

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129060.D
 Acq On : 30 Jun 2022 15:56
 Operator : CG\JU
 Sample : N3434-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2203-35

Quant Time: Jul 01 05:42:39 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)

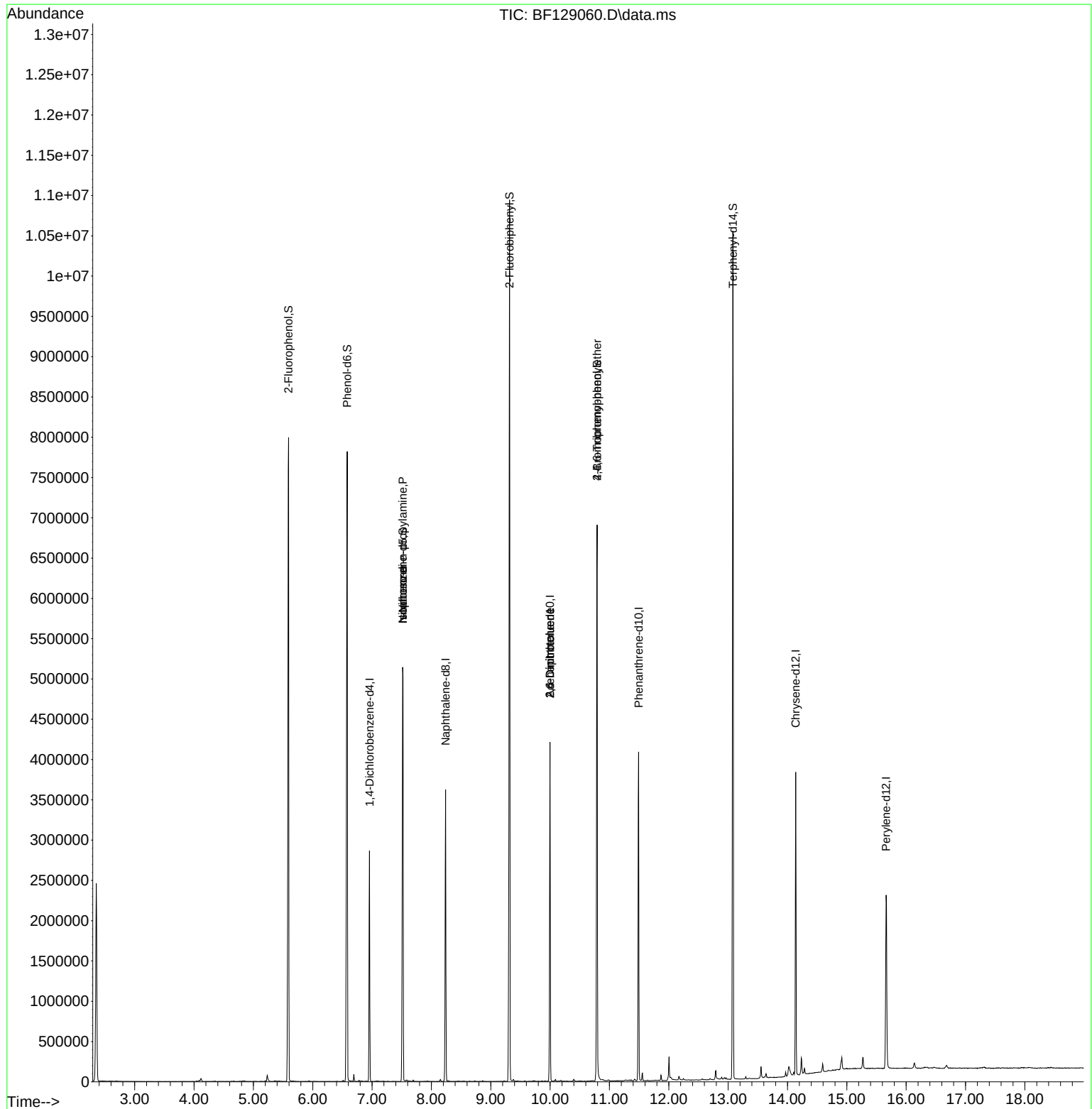
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	406912	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1541280	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	808839	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1486540	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1191387	20.000	ng	-0.01
86) Perylene-d12	15.662	264	1015341	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2492808	103.571	ng	0.00
7) Phenol-d6	6.581	99	3066918	102.598	ng	0.00
23) Nitrobenzene-d5	7.516	82	1915782	74.139	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	942103	107.119	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3363832	66.533	ng	0.00
79) Terphenyl-d14	13.080	244	3665994	63.900	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	433	Below Cal	#	51
19) n-Nitroso-di-n-propyla...	7.516	70	250687	14.497	ng	# 73
25) Isophorone	7.516	82	1864436	42.693	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	105763	10.229	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	105763	8.285	ng	# 21
67) 4-Bromophenyl-phenylether	10.792	248	56340	3.563	ng	# 1

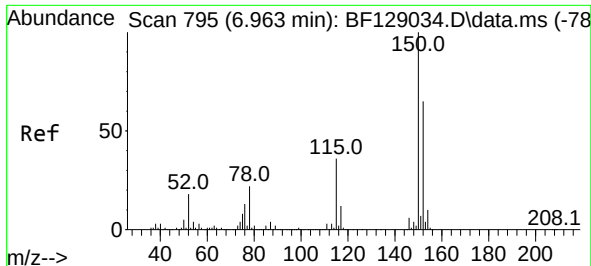
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

