

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129587.D
 Acq On : 05 Aug 2022 00:52
 Operator : CG\JU
 Sample : N3931-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-129

Quant Time: Aug 05 02:10:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

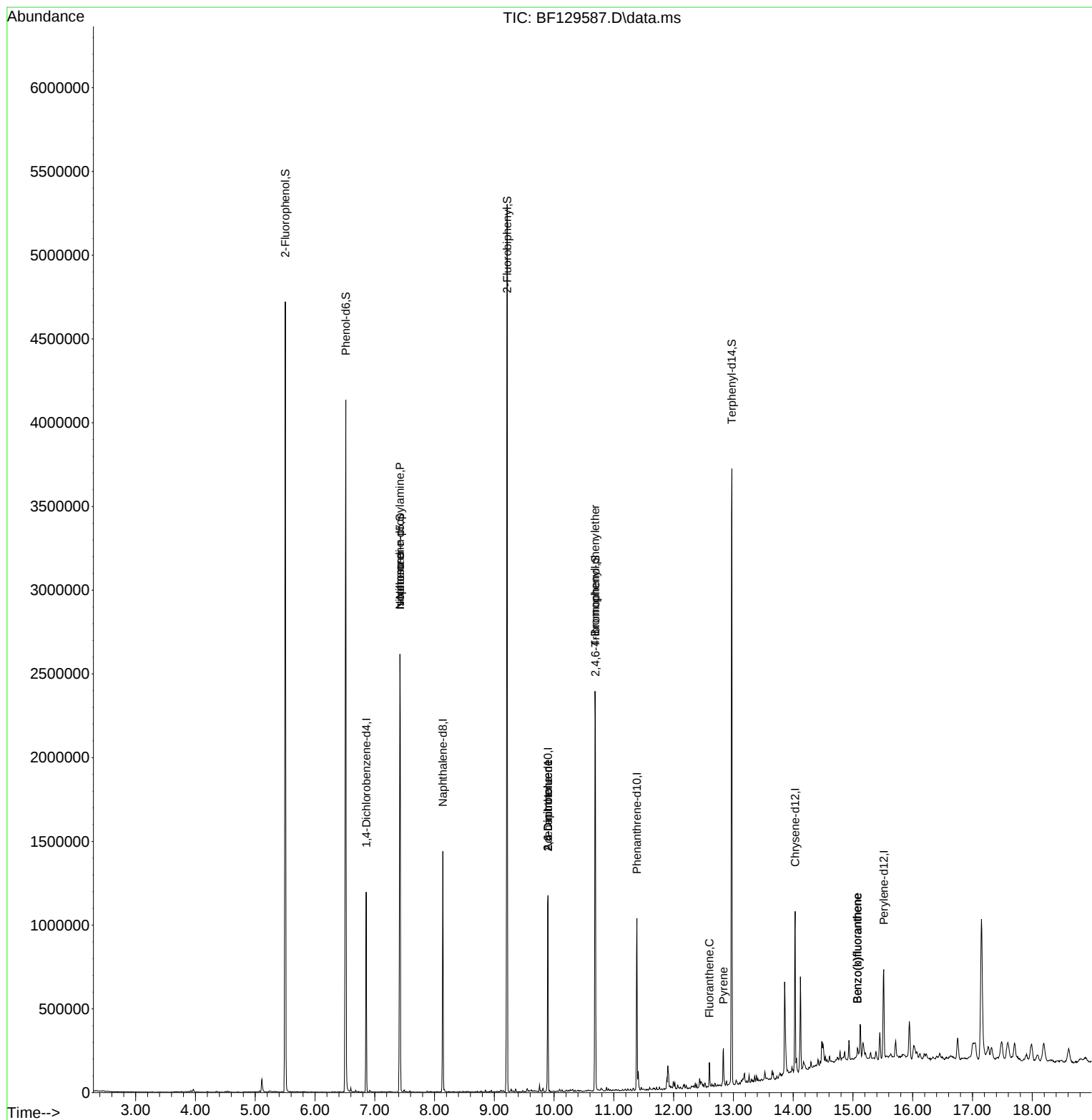
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	159560	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	572051	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	244884	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	351743	20.000	ng	0.00
76) Chrysene-d12	14.033	240	296680	20.000	ng	0.00
86) Perylene-d12	15.515	264	237352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1212846	123.823	ng	0.01
7) Phenol-d6	6.516	99	1485477	120.656	ng	0.00
23) Nitrobenzene-d5	7.422	82	939681	89.670	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	281600	119.607	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1504775	95.058	ng	0.00
79) Terphenyl-d14	12.974	244	1270765	80.808	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	126554	16.979	ng	# 72
25) Isophorone	7.422	82	935044	49.778	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	31335	8.282	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	31335	6.339	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	18238	4.735	ng	# 1
75) Fluoranthene	12.598	202	50681	2.605	ng	99
78) Pyrene	12.833	202	67791	2.732	ng	96
88) Benzo(b)fluoranthene	15.074	252	39883	2.533	ng	# 93
89) Benzo(k)fluoranthene	15.074	252	39883	2.585	ng	# 93

