

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129070.D
 Acq On : 30 Jun 2022 21:00
 Operator : CG\JU
 Sample : N3501-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2208-35

Quant Time: Jul 01 05:44:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

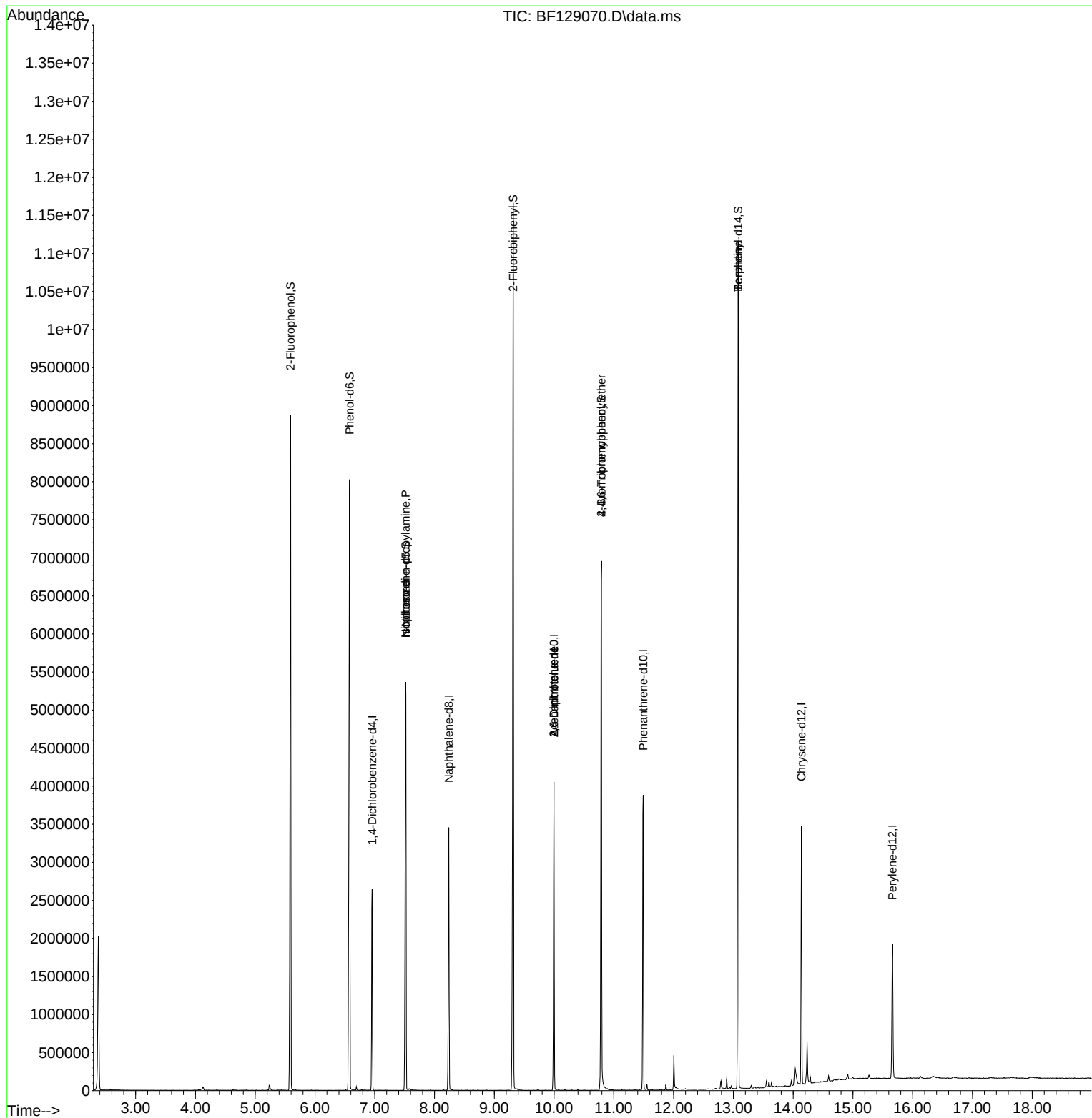
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	406387	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1546928	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	797227	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1461682	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1057015	20.000	ng	-0.01
86) Perylene-d12	15.662	264	831558	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	2627243	109.297	ng	0.00
7) Phenol-d6	6.581	99	3243639	108.650	ng	0.00
23) Nitrobenzene-d5	7.516	82	2060755	79.459	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	1008898	116.385	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3674354	73.733	ng	0.00
79) Terphenyl-d14	13.080	244	4033080	79.235	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	343	Below Cal	#	25
19) n-Nitroso-di-n-propyla...	7.516	70	276491	16.010	ng	# 72
25) Isophorone	7.516	82	1981841	45.215	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	104302	10.234	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	104302	8.290	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	61332	3.945	ng	# 1
77) Benizidine	13.080	184	57975	3.080	ng	# 93

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

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Quant Time: Jul 01 05:44:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

