

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129418.D
 Acq On : 28 Jul 2022 20:18
 Operator : CG\JU
 Sample : N3894-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-35

Quant Time: Jul 29 02:09:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

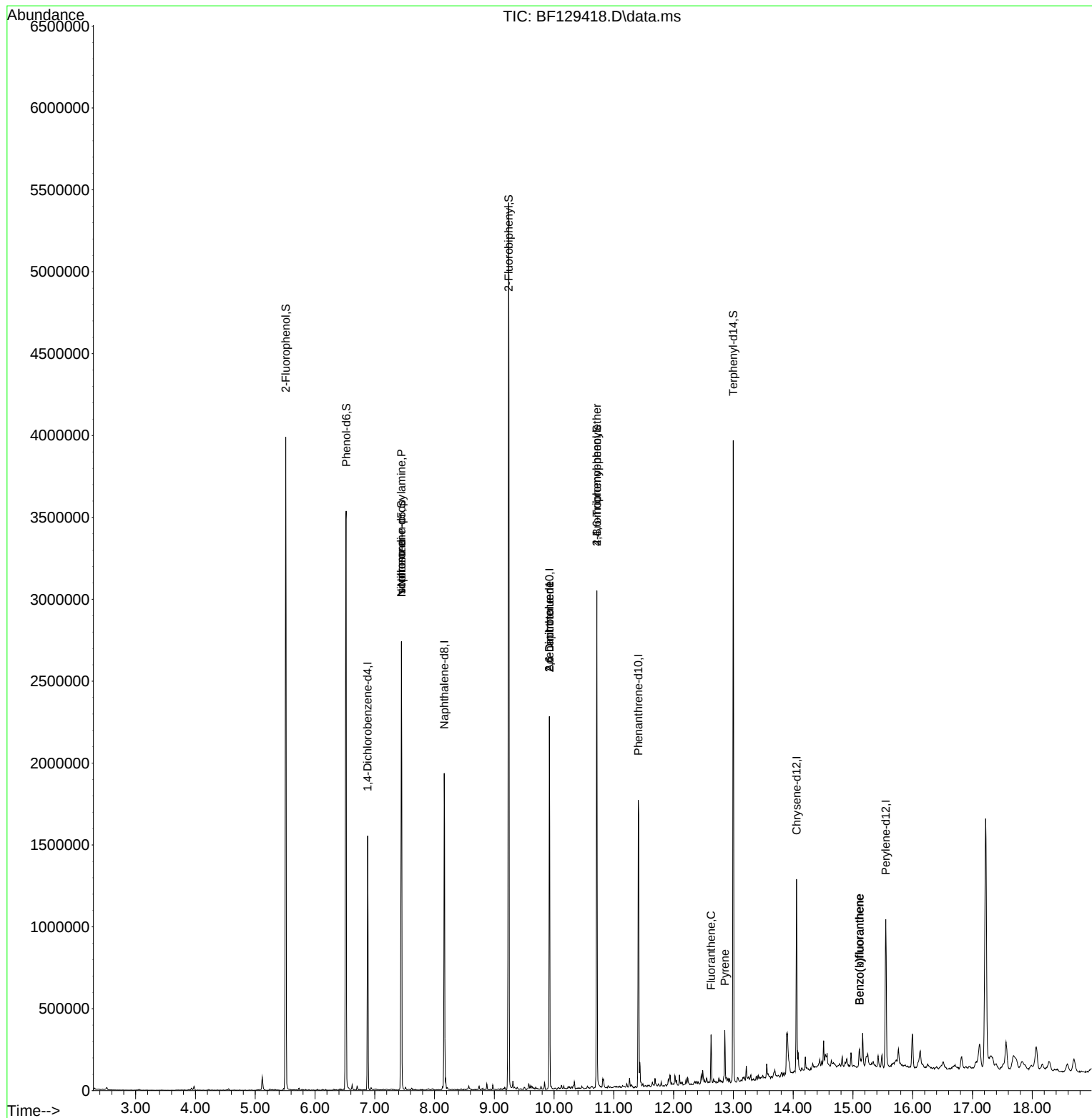
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	209831	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	847641	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	440014	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	647008	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	361004	20.000	ng	-0.01
86) Perylene-d12	15.551	264	394493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1061918	82.441	ng	0.01
7) Phenol-d6	6.522	99	1346936	83.192	ng	0.00
23) Nitrobenzene-d5	7.445	82	905532	58.317	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	318051	75.182	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1670722	58.737	ng	0.00
79) Terphenyl-d14	12.998	244	1220686	63.792	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	120181	12.261	ng	# 75
25) Isophorone	7.445	82	904265	32.488	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	58326	8.579	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	58326	6.567	ng	# 22
67) 4-Bromophenyl-phenylether	10.716	248	20172	2.847	ng	# 1
75) Fluoranthene	12.627	202	99883	2.791	ng	99
78) Pyrene	12.857	202	103115	3.416	ng	98
88) Benzo(b)fluoranthene	15.110	252	76021	2.905	ng	# 97
89) Benzo(k)fluoranthene	15.110	252	76021	2.965	ng	# 98

