

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129437.D
 Acq On : 29 Jul 2022 12:24
 Operator : CG\JU
 Sample : N3893-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-15

Quant Time: Jul 29 18:20:07 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)

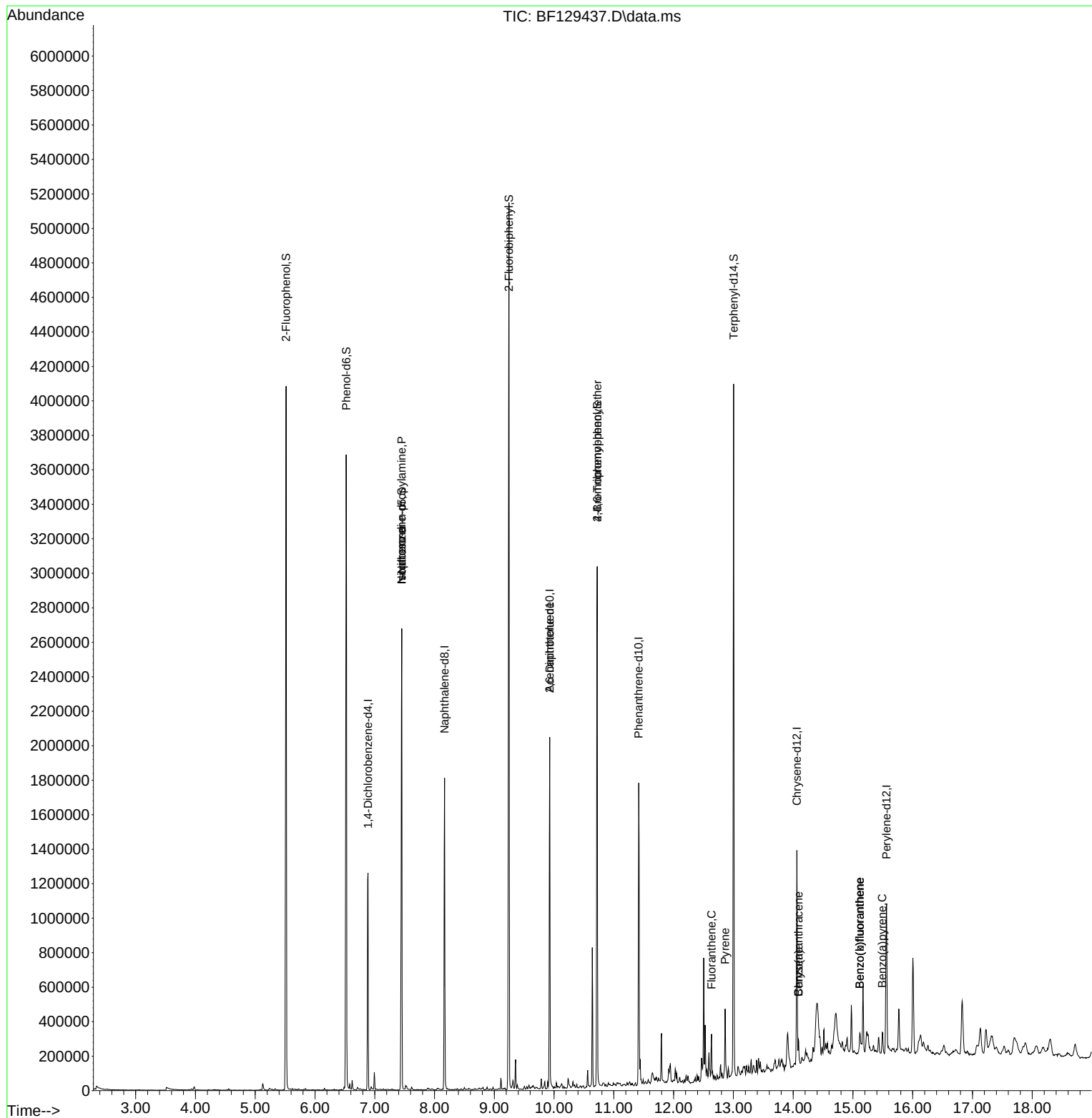
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	182884	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	742438	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	390196	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	610484	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	368319	20.000	ng	0.00
86) Perylene-d12	15.563	264	379500	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1050963	93.612	ng	0.02
7) Phenol-d6	6.522	99	1353895	95.943	ng	0.00
23) Nitrobenzene-d5	7.451	82	837986	61.614	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	339811	90.581	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1501830	59.541	ng	0.00
79) Terphenyl-d14	13.004	244	1298649	66.519	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	112667	13.188	ng	# 73
25) Isophorone	7.451	82	835062	34.253	ng	# 65
51) 2,6-Dinitrotoluene	9.928	165	49751	8.252	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	21777	3.258	ng	# 1
75) Fluoranthene	12.633	202	87461	2.590	ng	99
78) Pyrene	12.863	202	142108	4.614	ng	97
81) Benzo(a)anthracene	14.092	228	63118	2.509	ng	96
83) Chrysene	14.092	228	63118	2.662	ng	99
88) Benzo(b)fluoranthene	15.116	252	88754	3.526	ng	98
89) Benzo(k)fluoranthene	15.116	252	88754	3.598	ng	98
90) Benzo(a)pyrene	15.492	252	55632	2.722	ng	95

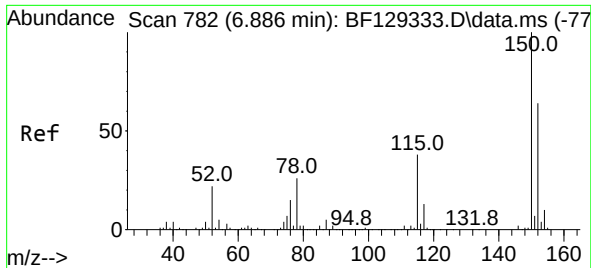
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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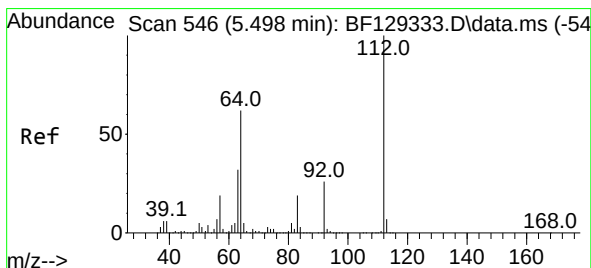
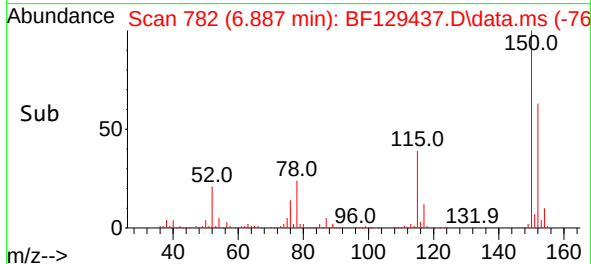
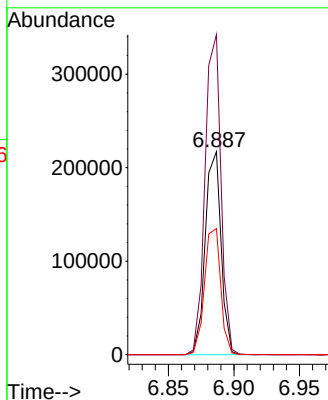
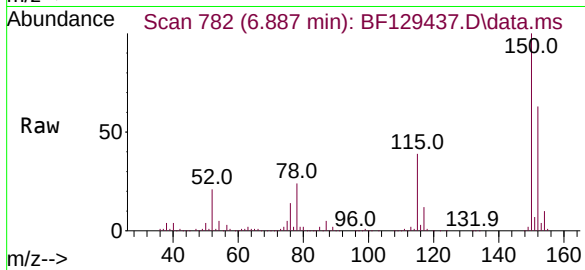




