

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128413.D
 Acq On : 23 May 2022 21:39
 Operator : CG\JU
 Sample : N2963-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-057

Quant Time: May 24 01:24:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

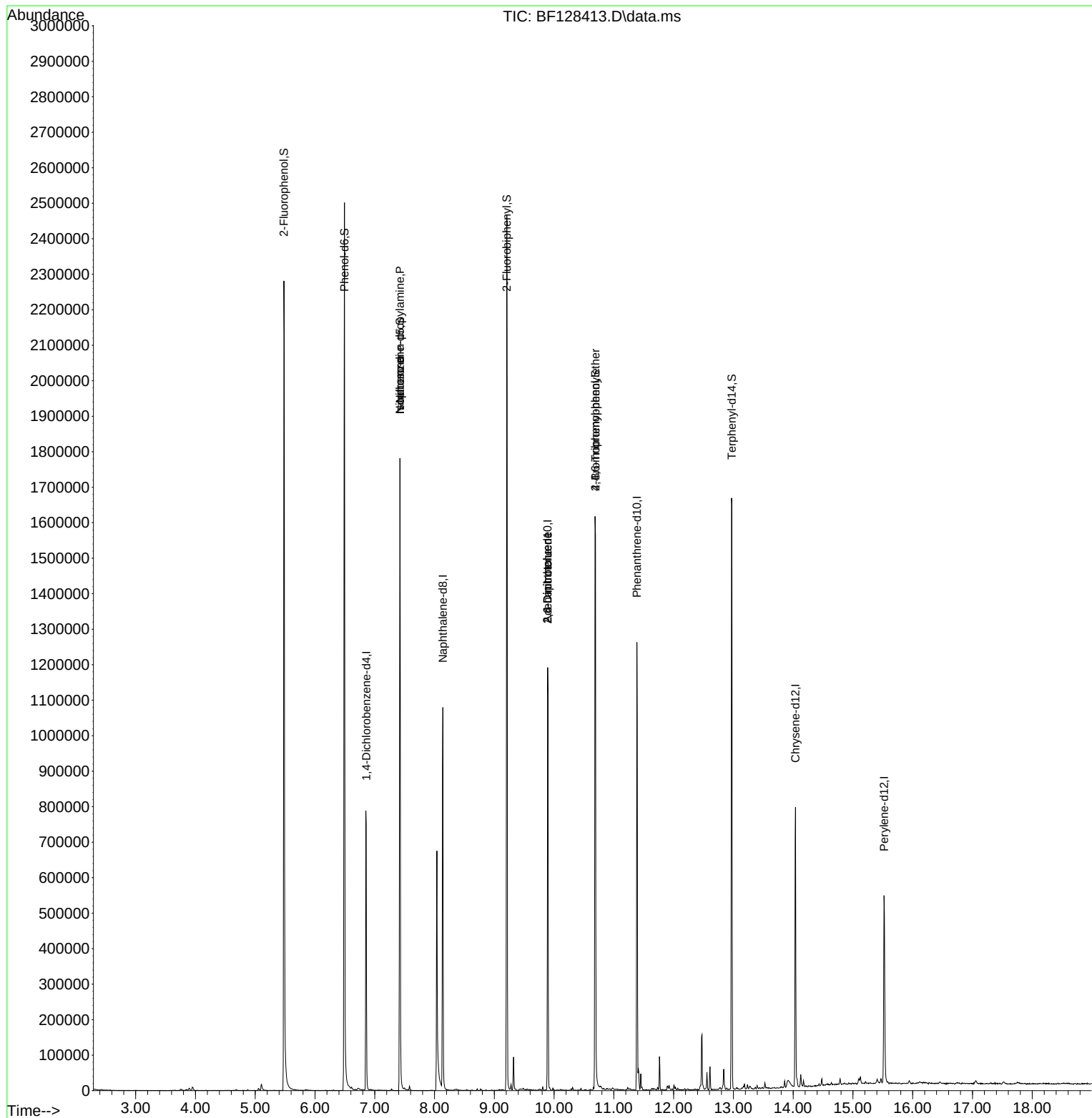
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	119627	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	461641	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	257143	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	465473	20.000	ng	0.00
76) Chrysene-d12	14.039	240	274268	20.000	ng	-0.01
86) Perylene-d12	15.521	264	250729	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	656448	87.326	ng	0.00
7) Phenol-d6	6.492	99	832972	84.151	ng	0.00
23) Nitrobenzene-d5	7.422	82	592882	57.543	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	206979	78.049	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	755185	48.027	ng	-0.01
79) Terphenyl-d14	12.974	244	605883	42.645	ng	0.00
Target Compounds						
9) Benzaldehyde	6.492	77	1489	Below Cal	Qvalue #	3
19) n-Nitroso-di-n-propyla...	7.422	70	78882	13.324 ng	#	80
25) Isophorone	7.422	82	592878	37.549 ng	#	68
51) 2,6-Dinitrotoluene	9.892	165	33187	9.264 ng	#	21
57) 2,4-Dinitrotoluene	9.892	165	33187	7.353 ng	#	26
67) 4-Bromophenyl-phenylether	10.692	248	12829	2.634 ng	#	1

