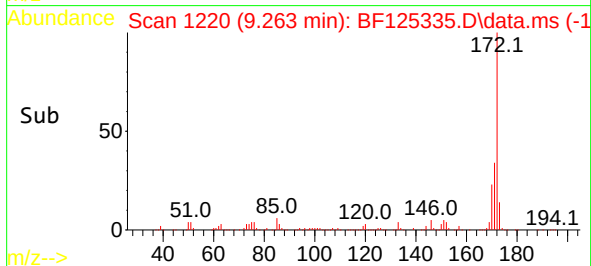
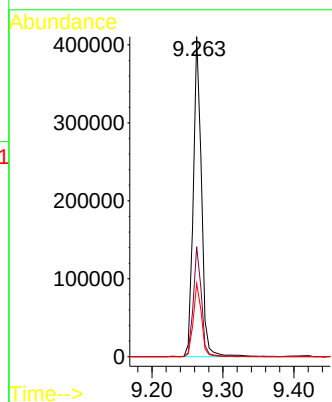
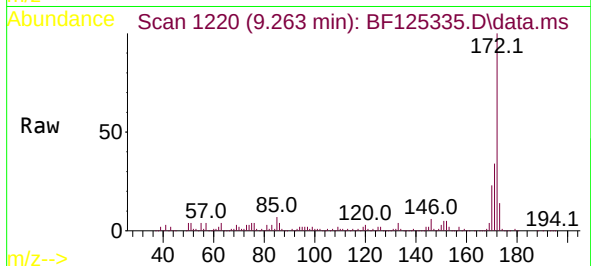




#45
2-Fluorobiphenyl
Concen: 13.094 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

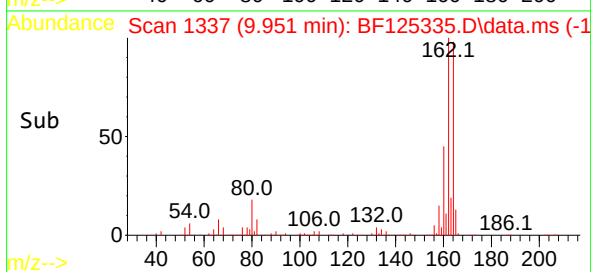
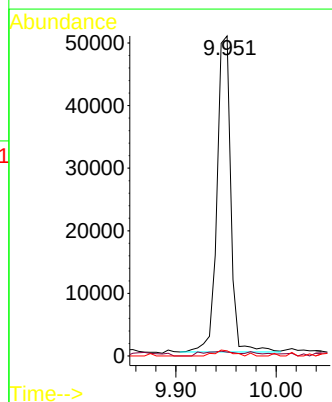
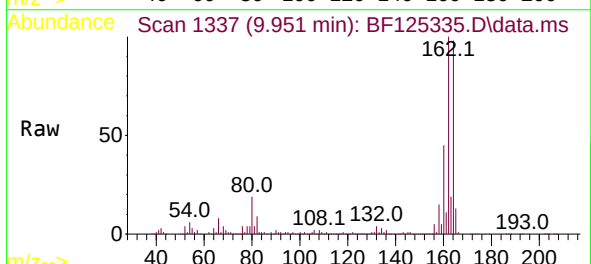
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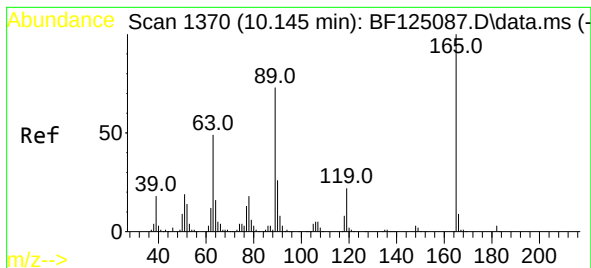
Tgt Ion:172 Resp: 329196
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 22.8 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.126 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