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

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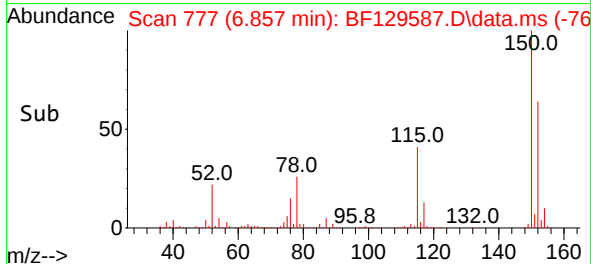
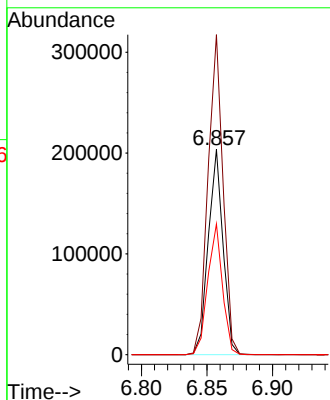
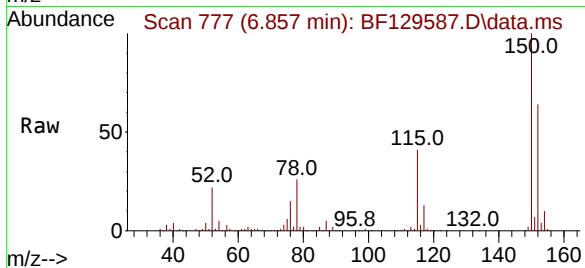




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129587.D
 Acq: 05 Aug 2022 00:52

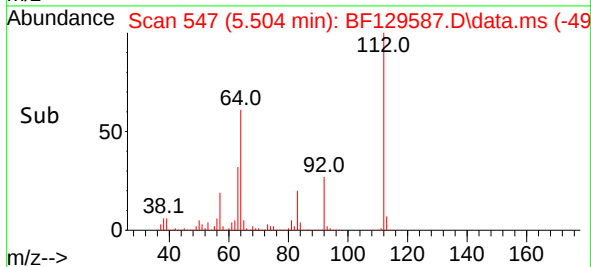
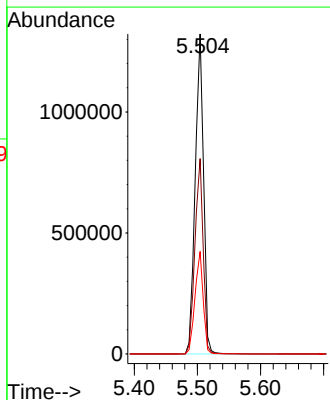
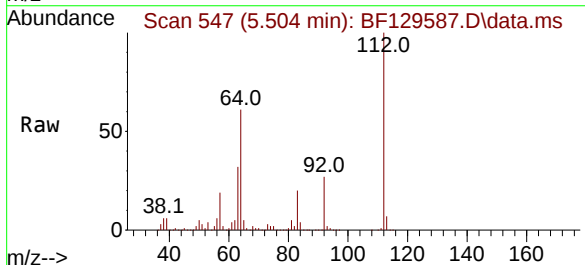
Instrument :
 BNA_F
 ClientSampleId :
 RVE-129

Tgt Ion:152 Resp: 159560
 Ion Ratio Lower Upper
 152 100
 150 155.9 123.7 185.5
 115 63.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 123.823 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.012 min
 Lab File: BF129587.D
 Acq: 05 Aug 2022 00:52

Tgt Ion:112 Resp: 1212846
 Ion Ratio Lower Upper
 112 100
 64 61.0 53.3 79.9
 63 32.1 28.0 42.0



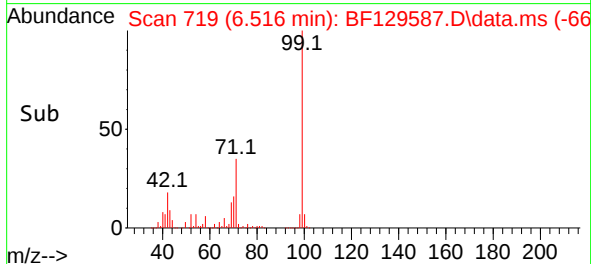
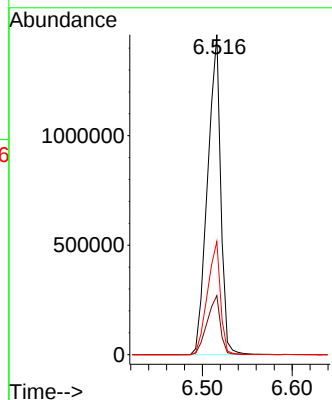
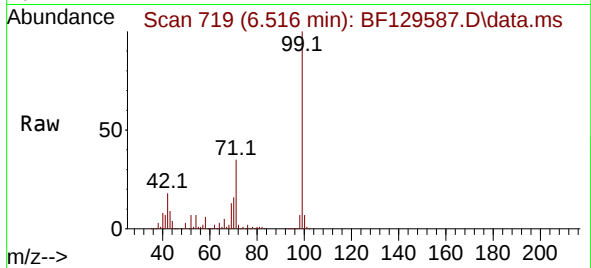


#7
Phenol-d6
Concen: 120.656 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Instrument :
BNA_F
ClientSampleId :
RVE-129

Tgt Ion: 99 Resp: 1485477

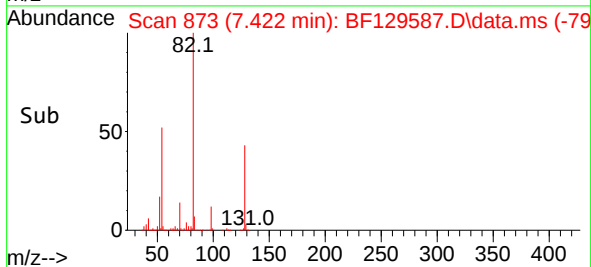
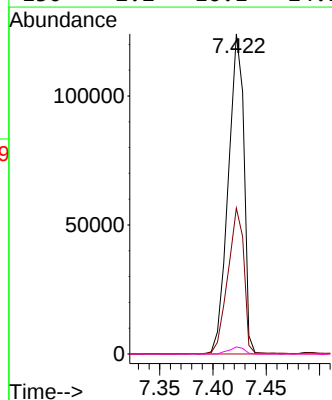
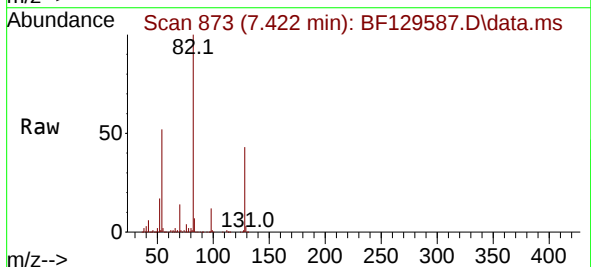
Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.3	25.9
71	35.4	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.979 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Tgt Ion: 70 Resp: 126554