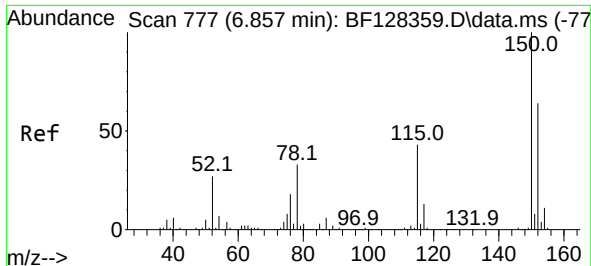
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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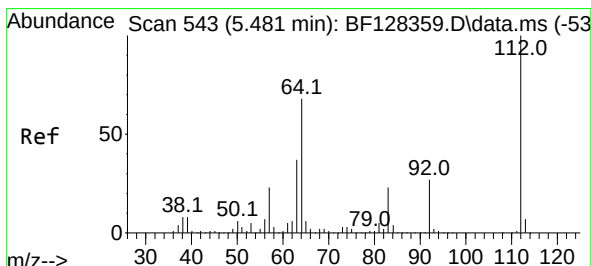
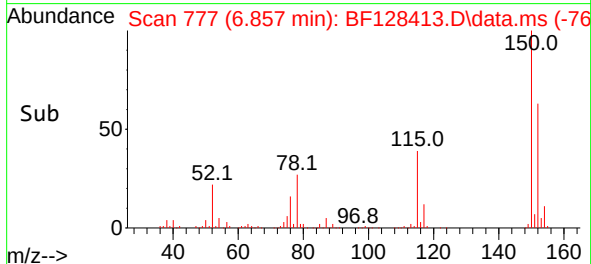
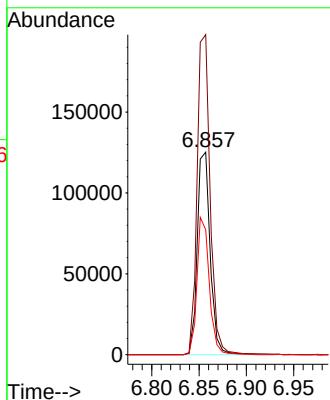
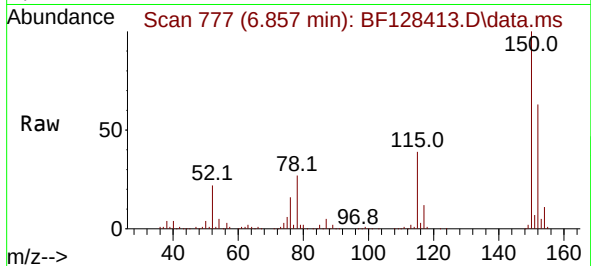




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

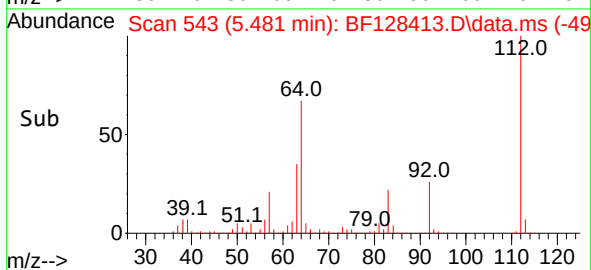
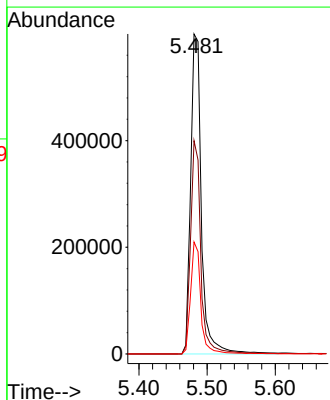
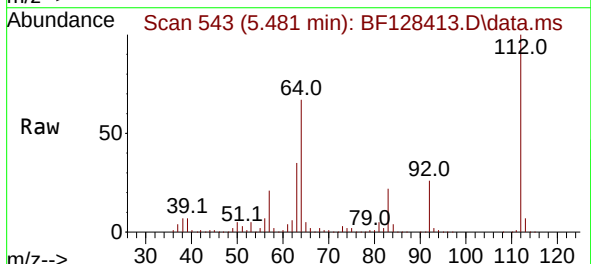
Instrument :
BNA_F
ClientSampleId :
RBR-057

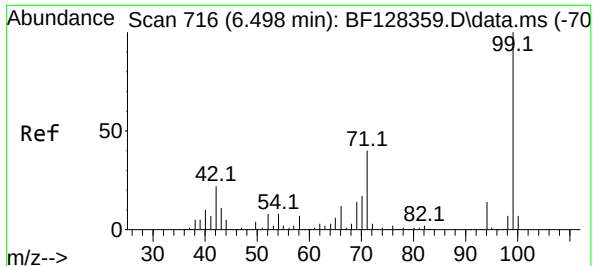
Tgt Ion:152 Resp: 119627
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 61.7 48.8 73.2



#5
2-Fluorophenol
Concen: 87.326 ng
RT: 5.481 min Scan# 543
Delta R.T. -0.000 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

Tgt Ion:112 Resp: 656448
Ion Ratio Lower Upper
112 100
64 66.7 49.5 74.3
63 35.0 26.3 39.5