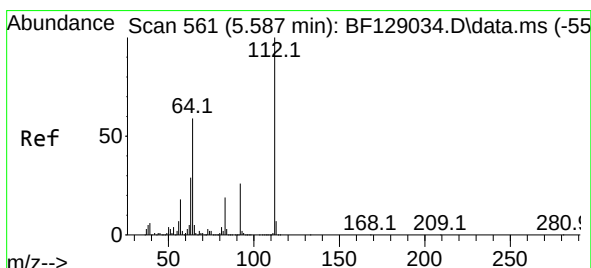
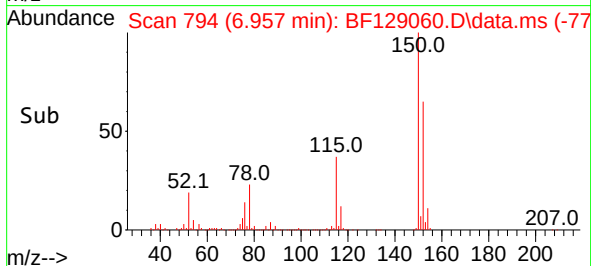
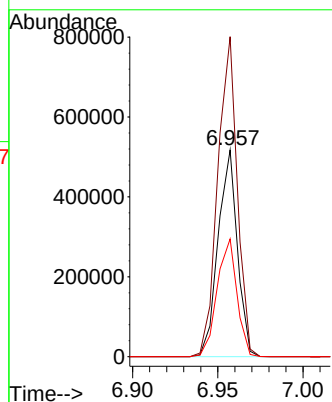
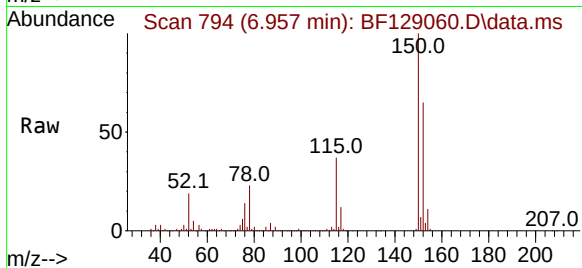




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

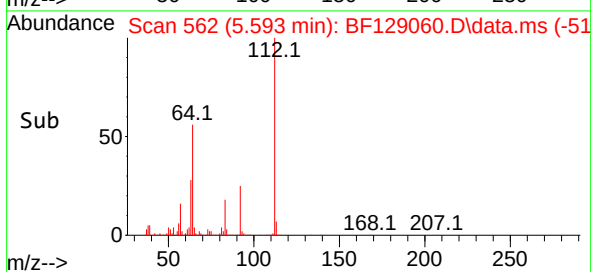
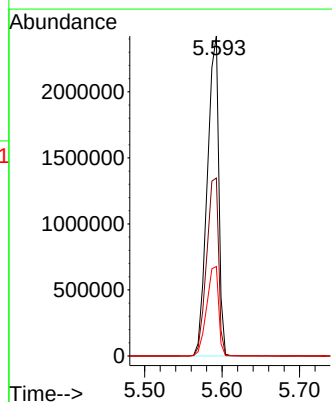
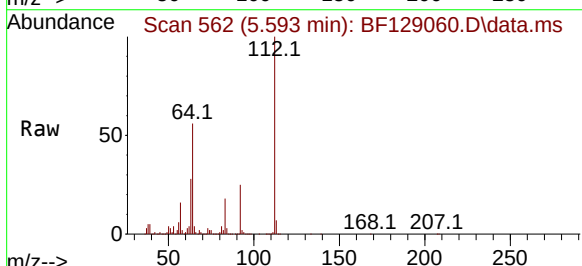
Instrument :
BNA_F
ClientSampleId :
B2203-35

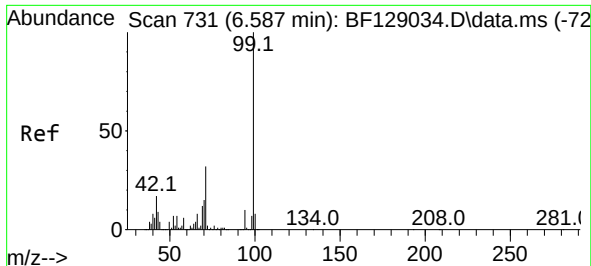
Tgt Ion:152 Resp: 406912
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 57.0 49.9 74.9



#5
2-Fluorophenol
Concen: 103.571 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

Tgt Ion:112 Resp: 2492808
Ion Ratio Lower Upper
112 100
64 55.6 53.3 79.9
63 27.9 28.0 42.0#





#7
Phenol-d6
Concen: 102.598 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