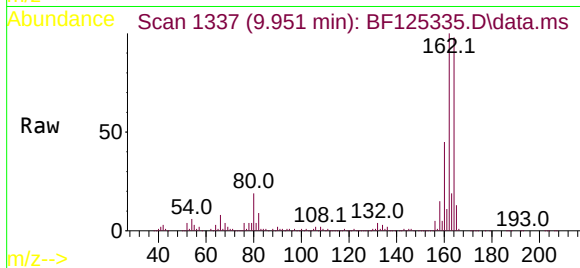
Tgt Ion:165 Resp: 48049
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.6 40.6 60.8#



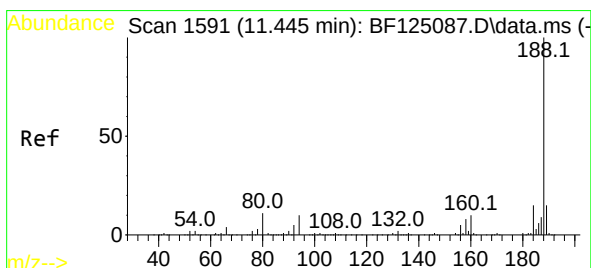
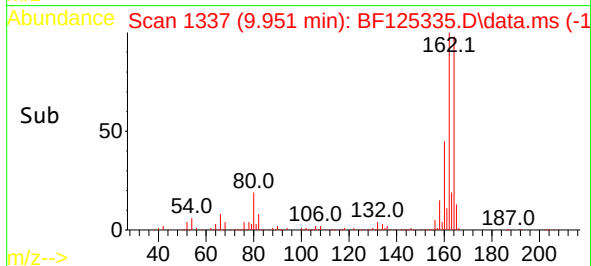
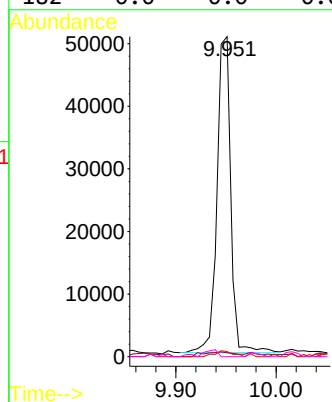


#57
2,4-Dinitrotoluene
Concen: 7.540 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

Instrument :
BNA_F
ClientSampleId :
EO-03-083121

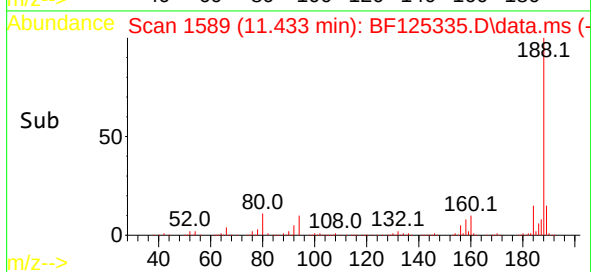
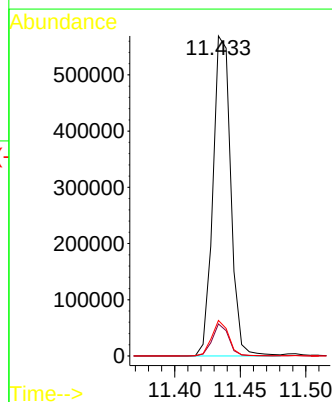
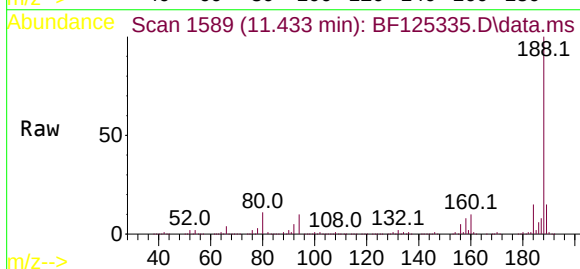


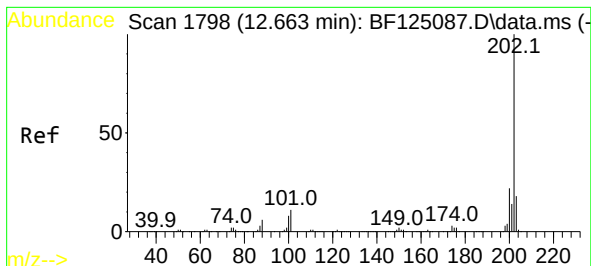
Tgt Ion:165 Resp: 48049
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

