

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129462.D
 Acq On : 30 Jul 2022 02:10
 Operator : CG\JU
 Sample : N3896-15 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-72

Quant Time: Jul 30 02:42:15 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)

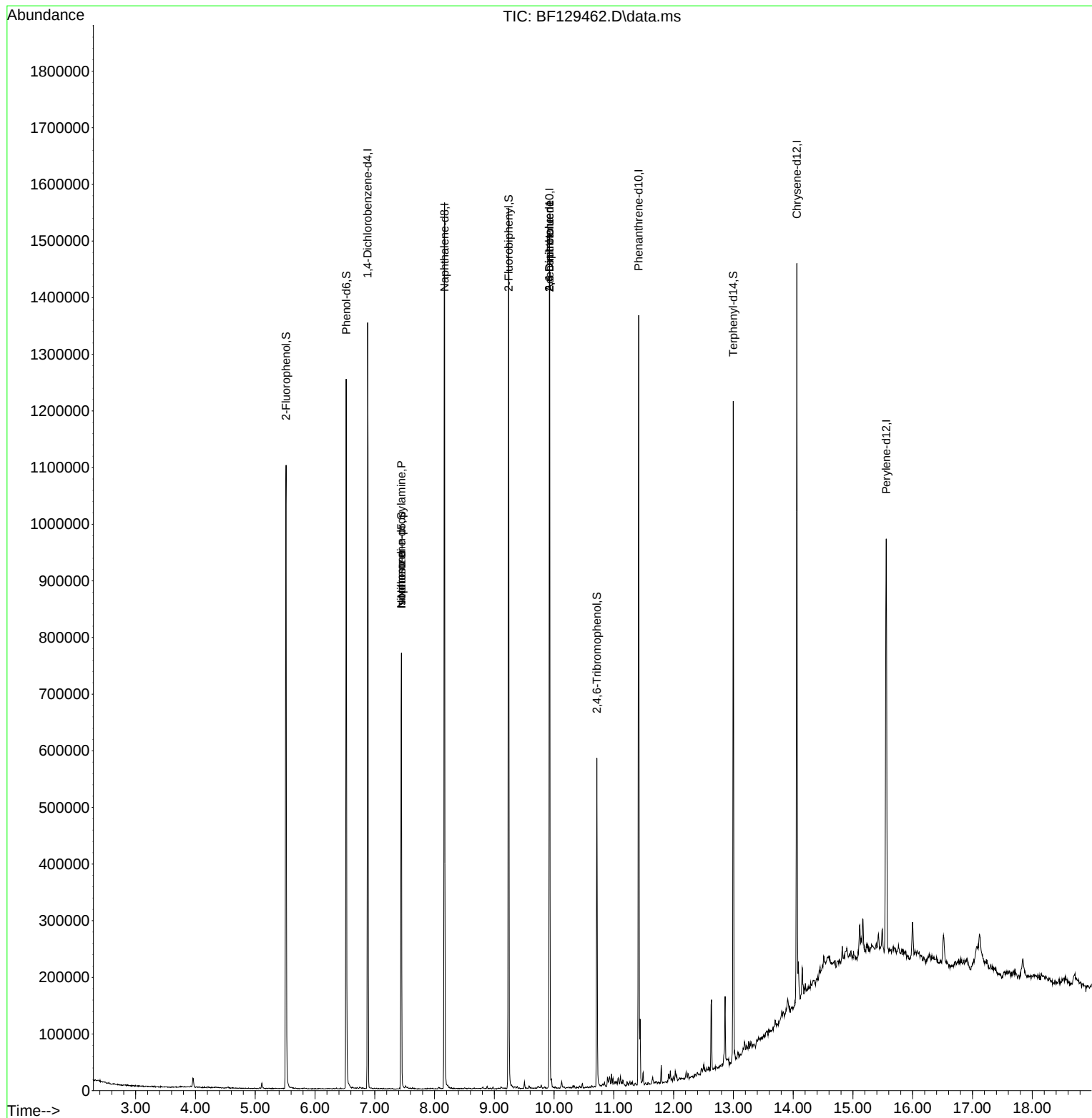
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	189014	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	707077	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	318245	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	443496	20.000	ng	0.00
76) Chrysene-d12	14.062	240	401554	20.000	ng	0.00
86) Perylene-d12	15.557	264	320428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	309628	26.685	ng	0.02
7) Phenol-d6	6.522	99	376265	25.799	ng	0.00
23) Nitrobenzene-d5	7.445	82	226739	17.505	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	59746	19.527	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	422863	20.555	ng	0.00
79) Terphenyl-d14	12.998	244	342164	16.076	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	29840	3.380	ng	# 73
25) Isophorone	7.445	82	225604	9.717	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	41815	8.504	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	41815	6.510	ng	# 21

