

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129589.D
 Acq On : 05 Aug 2022 01:59
 Operator : CG\JU
 Sample : N3931-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-130

Quant Time: Aug 05 03:17:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

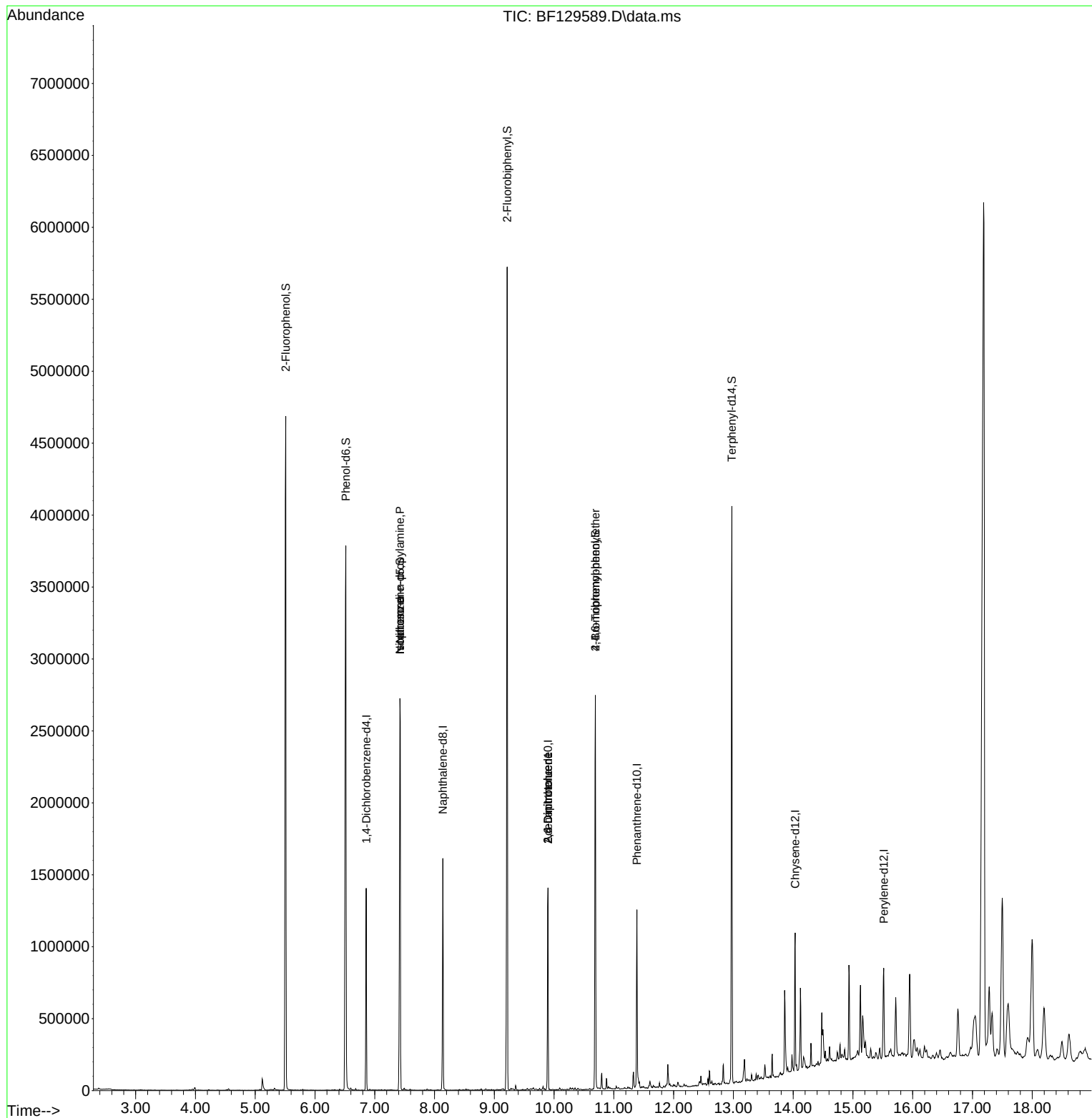
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	186872	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	670689	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	293038	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	401389	20.000	ng	0.00
76) Chrysene-d12	14.033	240	308577	20.000	ng	0.00
86) Perylene-d12	15.515	264	247972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1284929	112.010	ng	0.02
7) Phenol-d6	6.516	99	1603260	111.190	ng	0.00
23) Nitrobenzene-d5	7.422	82	1040689	84.704	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	306621	108.833	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1700796	89.785	ng	0.00
79) Terphenyl-d14	12.974	244	1320250	80.718	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	139916	16.029	ng	# 74
25) Isophorone	7.422	82	1031529	46.838	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	37291	8.236	ng	# 26
57) 2,4-Dinitrotoluene	9.898	165	37291	6.305	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	19000	4.323	ng	# 1

