

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129189.D
 Acq On : 12 Jul 2022 15:05
 Operator : CG\JU
 Sample : N3662-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220498B-SIM/C4B-COMPOSITE

Quant Time: Jul 12 17:15:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

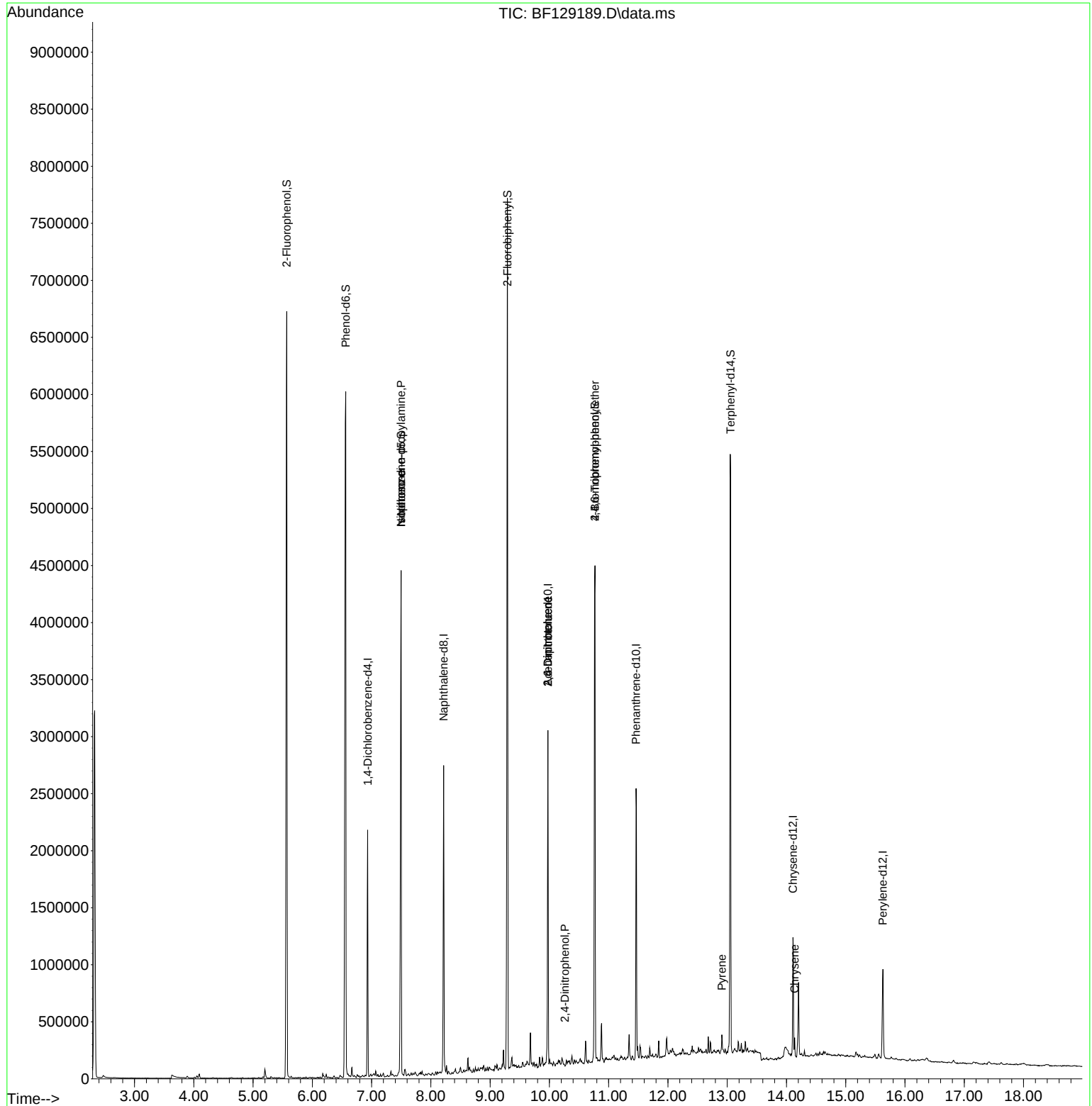
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	294926	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1147344	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	549864	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	864212	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	350651	20.000	ng	-0.01
86) Perylene-d12	15.627	264	349084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1912708	109.644	ng	0.00
7) Phenol-d6	6.563	99	2471438	114.071	ng	0.00
23) Nitrobenzene-d5	7.498	82	1555293	80.854	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	531609	88.913	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2345679	68.246	ng	0.00
79) Terphenyl-d14	13.057	244	1863220	110.344	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	1391	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.498	70	210488	16.794	ng	# 74
25) Isophorone	7.498	82	1544924	47.523	ng	# 65
51) 2,6-Dinitrotoluene	9.975	165	72946	10.377	ng	# 26
54) 2,4-Dinitrophenol	10.263	184	220	6.919	ng	# 13
57) 2,4-Dinitrotoluene	9.975	165	72946	8.406	ng	# 21
67) 4-Bromophenyl-phenylether	10.769	248	34615	3.765	ng	# 1
78) Pyrene	12.910	202	58274	2.398	ng	96
83) Chrysene	14.139	228	61440	3.091	ng	98