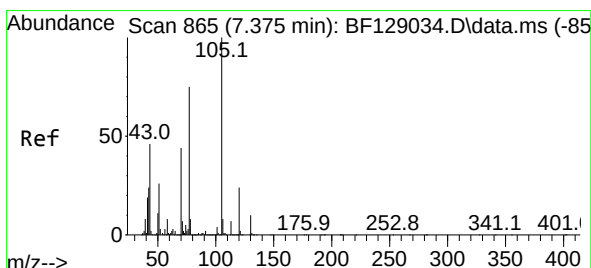
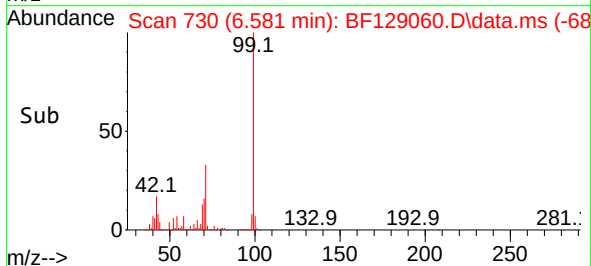
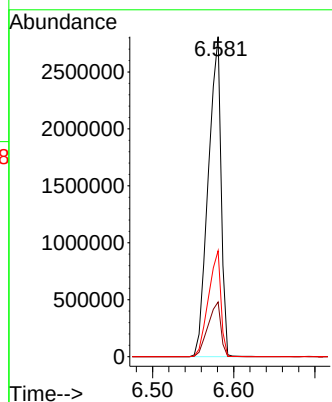
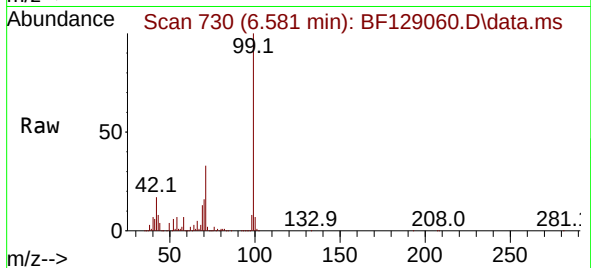
Instrument :

BNA_F

ClientSampleId :

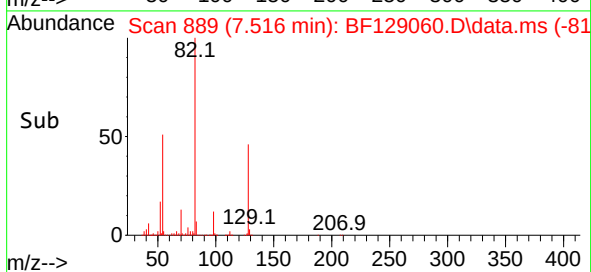
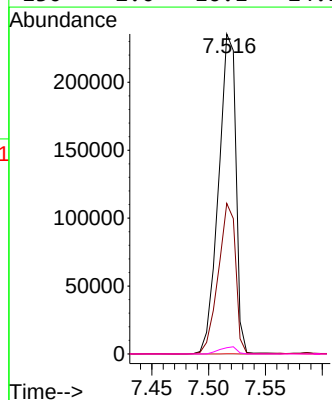
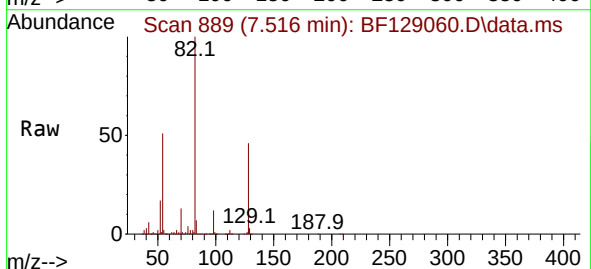
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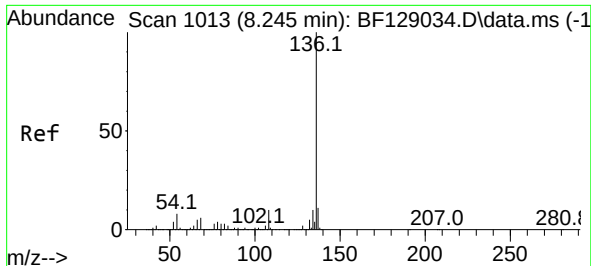
Tgt Ion: 99 Resp: 3066918
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 33.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.497 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

Tgt Ion: 70 Resp: 250687
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.1 7.5 11.3#
130 2.0 16.1 24.1#

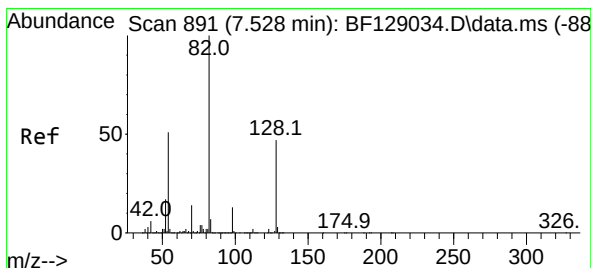
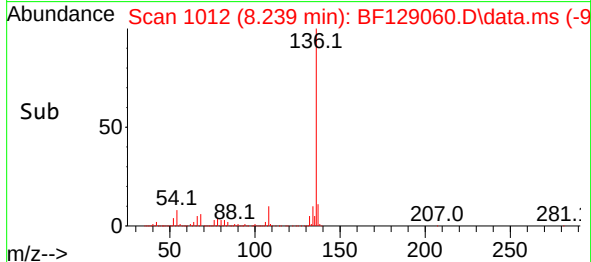
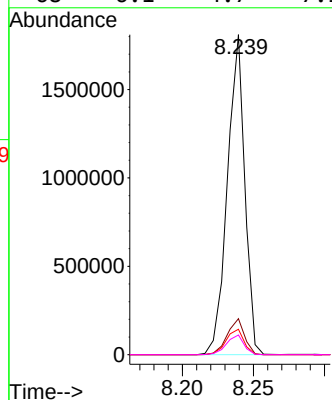
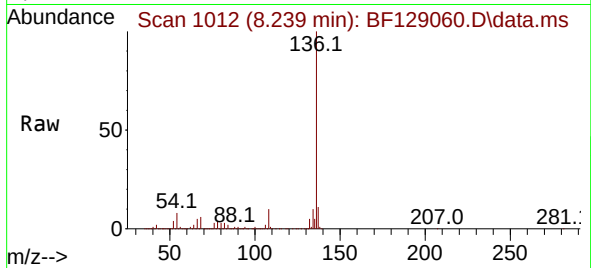