Ion	Ratio	Lower	Upper
70	100		
42	45.6	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#



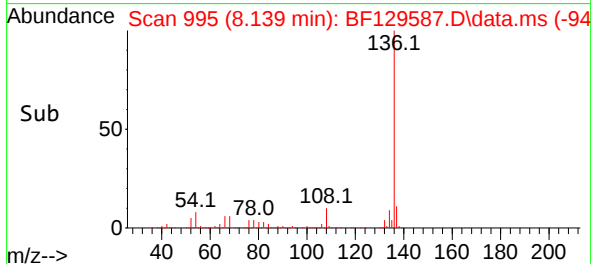
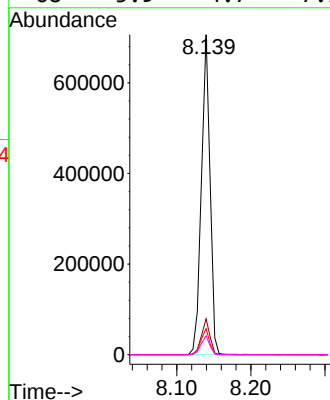
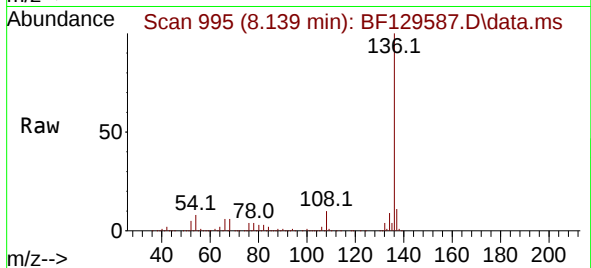


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Instrument :
BNA_F
ClientSampleId :
RVE-129

Tgt Ion:136 Resp: 572051

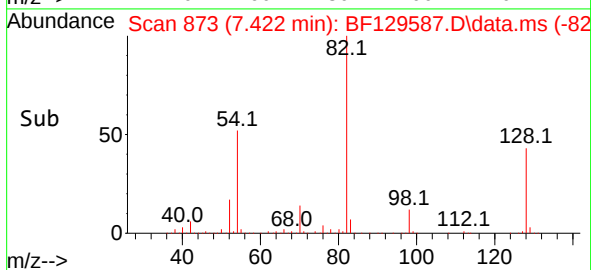
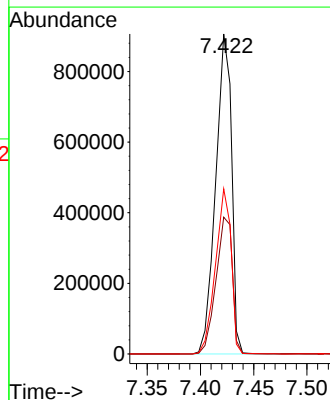
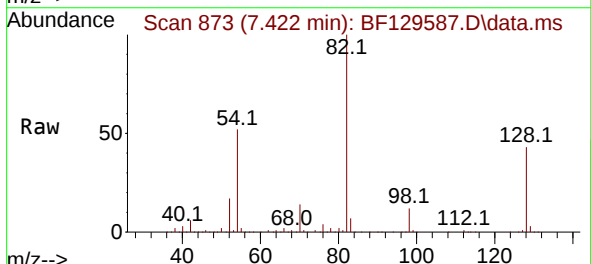
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 89.670 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Tgt Ion: 82 Resp: 939681

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	51.6	46.9	70.3

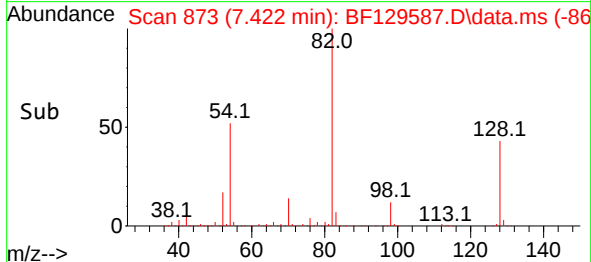
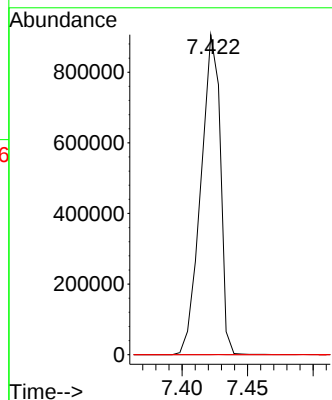
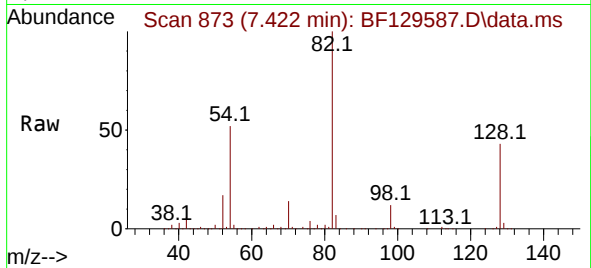




#25
Isophorone
Concen: 49.778 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