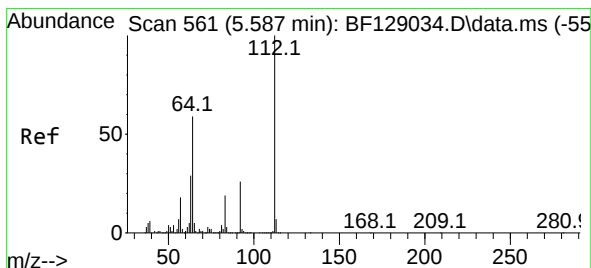
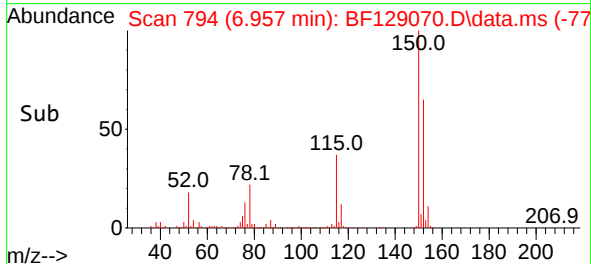
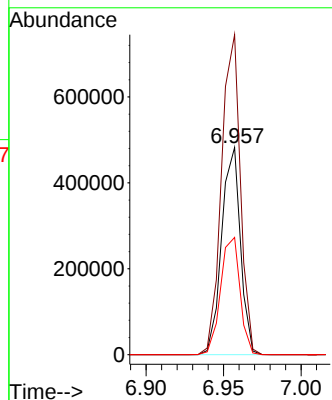
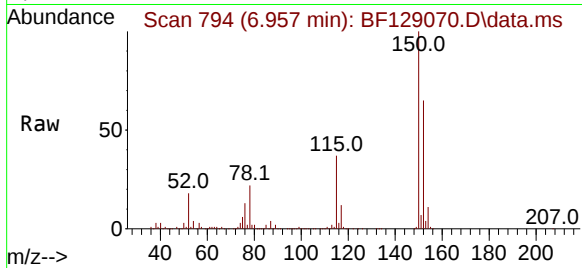




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

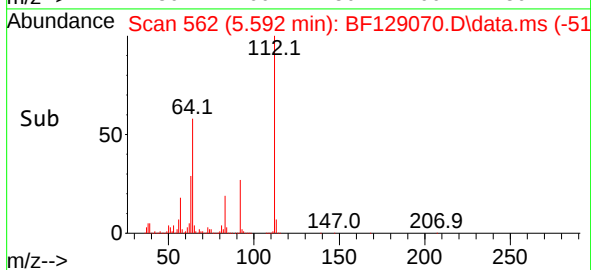
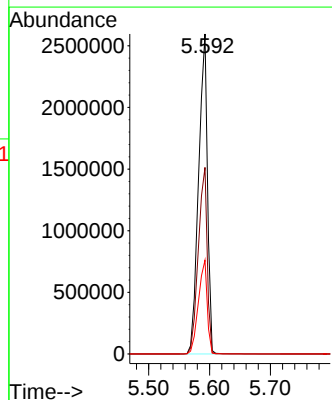
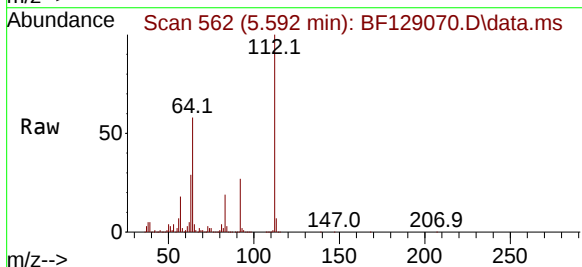
Instrument :
BNA_F
ClientSampleId :
B2208-35

Tgt Ion:152 Resp: 406387
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 56.7 49.9 74.9



#5
2-Fluorophenol
Concen: 109.297 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

Tgt Ion:112 Resp: 2627243
Ion Ratio Lower Upper
112 100
64 58.3 53.3 79.9
63 29.3 28.0 42.0

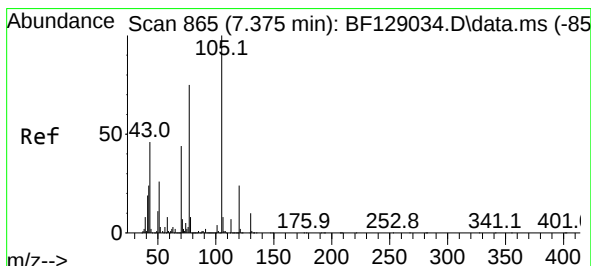
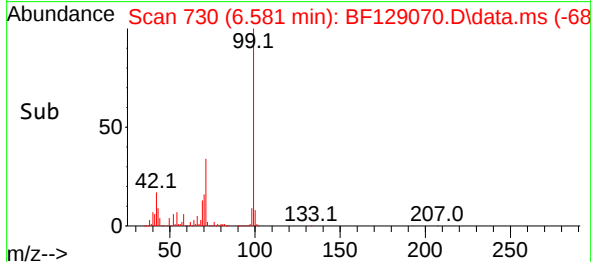
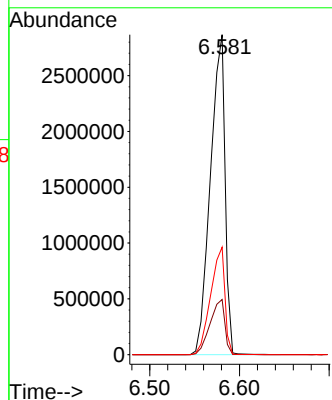
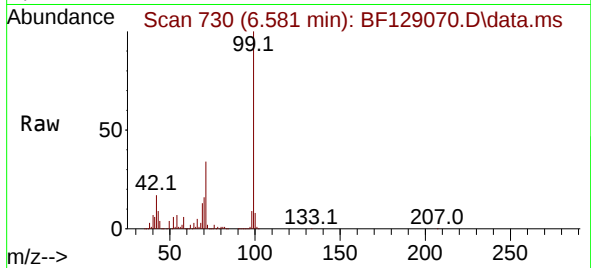




