

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129544.D
 Acq On : 03 Aug 2022 17:12
 Operator : CG\JU
 Sample : N3930-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-111

Quant Time: Aug 03 17:47:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

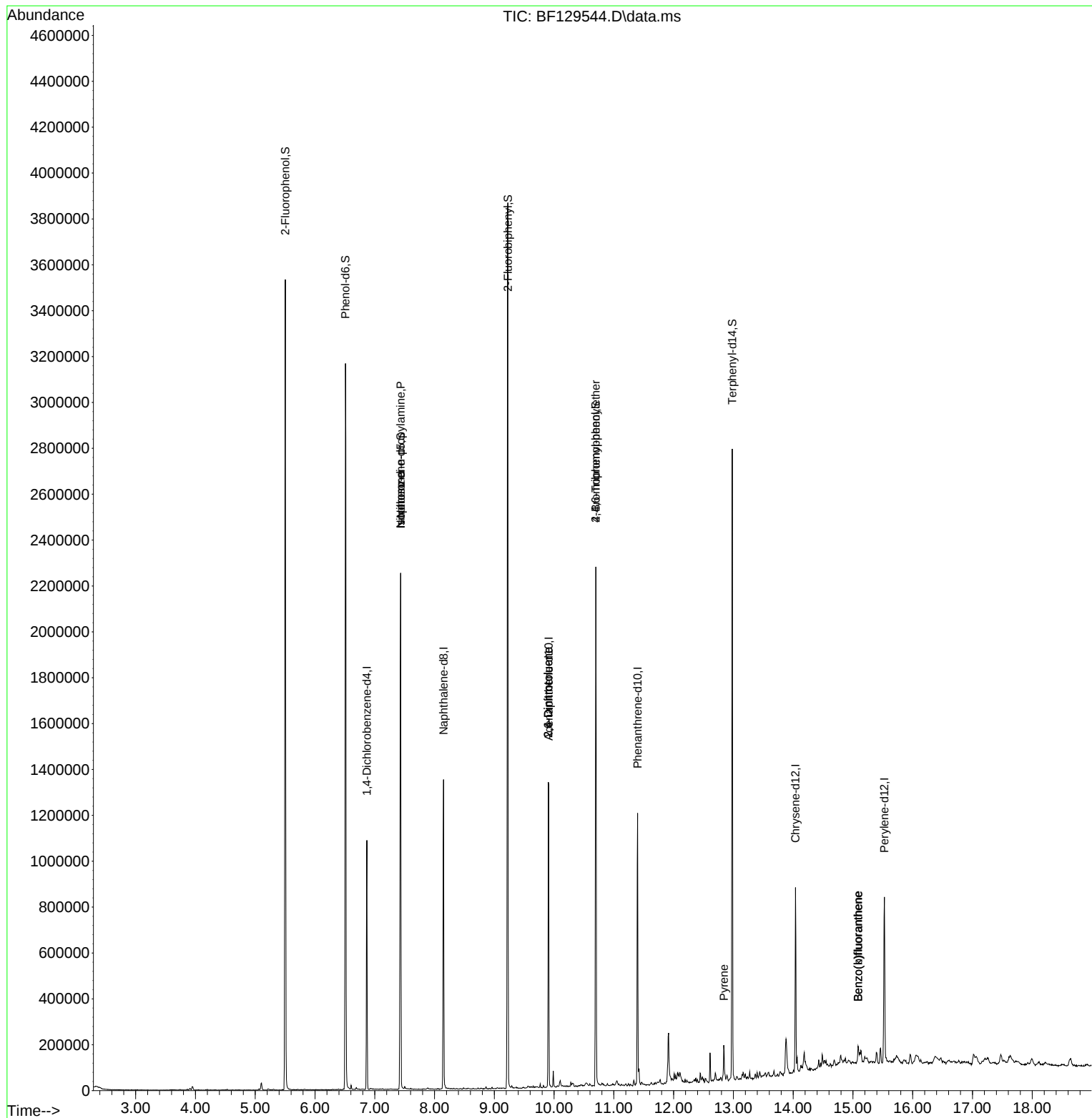
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	150022	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	586533	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	286837	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	412718	20.000	ng	0.00
76) Chrysene-d12	14.039	240	241765	20.000	ng	-0.01
86) Perylene-d12	15.527	264	319203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	900909	97.824	ng	0.00
7) Phenol-d6	6.510	99	1123152	97.026	ng	-0.01
23) Nitrobenzene-d5	7.434	82	713424	66.398	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	245653	89.078	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1252738	67.562	ng	0.00
79) Terphenyl-d14	12.980	244	837888	65.383	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	96068	13.709	ng	# 73
25) Isophorone	7.434	82	713424	37.042	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	37603	8.485	ng	# 25
57) 2,4-Dinitrotoluene	9.904	165	37603	6.495	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	15840	3.505	ng	# 1
78) Pyrene	12.839	202	54286	2.685	ng	97
88) Benzo(b)fluoranthene	15.086	252	48724	2.301	ng	# 93
89) Benzo(k)fluoranthene	15.086	252	48724	2.348	ng	# 93