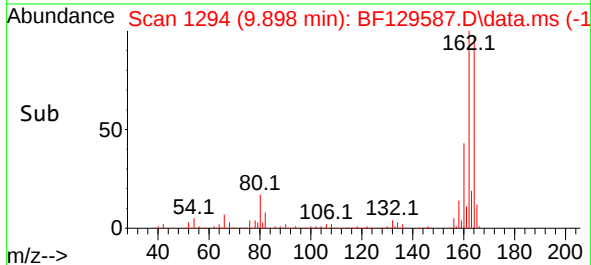
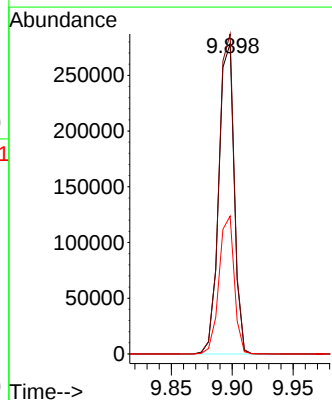
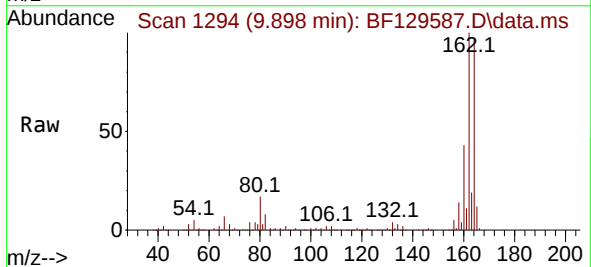
Instrument :
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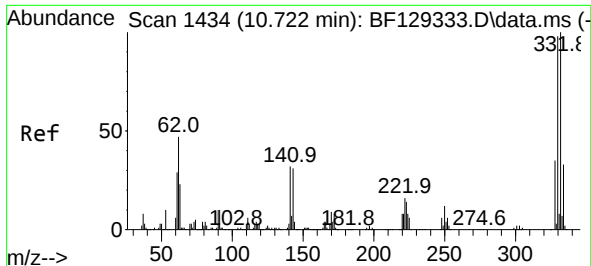
Tgt Ion: 82 Resp: 935044
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Tgt Ion:164 Resp: 244884
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 44.4 34.2 51.4

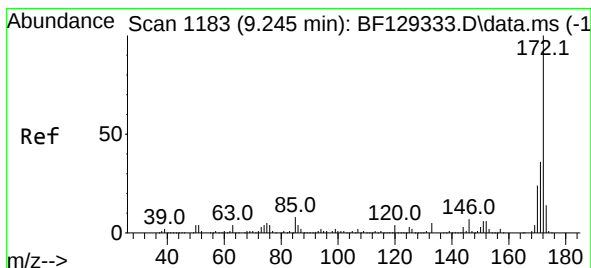
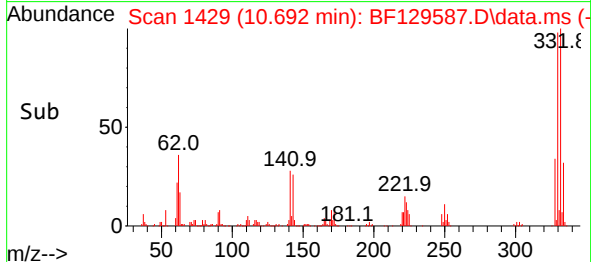
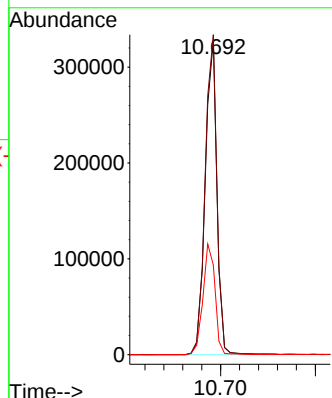
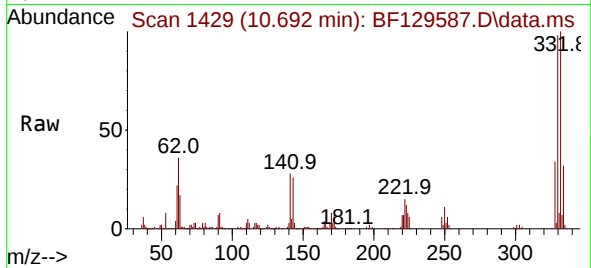




#42
2,4,6-Tribromophenol
Concen: 119.607 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

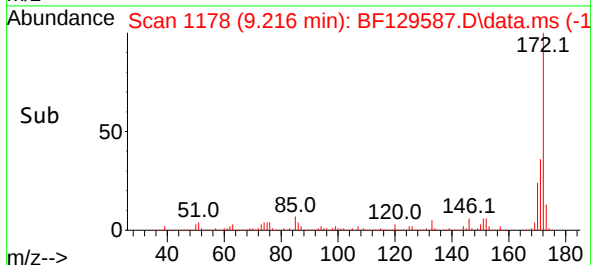
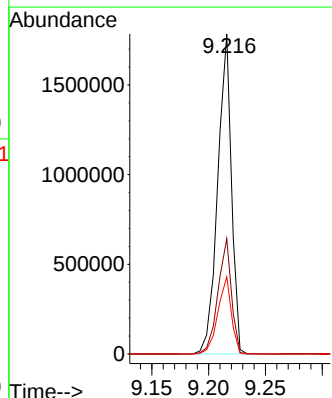
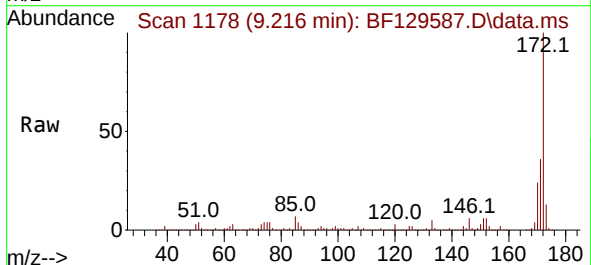
Instrument :
BNA_F
ClientSampleId :
RVE-129