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

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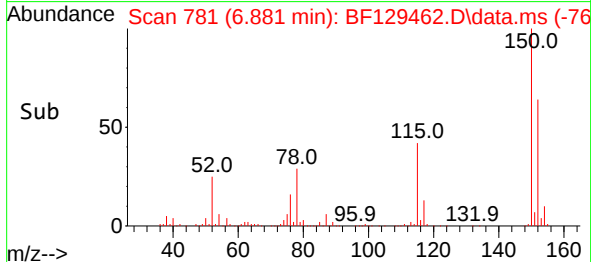
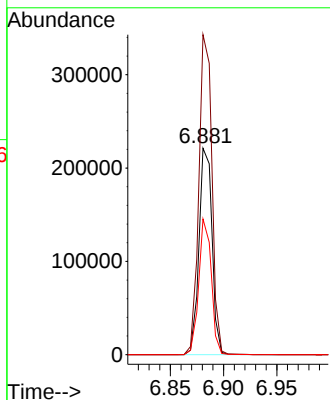
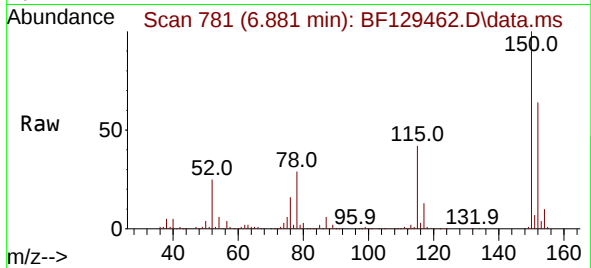




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

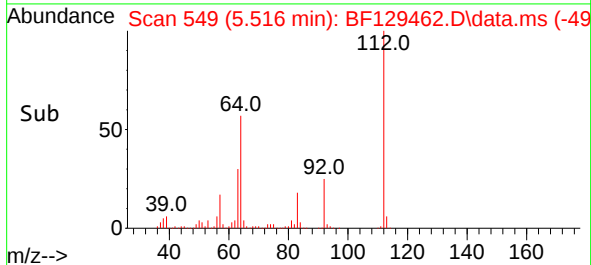
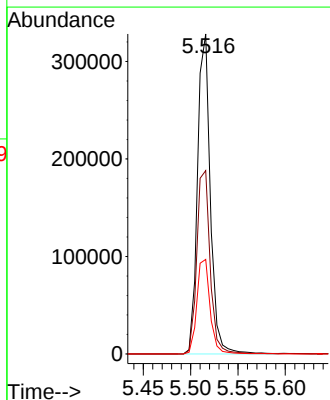
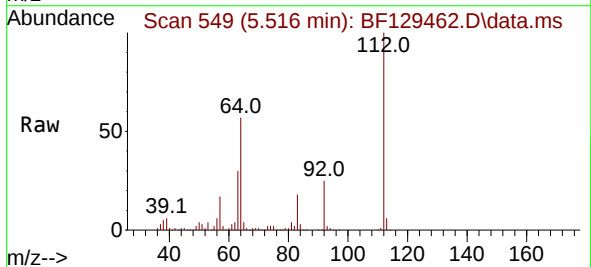
Instrument :
BNA_F
ClientSampleId :
RVE-72

Tgt Ion:152 Resp: 189014
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 65.7 49.9 74.9



#5
2-Fluorophenol
Concen: 26.685 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.018 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

Tgt Ion:112 Resp: 309628
Ion Ratio Lower Upper
112 100
64 57.3 53.3 79.9
63 29.5 28.0 42.0