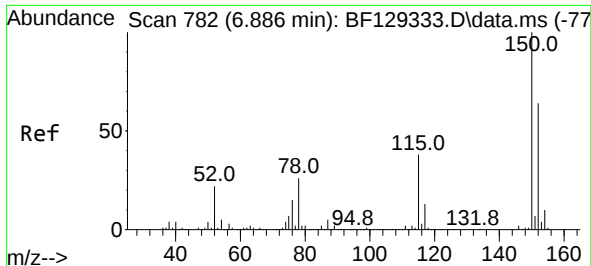
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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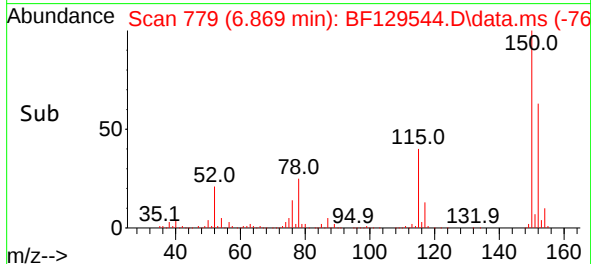
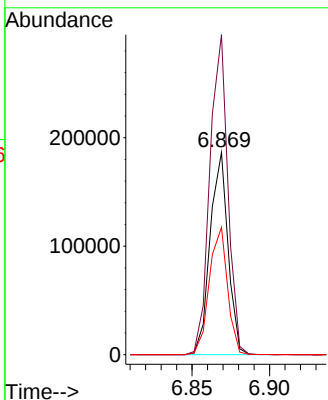
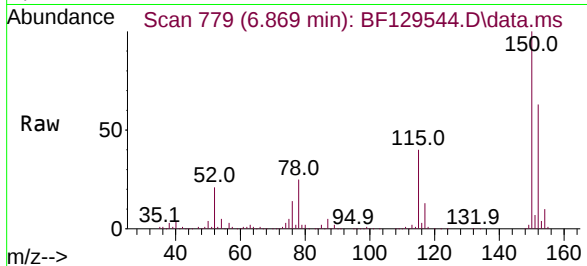




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

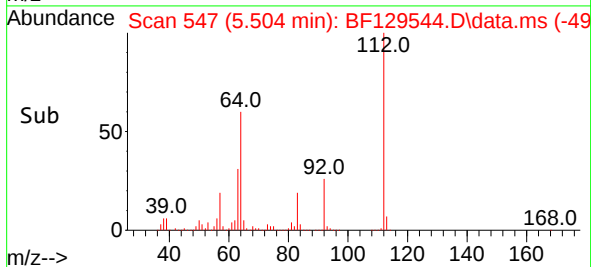
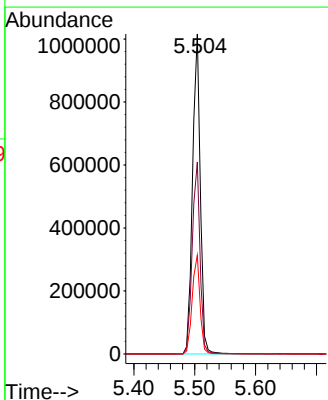
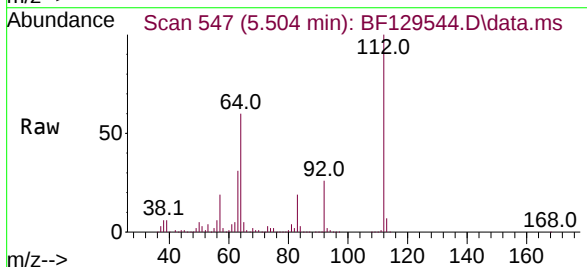
Instrument :
BNA_F
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RVE-111

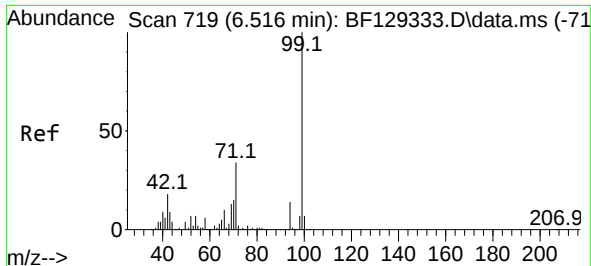
Tgt Ion:152 Resp: 150022
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 97.824 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion:112 Resp: 900909
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 30.9 28.0 42.0

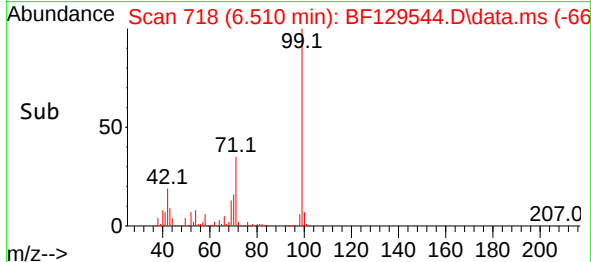
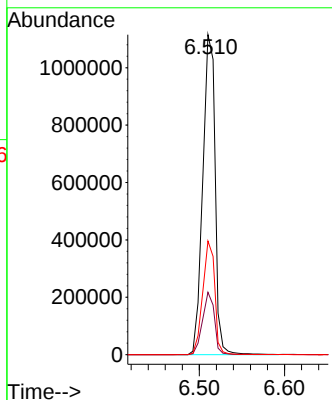
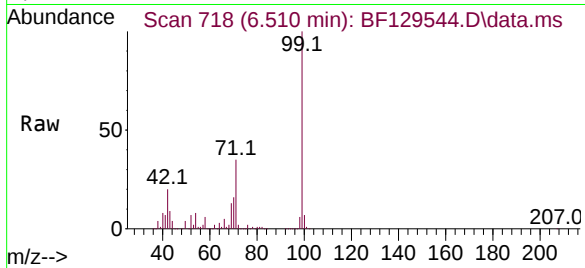