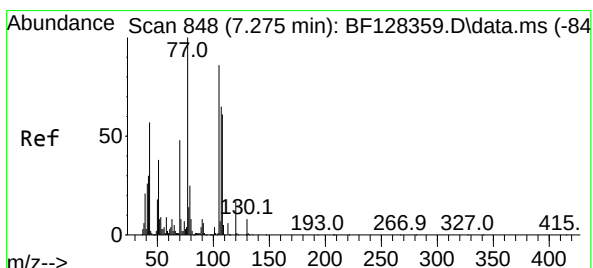
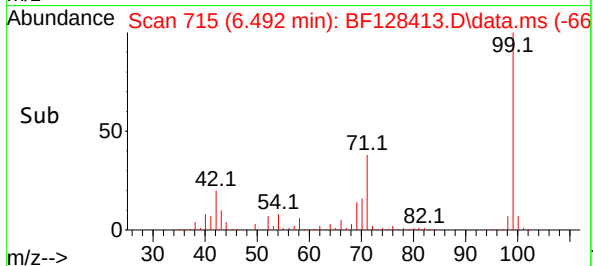
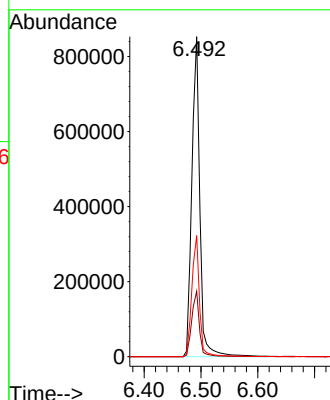
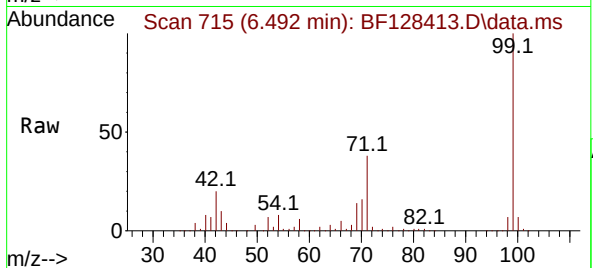




#7
Phenol-d6
Concen: 84.151 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

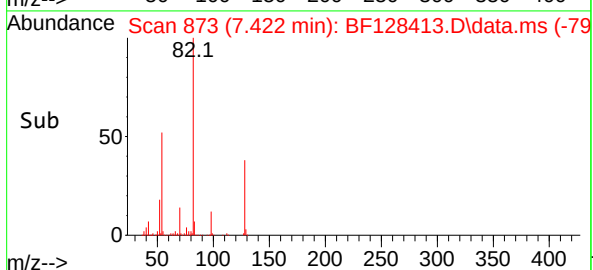
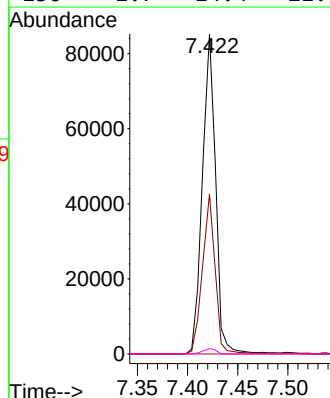
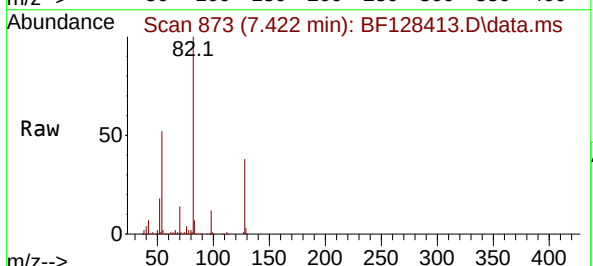
Instrument :
BNA_F
ClientSampleId :
RBR-057

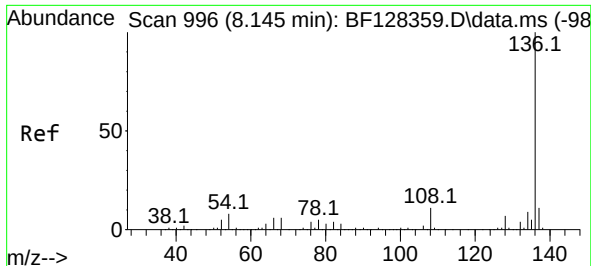
Tgt Ion: 99 Resp: 832972
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 37.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.324 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