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

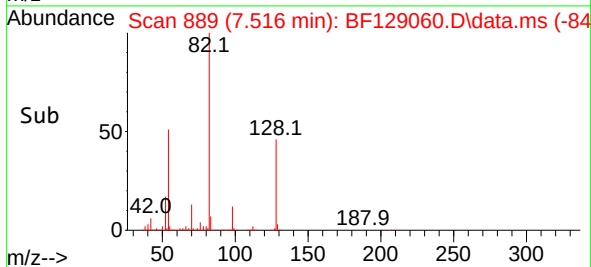
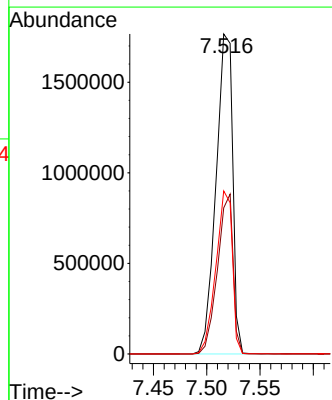
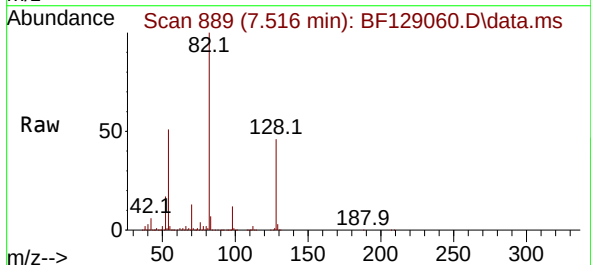
Instrument :
BNA_F
ClientSampleId :
B2203-35

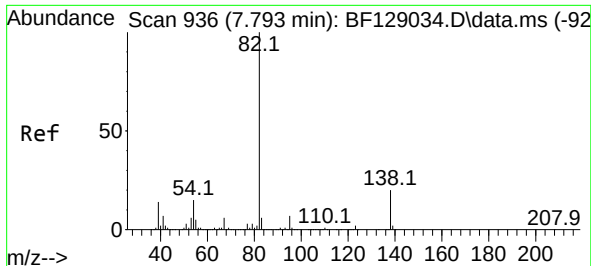
Tgt Ion:136 Resp: 1541280
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.9 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 74.139 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

Tgt Ion: 82 Resp: 1915782
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 50.9 46.9 70.3

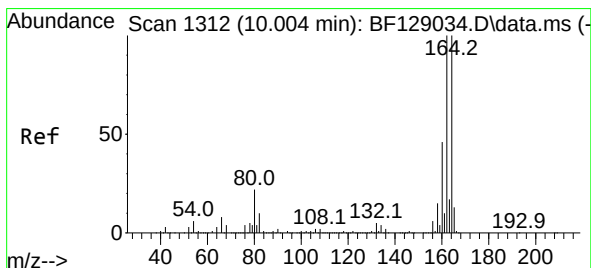
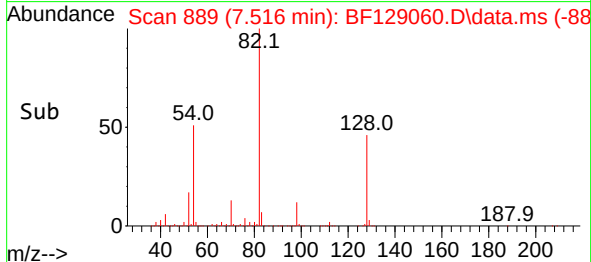
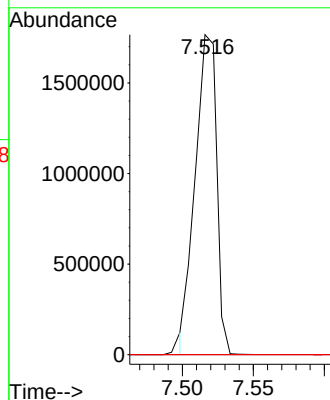
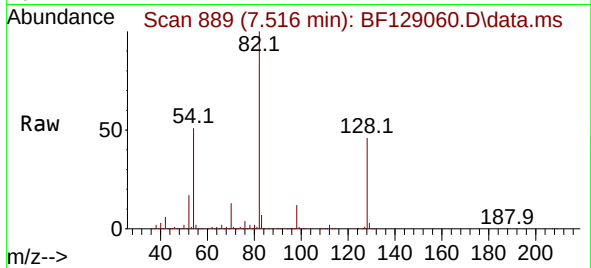