#7
Phenol-d6
Concen: 97.026 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

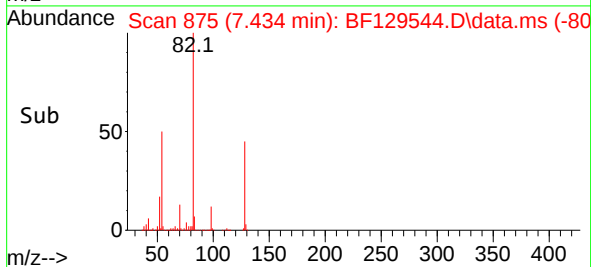
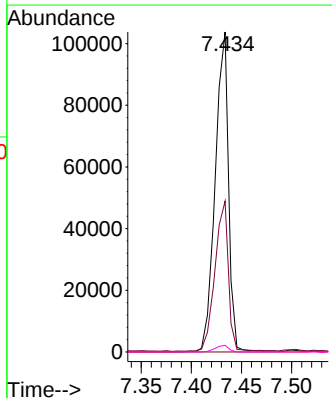
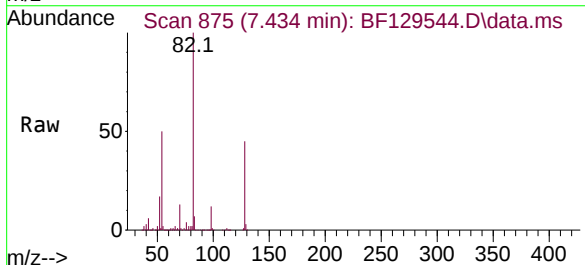
Instrument :
BNA_F
ClientSampleId :
RVE-111

Tgt Ion: 99 Resp: 1123152
Ion Ratio Lower Upper
99 100
42 19.5 17.3 25.9
71 35.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.709 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion: 70 Resp: 96068
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



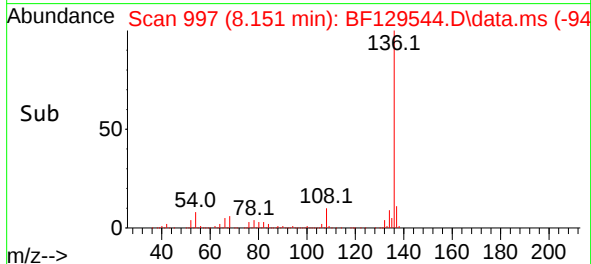
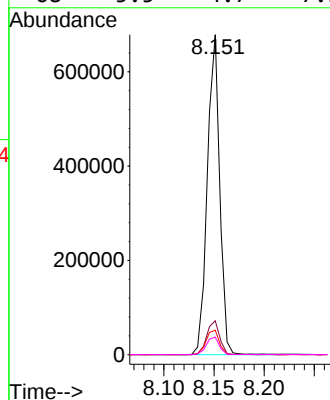
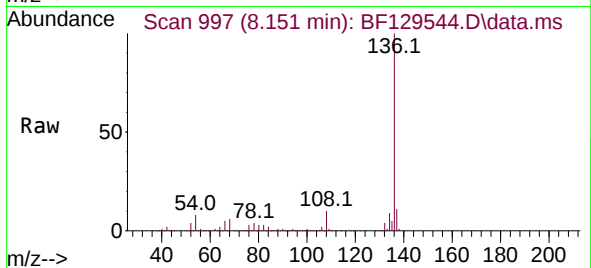


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Instrument :
BNA_F
ClientSampleId :
RVE-111

Tgt Ion:136 Resp: 586533

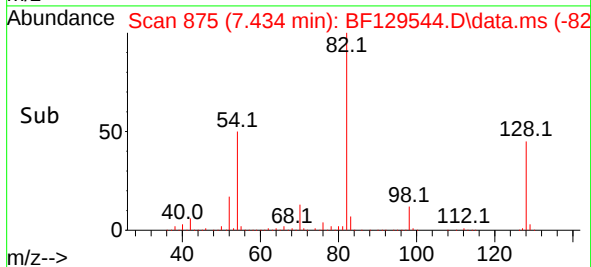
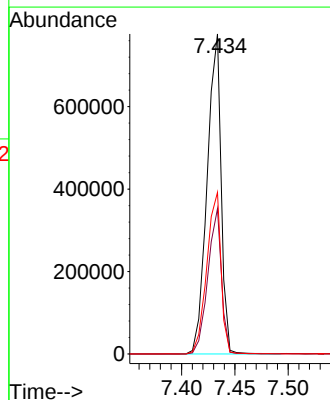
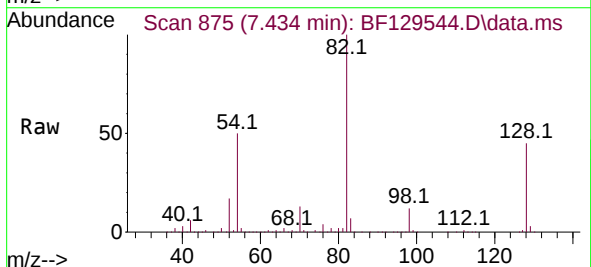
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.7	7.5	11.3
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 66.398 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion: 82 Resp: 713424