Tgt Ion:188 Resp: 538071
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 11.1 7.5 11.3

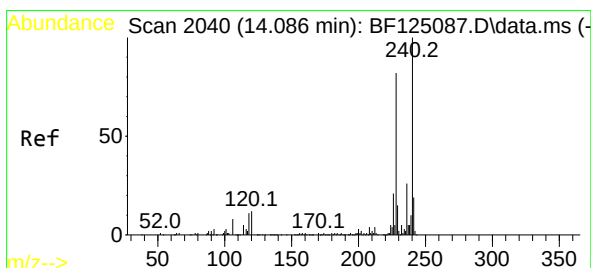
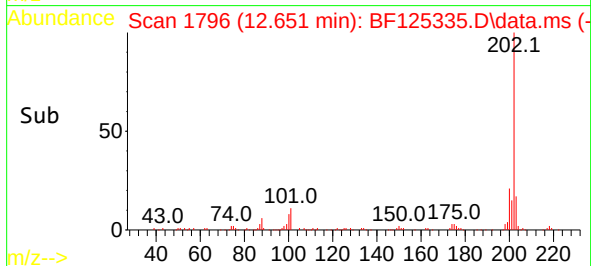
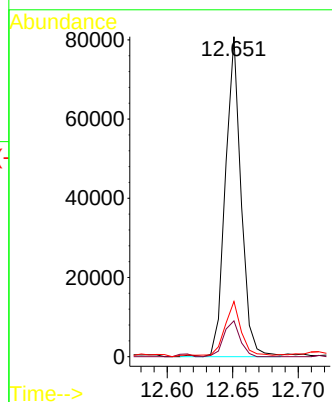
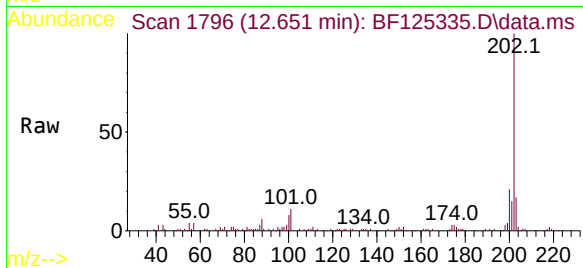




#75
Fluoranthene
Concen: 2.287 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

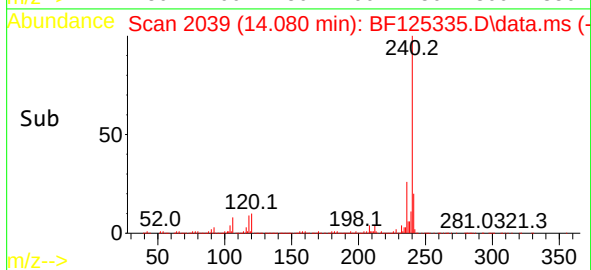
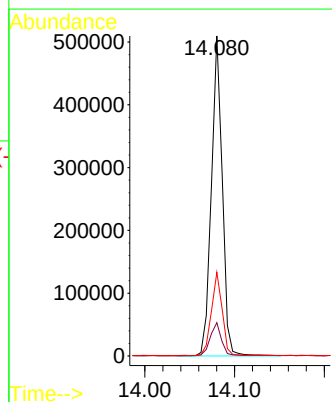
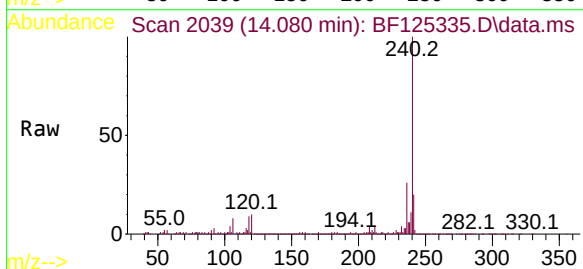
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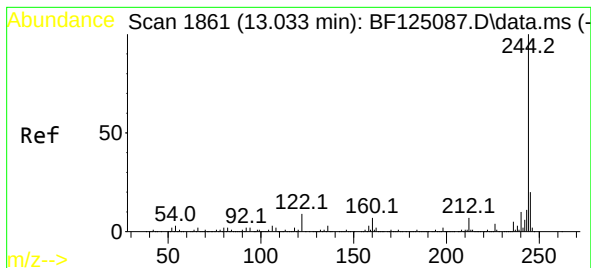
Tgt Ion:202 Resp: 67273
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 17.3 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125335.D
Acq: 2 Sep 2021 22:52