#25
Isophorone
Concen: 42.693 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

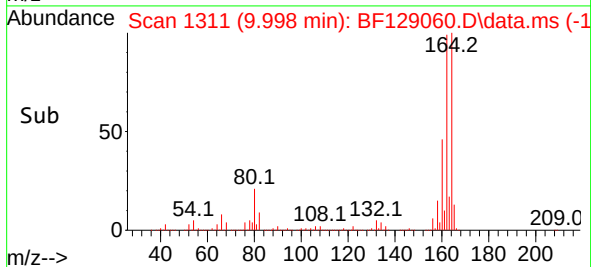
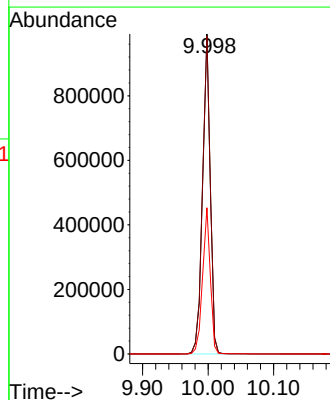
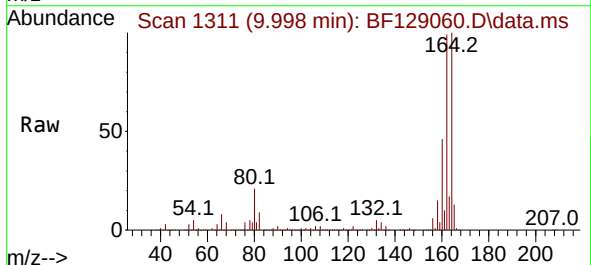
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ClientSampleId :
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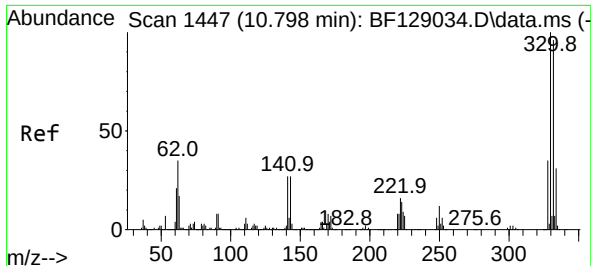
Tgt Ion: 82 Resp: 1864436
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

Tgt Ion: 164 Resp: 808839
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 45.7 34.2 51.4

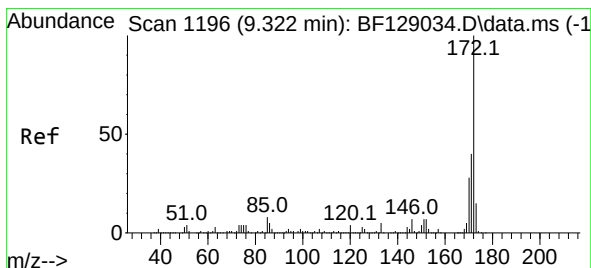
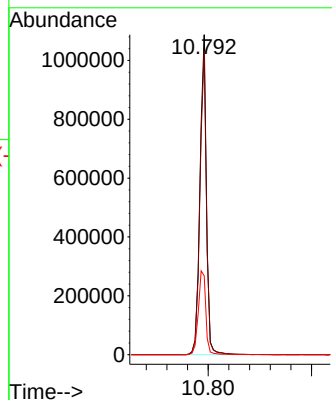
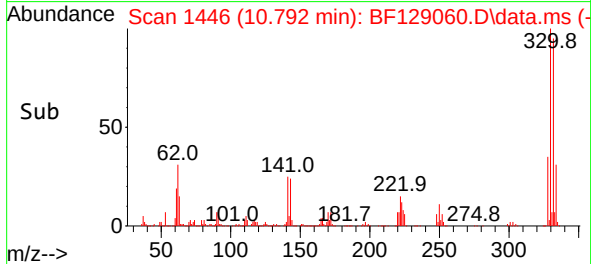
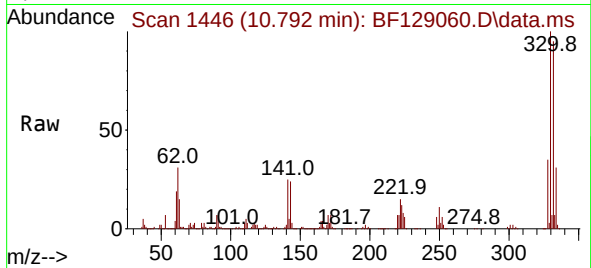




#42
2,4,6-Tribromophenol
Concen: 107.119 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