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

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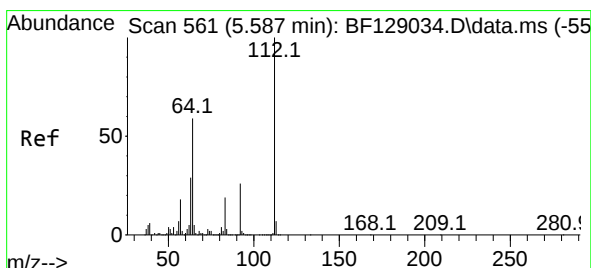
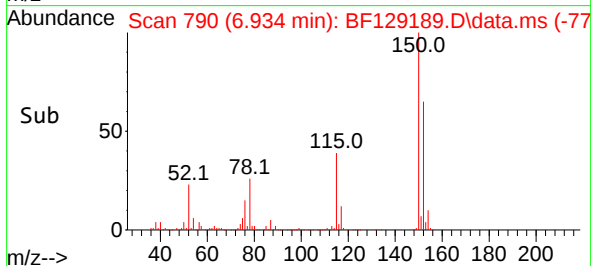
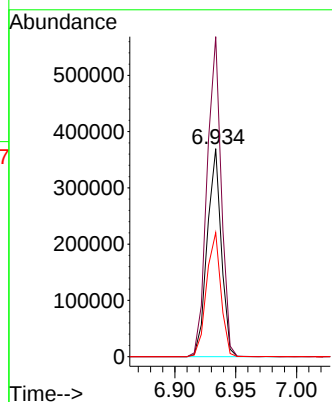
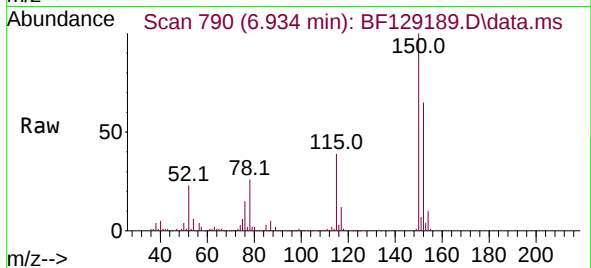




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

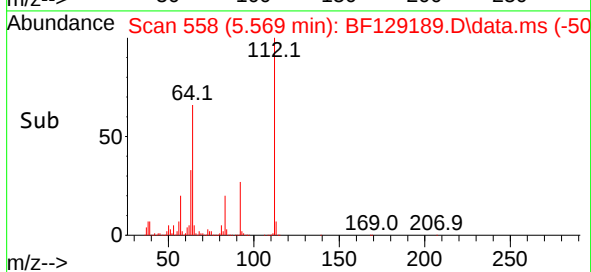
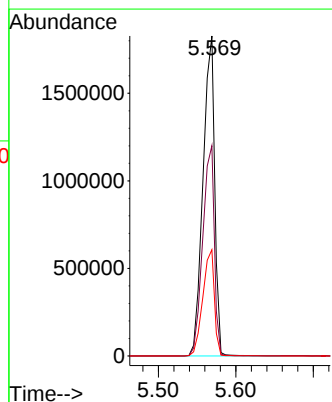
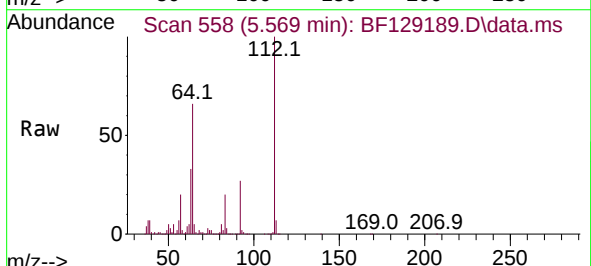
Instrument :
BNA_F
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

Tgt Ion:152 Resp: 294926
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 59.6 49.9 74.9



#5
2-Fluorophenol
Concen: 109.644 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion:112 Resp: 1912708
Ion Ratio Lower Upper
112 100
64 65.7 53.3 79.9
63 33.2 28.0 42.0

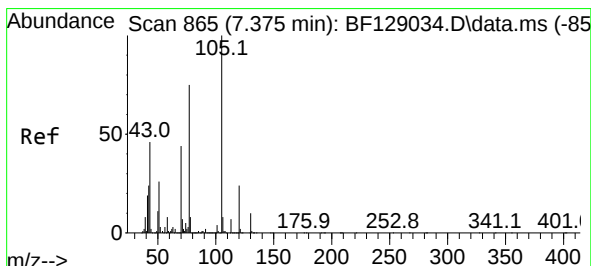
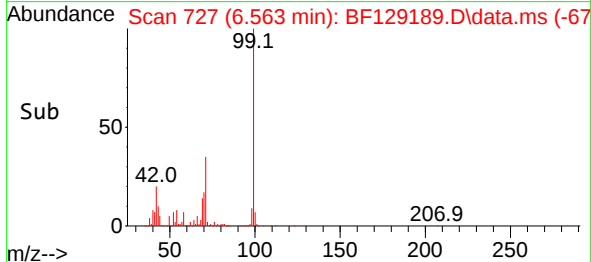
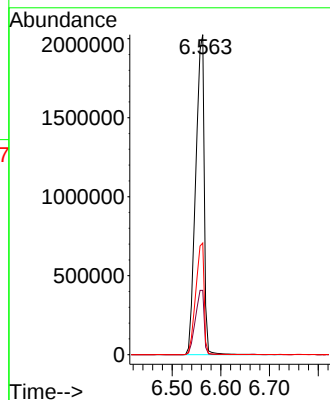
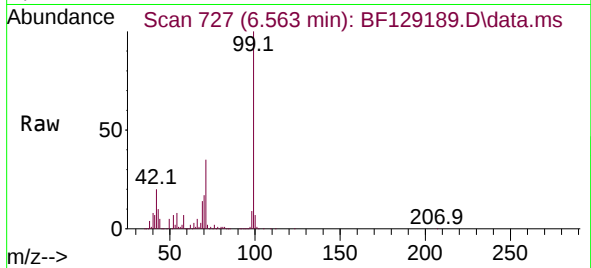




#7
Phenol-d6
Concen: 114.071 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