Tgt Ion:240 Resp: 430140
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 26.2 21.6 32.4





#79

Terphenyl-d14

Concen: 10.379 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF125335.D

Acq: 2 Sep 2021 22:52

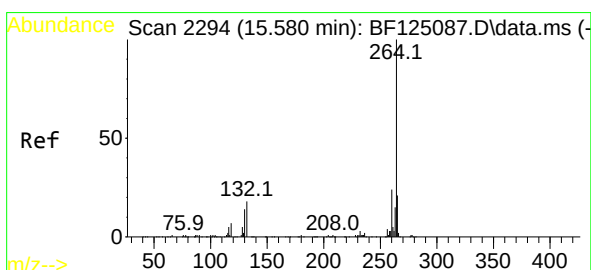
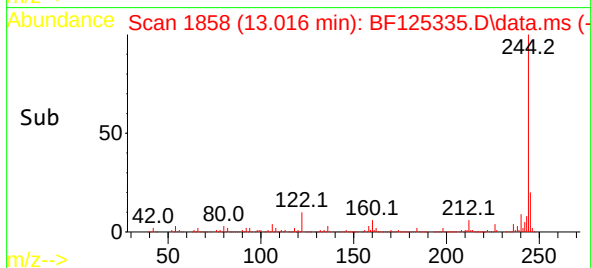
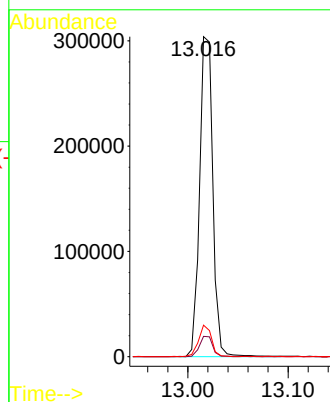
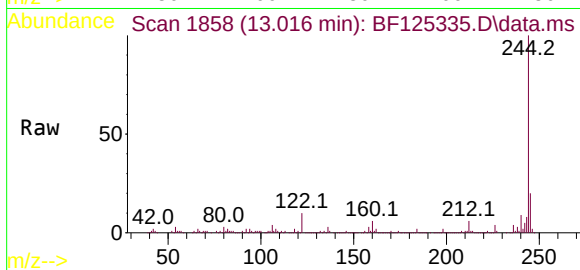
Instrument :

BNA_F

ClientSampleId :

EO-03-083121

Tgt Ion:	244	Resp:	280230
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.9	8.9
122	9.9	9.0	13.4



#86

Perylene-d12

Concen: 20.000 ng

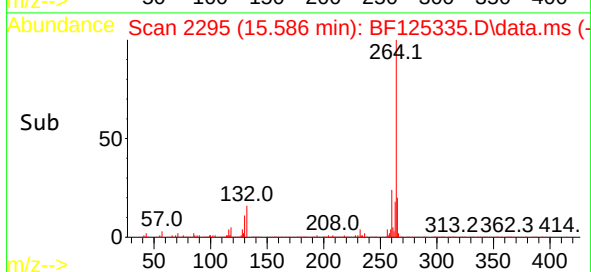
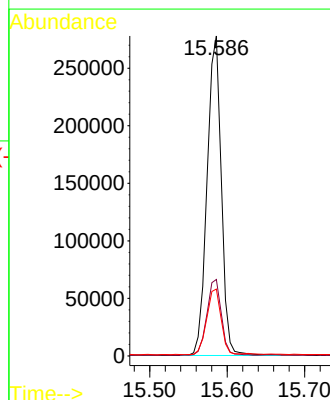
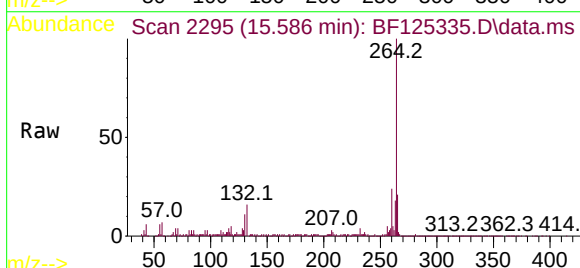
RT: 15.586 min Scan# 2295