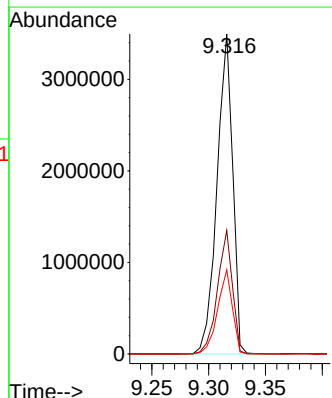
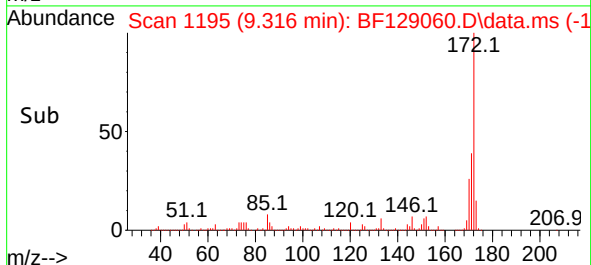
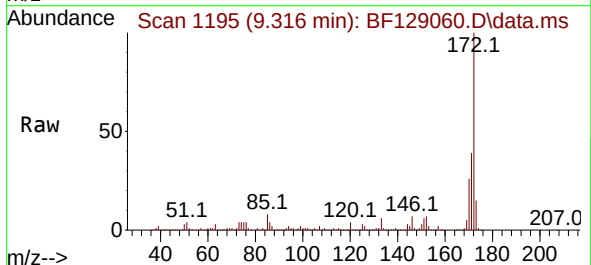
Instrument :
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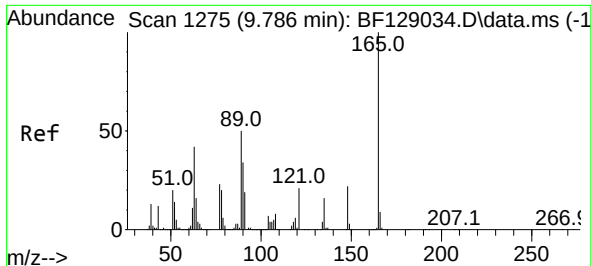
Tgt Ion:330 Resp: 942103
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 30.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 66.533 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

Tgt Ion:172 Resp: 3363832
Ion Ratio Lower Upper
172 100
171 38.6 28.8 43.2
170 26.3 19.8 29.8

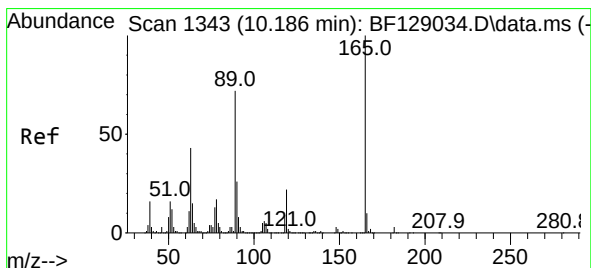
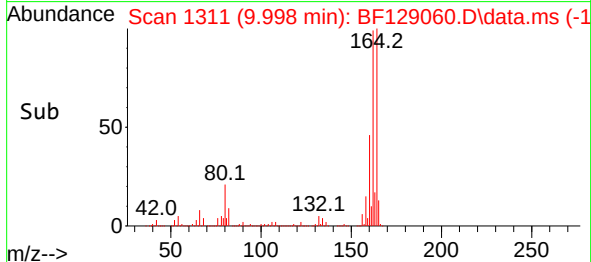
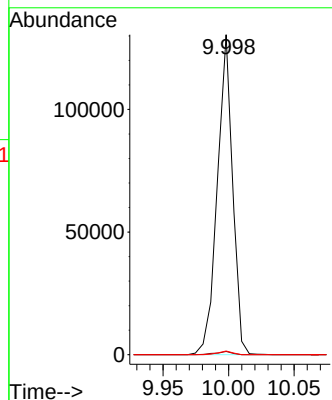
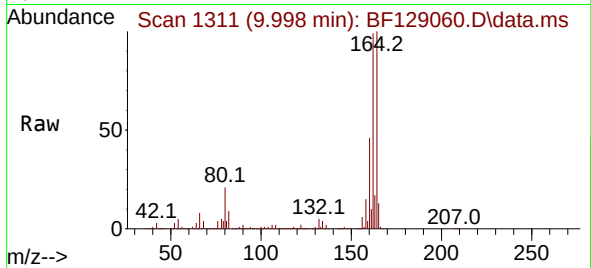




#51
2,6-Dinitrotoluene
Concen: 10.229 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

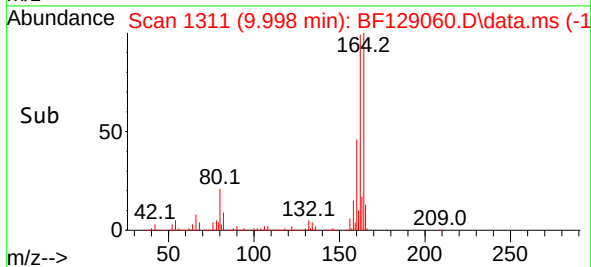
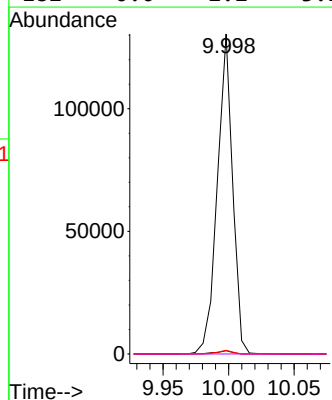
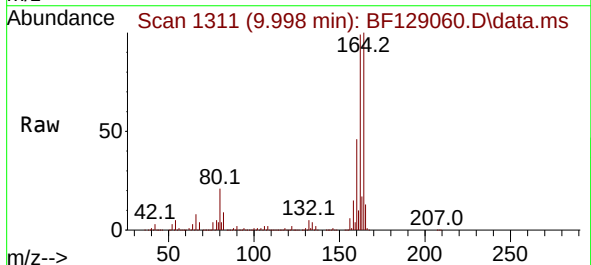
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BNA_F
ClientSampleId :
B2203-35