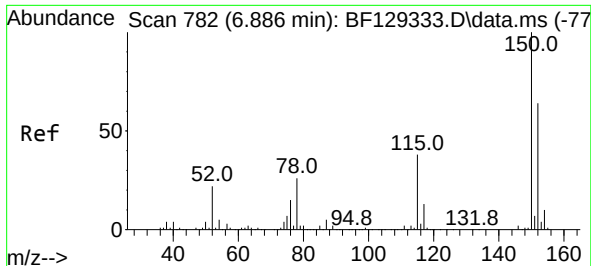
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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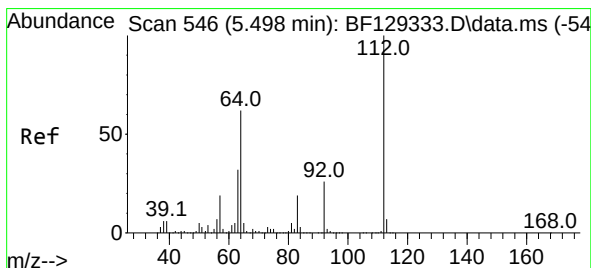
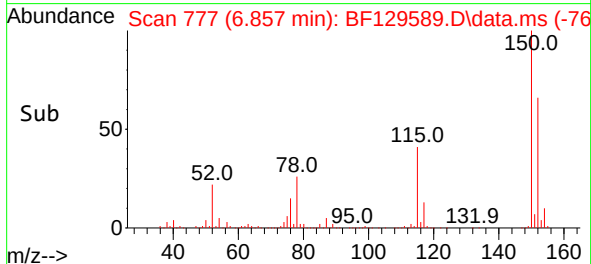
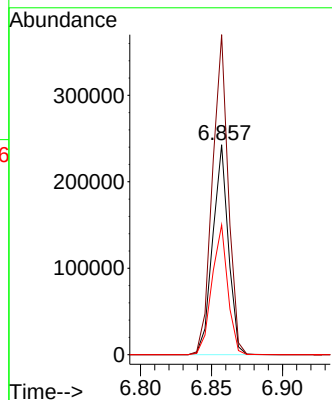
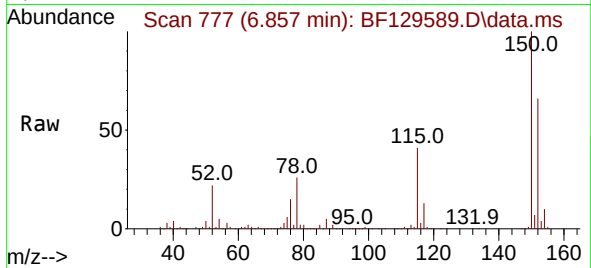




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129589.D
 Acq: 05 Aug 2022 01:59