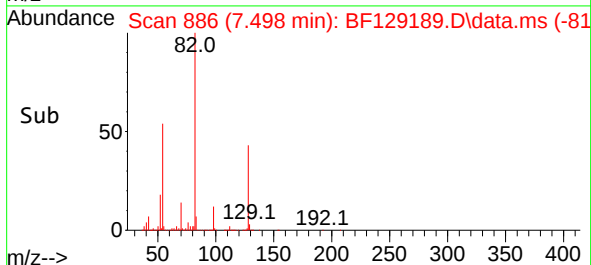
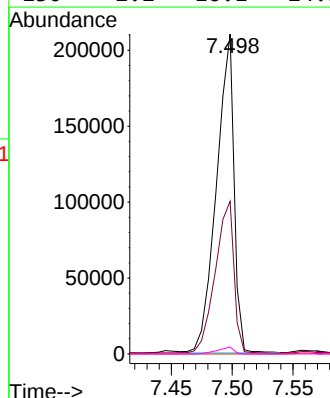
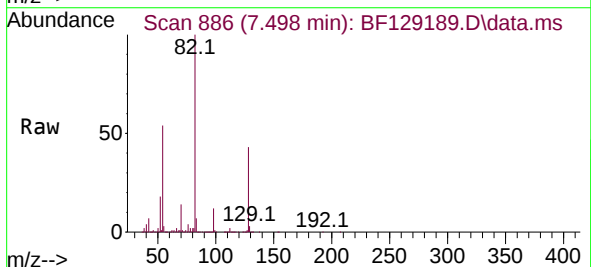
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ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

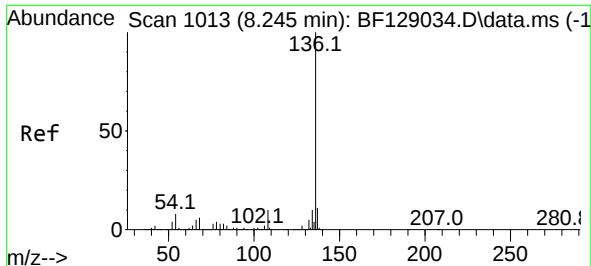
Tgt Ion: 99 Resp: 2471438
Ion Ratio Lower Upper
99 100
42 20.1 17.3 25.9
71 34.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.794 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.147 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion: 70 Resp: 210488
Ion Ratio Lower Upper
70 100
42 47.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

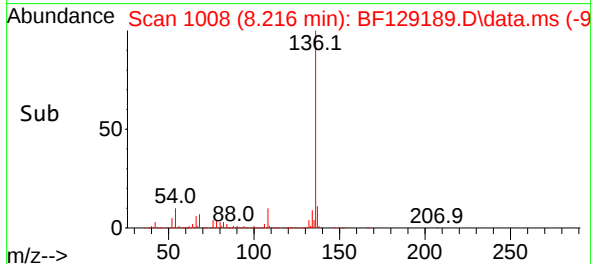
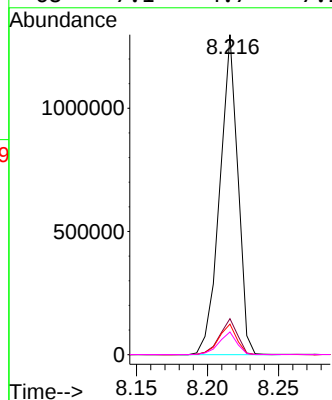
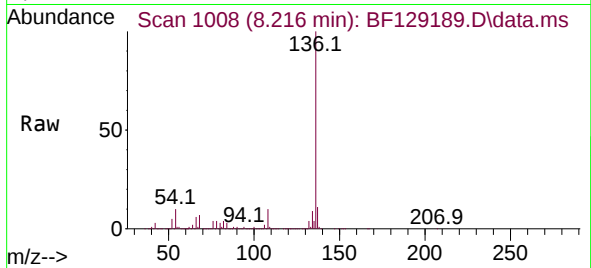




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

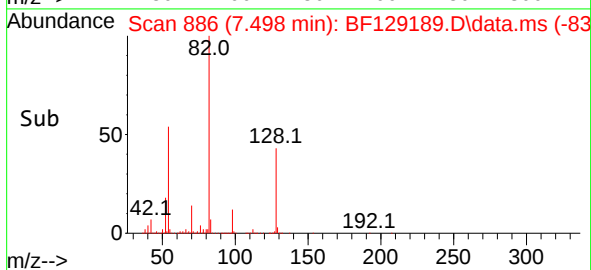
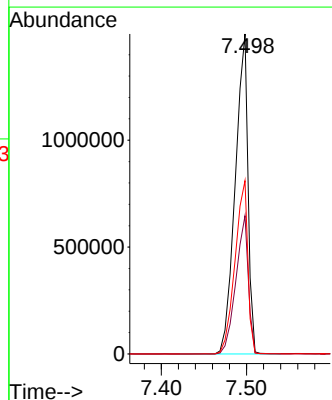
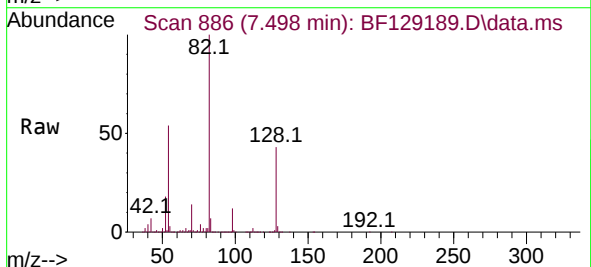
Instrument :
BNA_F
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

Tgt Ion:136 Resp: 1147344
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.5 7.5 11.3
68 7.1 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 80.854 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion: 82 Resp: 1555293
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 54.2 46.9 70.3