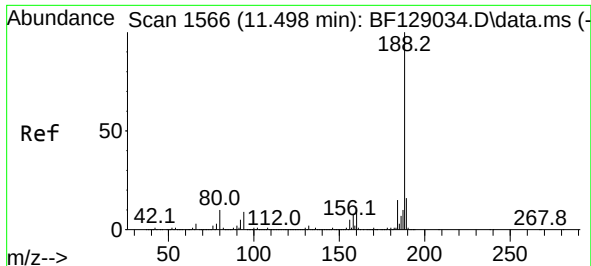
Tgt Ion:165 Resp: 105763
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.285 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

Tgt Ion:165 Resp: 105763
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

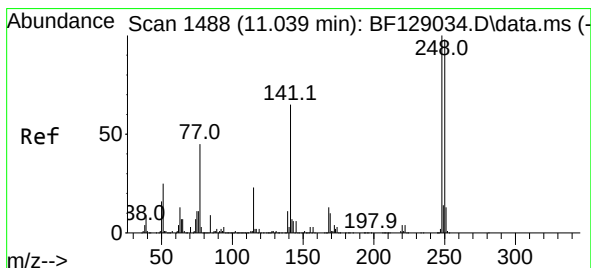
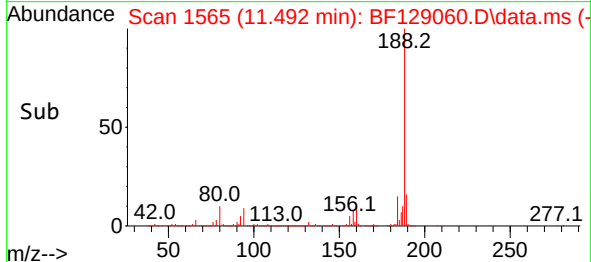
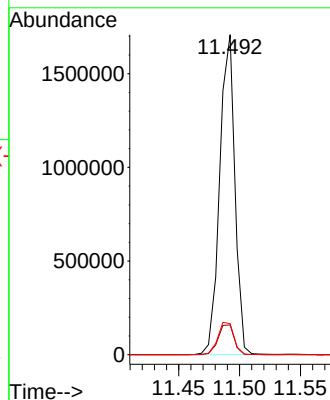
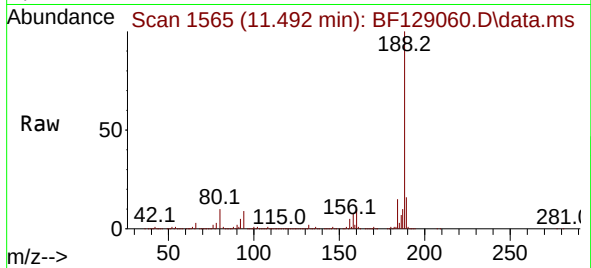




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

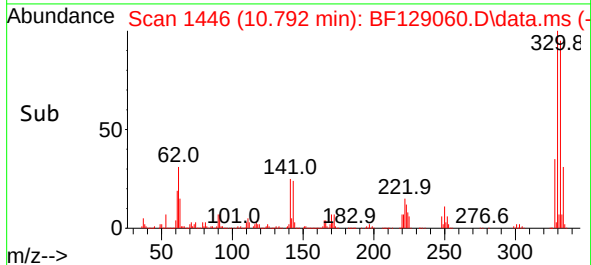
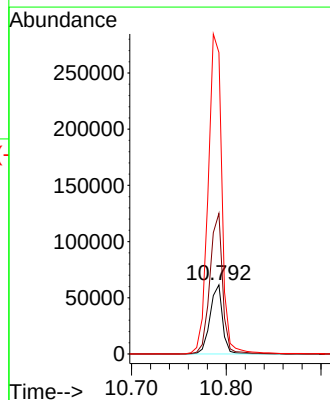
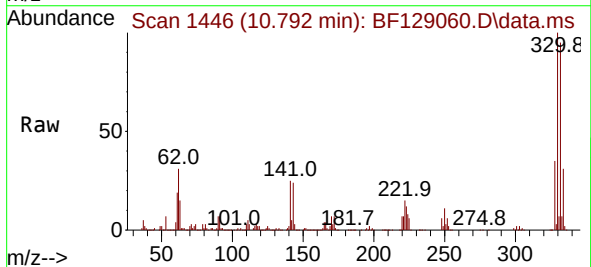
Instrument :
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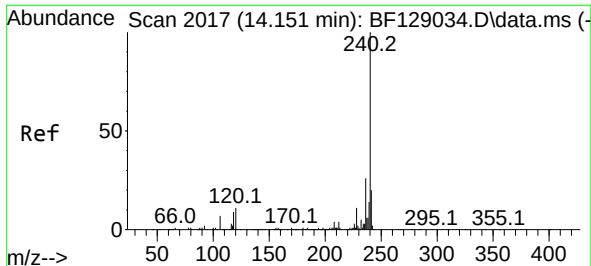
Tgt Ion:188 Resp: 1486540
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.563 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