#7
Phenol-d6
Concen: 108.650 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

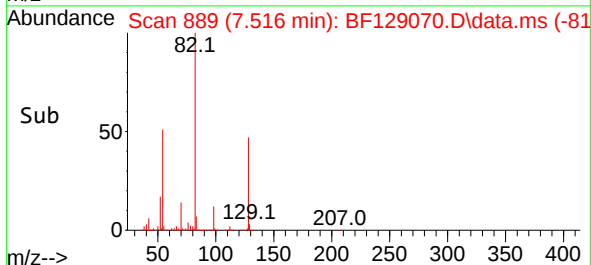
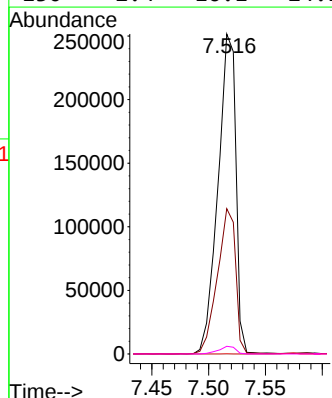
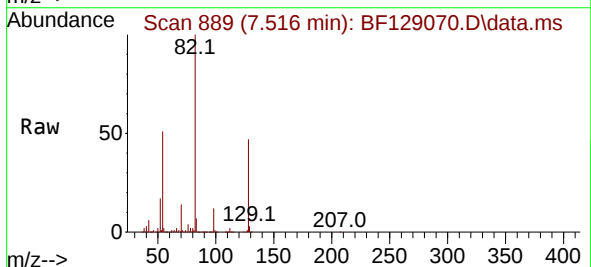
Instrument :
BNA_F
ClientSampleId :
B2208-35

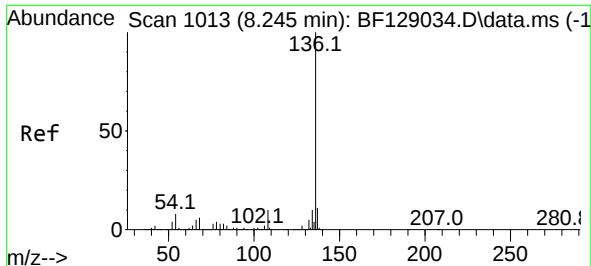
Tgt Ion: 99 Resp: 3243639
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 33.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.010 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

Tgt Ion: 70 Resp: 276491
Ion Ratio Lower Upper
70 100
42 45.4 52.3 78.5#
101 0.1 7.5 11.3#
130 2.4 16.1 24.1#

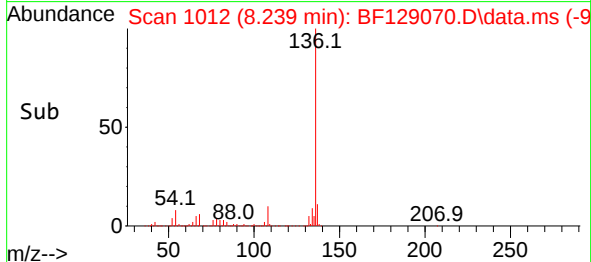
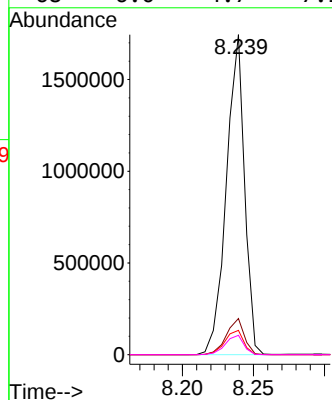
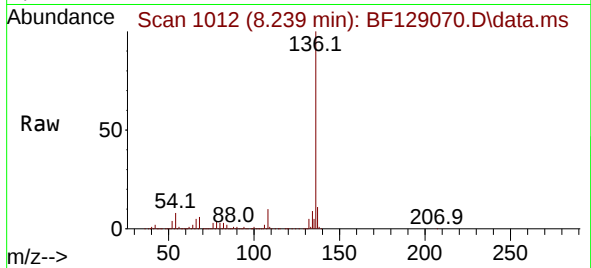