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	50.5	46.9	70.3

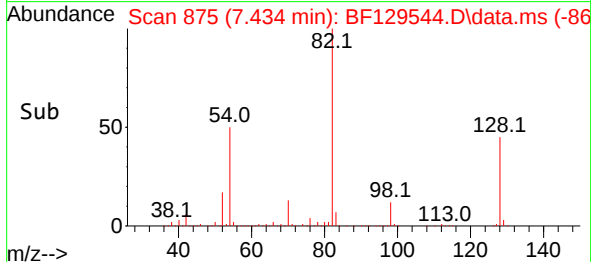
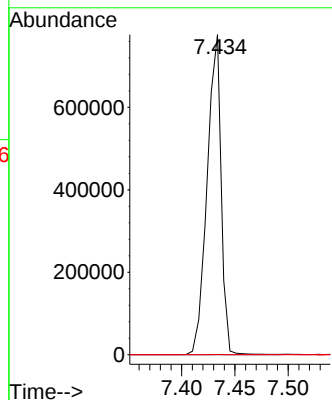
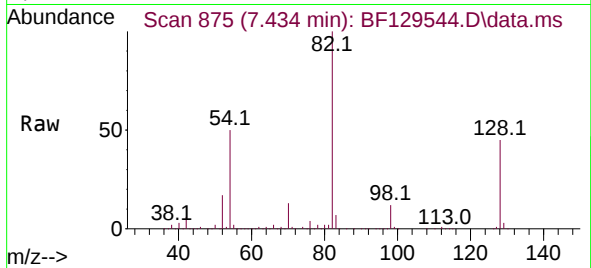




#25
Isophorone
Concen: 37.042 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

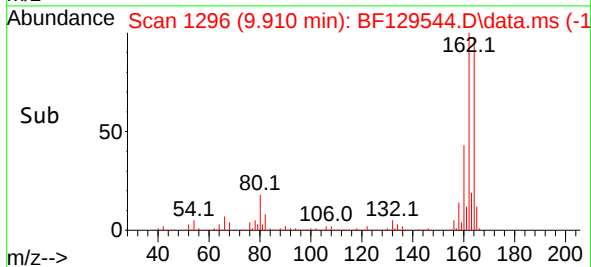
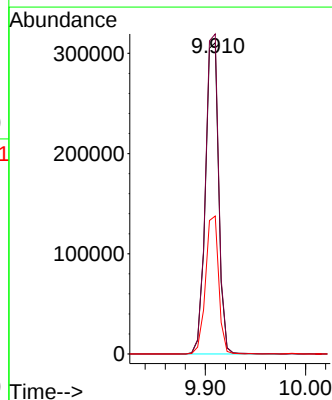
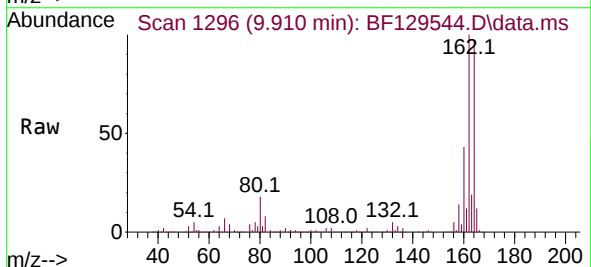
Instrument :
BNA_F
ClientSampleId :
RVE-111

Tgt Ion: 82 Resp: 713424
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion:164 Resp: 286837
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.4 34.2 51.4

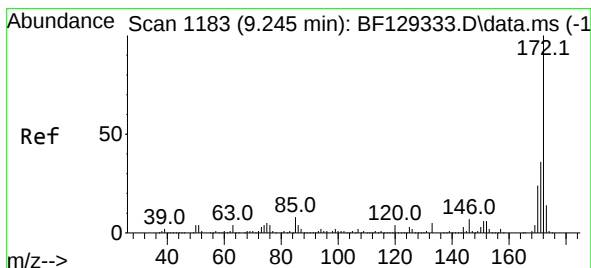
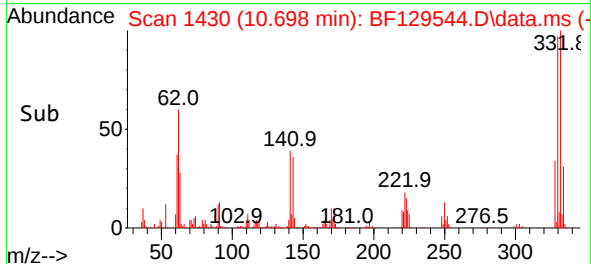
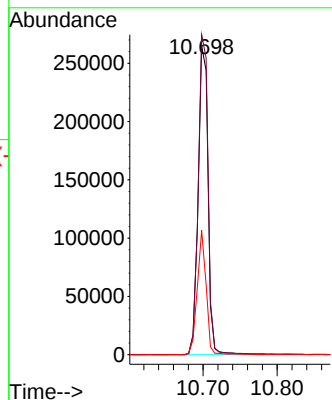
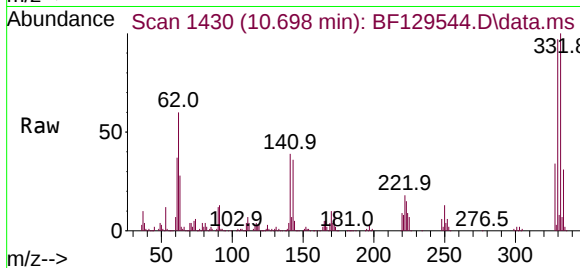




#42
2,4,6-Tribromophenol
Concen: 89.078 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