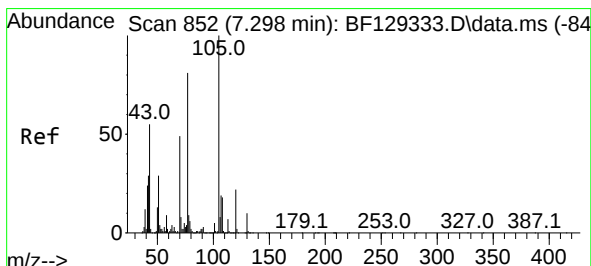
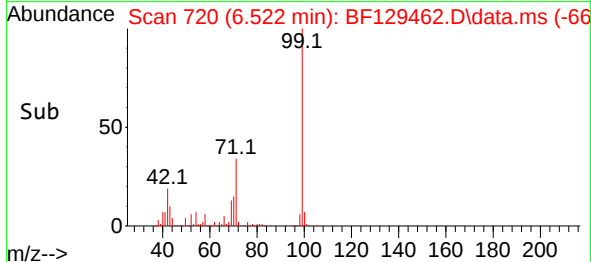
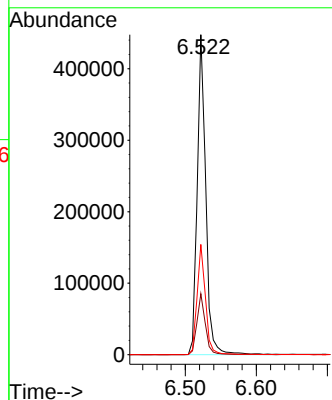
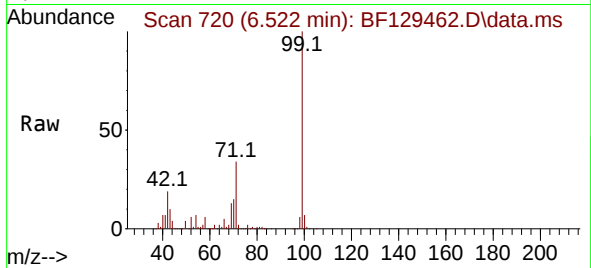




#7
Phenol-d6
Concen: 25.799 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

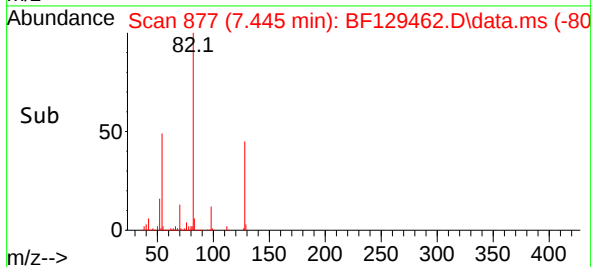
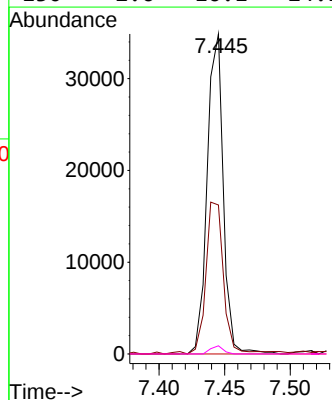
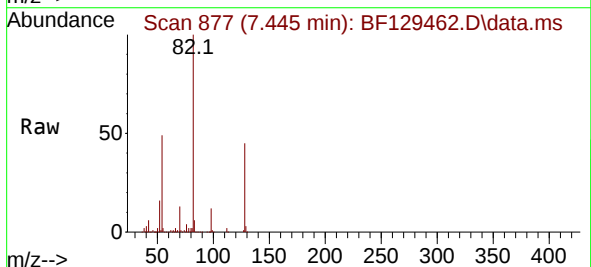
Instrument :
BNA_F
ClientSampleId :
RVE-72

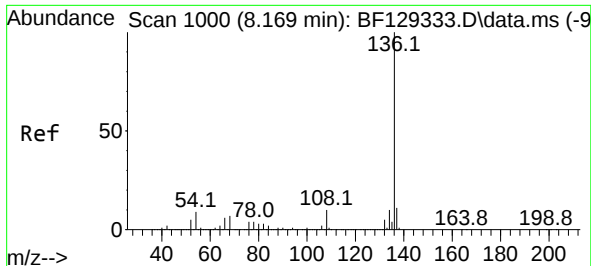
Tgt Ion: 99 Resp: 376265
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 34.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.380 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

Tgt Ion: 70 Resp: 29840
Ion Ratio Lower Upper
70 100
42 46.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.6 16.1 24.1#