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF129437.D
 Acq: 29 Jul 2022 12:24

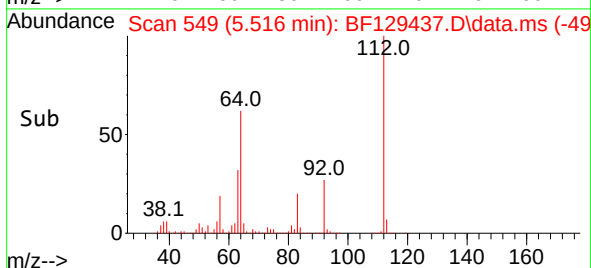
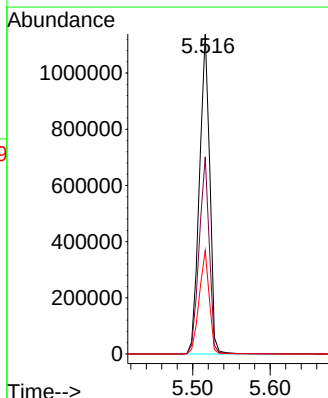
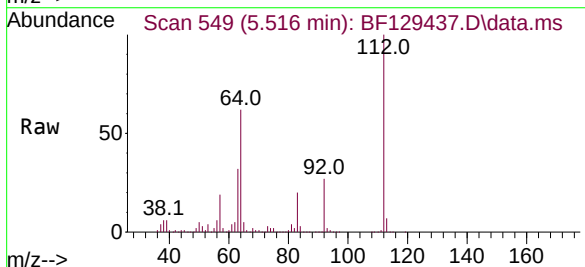
Instrument :
 BNA_F
 ClientSampleId :
 RVE-15

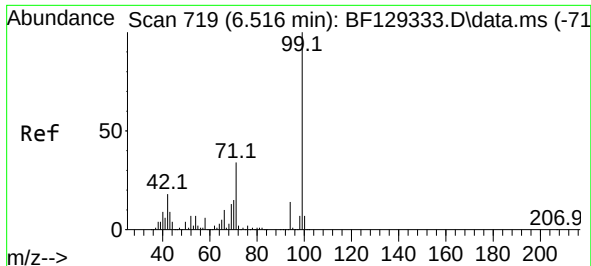
Tgt Ion:152 Resp: 182884
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.7 185.5
 115 62.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 93.612 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129437.D
 Acq: 29 Jul 2022 12:24

Tgt Ion:112 Resp: 1050963
 Ion Ratio Lower Upper
 112 100
 64 61.6 53.3 79.9
 63 32.3 28.0 42.0

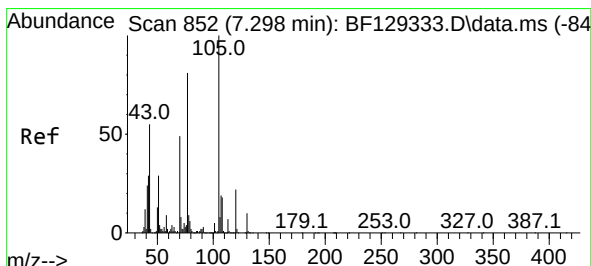
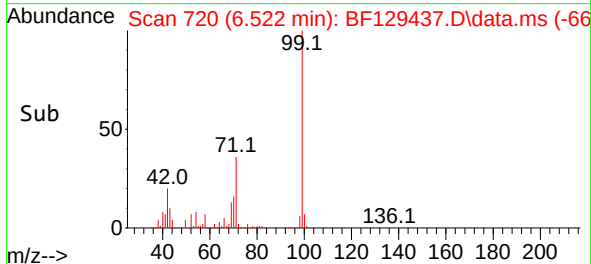
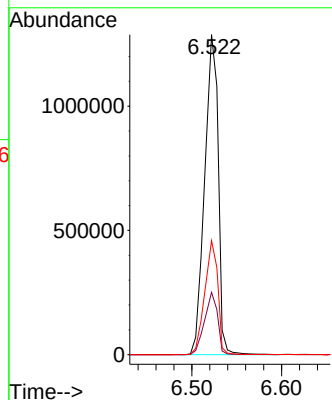
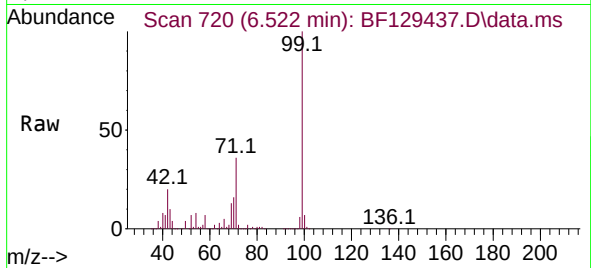




#7
Phenol-d6
Concen: 95.943 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

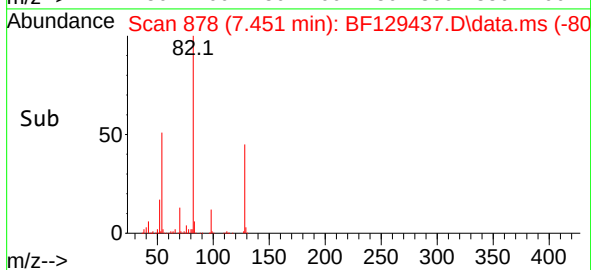
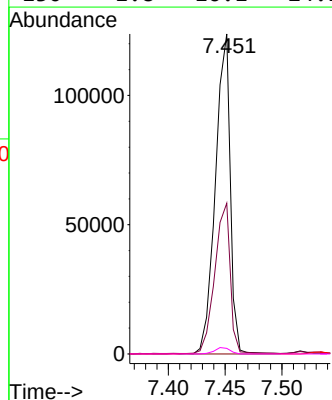
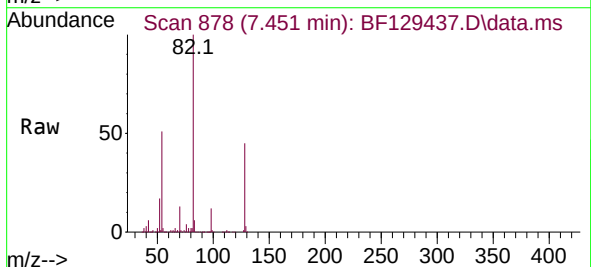
Instrument :
BNA_F
ClientSampleId :
RVE-15