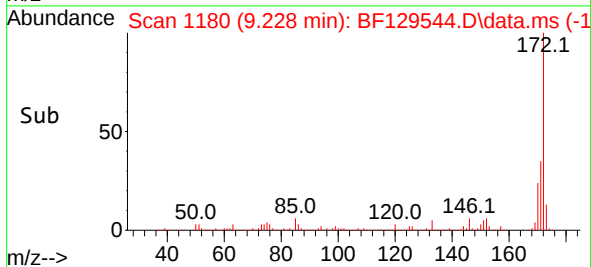
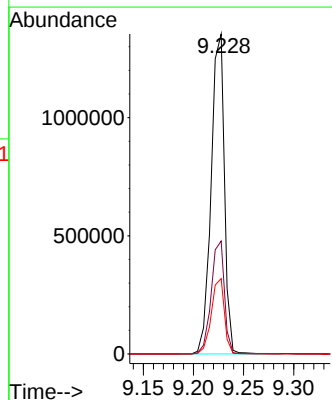
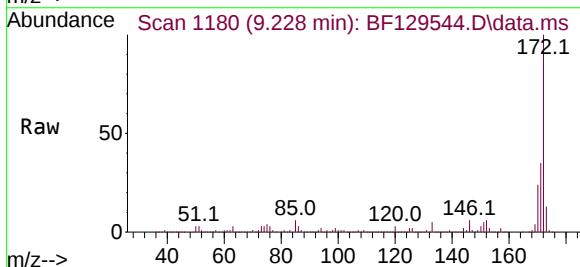
Instrument :
BNA_F
ClientSampleId :
RVE-111

Tgt Ion: 330 Resp: 245653
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 36.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 67.562 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion: 172 Resp: 1252738
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.6 19.8 29.8

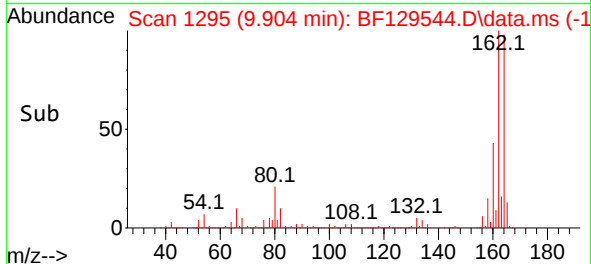
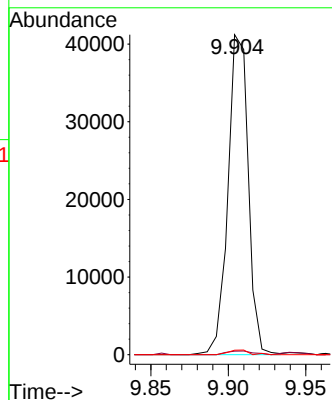
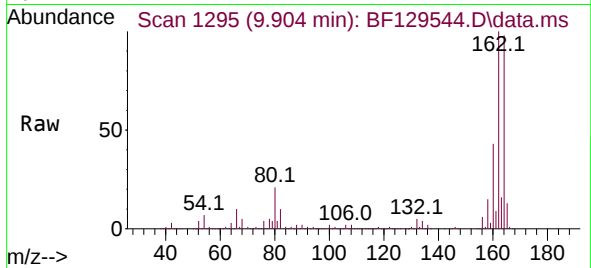




#51
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

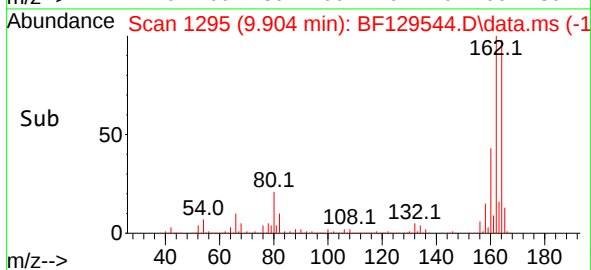
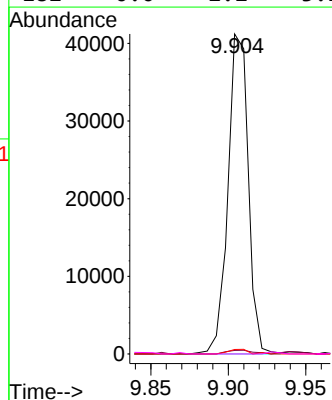
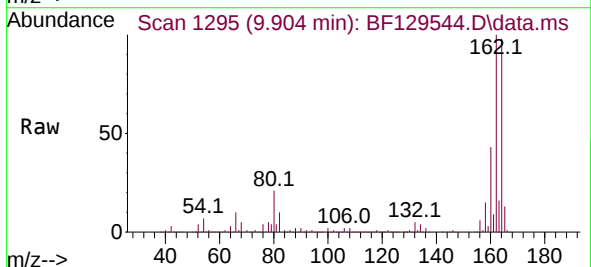
Instrument :
BNA_F
ClientSampleId :
RVE-111

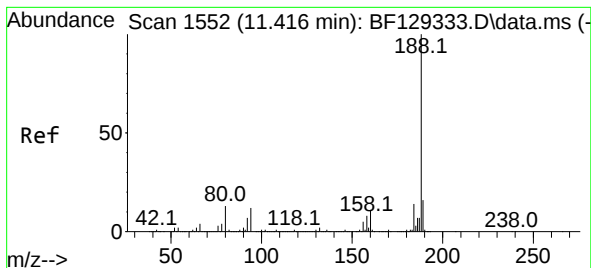
Tgt Ion:165 Resp: 37603
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.495 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion:165 Resp: 37603
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129544.D