Tgt Ion:248 Resp: 56340
Ion Ratio Lower Upper
248 100
250 203.0 80.6 120.8#
141 435.5 58.9 88.3#

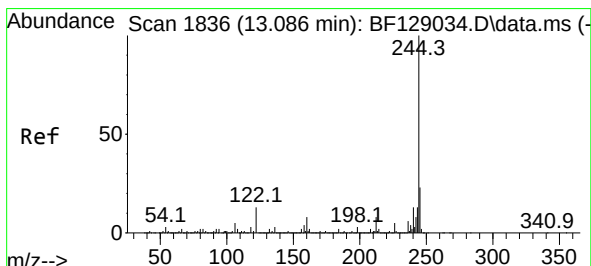
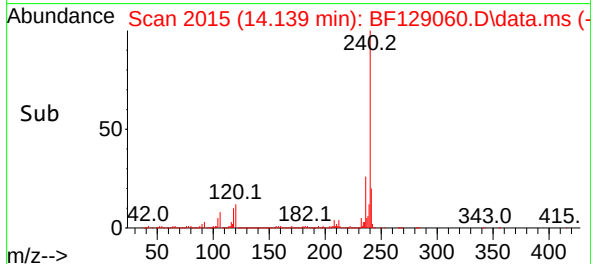
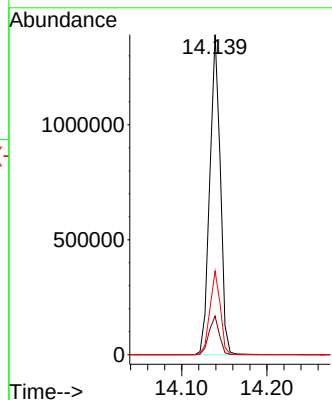
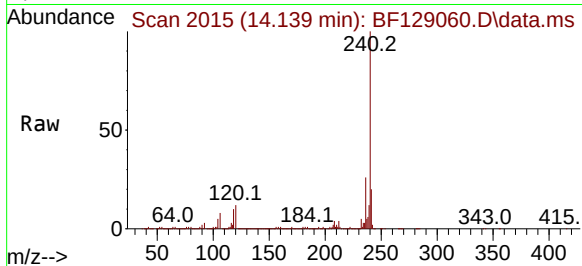




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

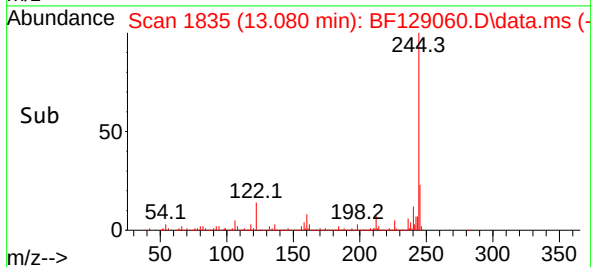
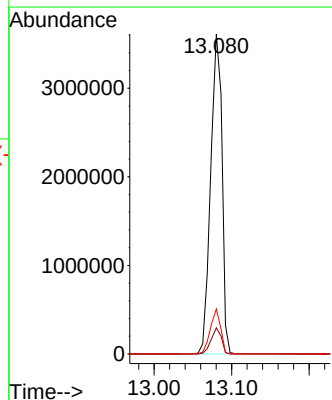
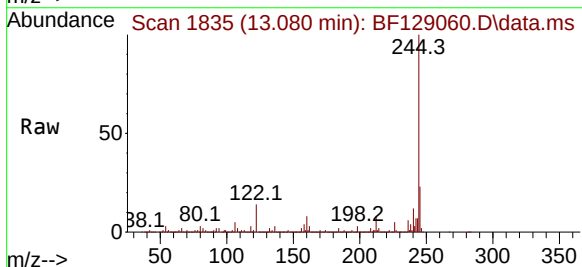
Instrument :
BNA_F
ClientSampleId :
B2203-35

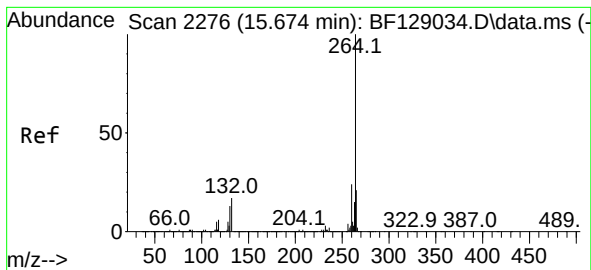
Tgt Ion:240 Resp: 1191387
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 63.900 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129060.D
Acq: 30 Jun 2022 15:56

Tgt Ion:244 Resp: 3665994
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 14.1 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129060.D
 Acq: 30 Jun 2022 15:56

Instrument :
 BNA_F
 ClientSampleId :
 B2203-35

Tgt Ion:264 Resp: 1015341
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 22.3 17.2 25.8