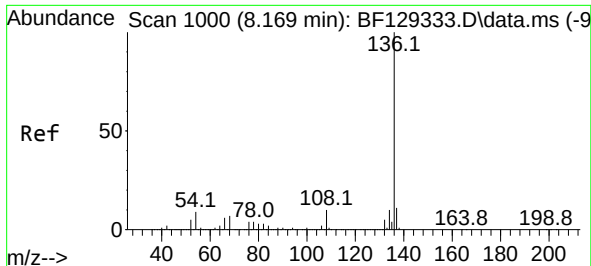
Tgt Ion: 99 Resp: 1353895
Ion Ratio Lower Upper
99 100
42 19.5 17.3 25.9
71 35.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.188 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion: 70 Resp: 112667
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



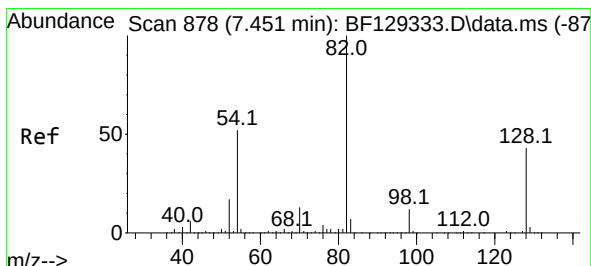
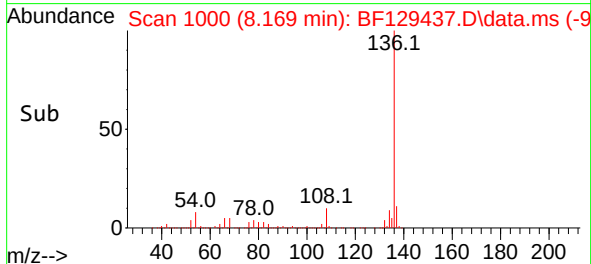
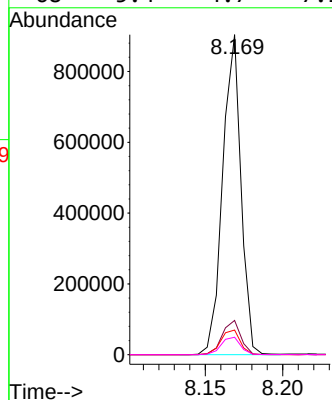
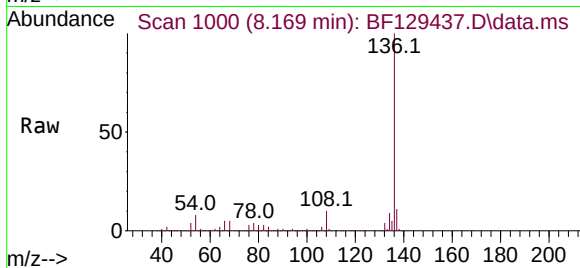


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Instrument :
BNA_F
ClientSampleId :
RVE-15

Tgt Ion:136 Resp: 742438

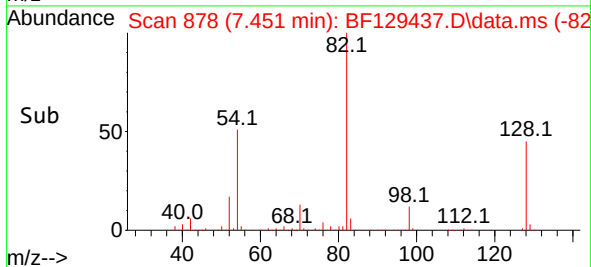
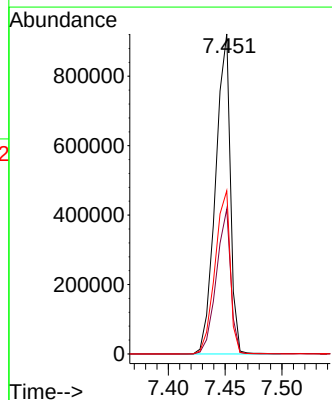
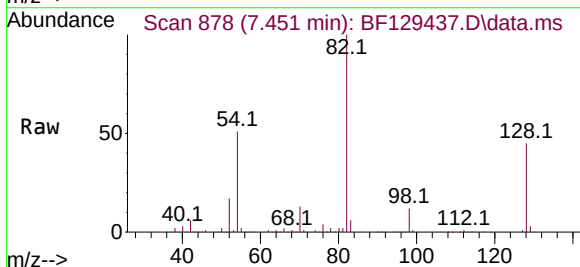
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	7.5	11.3
68	5.4	4.7	7.1

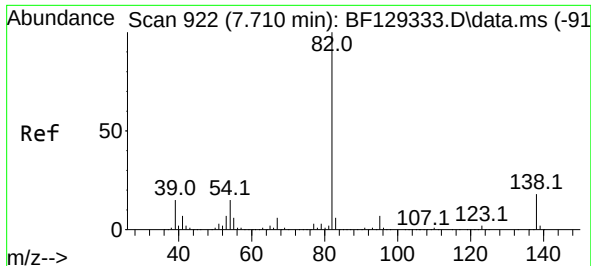


#23
Nitrobenzene-d5
Concen: 61.614 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion: 82 Resp: 837986

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.0	51.0
54	51.0	46.9	70.3

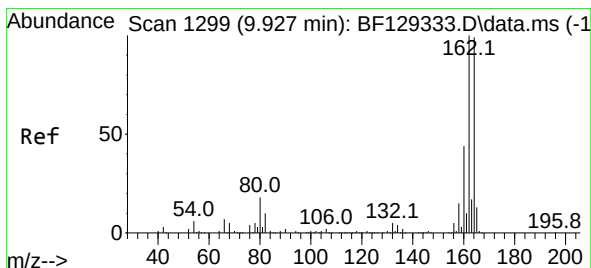
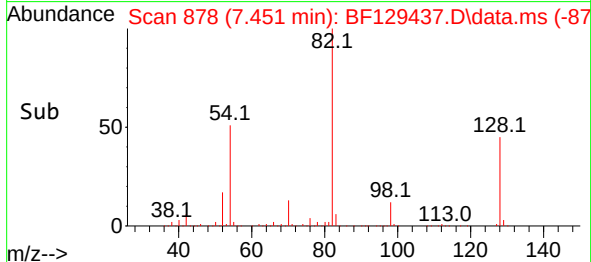
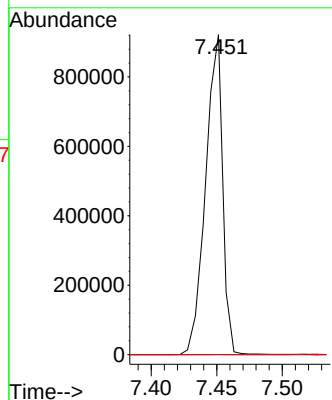
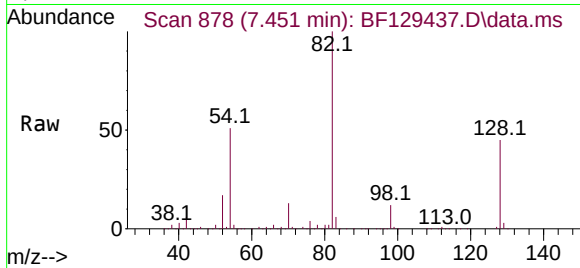