Acq: 03 Aug 2022 17:12

Instrument :

BNA_F

ClientSampleId :

RVE-111

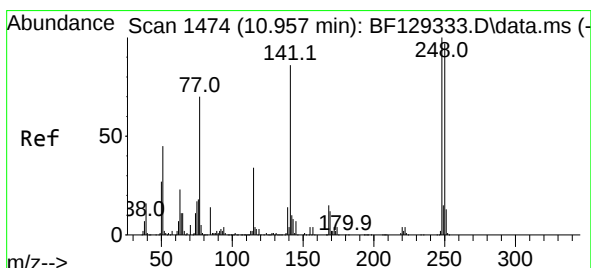
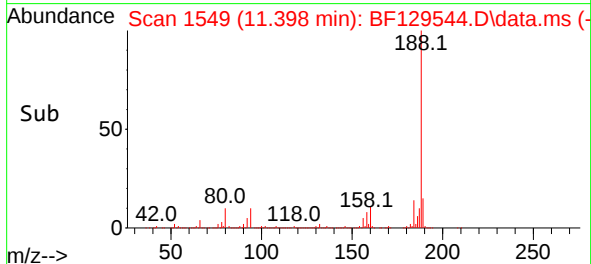
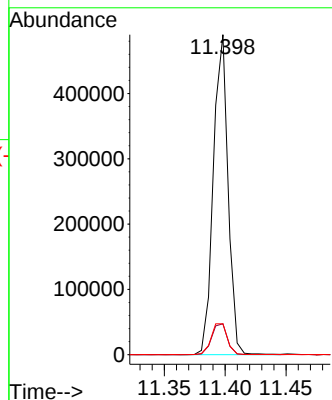
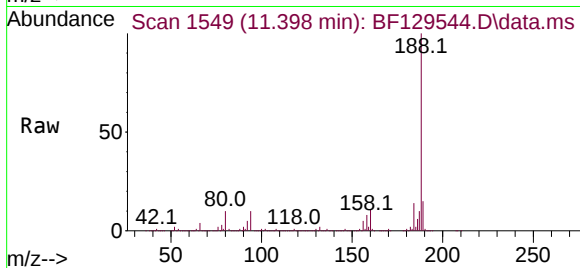
Tgt Ion:188 Resp: 412718

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 9.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.505 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.247 min

Lab File: BF129544.D

Acq: 03 Aug 2022 17:12

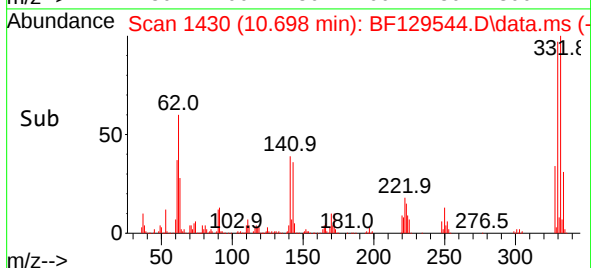
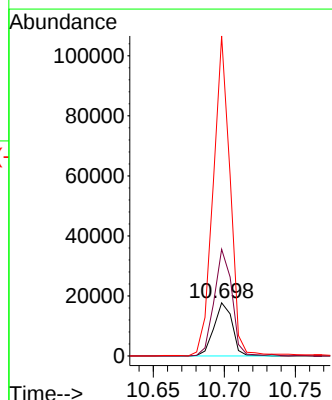
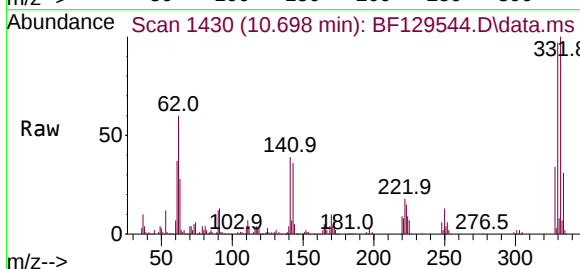
Tgt Ion:248 Resp: 15840