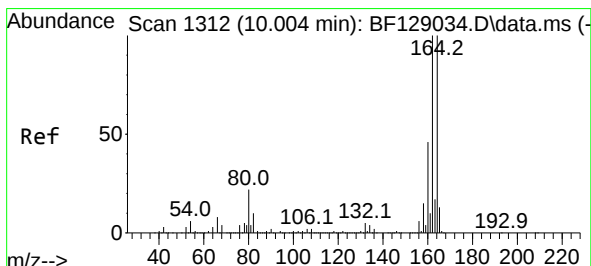
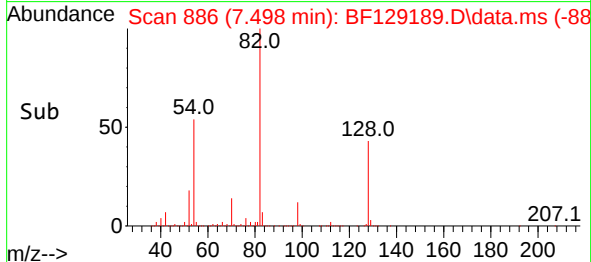
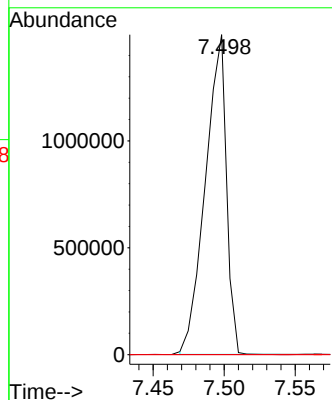
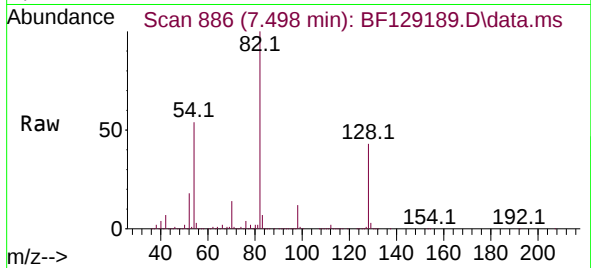




#25
Isophorone
Concen: 47.523 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

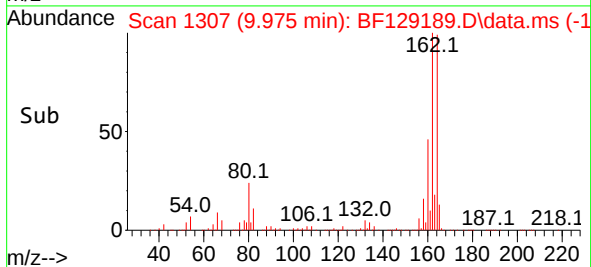
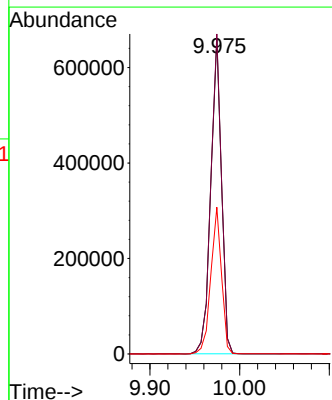
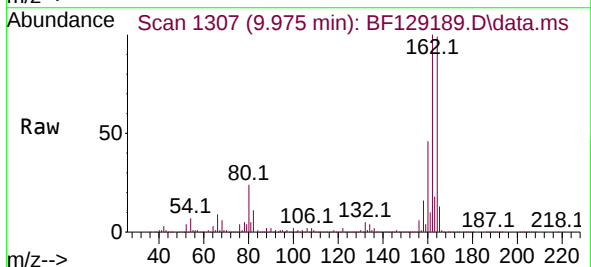
Instrument :
BNA_F
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

Tgt Ion: 82 Resp: 1544924
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion:164 Resp: 549864
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 46.4 34.2 51.4

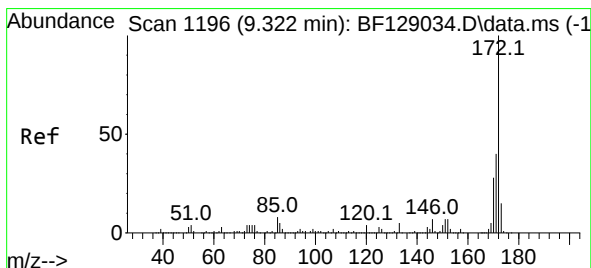
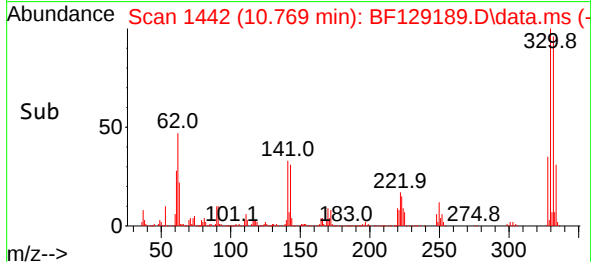
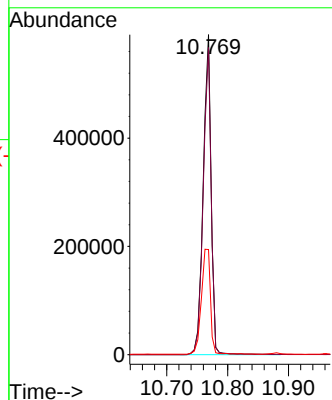
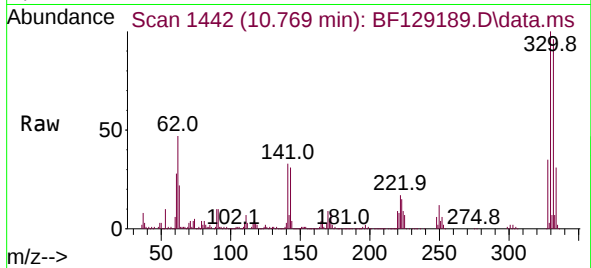




#42
2,4,6-Tribromophenol
Concen: 88.913 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