#25
Isophorone
Concen: 34.253 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

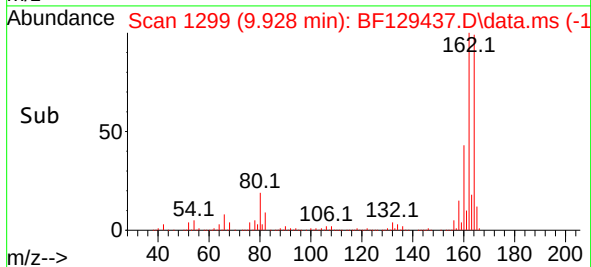
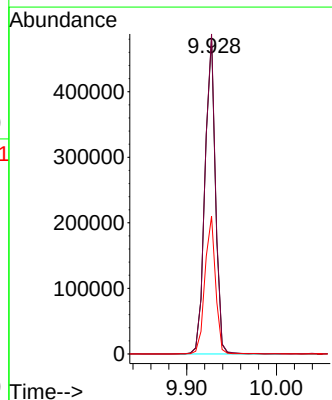
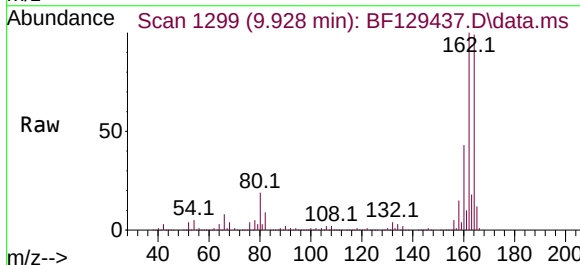
Instrument :
BNA_F
ClientSampleId :
RVE-15

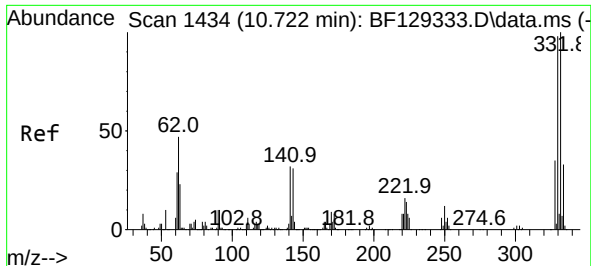
Tgt Ion: 82 Resp: 835062
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion:164 Resp: 390196
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 43.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 90.581 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129437.D

Acq: 29 Jul 2022 12:24

Instrument :

BNA_F

ClientSampleId :

RVE-15

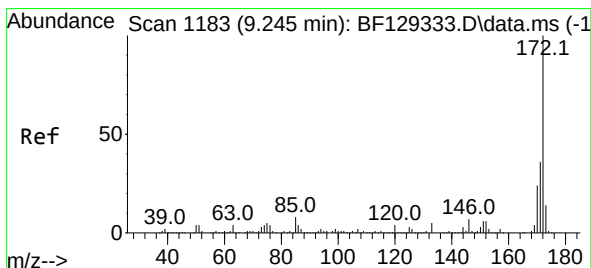
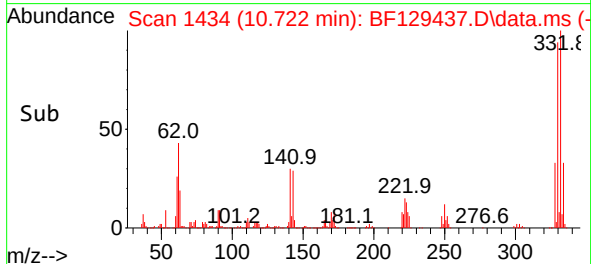
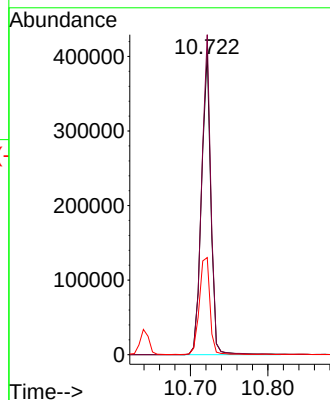
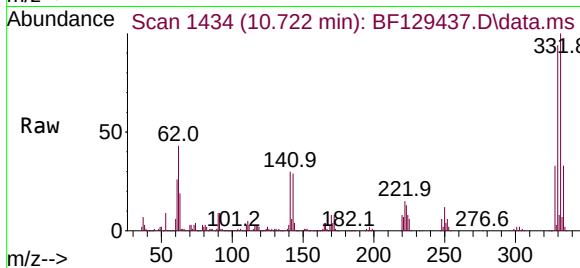
Tgt Ion:330 Resp: 339811

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 59.541 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129437.D

Acq: 29 Jul 2022 12:24

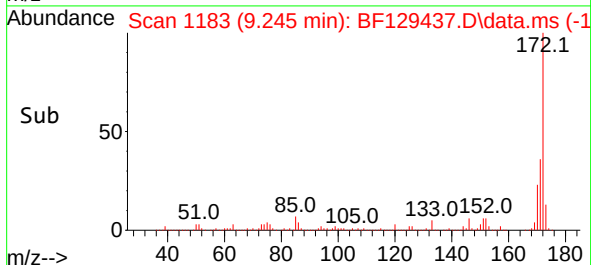
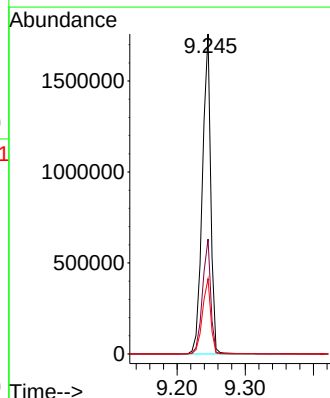
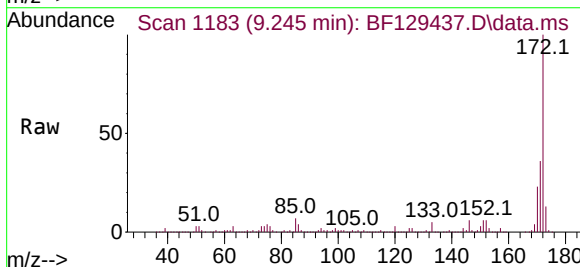
Tgt Ion:172 Resp: 1501830