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

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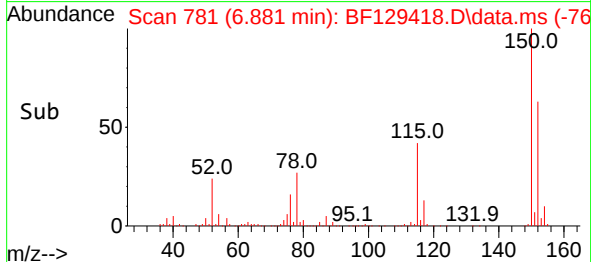
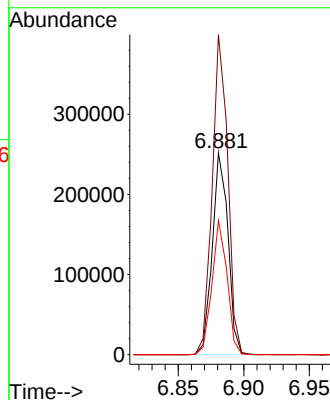
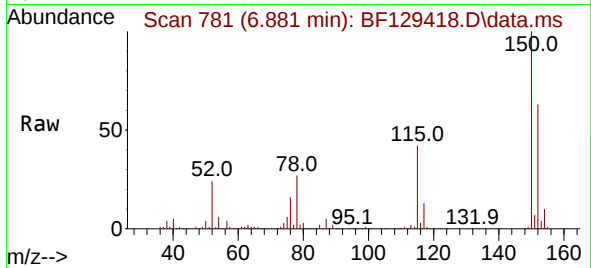




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

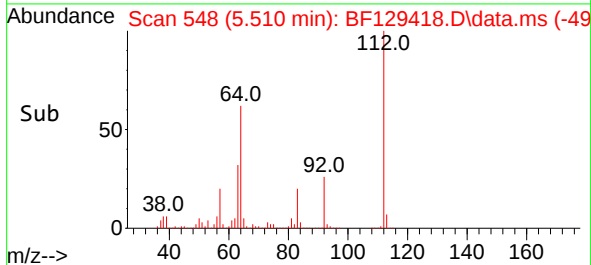
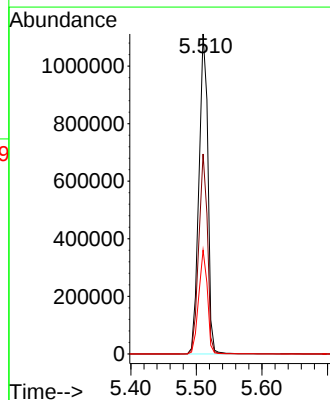
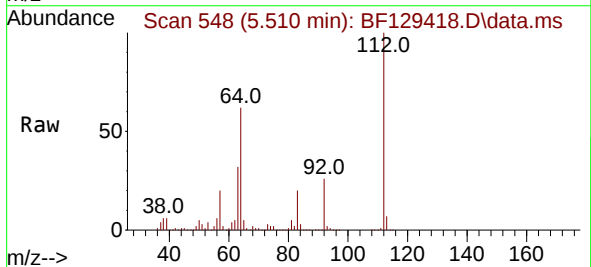
Instrument :
BNA_F
ClientSampleId :
RVE-35

Tgt Ion:152 Resp: 209831
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 66.5 49.9 74.9



#5
2-Fluorophenol
Concen: 82.441 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:112 Resp: 1061918
Ion Ratio Lower Upper
112 100
64 62.5 53.3 79.9
63 32.5 28.0 42.0

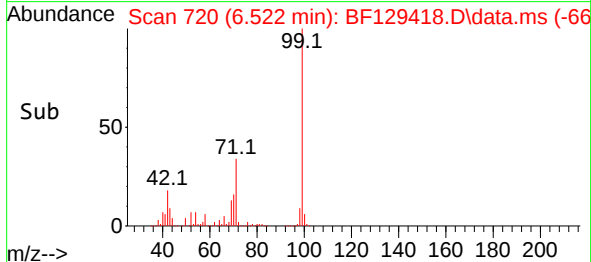
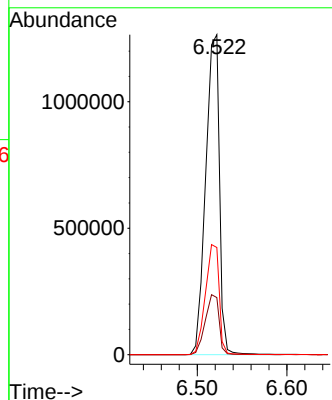
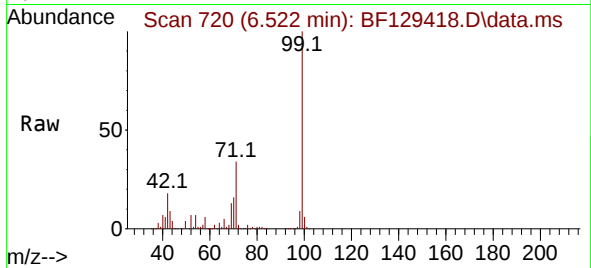




#7
Phenol-d6
Concen: 83.192 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

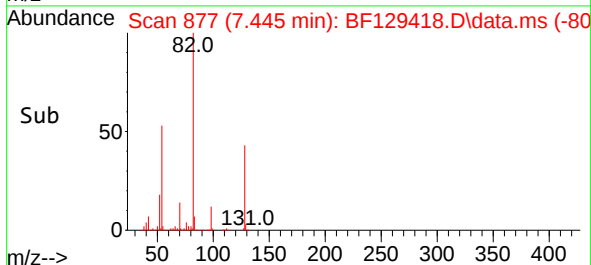
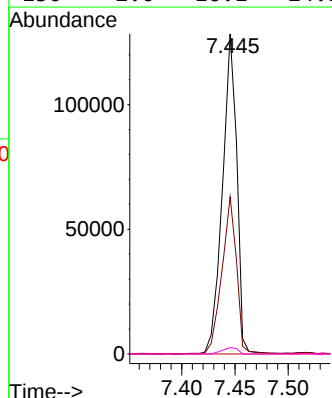
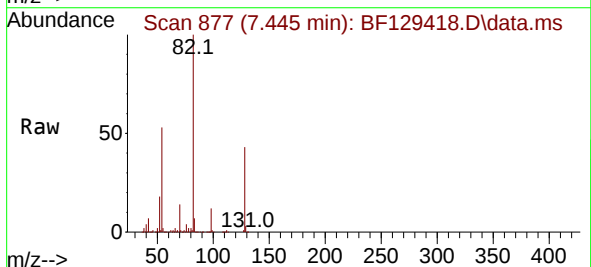
Instrument :
BNA_F
ClientSampleId :
RVE-35