Tgt Ion: 70 Resp: 78882
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



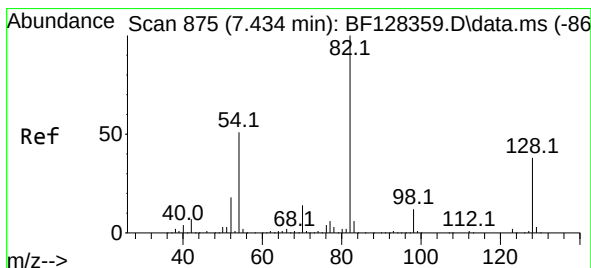
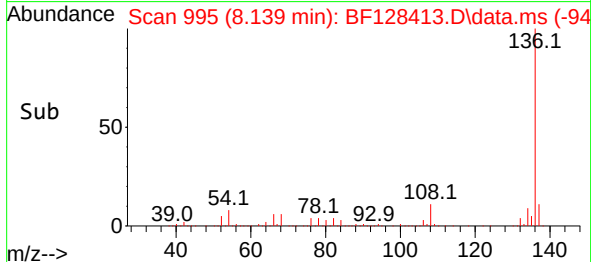
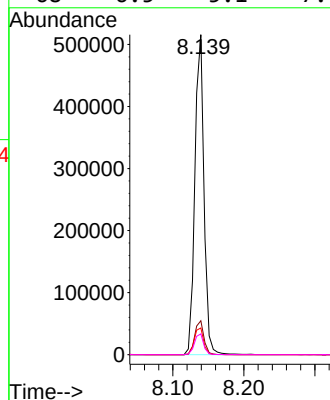
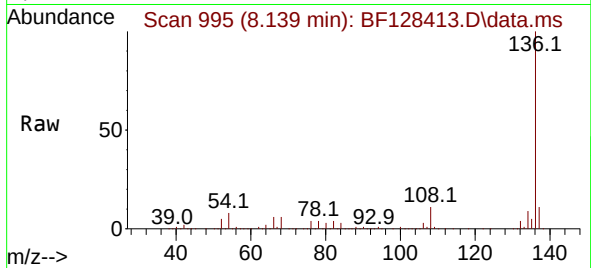


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

Instrument :
BNA_F
ClientSampleId :
RBR-057

Tgt Ion:136 Resp: 461641

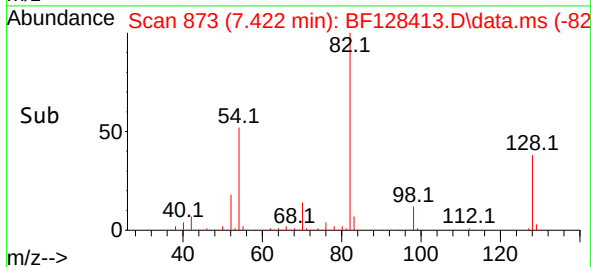
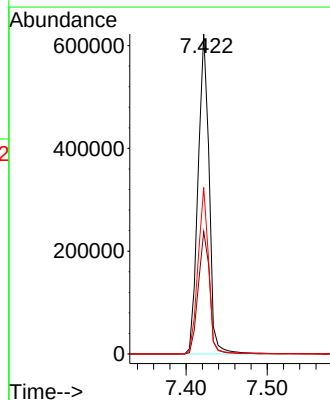
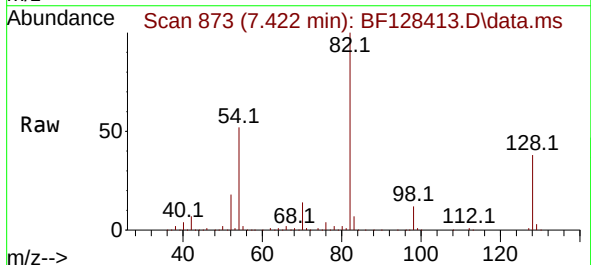
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.4	6.8	10.2
68	6.5	5.1	7.7

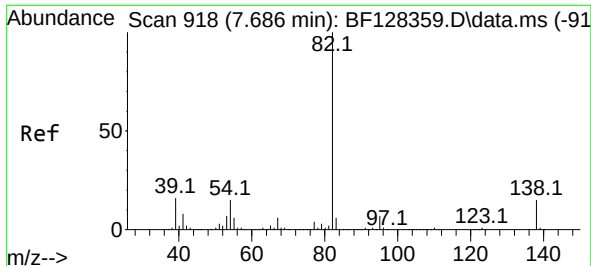


#23
Nitrobenzene-d5
Concen: 57.543 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

Tgt Ion: 82 Resp: 592882

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	52.0	41.3	61.9

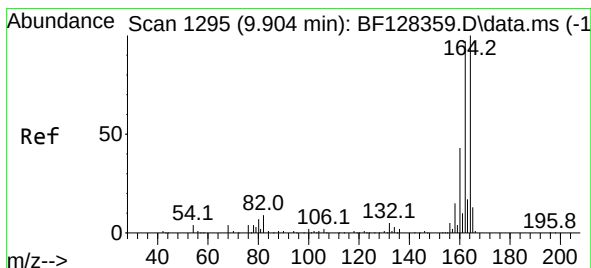
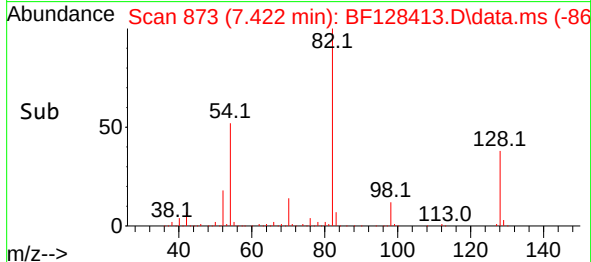
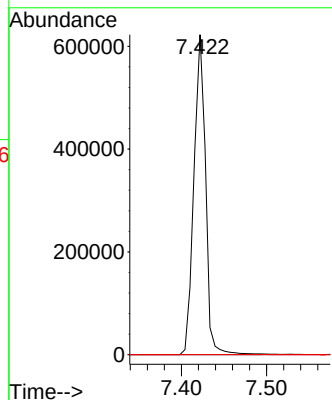
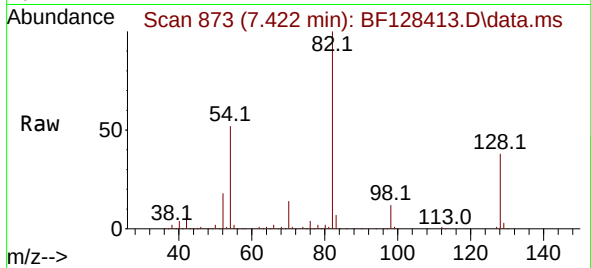