Tgt Ion:330 Resp: 281600
Ion Ratio Lower Upper
330 100
332 102.1 76.8 115.2
141 36.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 95.058 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Tgt Ion:172 Resp: 1504775
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.1 19.8 29.8

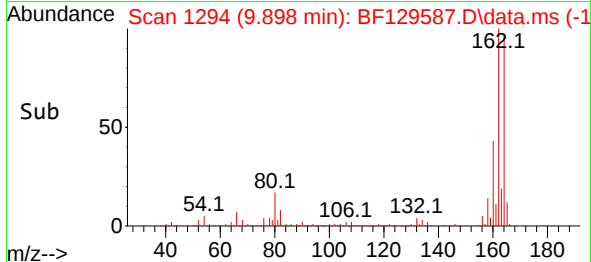
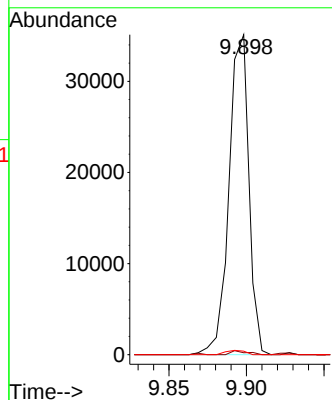
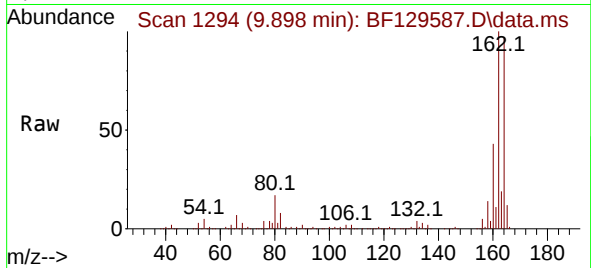




#51
2,6-Dinitrotoluene
Concen: 8.282 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

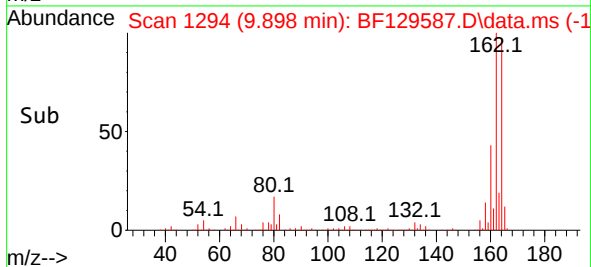
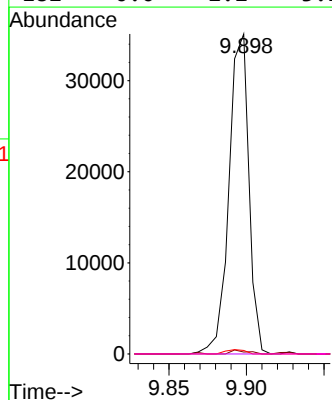
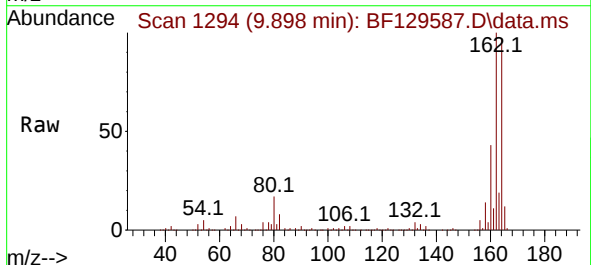
Instrument :
BNA_F
ClientSampleId :
RVE-129

Tgt Ion:165 Resp: 31335
Ion Ratio Lower Upper
165 100
63 0.6 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.339 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.200 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Tgt Ion:165 Resp: 31335
Ion Ratio Lower Upper
165 100
63 0.6 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

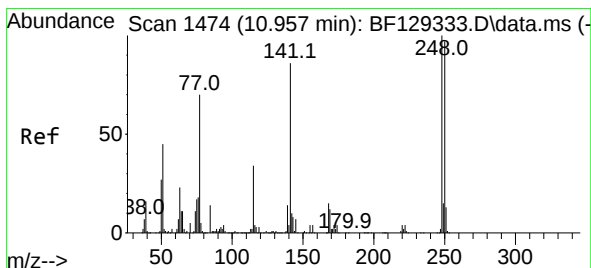
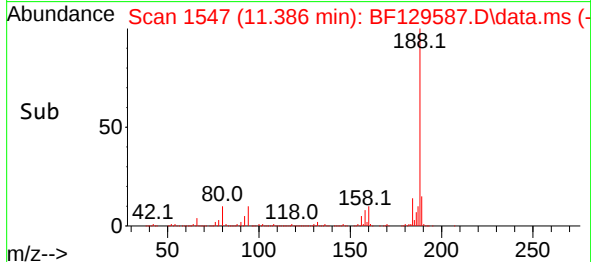
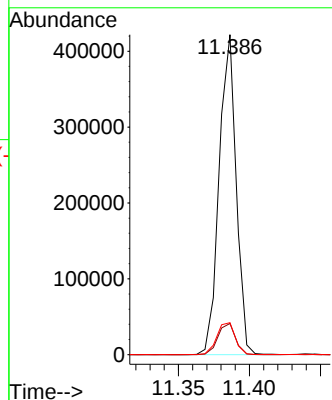
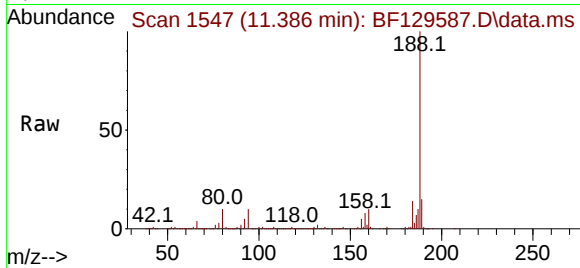