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

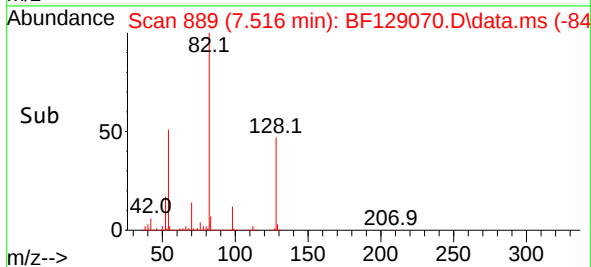
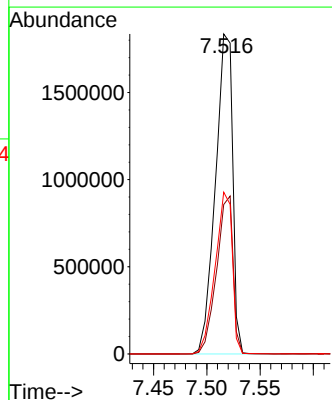
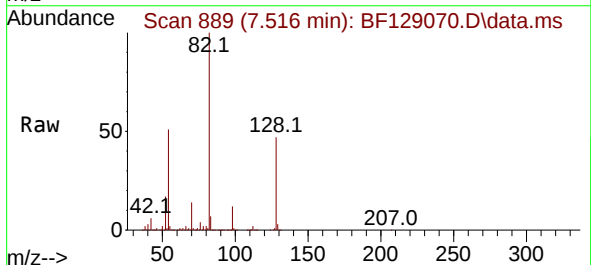
Instrument :
BNA_F
ClientSampleId :
B2208-35

Tgt Ion:136 Resp: 1546928
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.6 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 79.459 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

Tgt Ion: 82 Resp: 2060755
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 50.6 46.9 70.3

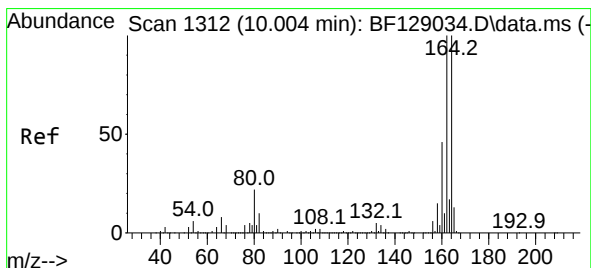
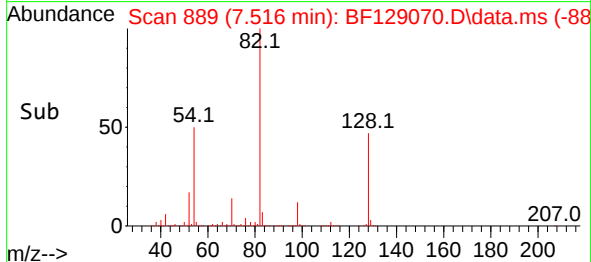
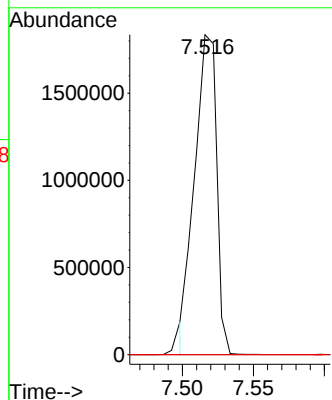
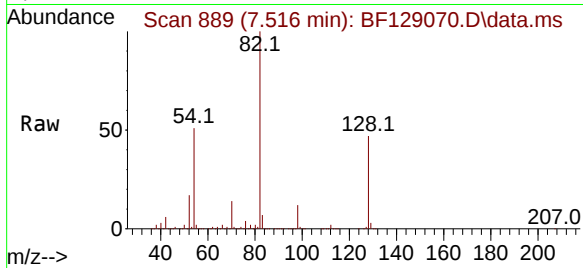




#25
Isophorone
Concen: 45.215 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

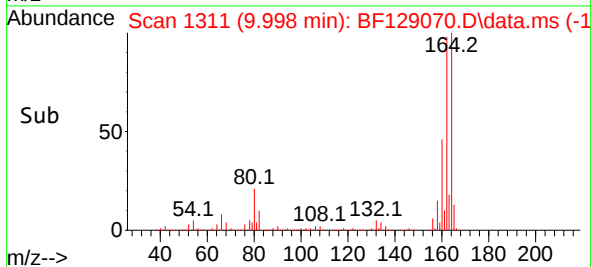
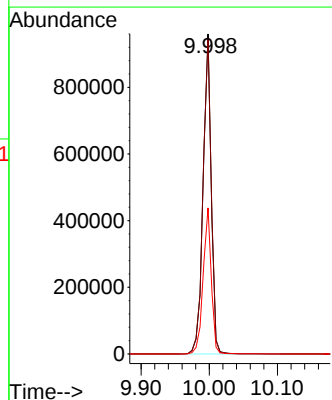
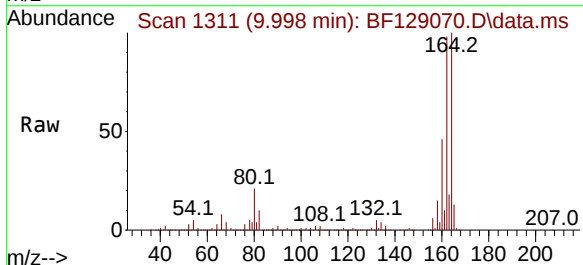
Instrument :
BNA_F
ClientSampleId :
B2208-35

Tgt Ion: 82 Resp: 1981841
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: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

Tgt Ion:164 Resp: 797227
Ion Ratio Lower Upper
164 100
162 98.2 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 116.385 ng