#25
Isophorone
Concen: 37.549 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

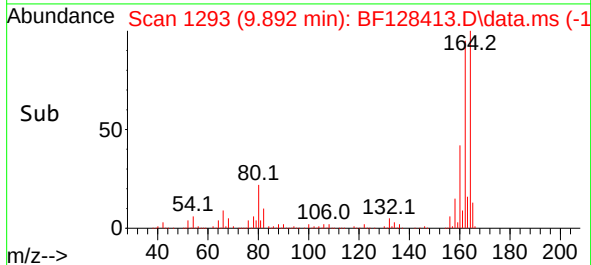
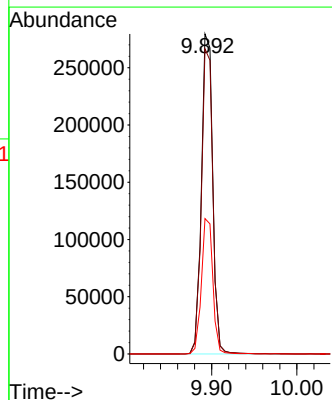
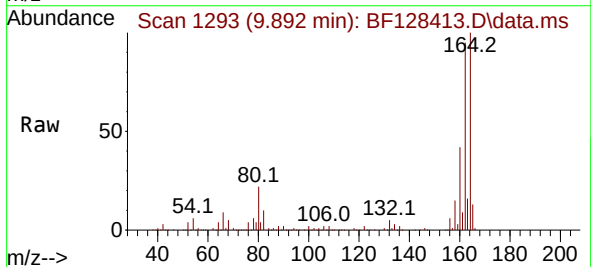
Instrument :
BNA_F
ClientSampleId :
RBR-057

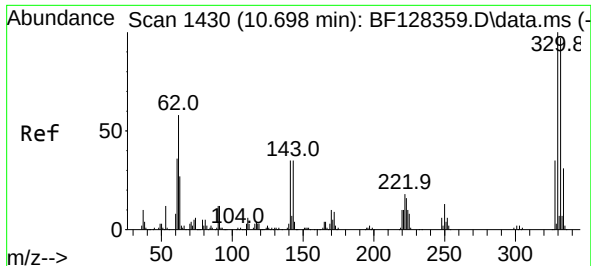
Tgt Ion: 82 Resp: 592878
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

Tgt Ion: 164 Resp: 257143
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 42.3 34.8 52.2

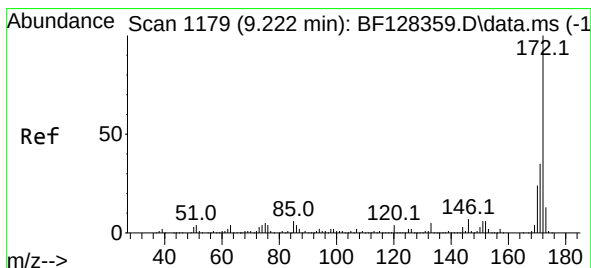
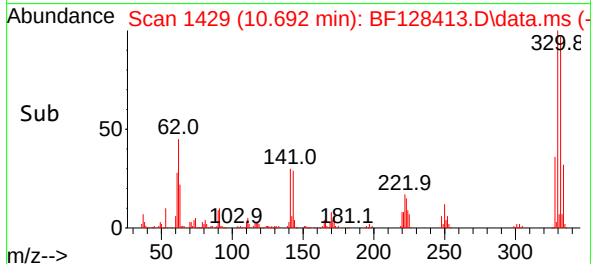
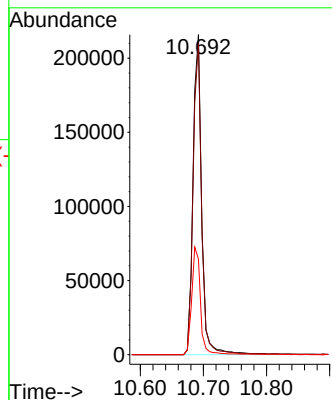
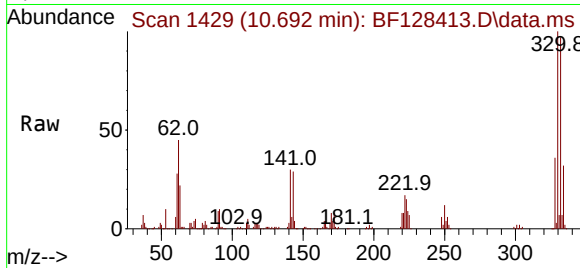




#42
2,4,6-Tribromophenol
Concen: 78.049 ng
RT: 10.692 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