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

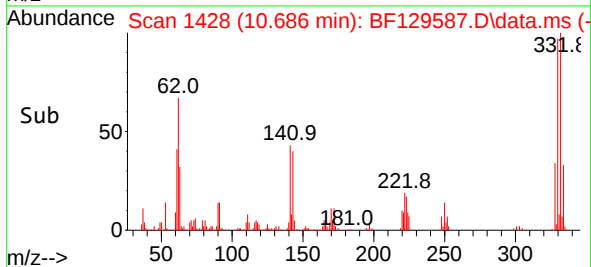
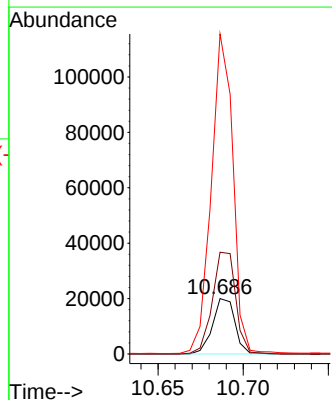
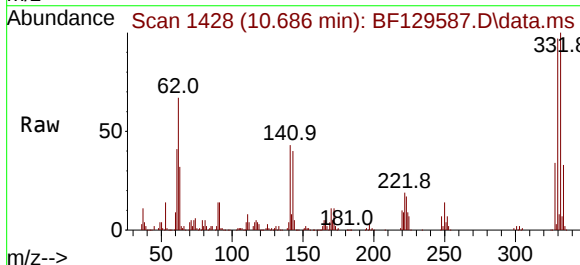
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BNA_F
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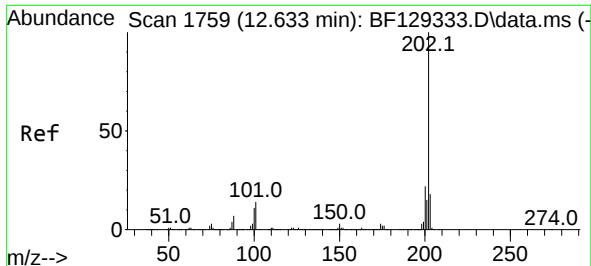
Tgt Ion:188 Resp: 351743
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.735 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Tgt Ion:248 Resp: 18238
Ion Ratio Lower Upper
248 100
250 184.0 80.6 120.8#
141 578.4 58.9 88.3#

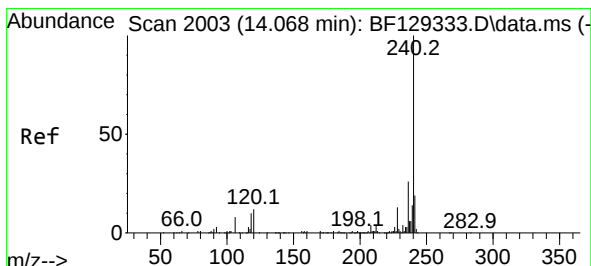
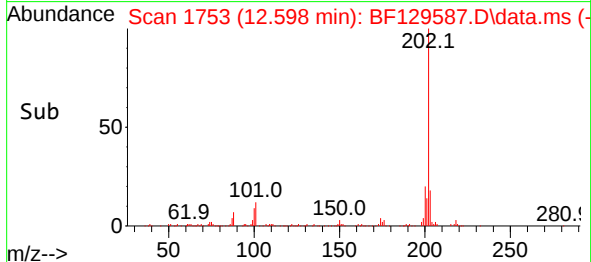
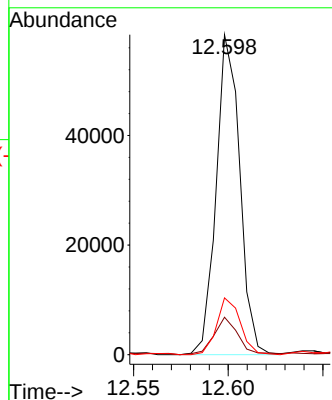
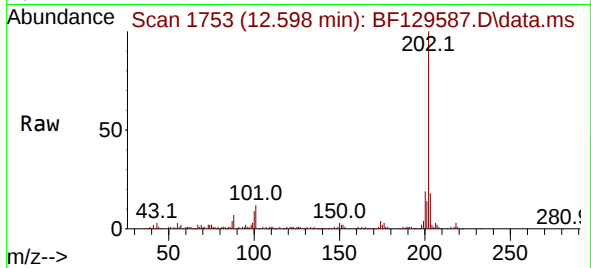




#75
Fluoranthene
Concen: 2.605 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