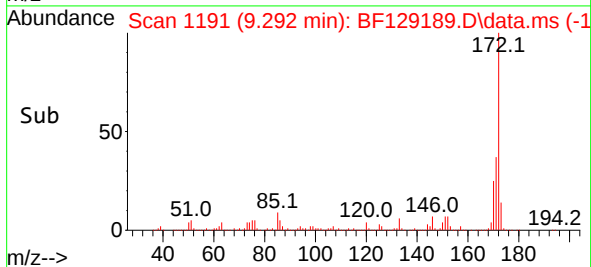
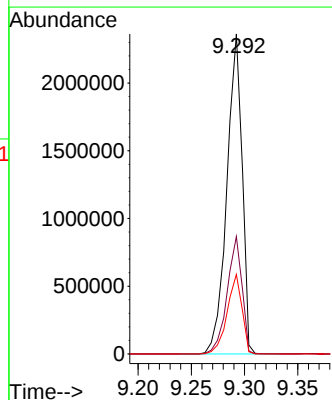
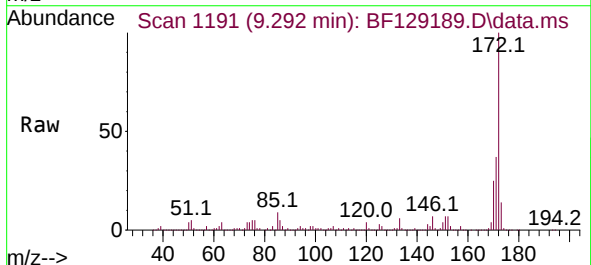
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BNA_F
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

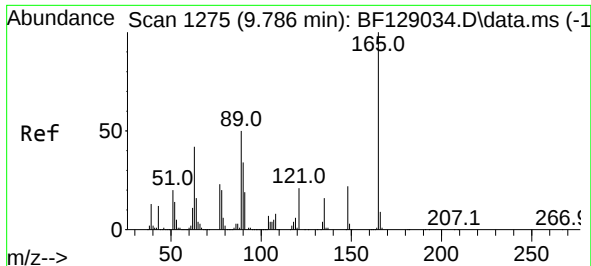
Tgt Ion: 330 Resp: 531609
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 37.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 68.246 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion: 172 Resp: 2345679
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.9 19.8 29.8

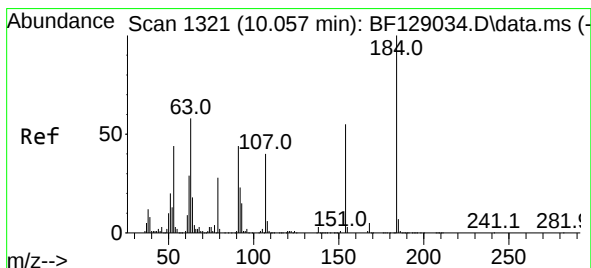
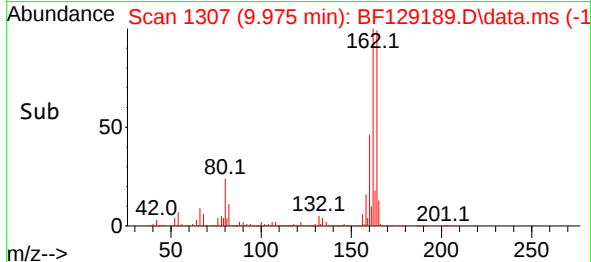
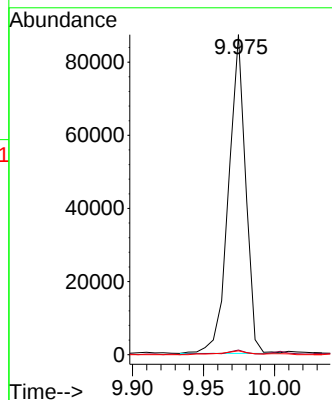
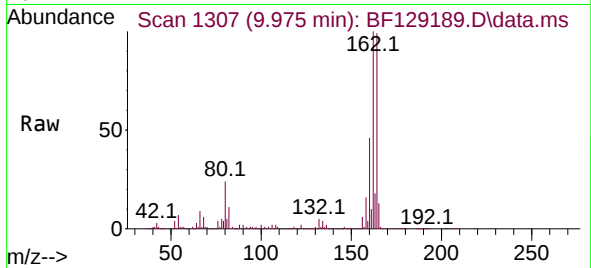




#51
2,6-Dinitrotoluene
Concen: 10.377 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

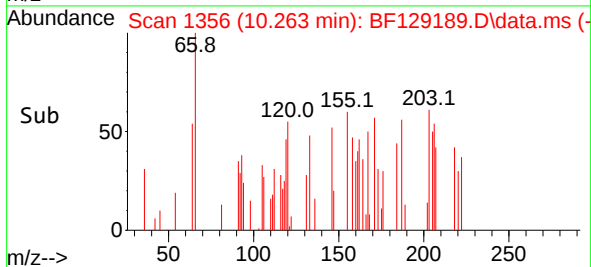
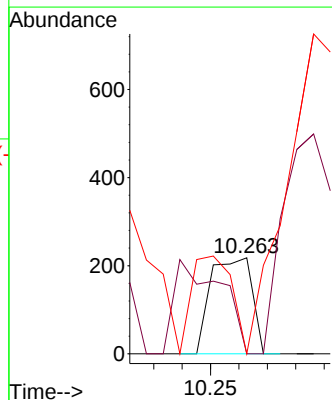
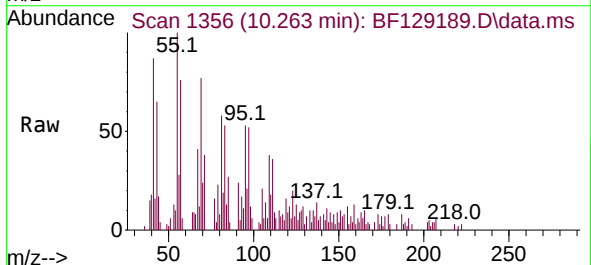
Instrument :
BNA_F
ClientSampleId :
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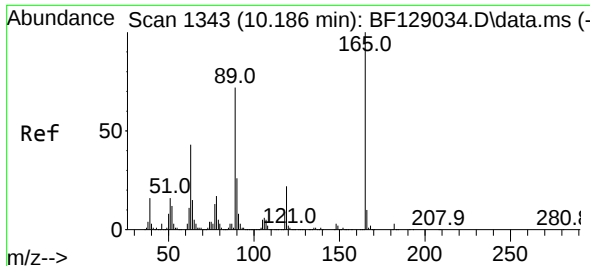
Tgt Ion:165 Resp: 72946
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.2 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.919 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.223 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion:184 Resp: 220
Ion Ratio Lower Upper
184 100
63 0.0 64.5 96.7#
154 0.0 50.6 75.8#