RT: 10.792 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF129070.D

Acq: 30 Jun 2022 21:00

Instrument :

BNA_F

ClientSampleId :

B2208-35

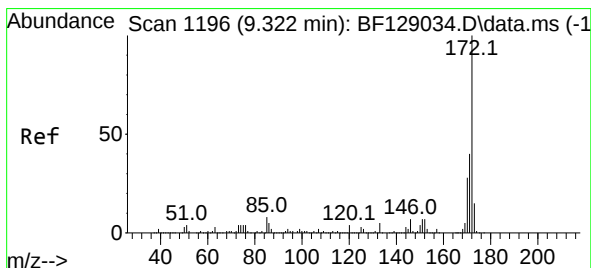
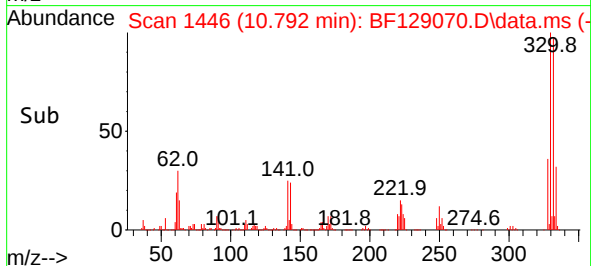
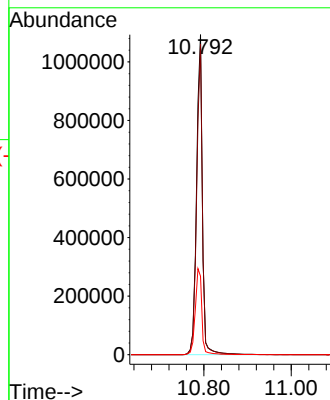
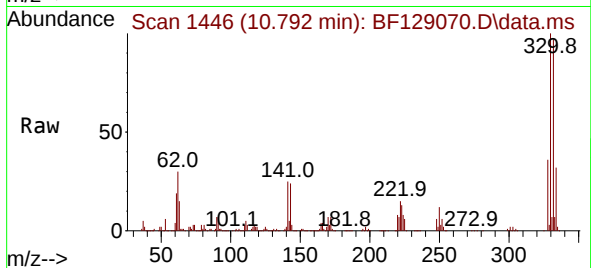
Tgt Ion:330 Resp: 1008898

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 30.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.733 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129070.D

Acq: 30 Jun 2022 21:00

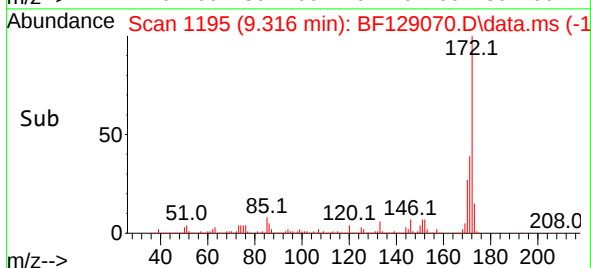
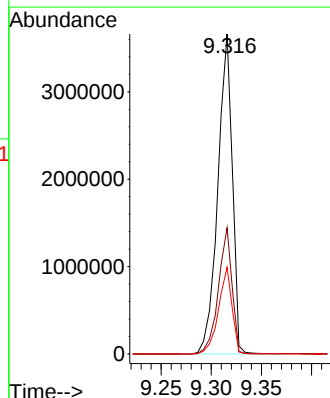
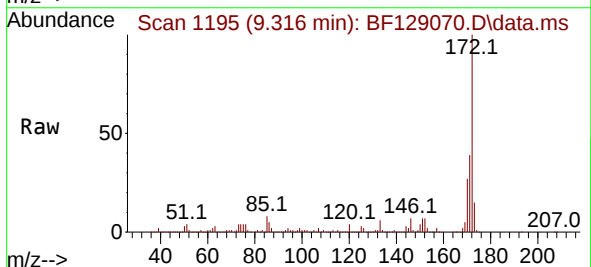
Tgt Ion:172 Resp: 3674354

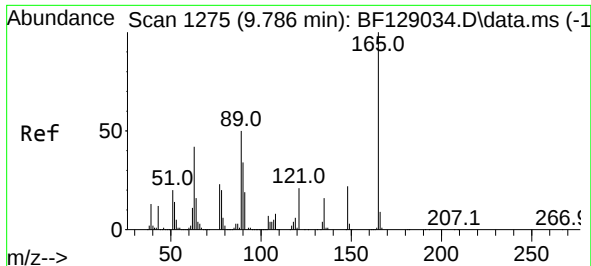
Ion Ratio Lower Upper

172 100

171 39.4 28.8 43.2

170 27.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.234 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129070.D

Acq: 30 Jun 2022 21:00

Instrument :

BNA_F

ClientSampleId :