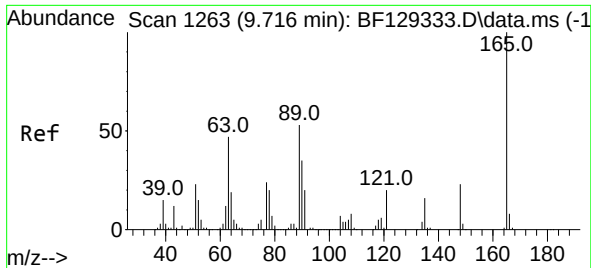
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.5 19.8 29.8

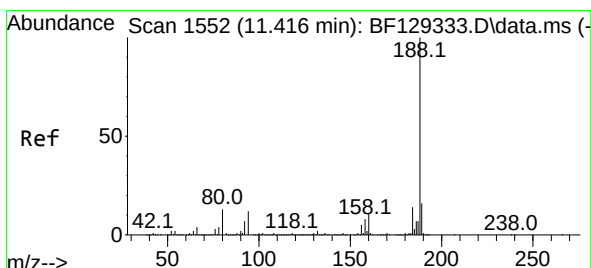
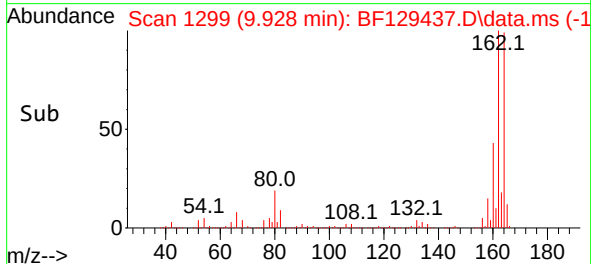
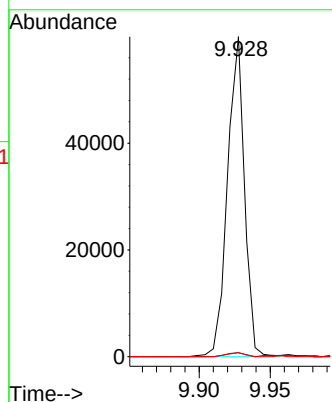
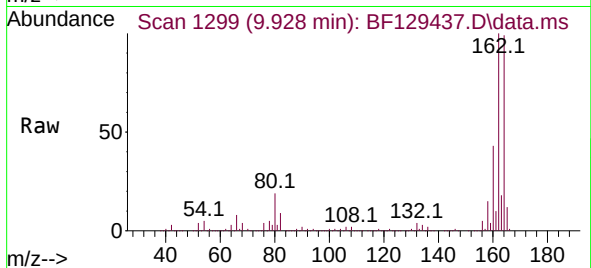




#51
2,6-Dinitrotoluene
Concen: 8.252 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.212 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

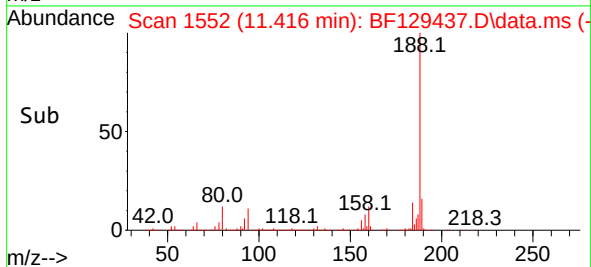
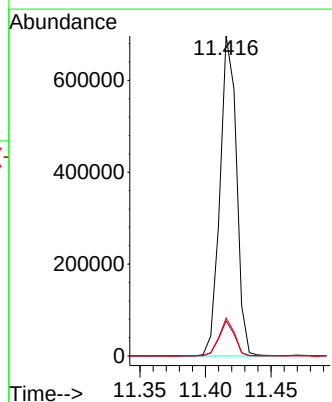
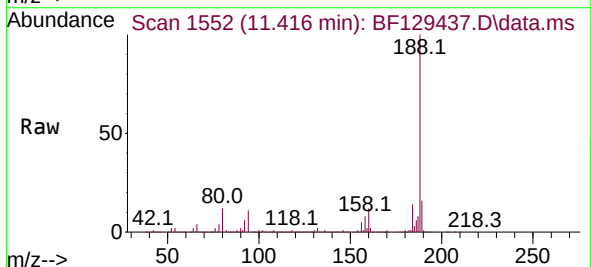
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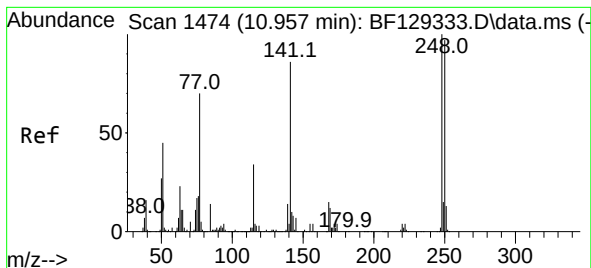
Tgt Ion:165 Resp: 49751
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.3 43.6 65.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion:188 Resp: 610484
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.8 7.6 11.4#

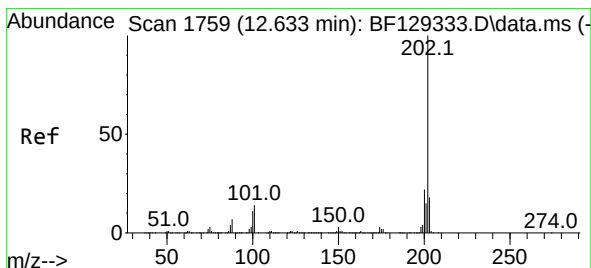
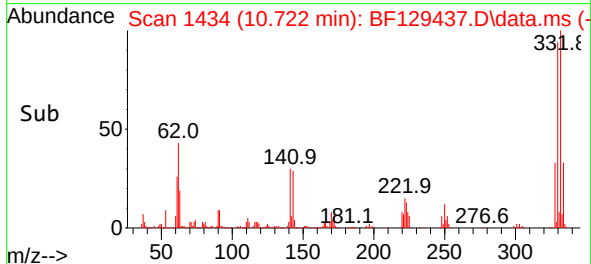
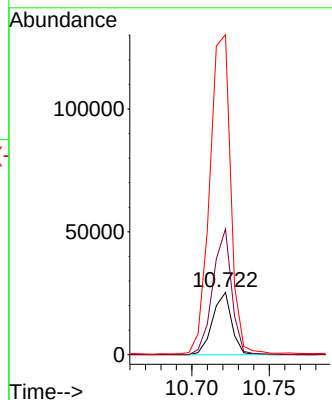
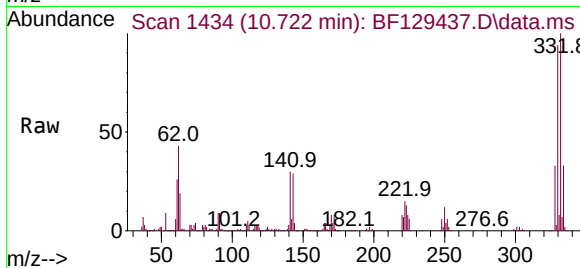




#67
4-Bromophenyl-phenylether
Concen: 3.258 ng
RT: 10.722 min Scan# 1474
Delta R.T. -0.235 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