Tgt Ion: 99 Resp: 1346936
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 33.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.261 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion: 70 Resp: 120181
Ion Ratio Lower Upper
70 100
42 49.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



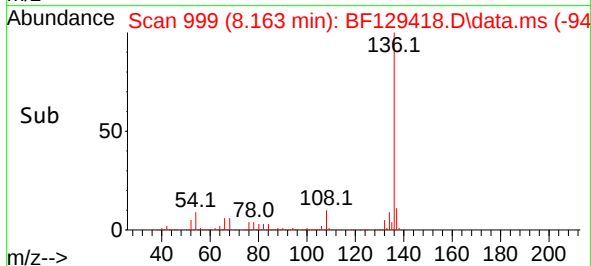
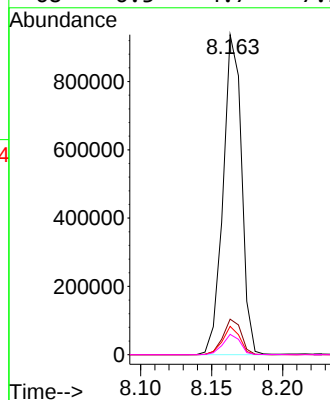
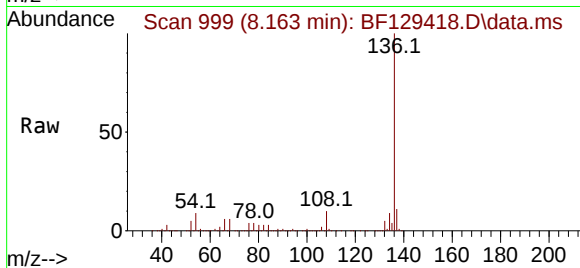


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Instrument :
BNA_F
ClientSampleId :
RVE-35

Tgt Ion:136 Resp: 847641

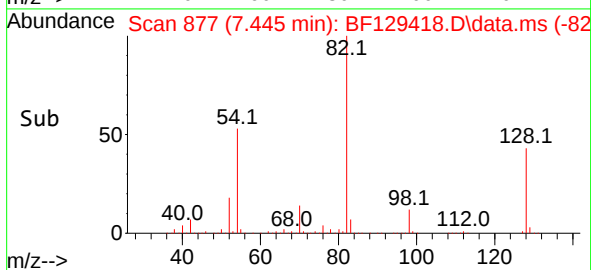
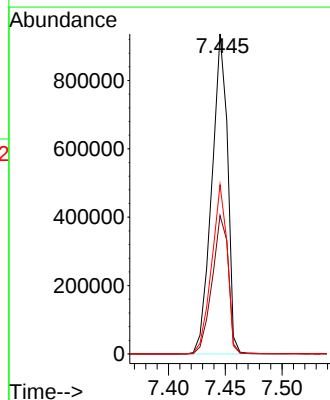
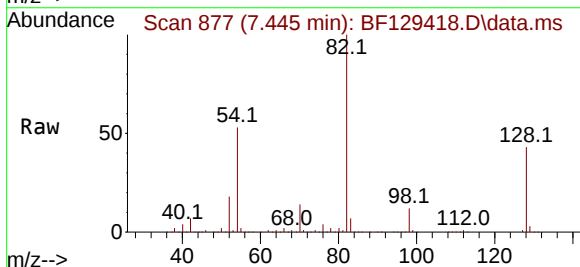
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	7.5	11.3
68	6.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 58.317 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion: 82 Resp: 905532

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	52.9	46.9	70.3

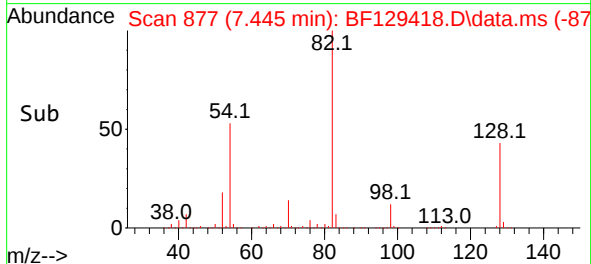
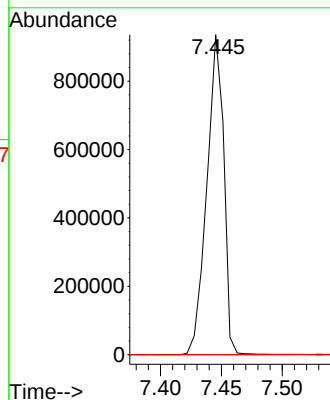
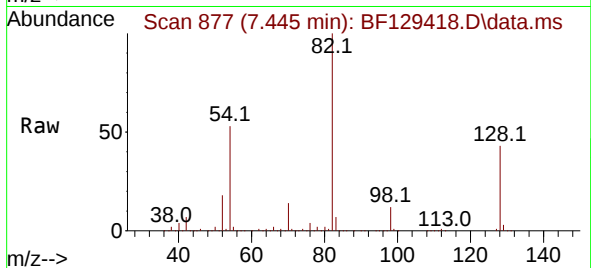




#25
Isophorone
Concen: 32.488 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