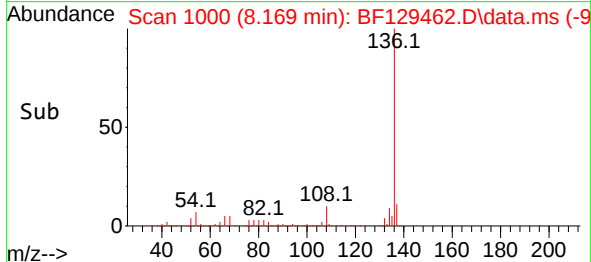
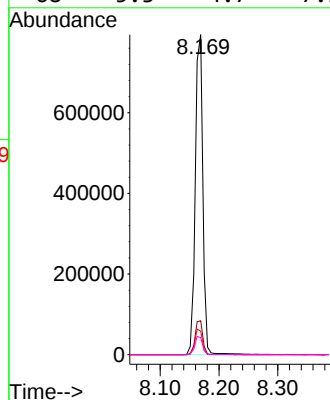
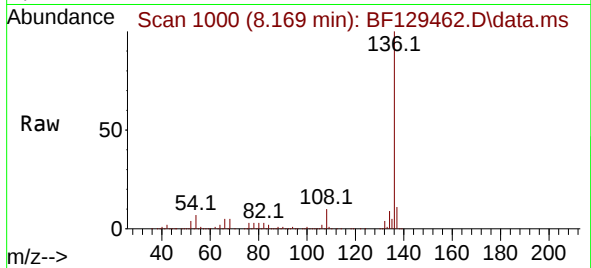




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

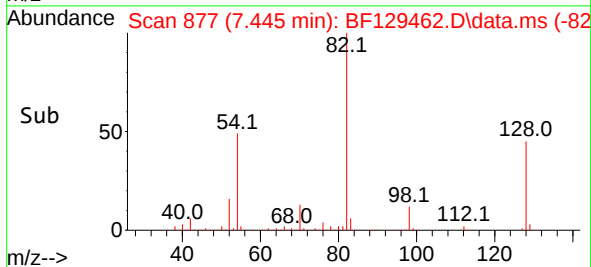
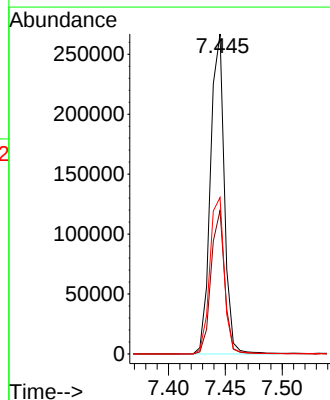
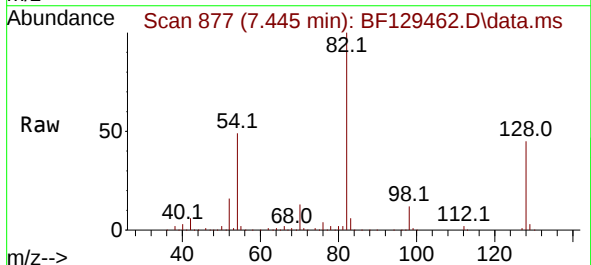
Instrument :
BNA_F
ClientSampleId :
RVE-72

Tgt Ion:136 Resp: 707077
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.4 7.5 11.3#
68 5.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 17.505 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

Tgt Ion: 82 Resp: 226739
Ion Ratio Lower Upper
82 100
128 44.9 34.0 51.0
54 48.9 46.9 70.3

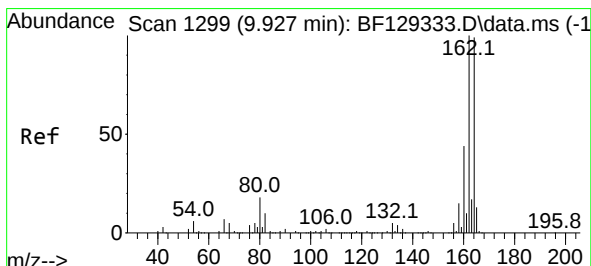
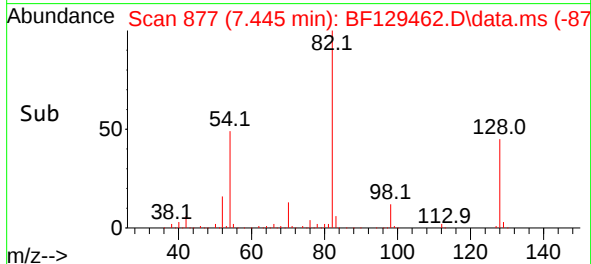
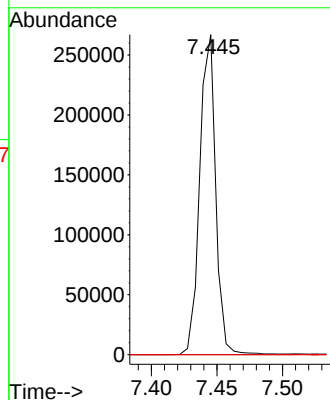
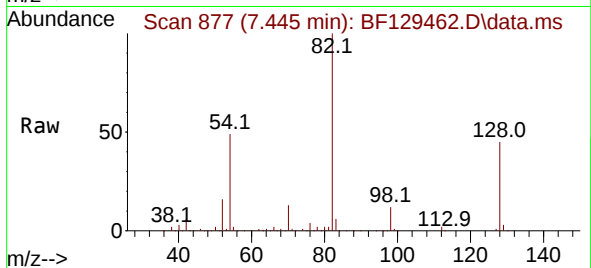