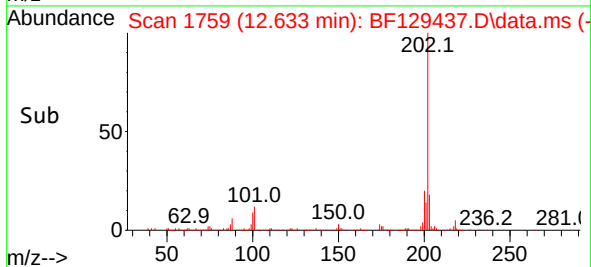
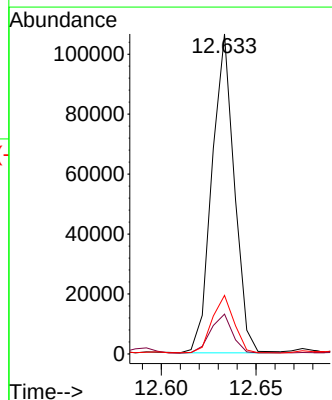
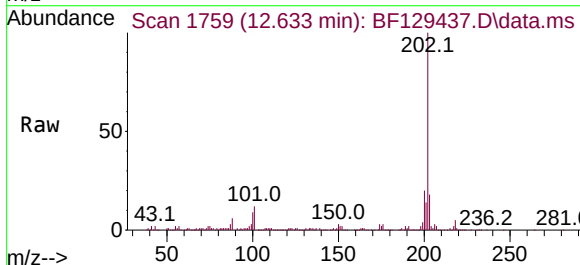
Instrument :
BNA_F
ClientSampleId :
RVE-15

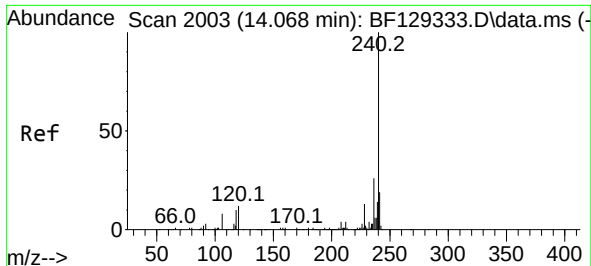
Tgt Ion:248 Resp: 21777
Ion Ratio Lower Upper
248 100
250 202.1 80.6 120.8#
141 513.9 58.9 88.3#



#75
Fluoranthene
Concen: 2.590 ng
RT: 12.633 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion:202 Resp: 87461
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 18.3 0.0 38.0

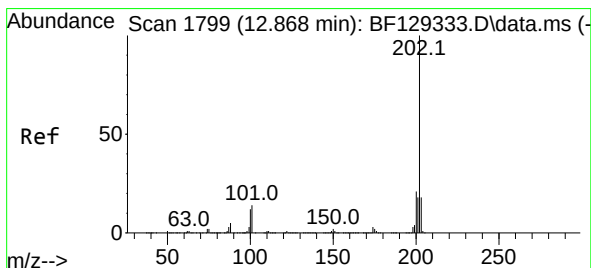
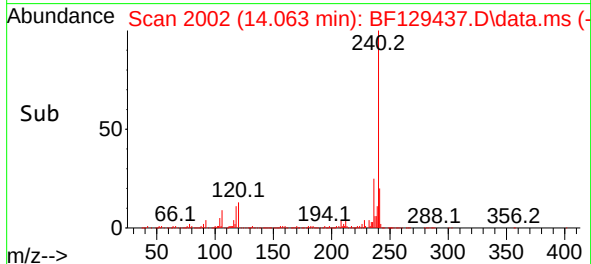
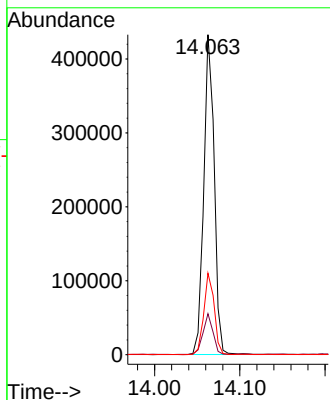
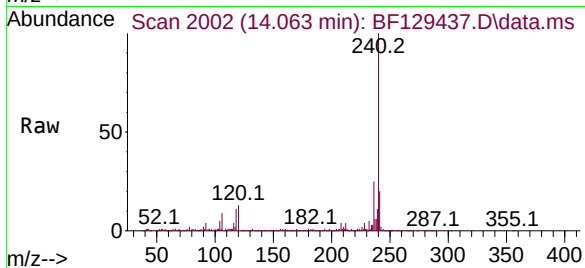




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

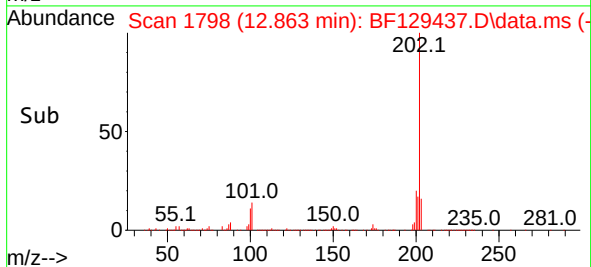
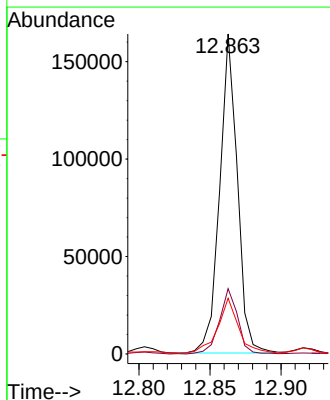
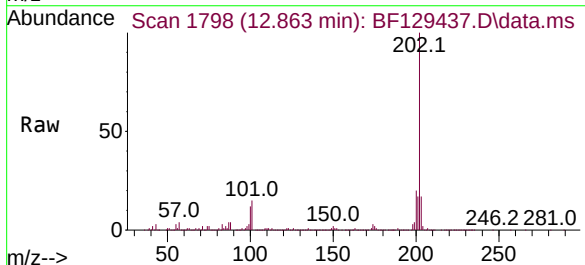
Instrument :
BNA_F
ClientSampleId :
RVE-15

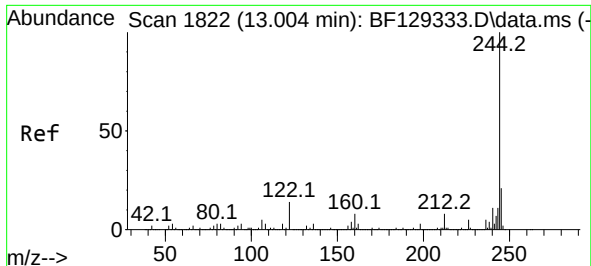
Tgt Ion:240 Resp: 368319
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 25.5 20.8 31.2



#78
Pyrene
Concen: 4.614 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion:202 Resp: 142108
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 17.4 14.6 21.8