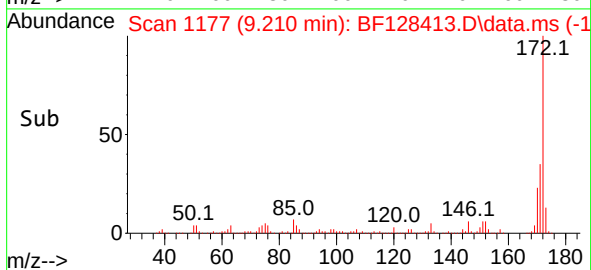
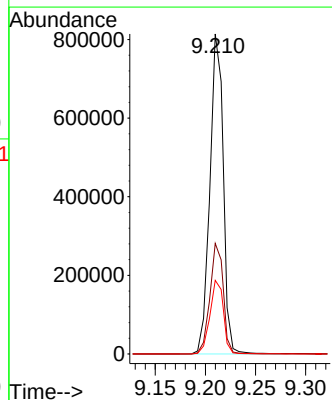
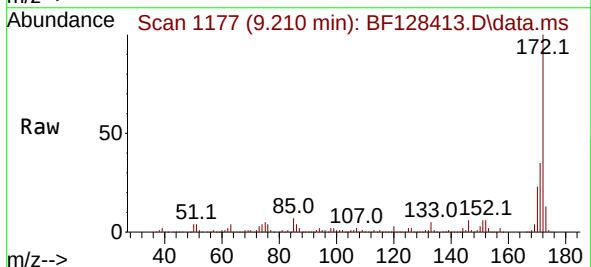
Instrument :
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ClientSampleId :
RBR-057

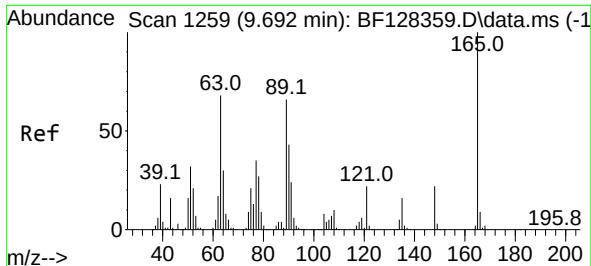
Tgt Ion:330 Resp: 206979
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 48.027 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

Tgt Ion:172 Resp: 755185
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.264 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128413.D

Acq: 23 May 2022 21:39

Instrument :

BNA_F

ClientSampleId :

RBR-057

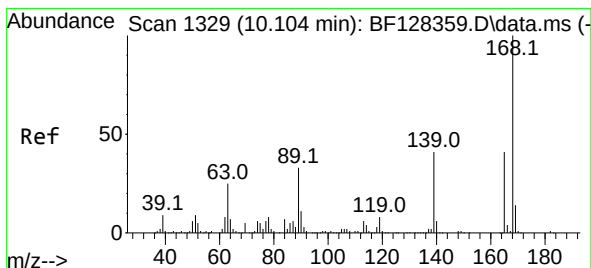
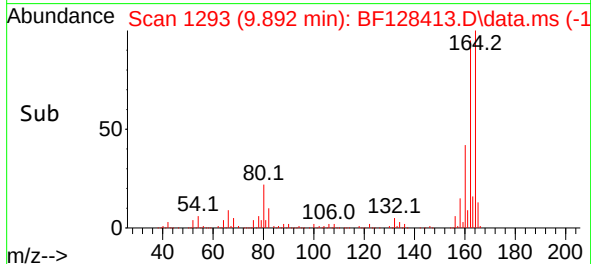
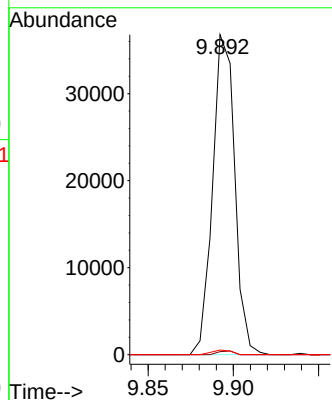
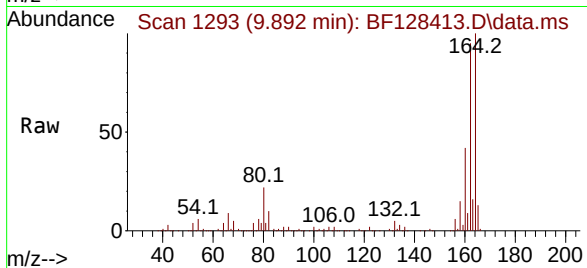
Tgt Ion:165 Resp: 33187

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.353 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF128413.D

Acq: 23 May 2022 21:39

Tgt Ion:165 Resp: 33187

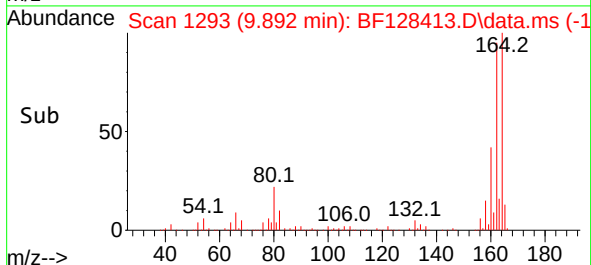
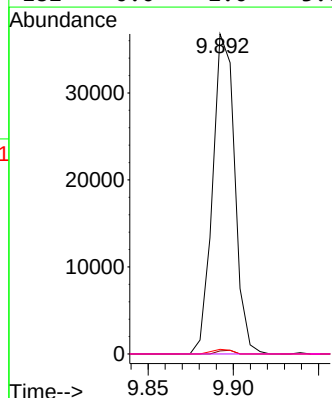
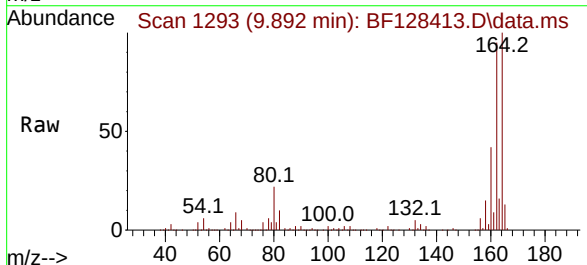
Ion Ratio Lower Upper