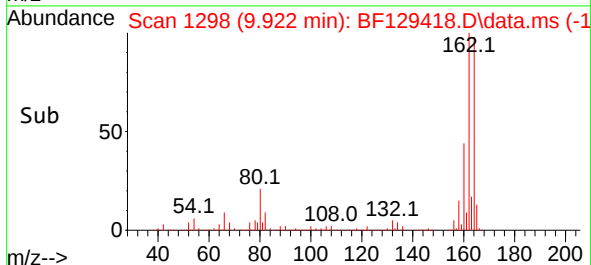
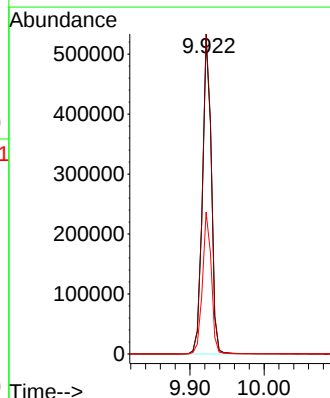
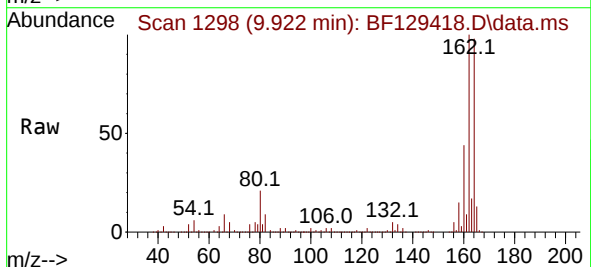
Instrument :
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ClientSampleId :
RVE-35

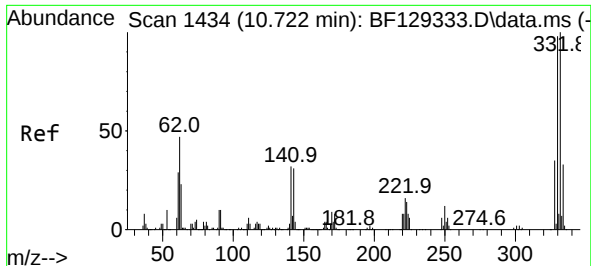
Tgt Ion: 82 Resp: 904265
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion: 164 Resp: 440014
Ion Ratio Lower Upper
164 100
162 101.7 79.5 119.3
160 45.1 34.2 51.4

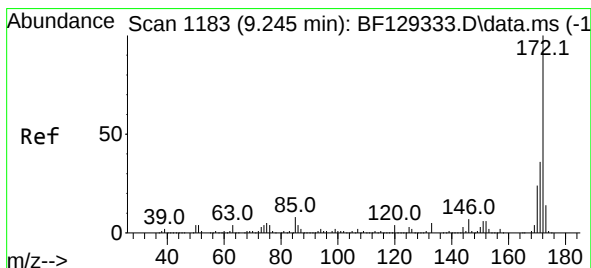
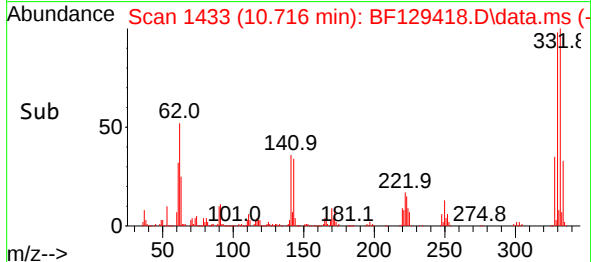
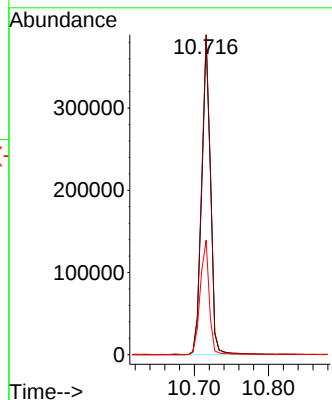
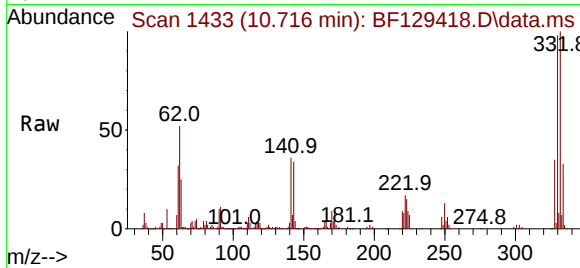




#42
2,4,6-Tribromophenol
Concen: 75.182 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

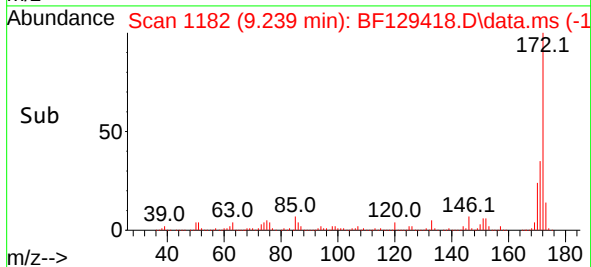
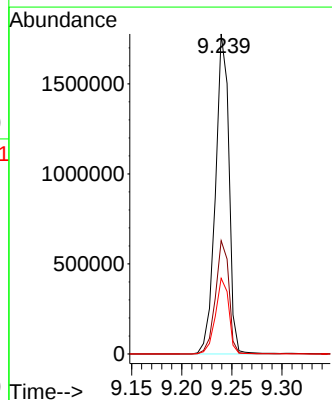
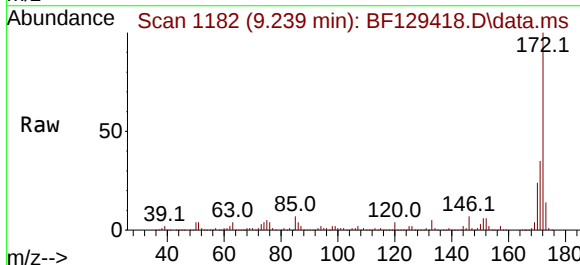
Instrument :
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RVE-35