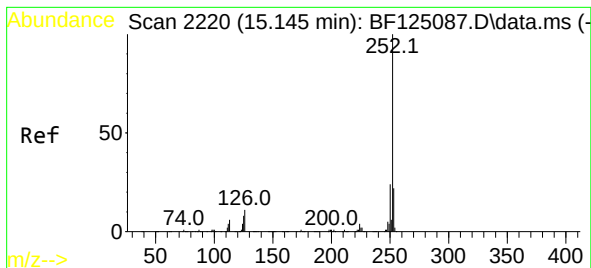
Delta R.T. 0.012 min

Lab File: BF125335.D

Acq: 2 Sep 2021 22:52

Tgt Ion:	264	Resp:	353737
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.6	29.4
265	20.9	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 2.052 ng

RT: 15.139 min Scan# 2219

Delta R.T. 0.006 min

Lab File: BF125335.D

Acq: 2 Sep 2021 22:52

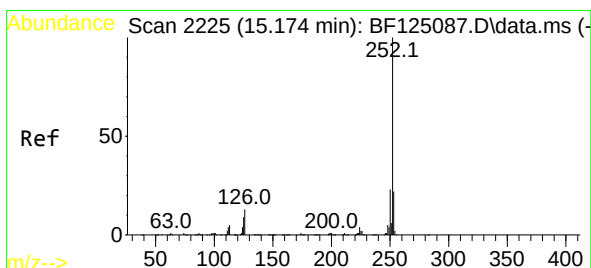
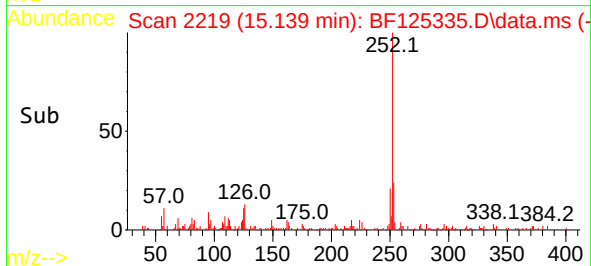
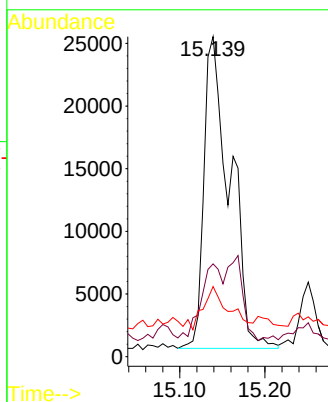
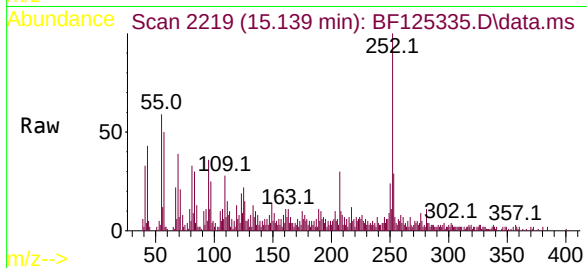
Instrument :

BNA_F

ClientSampleId :

EO-03-083121

Tgt Ion:252	Resp:	53039
Ion Ratio	Lower	Upper
252	100	
253	29.0	16.8 25.2#
125	21.9	9.8 14.8#



#89

Benzo(k)fluoranthene

Concen: 2.199 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.029 min

Lab File: BF125335.D

Acq: 2 Sep 2021 22:52

Tgt Ion:252	Resp:	53039
Ion Ratio	Lower	Upper
252	100	
253	29.0	17.8 26.8#
125	21.9	7.2 10.8#