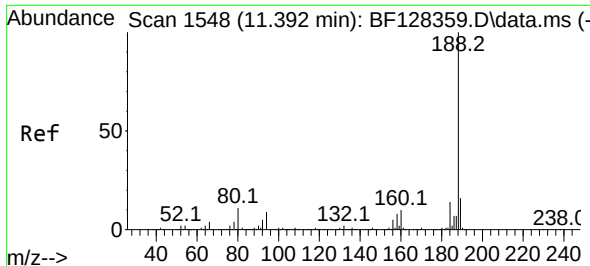
165 100

63 1.0 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#

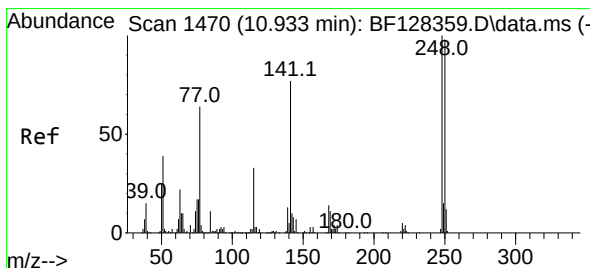
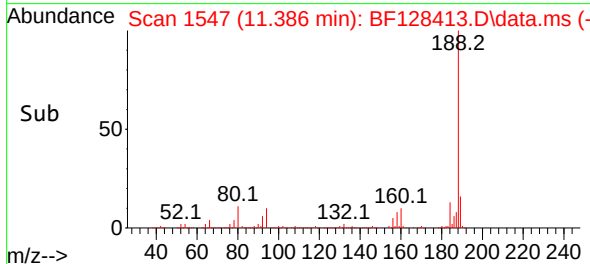
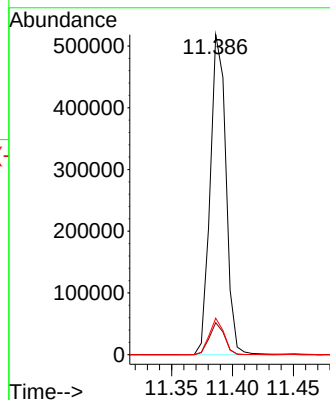
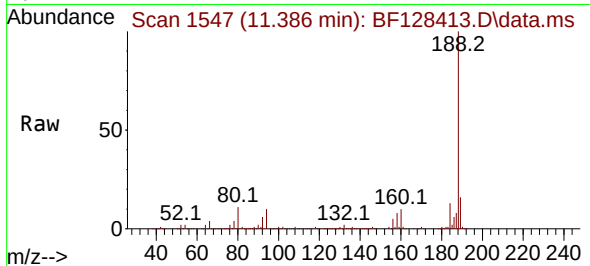




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

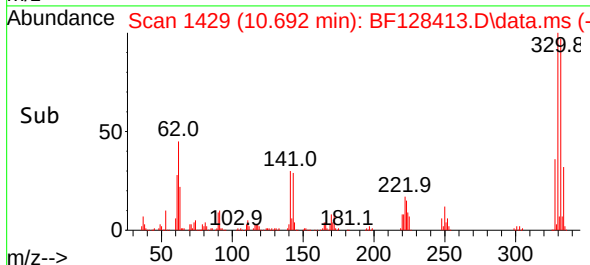
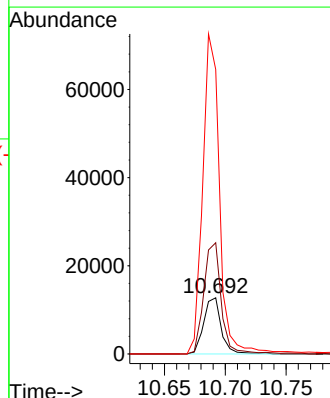
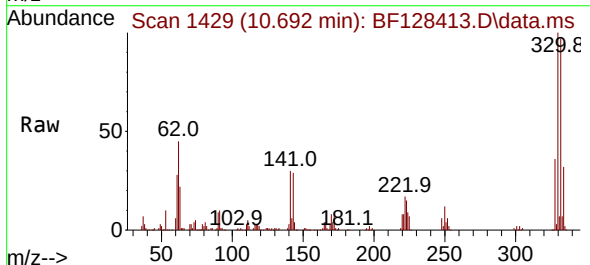
Instrument :
BNA_F
ClientSampleId :
RBR-057