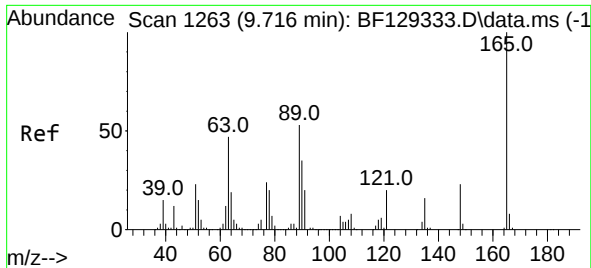
Tgt Ion:330 Resp: 318051
Ion Ratio Lower Upper
330 100
332 102.2 76.8 115.2
141 36.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 58.737 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:172 Resp: 1670722
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 19.8 29.8

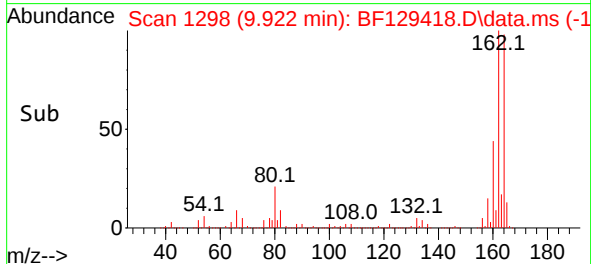
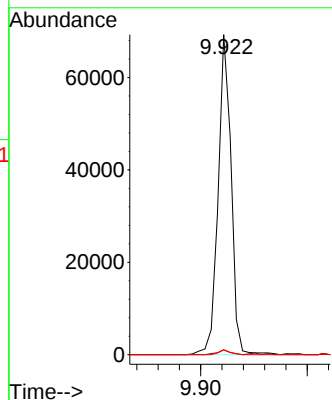
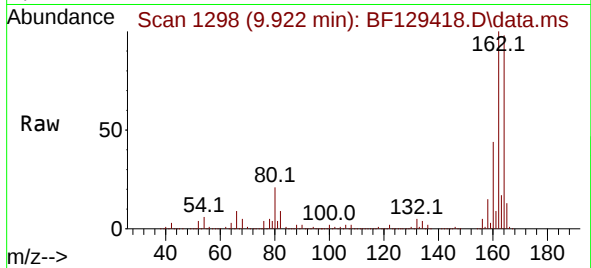




#51
2,6-Dinitrotoluene
Concen: 8.579 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

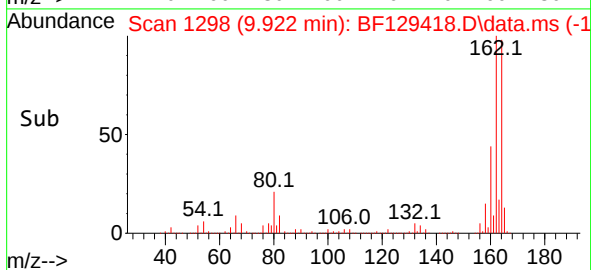
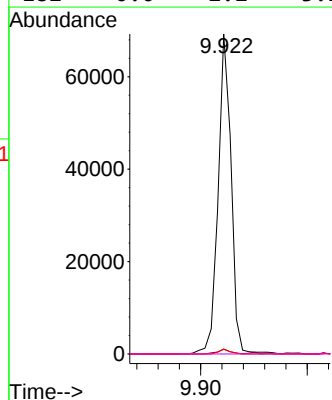
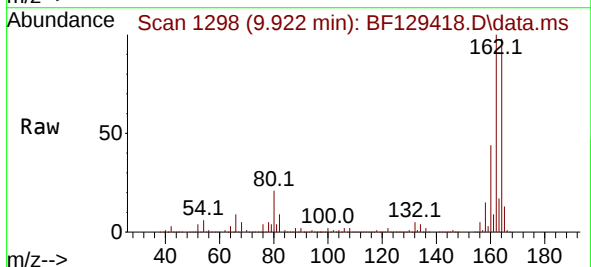
Instrument :
BNA_F
ClientSampleId :
RVE-35

Tgt Ion:165 Resp: 58326
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.567 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:165 Resp: 58326
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

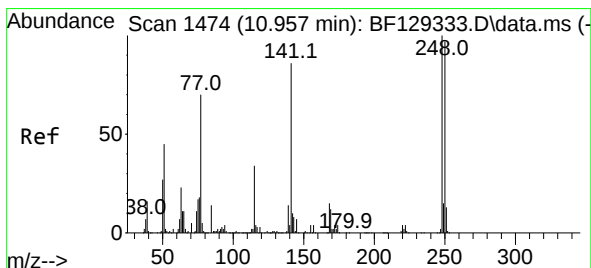
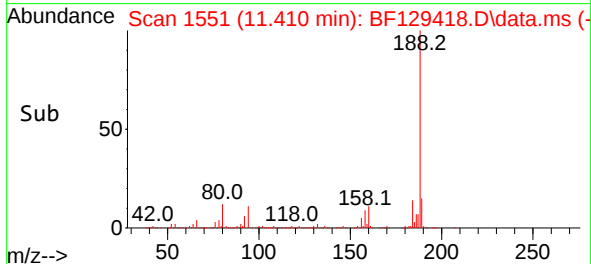
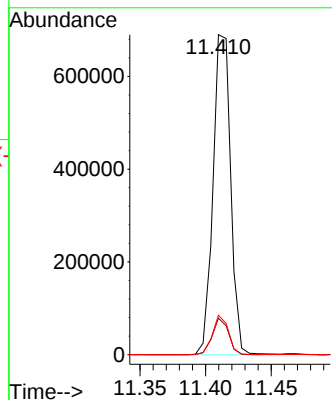
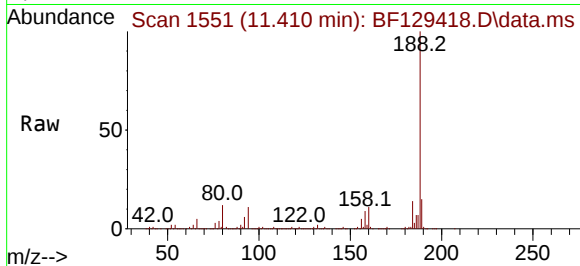