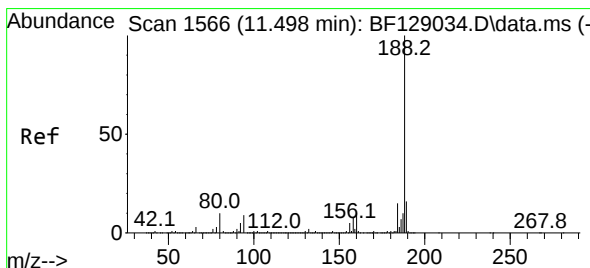
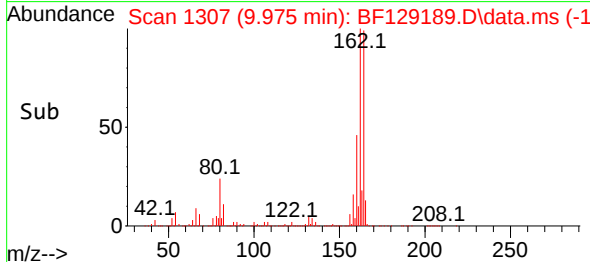
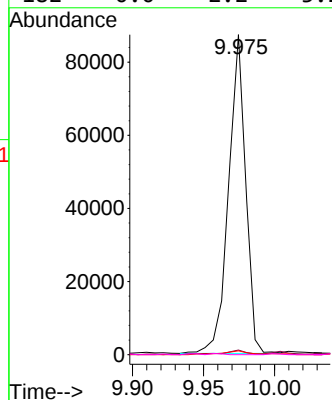
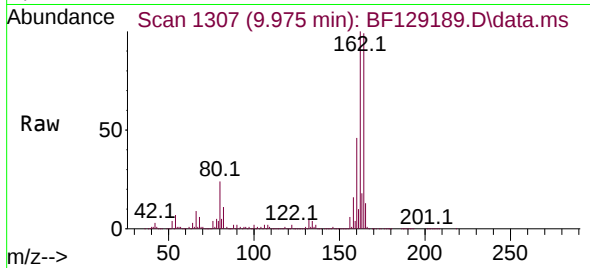




#57
2,4-Dinitrotoluene
Concen: 8.406 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

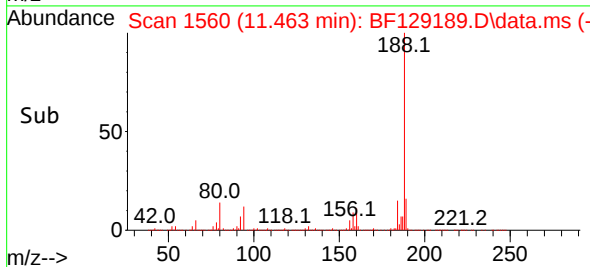
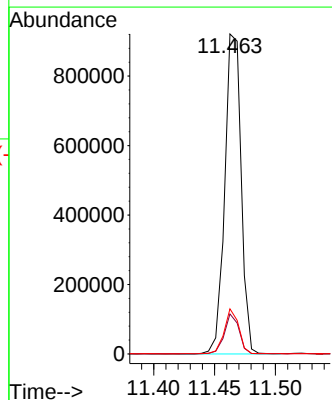
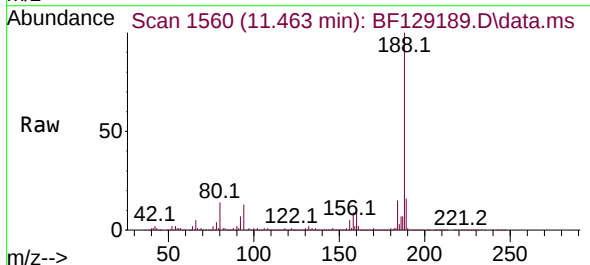
Instrument :
BNA_F
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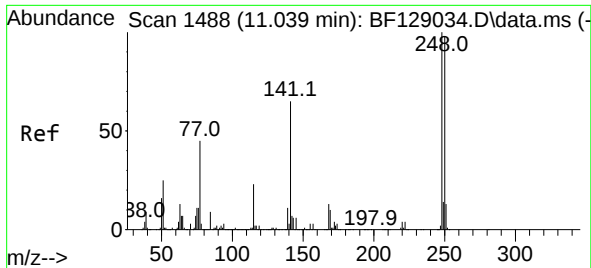
Tgt Ion:165 Resp: 72946
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion:188 Resp: 864212
Ion Ratio Lower Upper
188 100
94 12.5 7.0 10.6#
80 14.1 7.6 11.4#