#25
Isophorone
Concen: 9.717 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

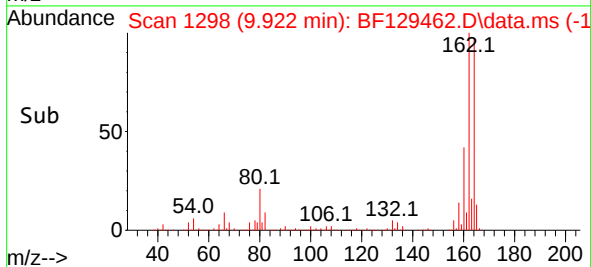
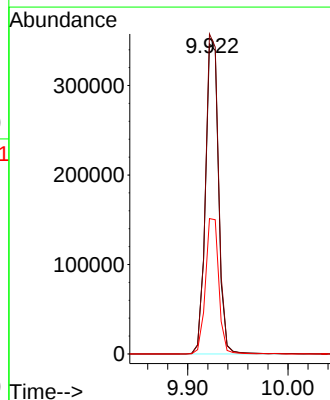
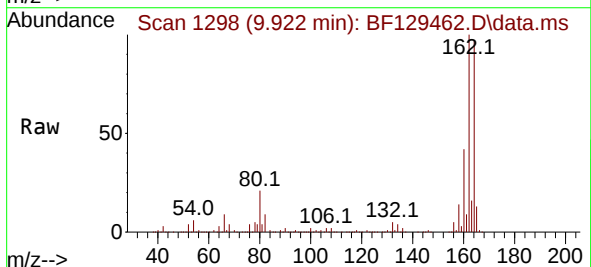
Instrument :
BNA_F
ClientSampleId :
RVE-72

Tgt Ion: 82 Resp: 225604
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: BF129462.D
Acq: 30 Jul 2022 02:10

Tgt Ion:164 Resp: 318245
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 19.527 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129462.D

Acq: 30 Jul 2022 02:10

Instrument :

BNA_F

ClientSampleId :

RVE-72

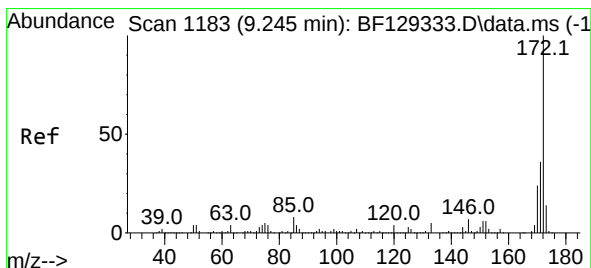
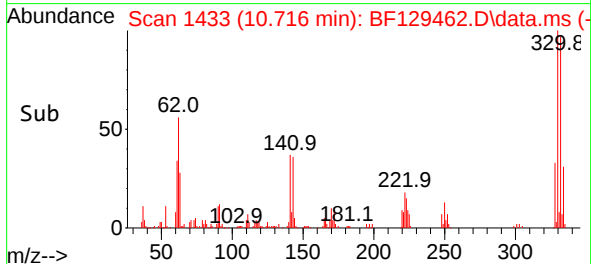
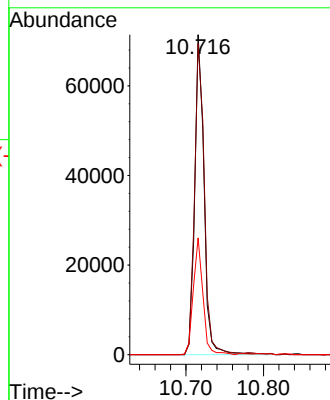
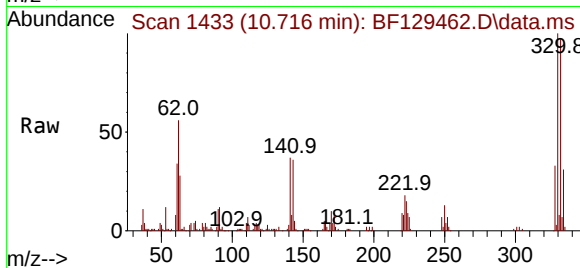
Tgt Ion:330 Resp: 59746