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

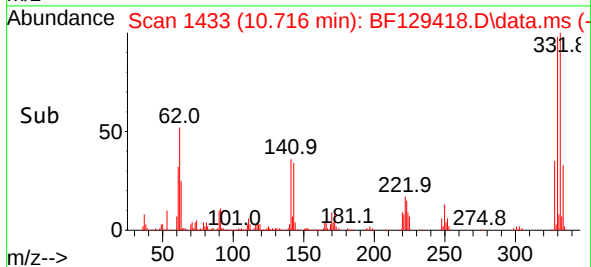
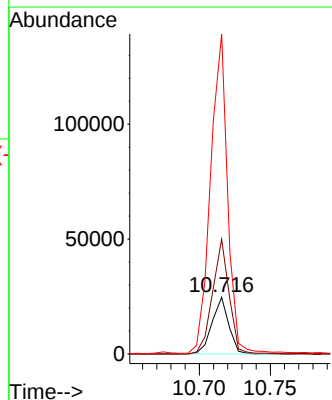
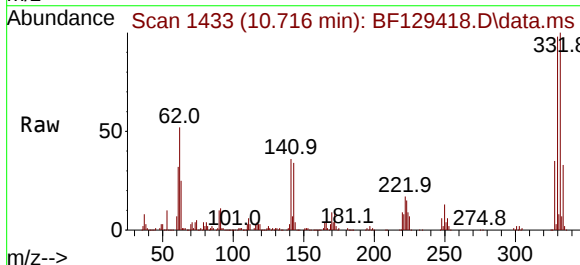
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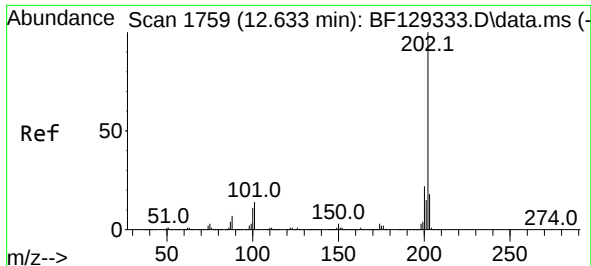
Tgt Ion:188 Resp: 647008
Ion Ratio Lower Upper
188 100
94 11.4 7.0 10.6#
80 12.3 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 2.847 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:248 Resp: 20172
Ion Ratio Lower Upper
248 100
250 202.6 80.6 120.8#
141 564.6 58.9 88.3#

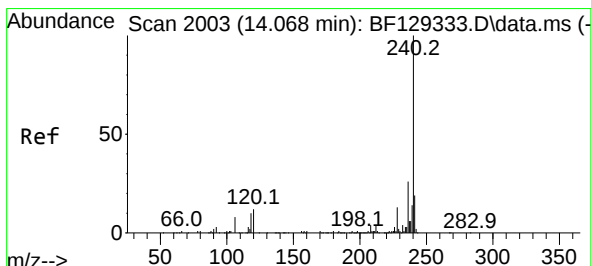
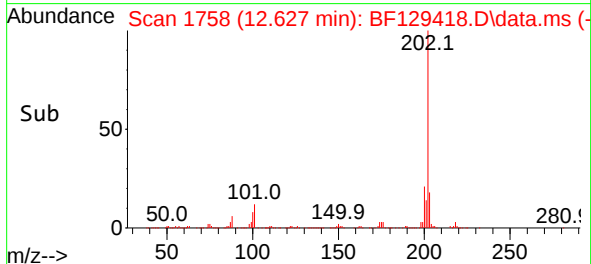
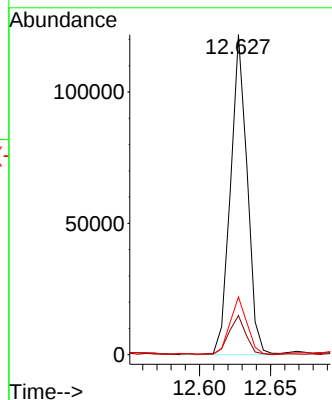
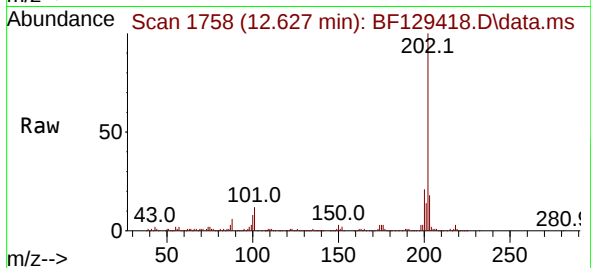




#75
Fluoranthene
Concen: 2.791 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