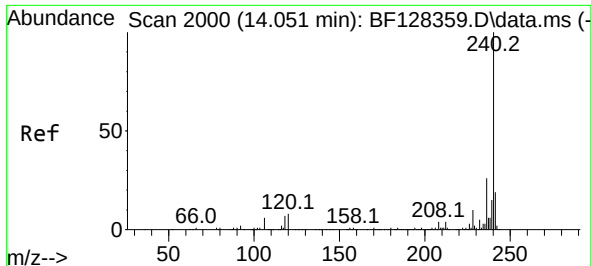
Tgt Ion:188 Resp: 465473
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 11.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.634 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

Tgt Ion:248 Resp: 12829
Ion Ratio Lower Upper
248 100
250 198.2 77.7 116.5#
141 506.9 65.6 98.4#

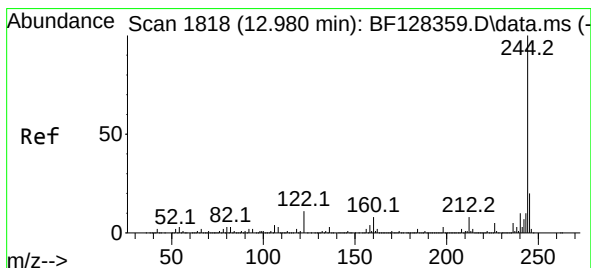
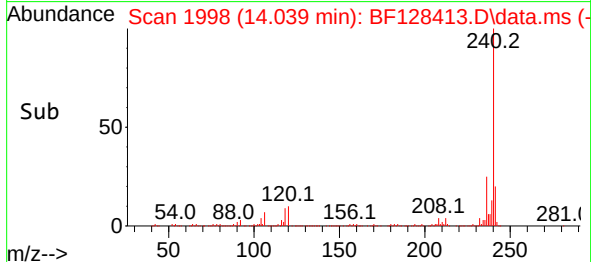
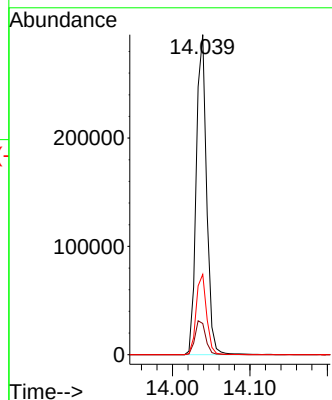
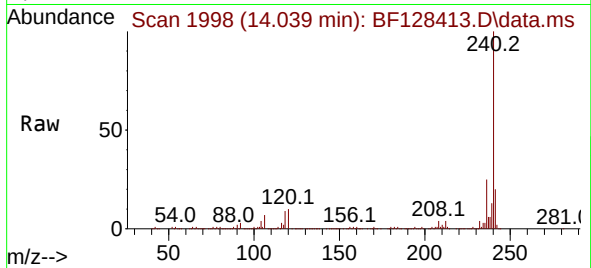




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

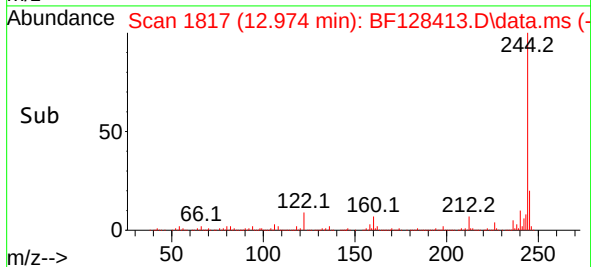
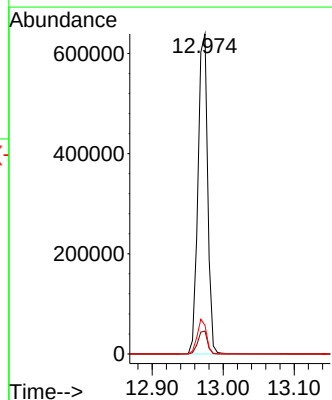
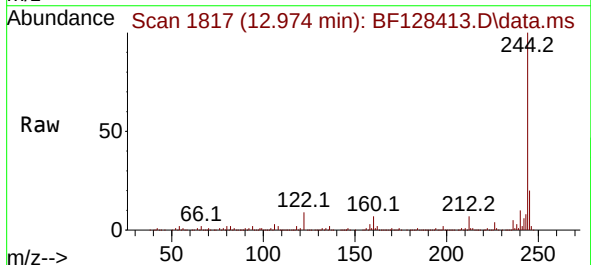
Instrument :
BNA_F
ClientSampleId :
RBR-057

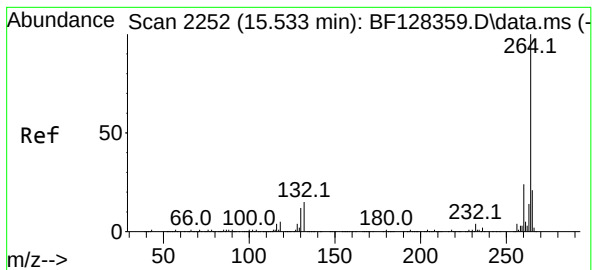
Tgt Ion:240 Resp: 274268
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.1 20.3 30.5



#79
Terphenyl-d14
Concen: 42.645 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF128413.D
Acq: 23 May 2022 21:39

Tgt Ion:244 Resp: 605883
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 8.9 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128413.D
 Acq: 23 May 2022 21:39

Instrument :
 BNA_F
 ClientSampleId :
 RBR-057

Tgt Ion:264 Resp: 250729
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 20.6 17.5 26.3