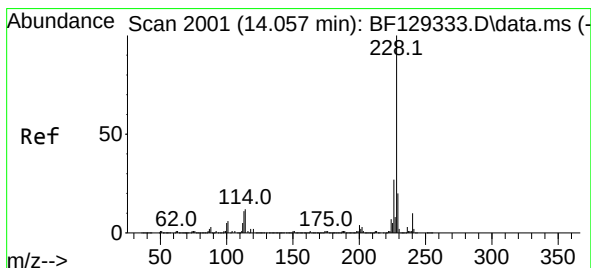
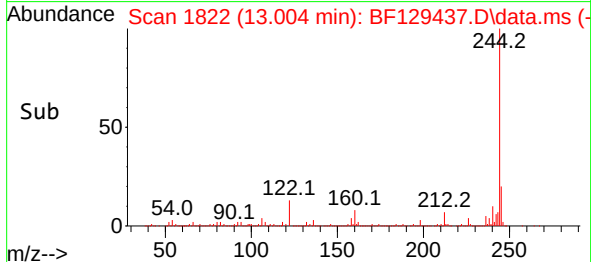
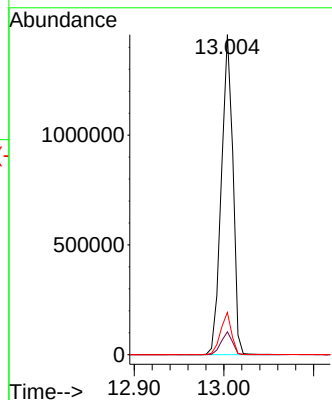
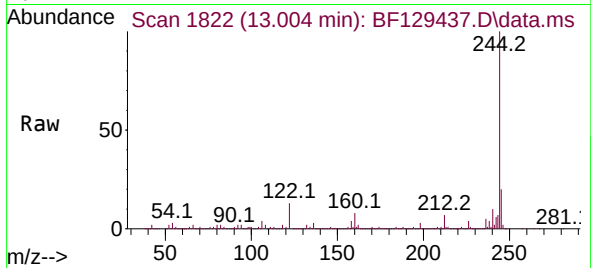




#79
 Terphenyl-d14
 Concen: 66.519 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129437.D
 Acq: 29 Jul 2022 12:24

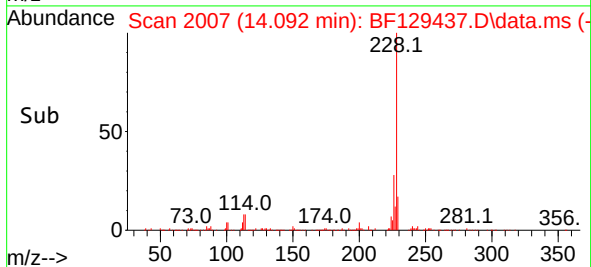
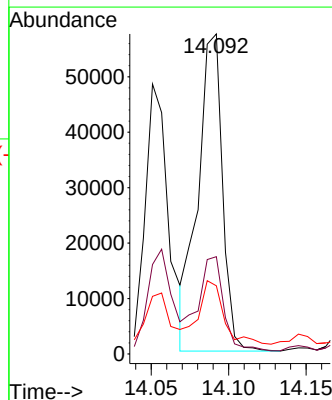
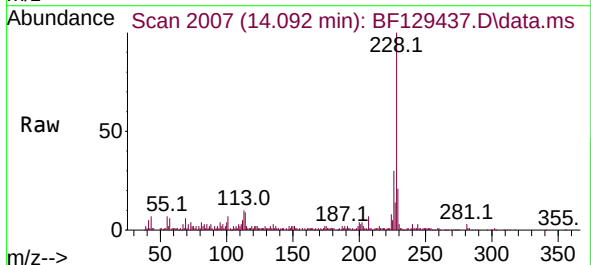
Instrument :
 BNA_F
 ClientSampleId :
 RVE-15

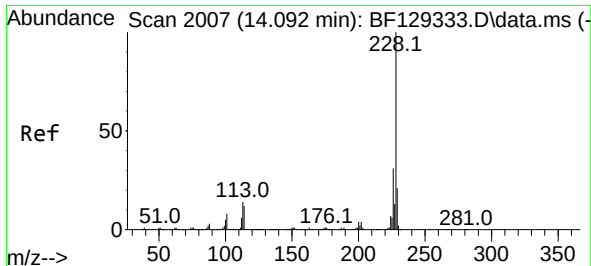
Tgt Ion:244 Resp: 1298649
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.2 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 2.509 ng
 RT: 14.092 min Scan# 2007
 Delta R.T. 0.035 min
 Lab File: BF129437.D
 Acq: 29 Jul 2022 12:24

Tgt Ion:228 Resp: 63118
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.1 33.1
 229 21.3 15.8 23.8

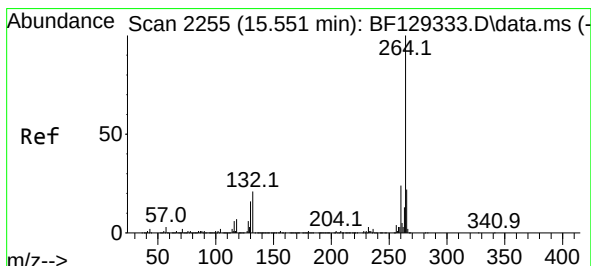
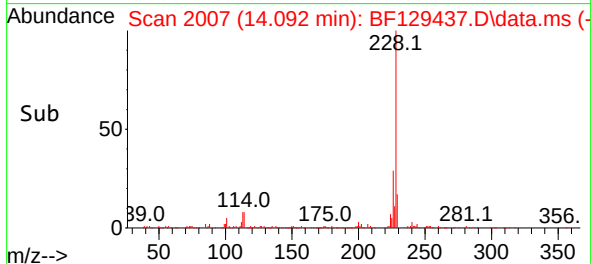
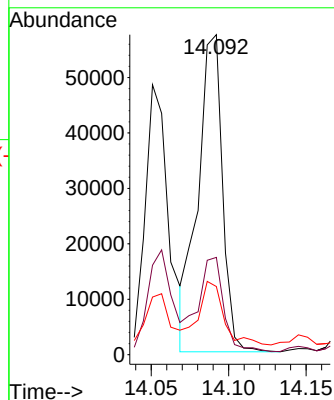
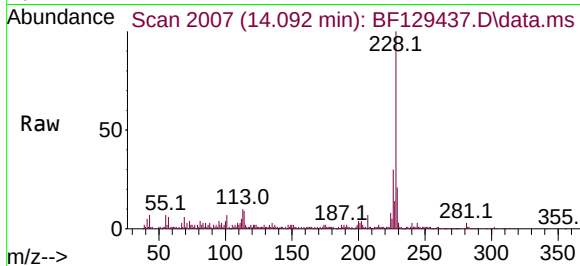




#83
Chrysene
Concen: 2.662 ng
RT: 14.092 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