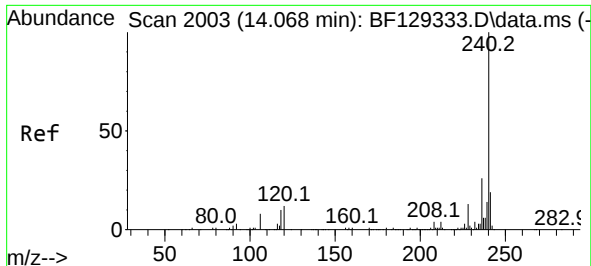
Ion Ratio Lower Upper

248 100

250 201.1 80.6 120.8#

141 603.1 58.9 88.3#

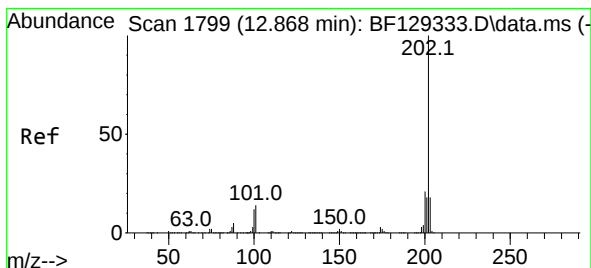
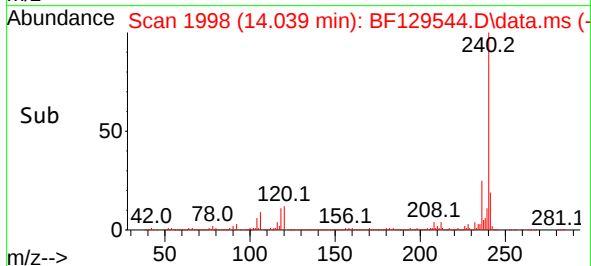
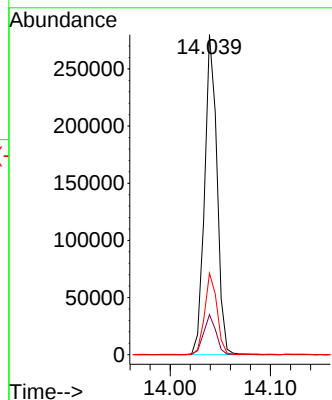
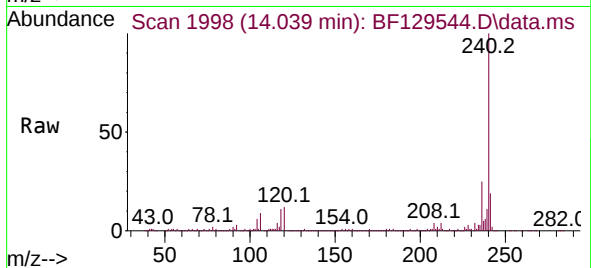




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

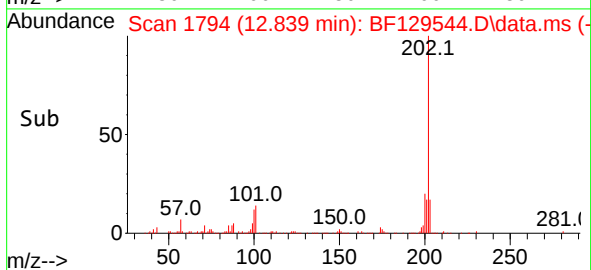
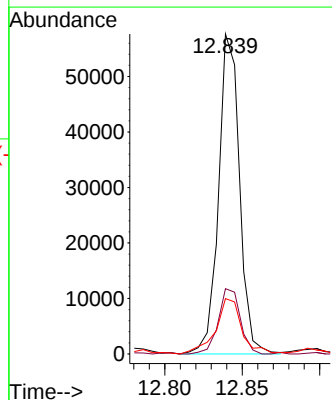
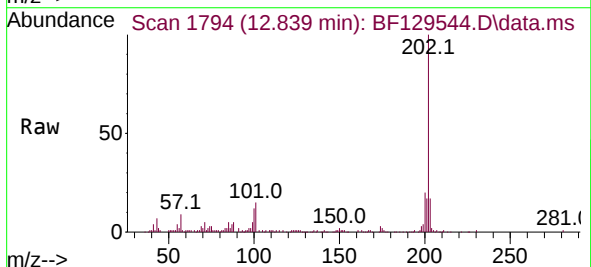
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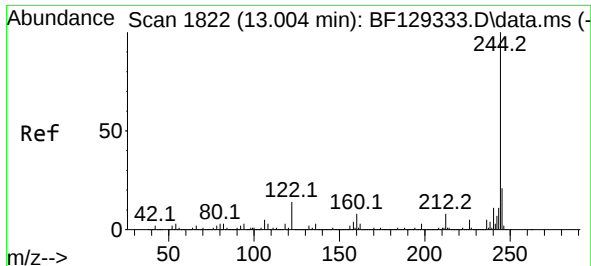
Tgt Ion:240 Resp: 241765
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.4 20.8 31.2



#78
Pyrene
Concen: 2.685 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion:202 Resp: 54286
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 17.3 14.6 21.8

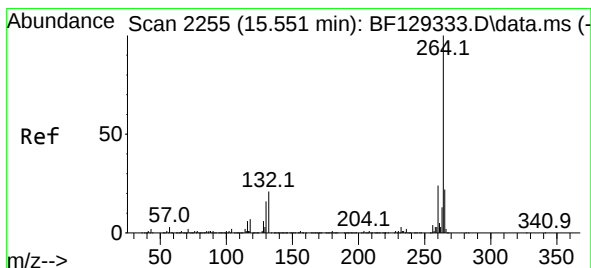
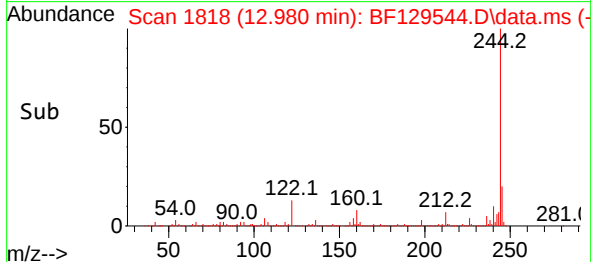
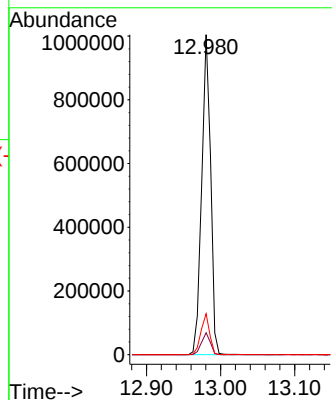
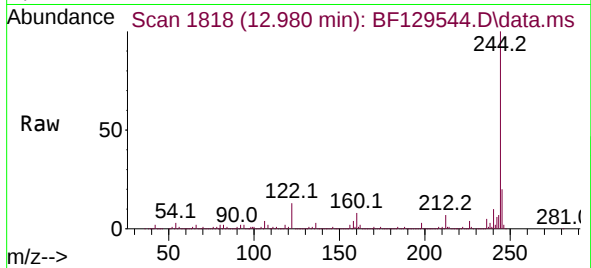