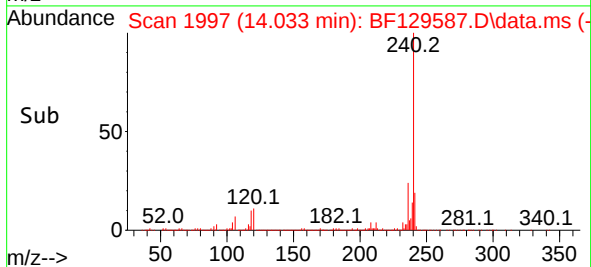
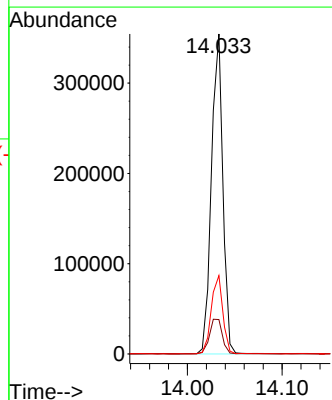
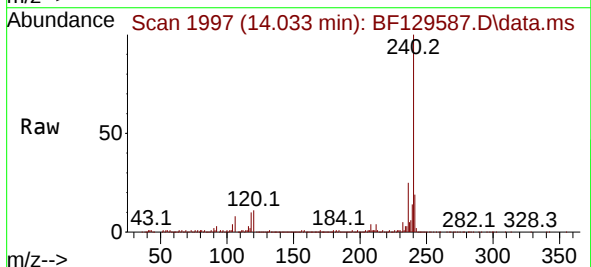
Instrument :
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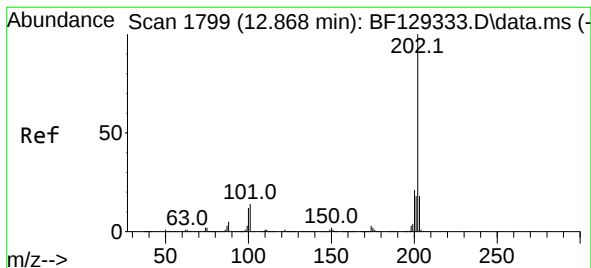
Tgt Ion:202 Resp: 50681
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Tgt Ion:240 Resp: 296680
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 24.5 20.8 31.2





#78

Pyrene

Concen: 2.732 ng

RT: 12.833 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129587.D

Acq: 05 Aug 2022 00:52

Instrument :

BNA_F

ClientSampleId :

RVE-129

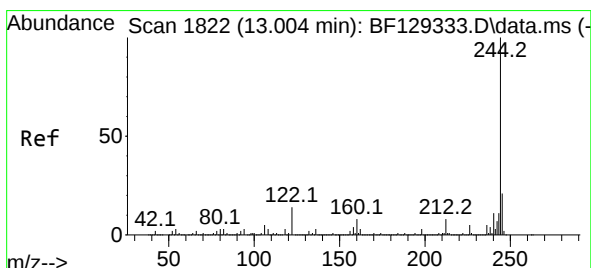
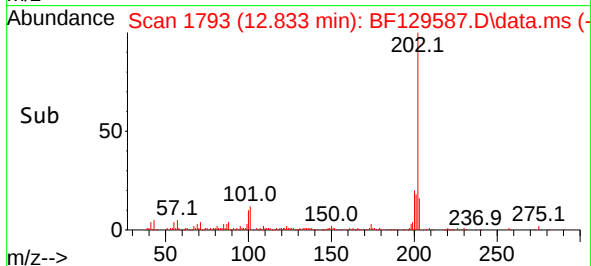
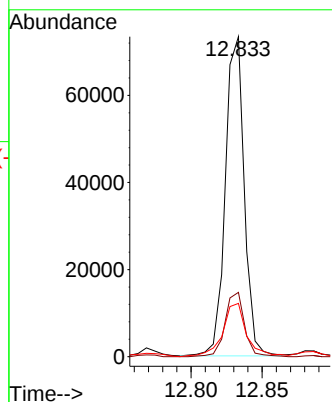
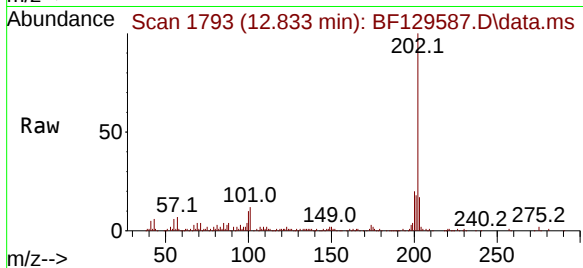
Tgt Ion:202 Resp: 67791

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

203 16.7 14.6 21.8



#79

Terphenyl-d14

Concen: 80.808 ng

RT: 12.974 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF129587.D

Acq: 05 Aug 2022 00:52

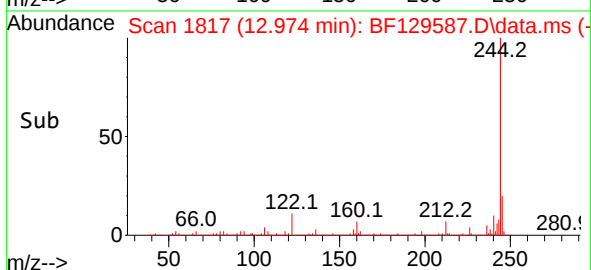
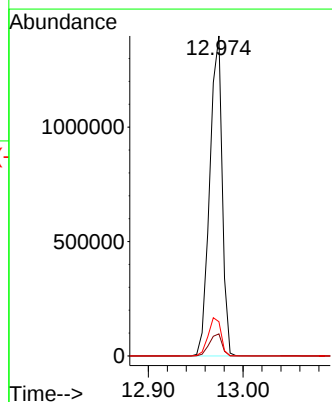
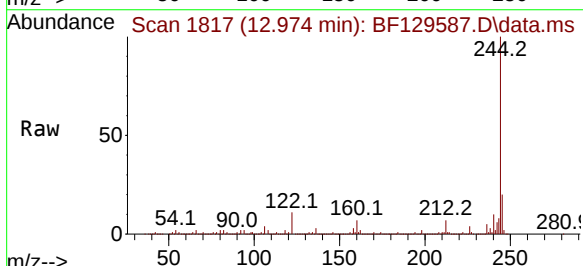
Tgt Ion:244 Resp: 1270765