B2208-35

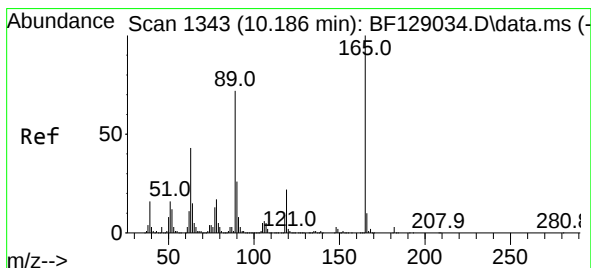
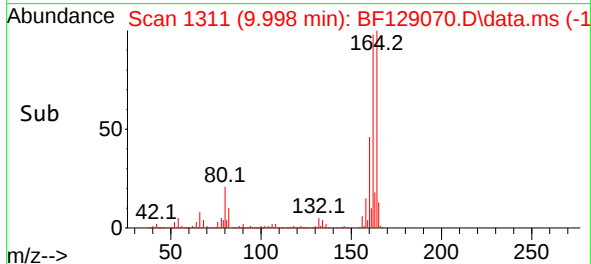
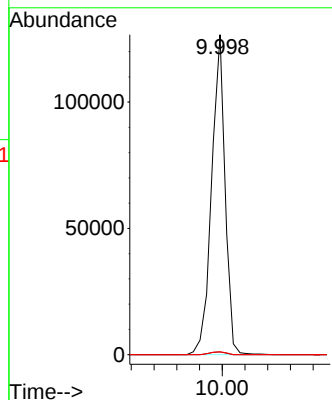
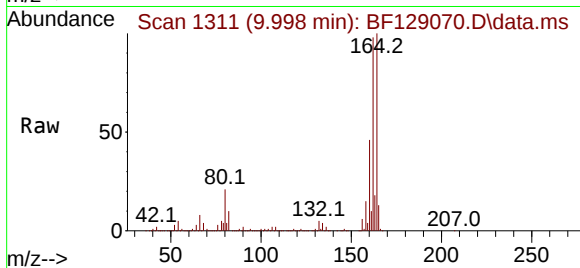
Tgt Ion:165 Resp: 104302

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.290 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129070.D

Acq: 30 Jun 2022 21:00

Tgt Ion:165 Resp: 104302

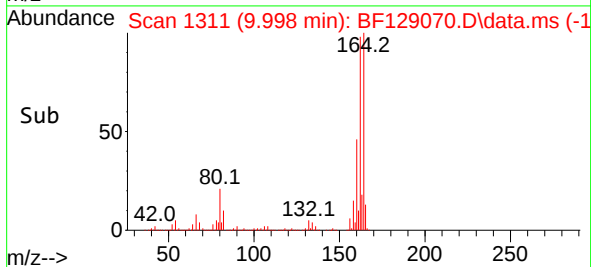
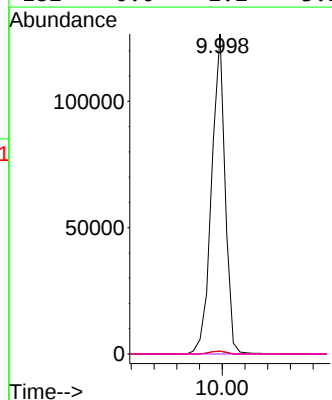
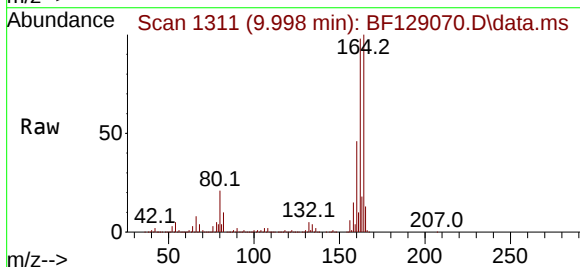
Ion Ratio Lower Upper

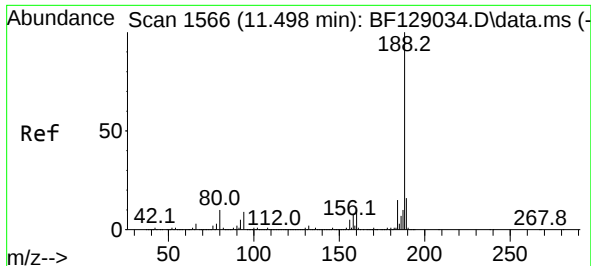
165 100

63 0.9 39.8 59.6#

89 0.9 60.2 90.2#

182 0.0 2.2 3.2#

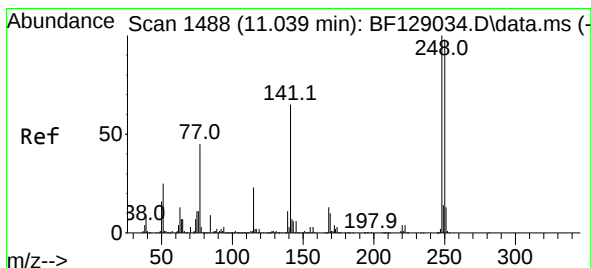
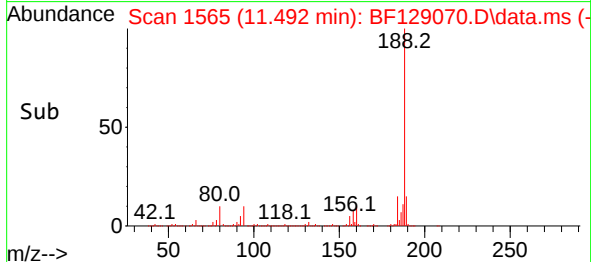
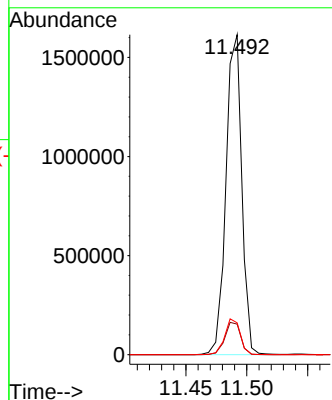
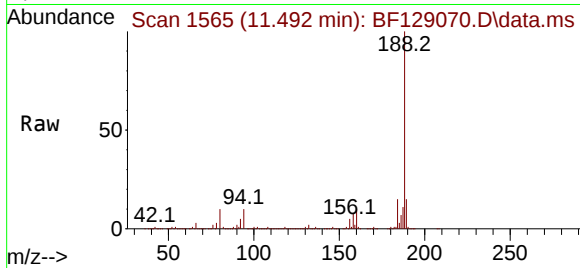