#79
 Terphenyl-d14
 Concen: 65.383 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BF129544.D
 Acq: 03 Aug 2022 17:12

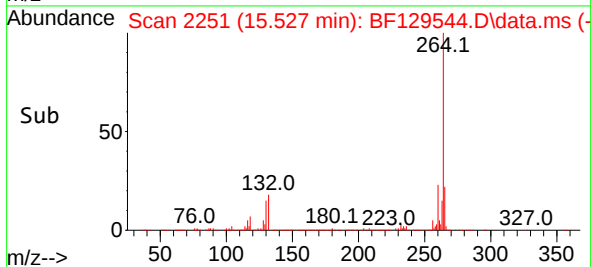
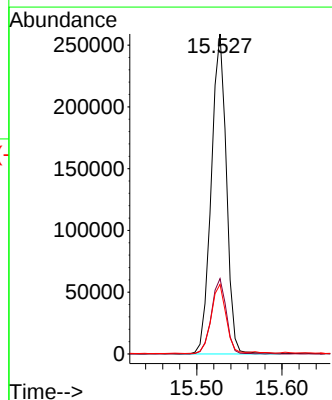
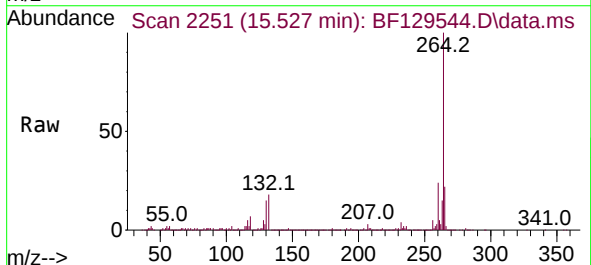
Instrument :
 BNA_F
 ClientSampleId :
 RVE-111

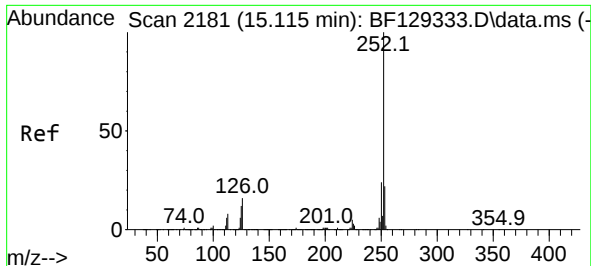
Tgt Ion:244 Resp: 837888
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 12.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BF129544.D
 Acq: 03 Aug 2022 17:12

Tgt Ion:264 Resp: 319203
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.8 17.2 25.8

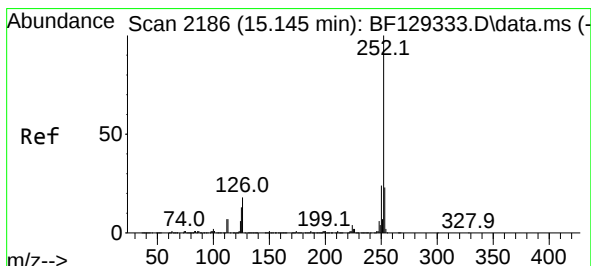
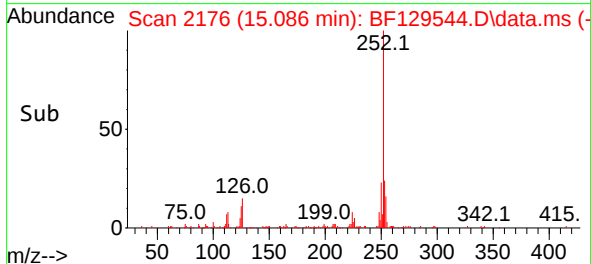
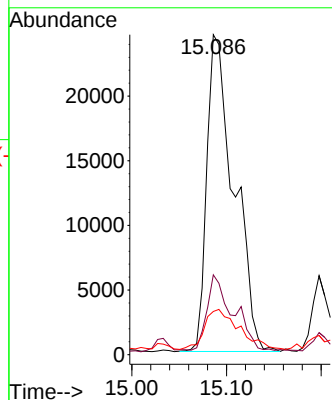
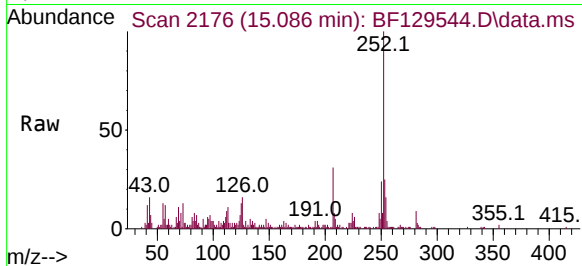




#88
Benzo(b)fluoranthene
Concen: 2.301 ng
RT: 15.086 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Instrument :
BNA_F
ClientSampleId :
RVE-111

Tgt Ion:252 Resp: 48724
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 13.5 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 2.348 ng
RT: 15.086 min Scan# 2176
Delta R.T. -0.035 min
Lab File: BF129544.D
Acq: 03 Aug 2022 17:12

Tgt Ion:252 Resp: 48724
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 13.5 8.3 12.5#