Ion Ratio Lower Upper

330 100

332 102.2 76.8 115.2

141 37.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 20.555 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129462.D

Acq: 30 Jul 2022 02:10

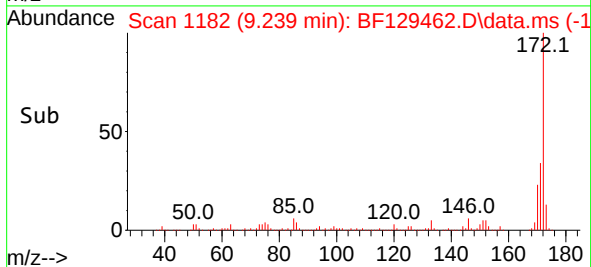
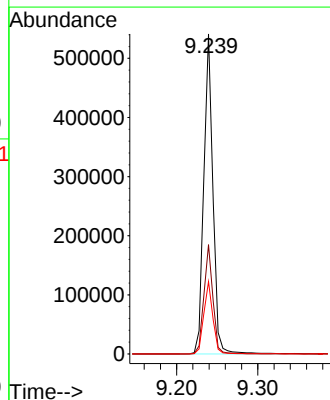
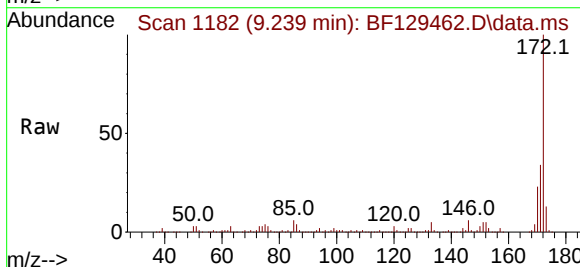
Tgt Ion:172 Resp: 422863

Ion Ratio Lower Upper

172 100

171 34.1 28.8 43.2

170 22.6 19.8 29.8

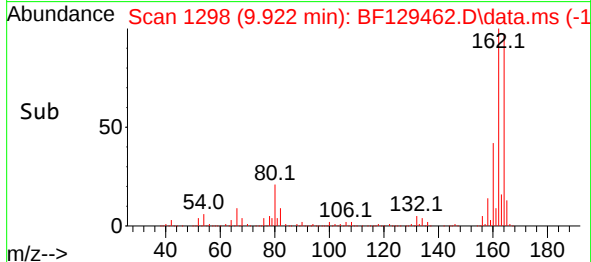
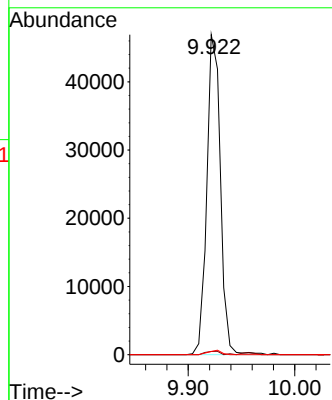
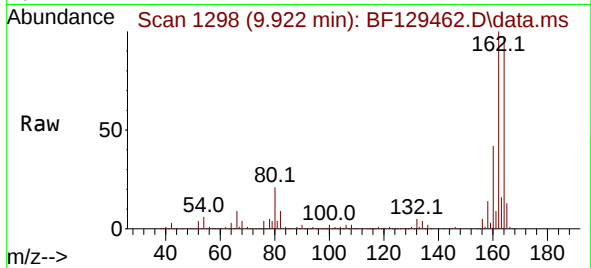




#51
2,6-Dinitrotoluene
Concen: 8.504 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