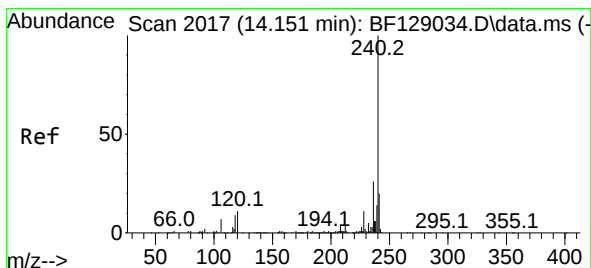
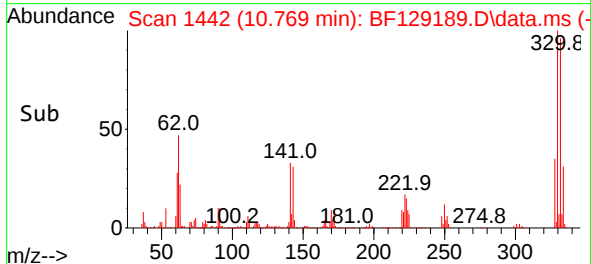
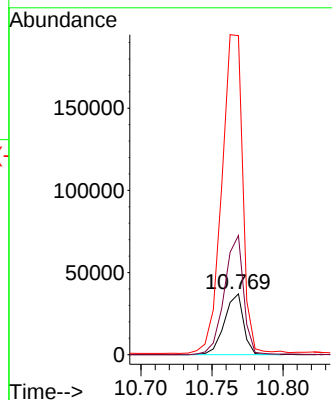
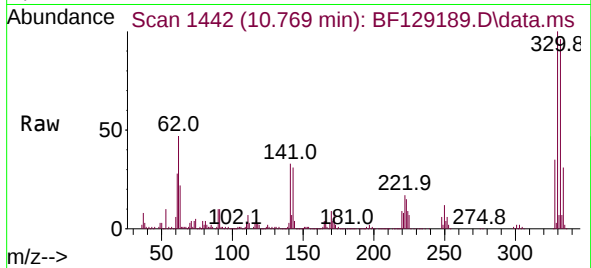




#67
4-Bromophenyl-phenylether
Concen: 3.765 ng
RT: 10.769 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

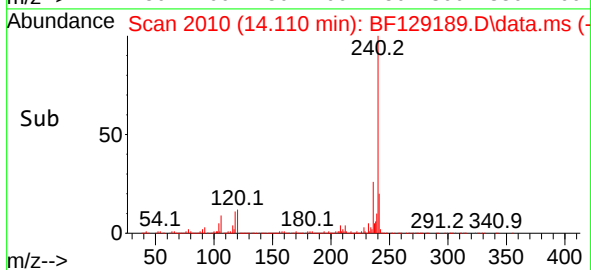
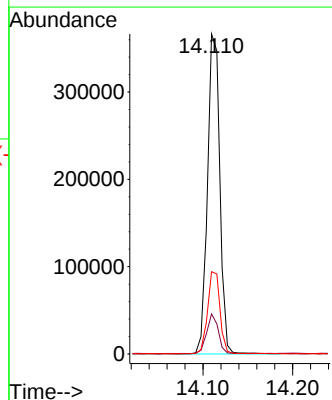
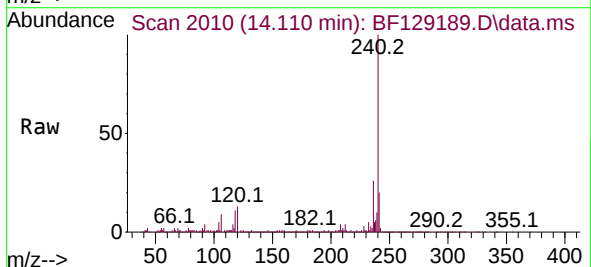
Instrument :
BNA_F
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

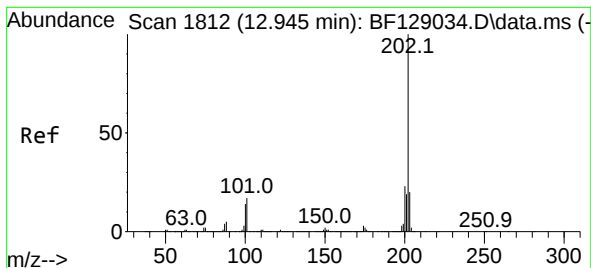
Tgt Ion:248 Resp: 34615
Ion Ratio Lower Upper
248 100
250 196.2 80.6 120.8#
141 525.0 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion:240 Resp: 350651
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 25.7 20.8 31.2





#78

Pyrene

Concen: 2.398 ng

RT: 12.910 min Scan# 1806

Delta R.T. -0.012 min

Lab File: BF129189.D

Acq: 12 Jul 2022 15:05

Instrument :

BNA_F

ClientSampleId :

20220498B-SIM/C4B-COMPOSITE

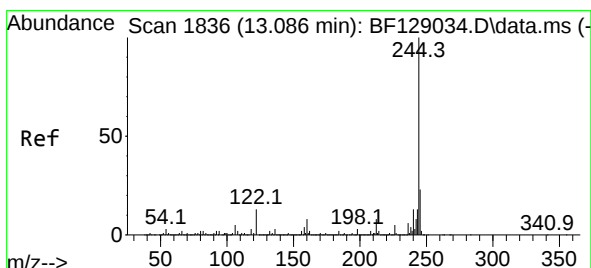
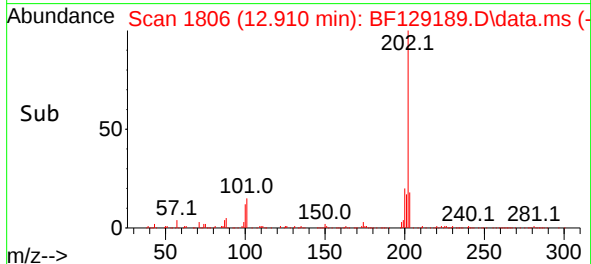
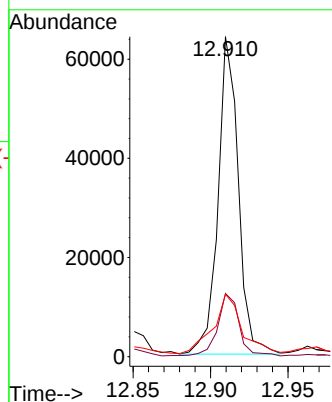
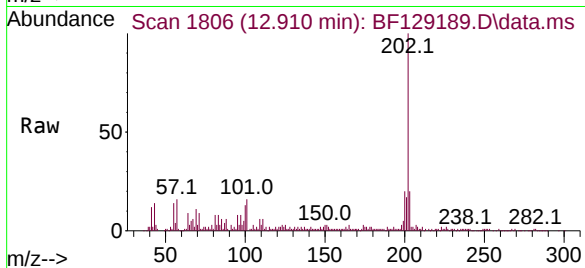
Tgt Ion:202 Resp: 58274