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

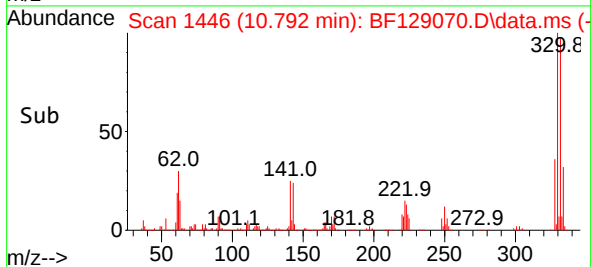
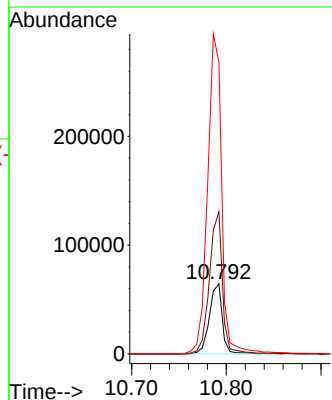
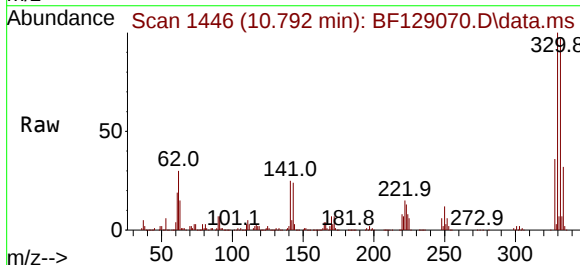
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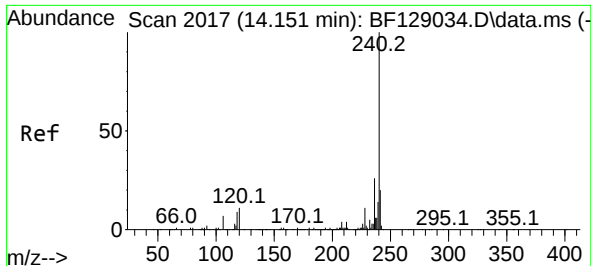
Tgt Ion:188 Resp: 1461682
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.945 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

Tgt Ion:248 Resp: 61332
Ion Ratio Lower Upper
248 100
250 202.6 80.6 120.8#
141 415.3 58.9 88.3#

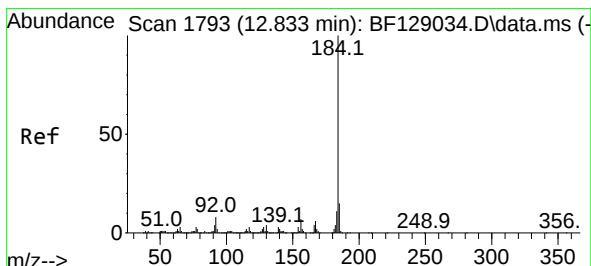
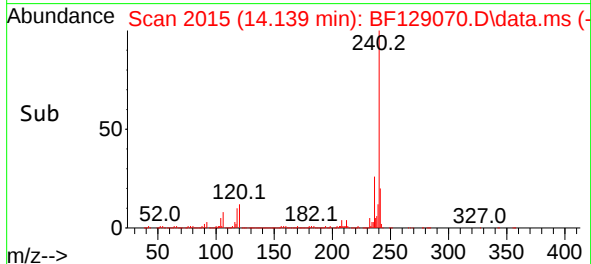
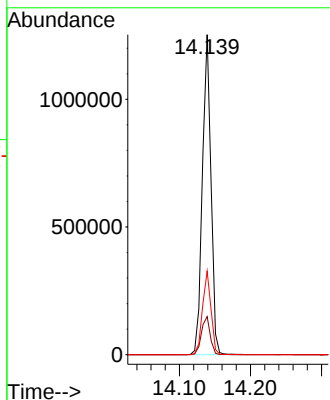
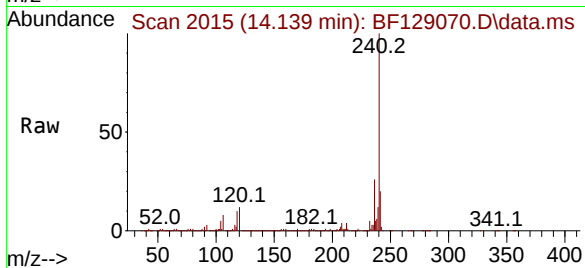