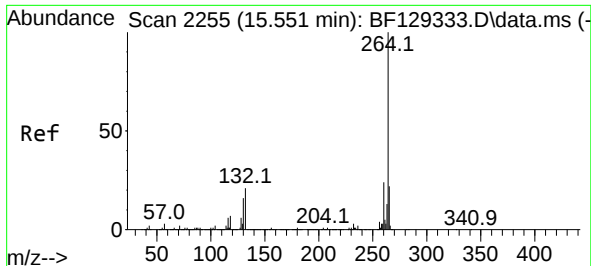
Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 10.7 8.8 13.2

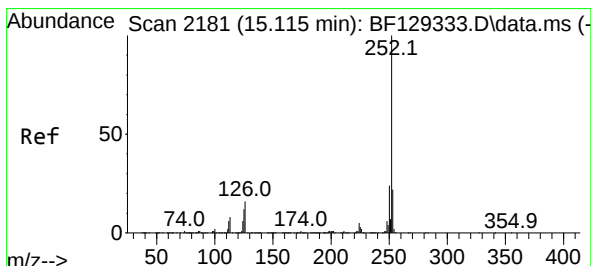
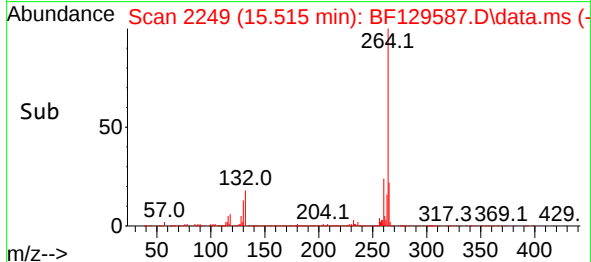
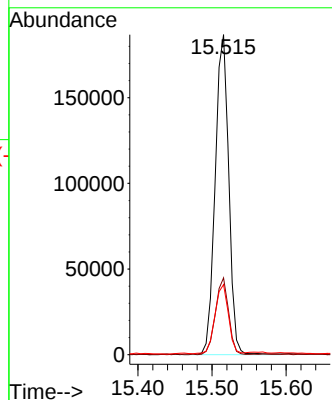
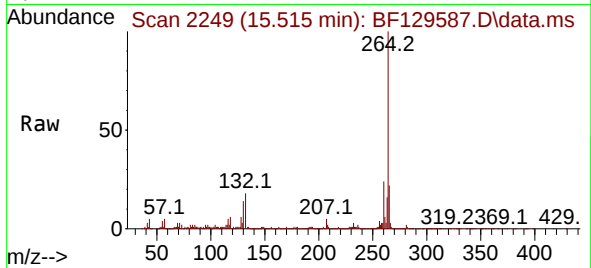




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

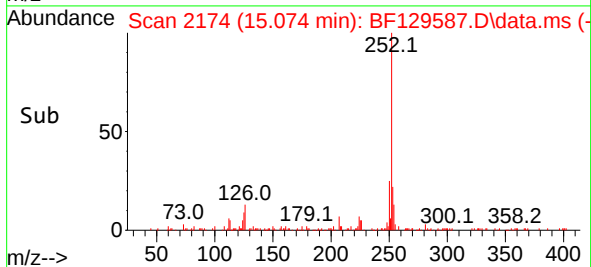
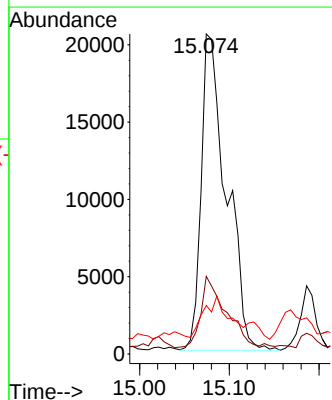
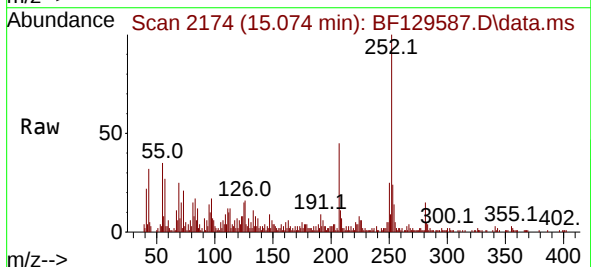
Instrument :
BNA_F
ClientSampleId :
RVE-129

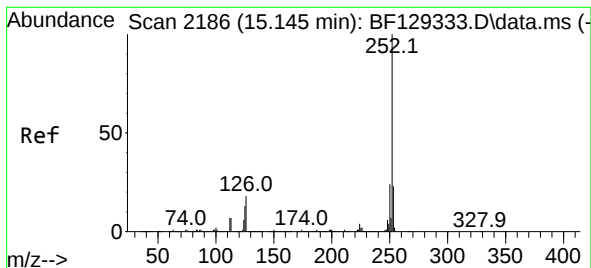
Tgt Ion:264 Resp: 237352
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.533 ng
RT: 15.074 min Scan# 2174
Delta R.T. -0.012 min
Lab File: BF129587.D
Acq: 05 Aug 2022 00:52

Tgt Ion:252 Resp: 39883
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 15.1 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 2.585 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF129587.D

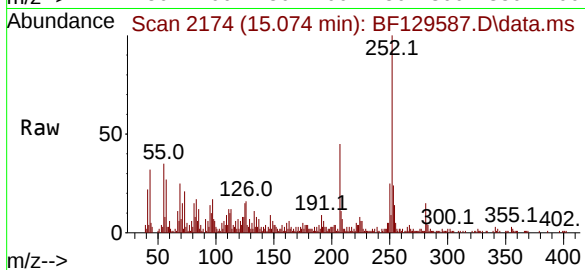
Acq: 05 Aug 2022 00:52

Instrument :

BNA_F

ClientSampleId :

RVE-129



Tgt Ion:252 Resp: 39883

Ion Ratio Lower Upper

252 100

253 24.2 17.8 26.6

125 15.1 8.3 12.5#