Ion Ratio Lower Upper

202 100

200 19.8 17.7 26.5

203 19.5 14.6 21.8



#79

Terphenyl-d14

Concen: 110.344 ng

RT: 13.057 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF129189.D

Acq: 12 Jul 2022 15:05

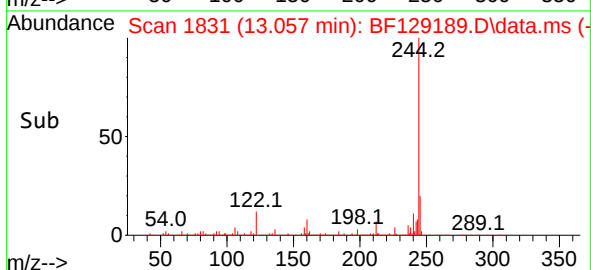
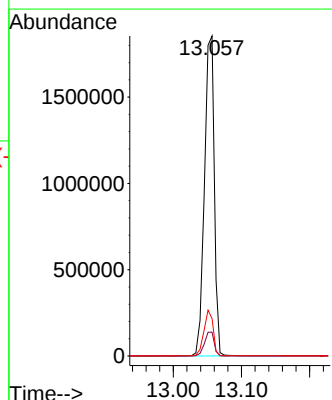
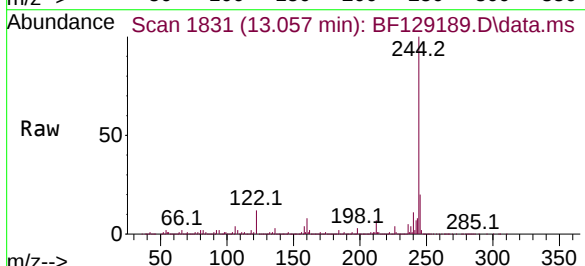
Tgt Ion:244 Resp: 1863220

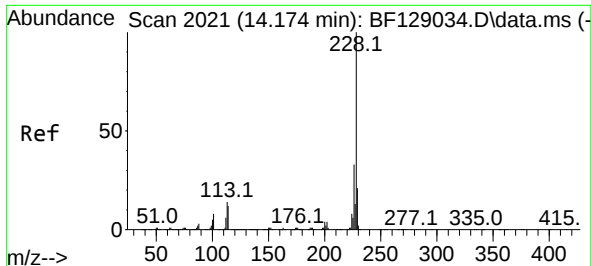
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 11.7 8.8 13.2

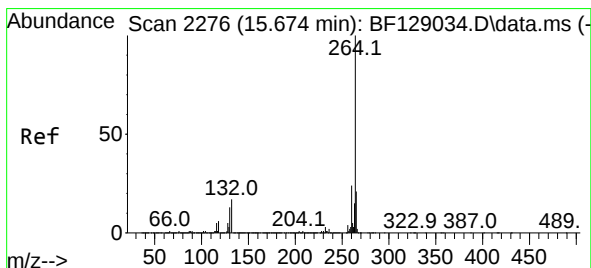
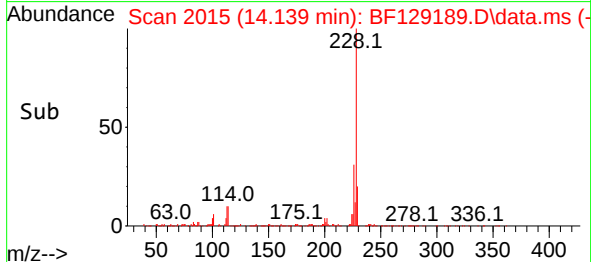
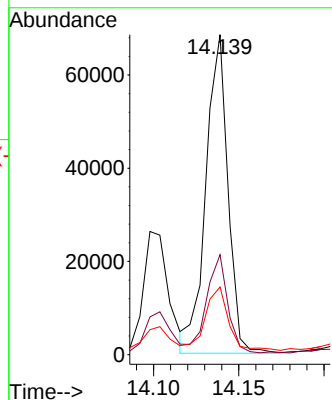
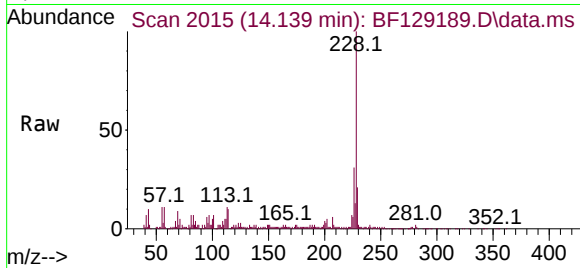




#83
Chrysene
Concen: 3.091 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Instrument :
BNA_F
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

Tgt Ion:228 Resp: 61440
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 21.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF129189.D
Acq: 12 Jul 2022 15:05

Tgt Ion:264 Resp: 349084
Ion Ratio Lower Upper
264 100
260 24.5 18.4 27.6
265 21.6 17.2 25.8