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

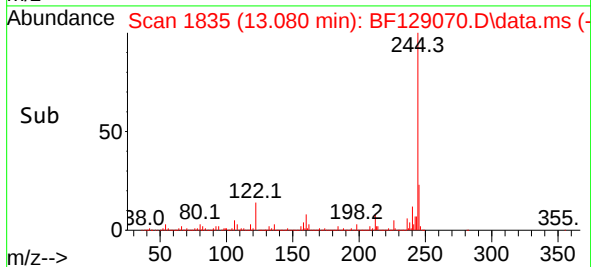
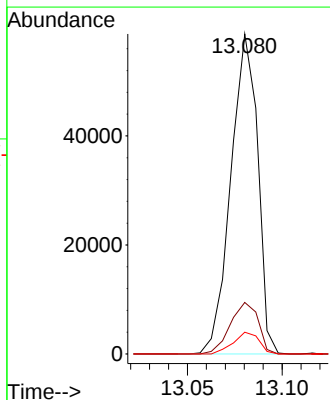
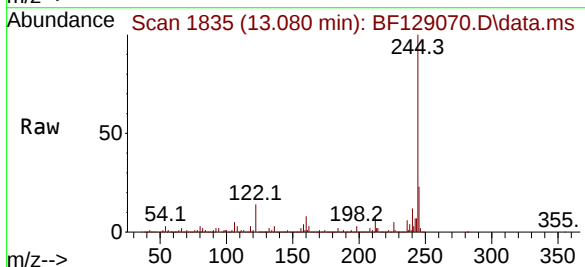
Instrument :
BNA_F
ClientSampleId :
B2208-35

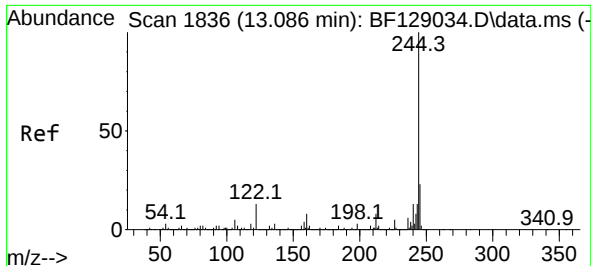
Tgt Ion:240 Resp: 1057015
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 26.1 20.8 31.2



#77
Benzidine
Concen: 3.080 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129070.D
Acq: 30 Jun 2022 21:00

Tgt Ion:184 Resp: 57975
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 6.8 9.3 13.9#

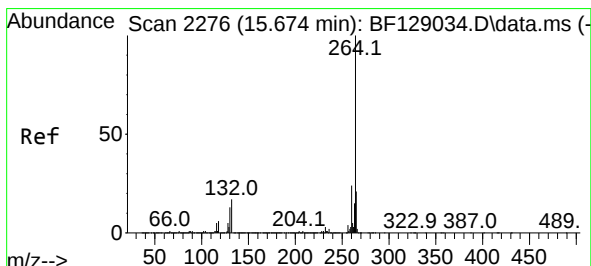
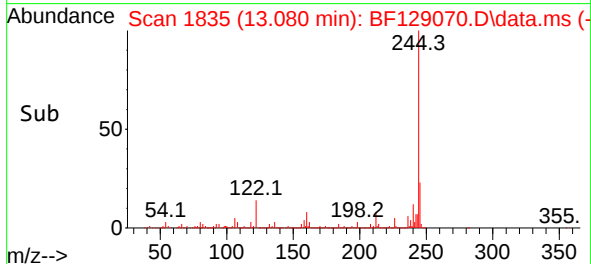
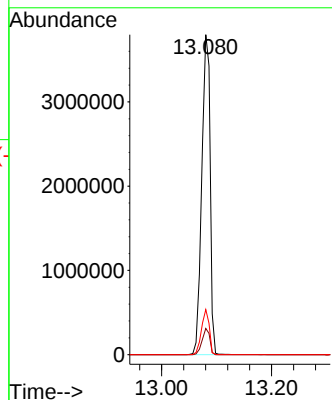
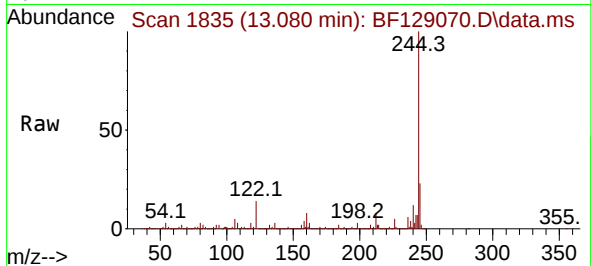




#79
 Terphenyl-d14
 Concen: 79.235 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129070.D
 Acq: 30 Jun 2022 21:00

Instrument :
 BNA_F
 ClientSampleId :
 B2208-35

Tgt Ion:244 Resp: 4033080
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.1 9.1
 122 14.1 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129070.D
 Acq: 30 Jun 2022 21:00

Tgt Ion:264 Resp: 831558
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.8 17.2 25.8