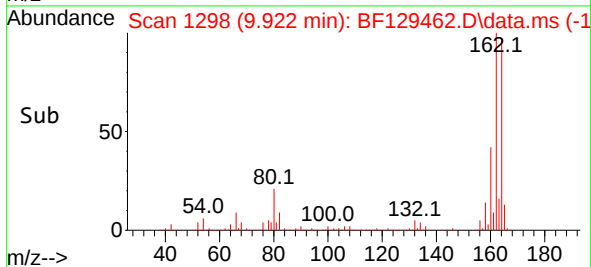
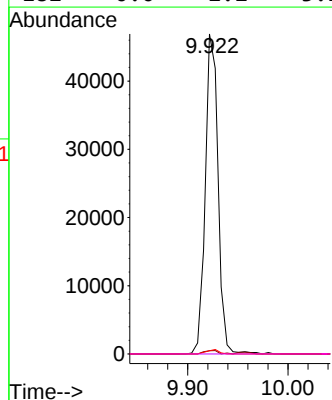
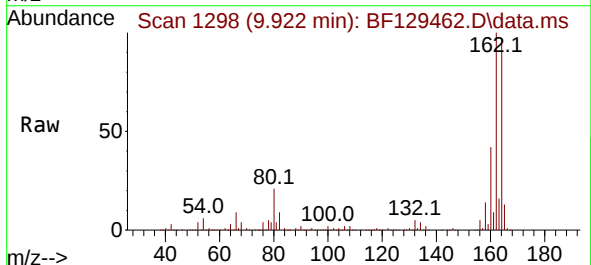
Instrument :
BNA_F
ClientSampleId :
RVE-72

Tgt Ion:165 Resp: 41815
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.510 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

Tgt Ion:165 Resp: 41815
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#

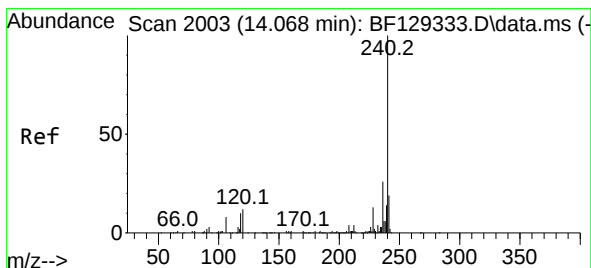
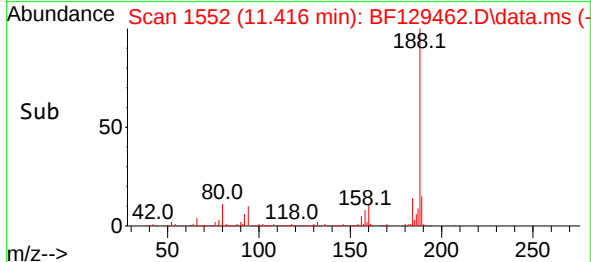
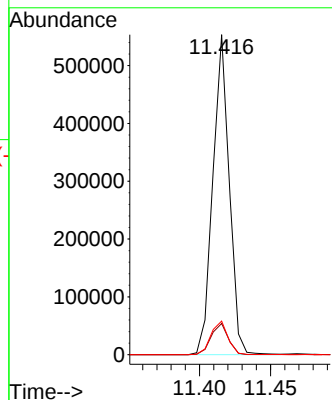
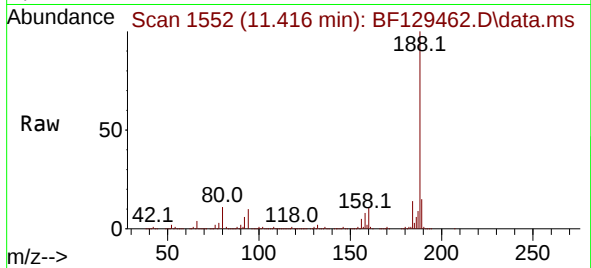