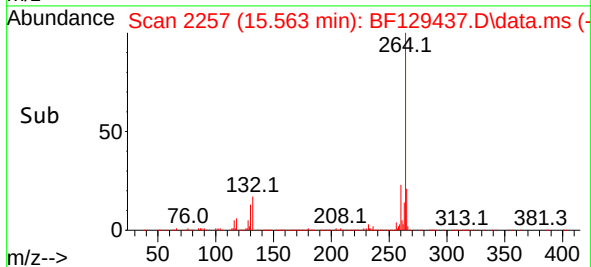
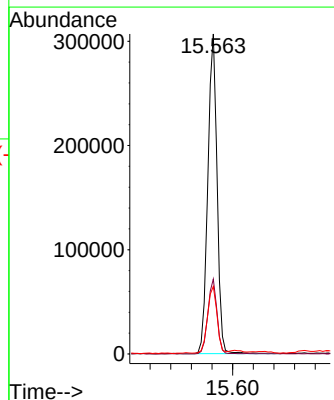
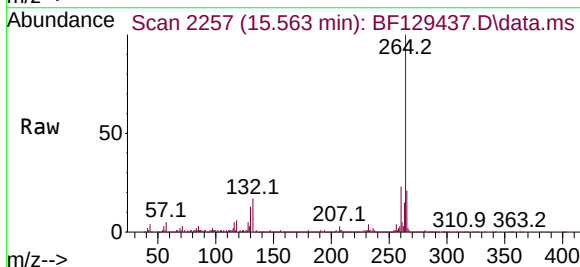
Instrument :
BNA_F
ClientSampleId :
RVE-15

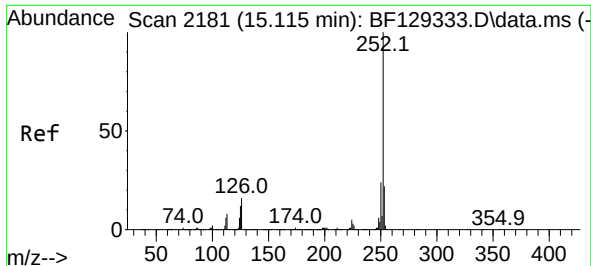
Tgt Ion:228 Resp: 63118
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.3 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2257
Delta R.T. 0.012 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion:264 Resp: 379500
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.1 17.2 25.8

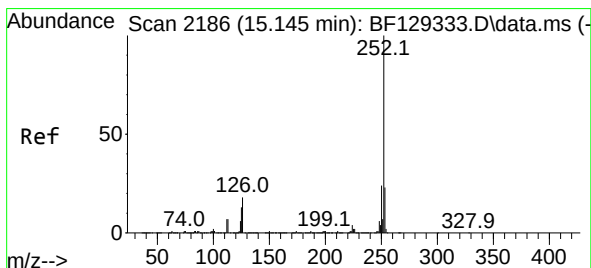
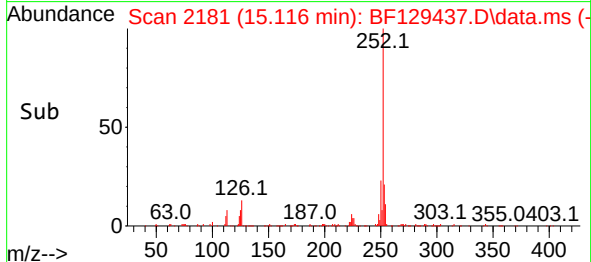
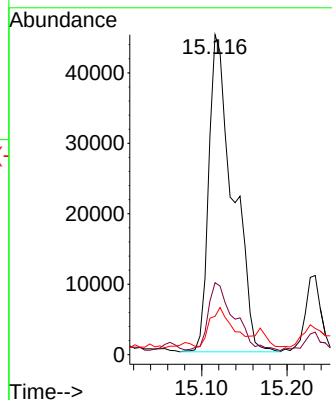
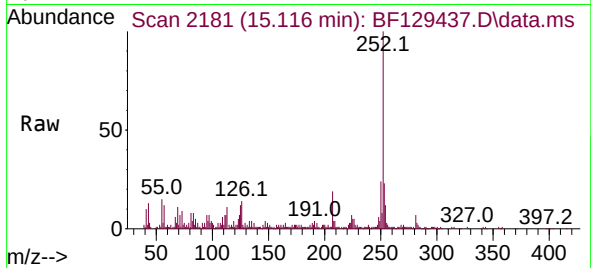




#88
Benzo(b)fluoranthene
Concen: 3.526 ng
RT: 15.116 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

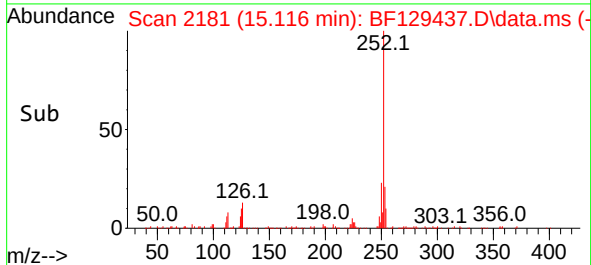
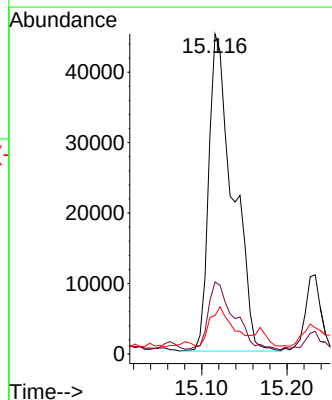
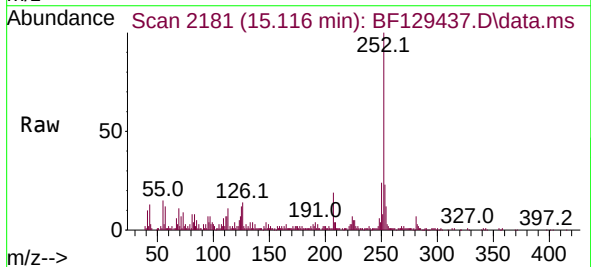
Instrument :
BNA_F
ClientSampleId :
RVE-15

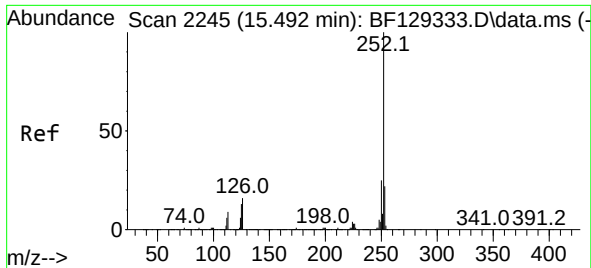
Tgt Ion:252 Resp: 88754
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.0 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 3.598 ng
RT: 15.116 min Scan# 2181
Delta R.T. -0.029 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Tgt Ion:252 Resp: 88754
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.0 8.3 12.5





#90
Benzo(a)pyrene
Concen: 2.722 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129437.D
Acq: 29 Jul 2022 12:24

Instrument :
BNA_F
ClientSampleId :
RVE-15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	13.0	8.8	13.2