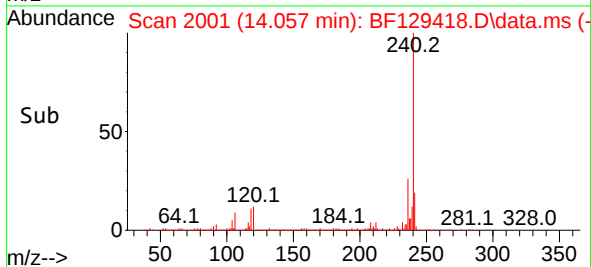
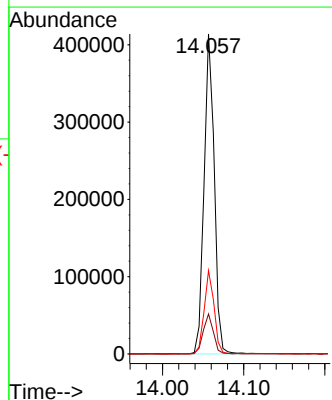
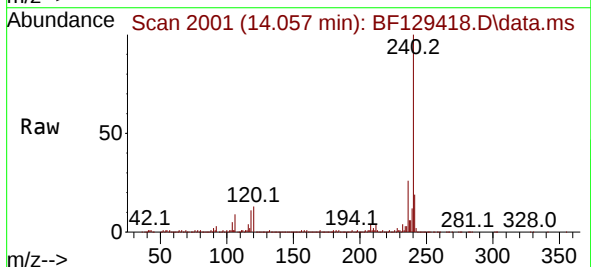
Instrument :
BNA_F
ClientSampleId :
RVE-35

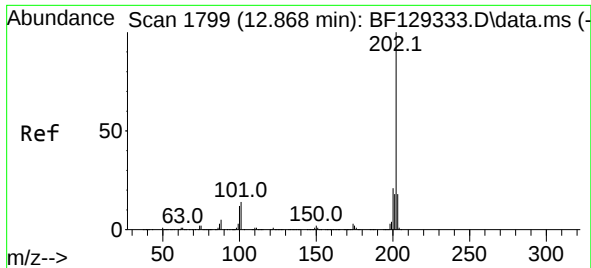
Tgt Ion:202 Resp: 99883
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:240 Resp: 361004
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 26.0 20.8 31.2

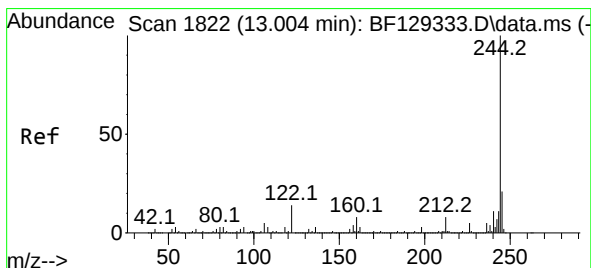
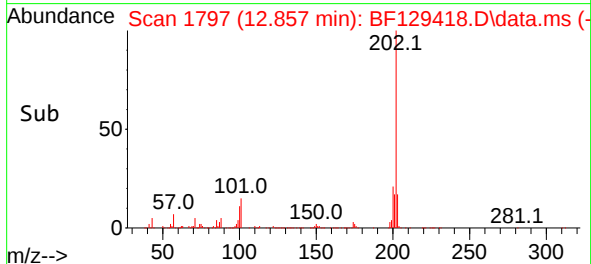
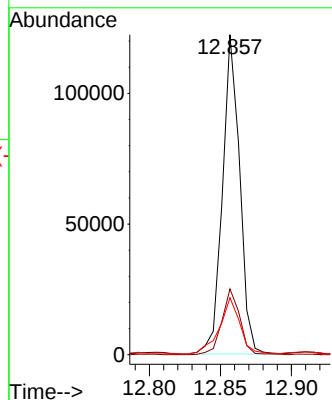
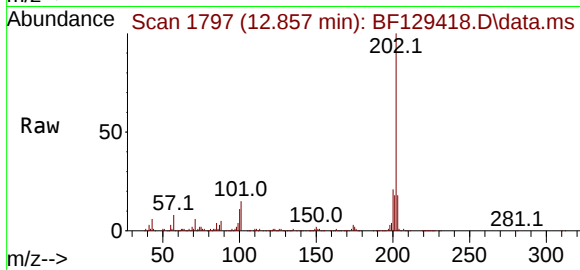




#78
Pyrene
Concen: 3.416 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

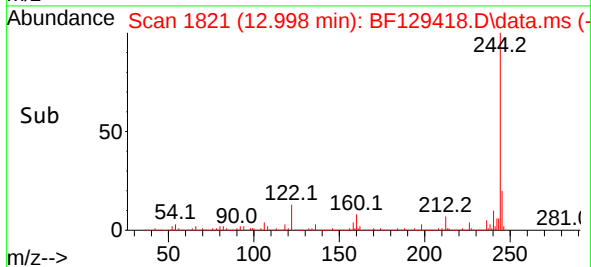
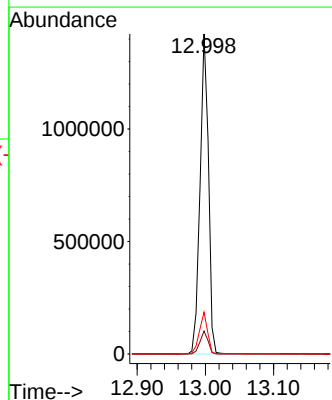
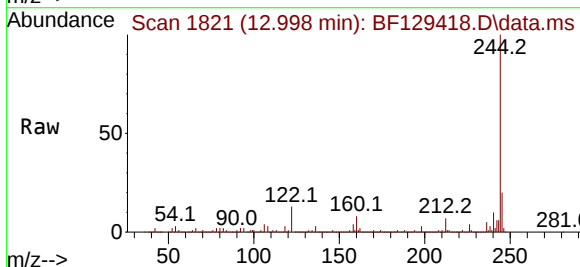
Instrument :
BNA_F
ClientSampleId :
RVE-35