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

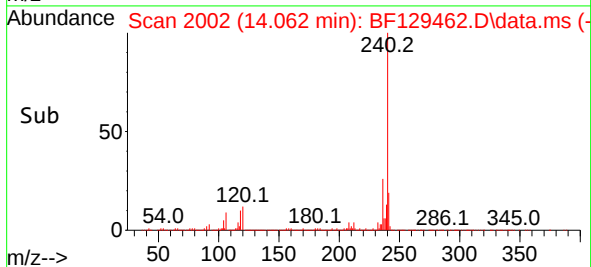
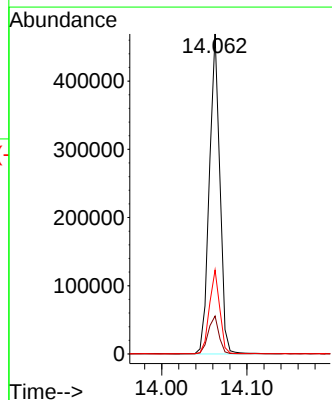
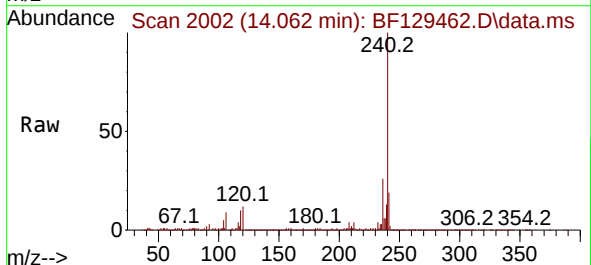
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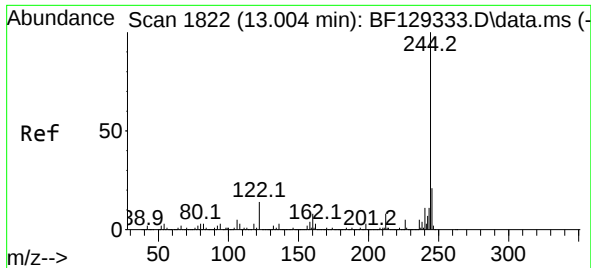
Tgt Ion:188 Resp: 443496
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129462.D
Acq: 30 Jul 2022 02:10

Tgt Ion:240 Resp: 401554
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.3 20.8 31.2

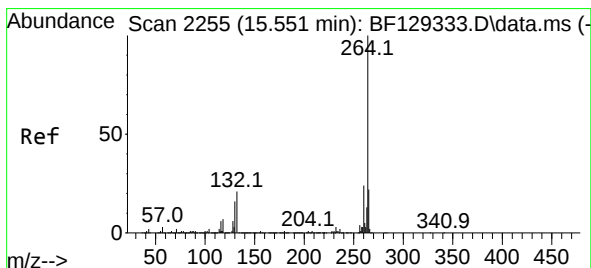
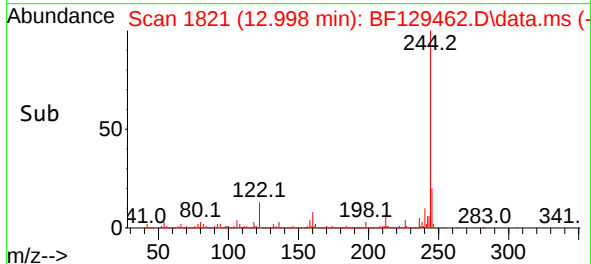
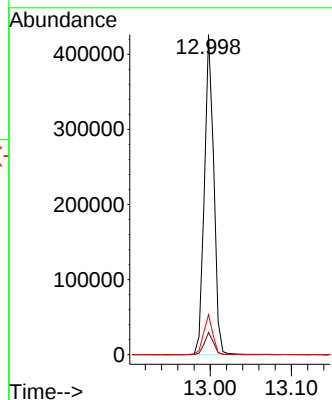
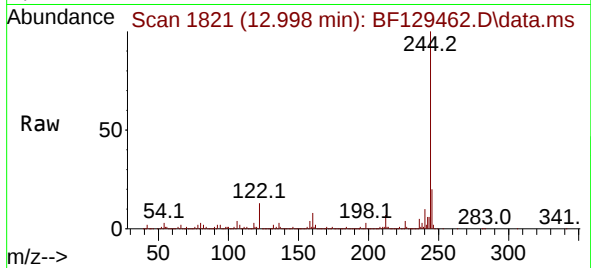




#79
 Terphenyl-d14
 Concen: 16.076 ng
 RT: 12.998 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129462.D
 Acq: 30 Jul 2022 02:10

Instrument :
 BNA_F
 ClientSampleId :
 RVE-72

Tgt Ion:244 Resp: 342164
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 12.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. 0.006 min
 Lab File: BF129462.D
 Acq: 30 Jul 2022 02:10

Tgt Ion:264 Resp: 320428
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 22.1 17.2 25.8