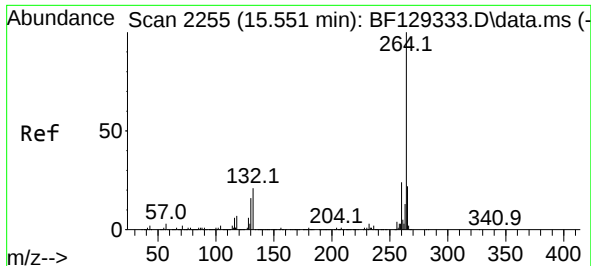
Tgt Ion:202 Resp: 103115
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 17.8 14.6 21.8



#79
Terphenyl-d14
Concen: 63.792 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:244 Resp: 1220686
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.1 8.8 13.2



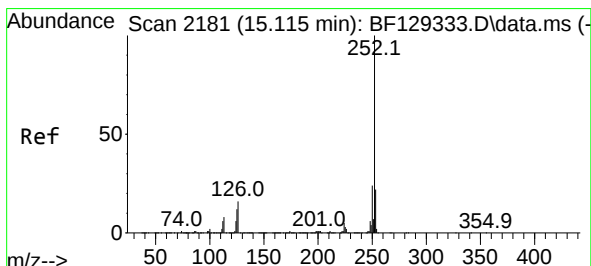
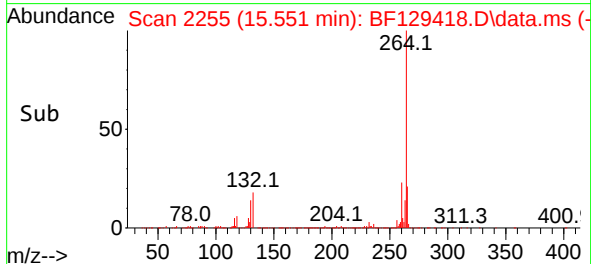
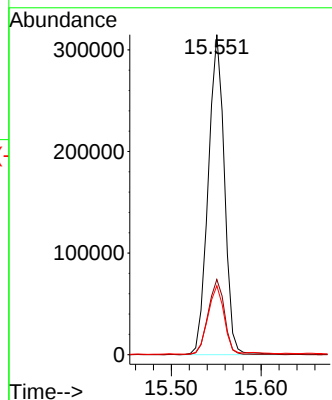
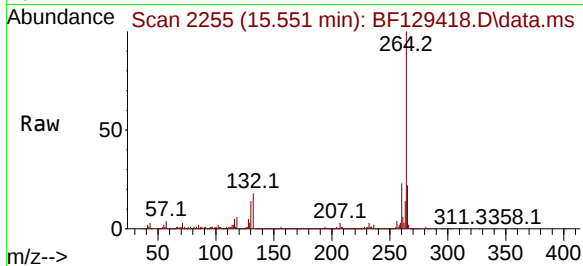


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Instrument :
BNA_F
ClientSampleId :
RVE-35

Tgt Ion:264 Resp: 394493

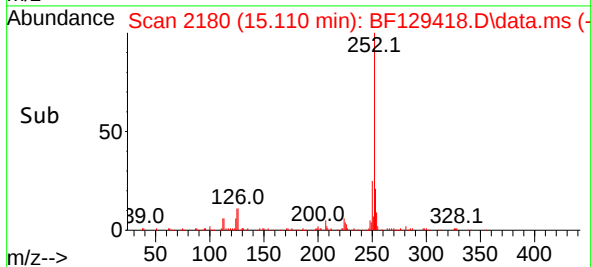
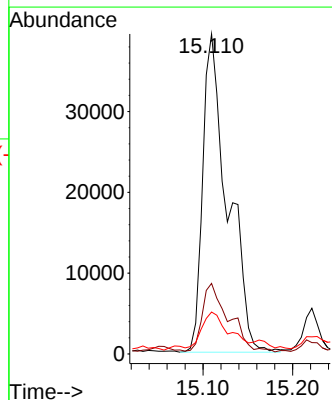
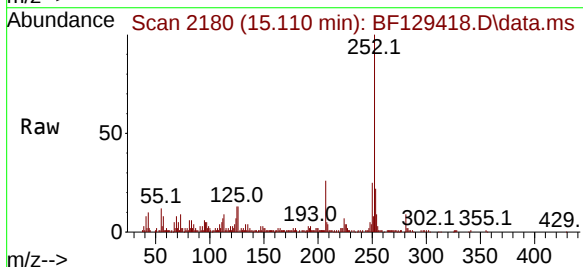
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.6	17.2	25.8

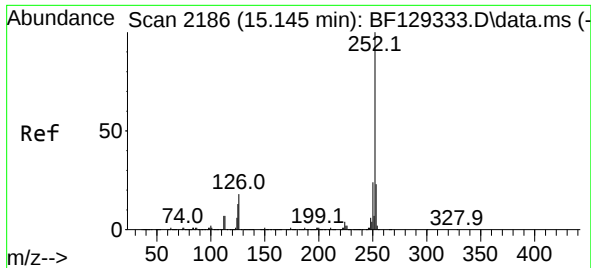


#88
Benzo(b)fluoranthene
Concen: 2.905 ng
RT: 15.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129418.D
Acq: 28 Jul 2022 20:18

Tgt Ion:252 Resp: 76021

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	13.1	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 2.965 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF129418.D

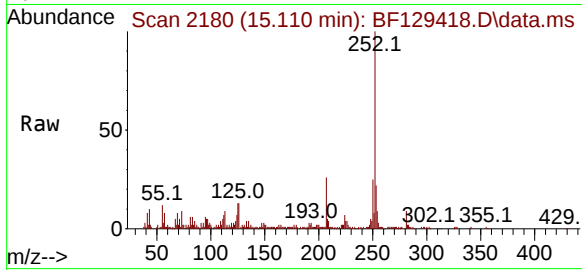
Acq: 28 Jul 2022 20:18

Instrument :

BNA_F

ClientSampleId :

RVE-35



Tgt Ion:252 Resp: 76021

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 13.1 8.3 12.5#