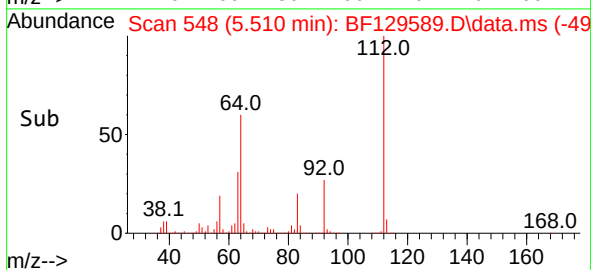
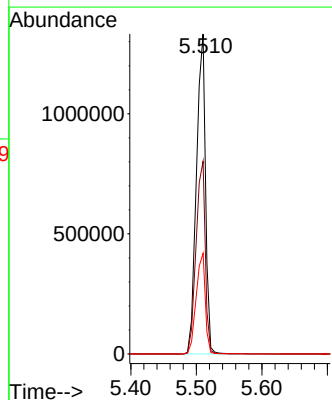
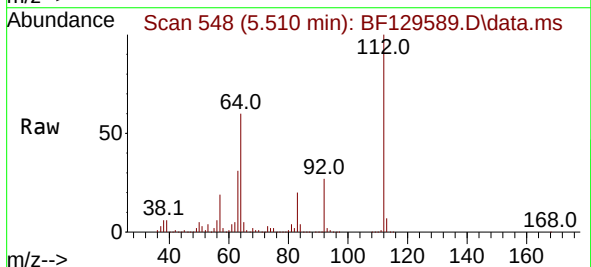
Instrument :
 BNA_F
 ClientSampleId :
 RVE-130

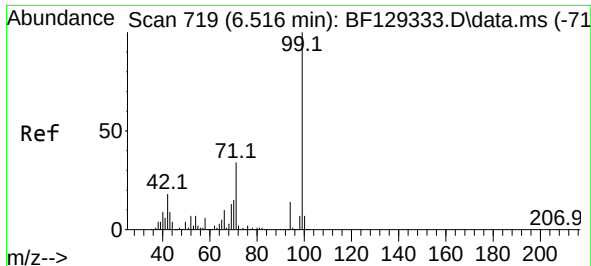
Tgt Ion:152 Resp: 186872
 Ion Ratio Lower Upper
 152 100
 150 152.4 123.7 185.5
 115 61.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 112.010 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.018 min
 Lab File: BF129589.D
 Acq: 05 Aug 2022 01:59

Tgt Ion:112 Resp: 1284929
 Ion Ratio Lower Upper
 112 100
 64 60.2 53.3 79.9
 63 31.4 28.0 42.0

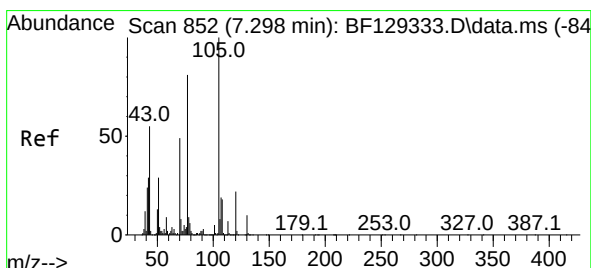
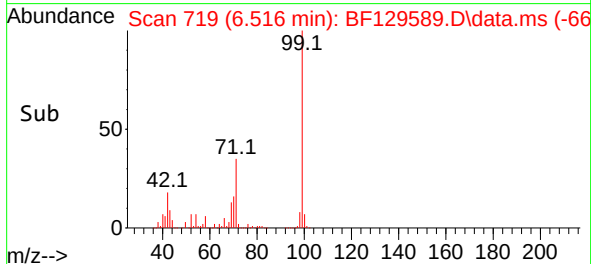
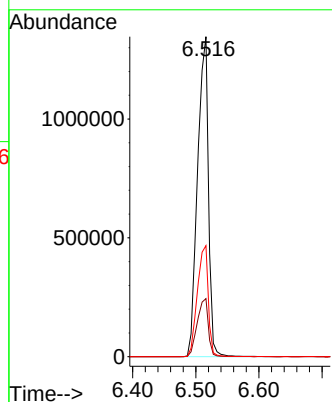
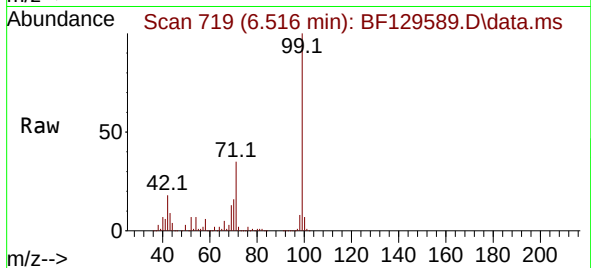




#7
Phenol-d6
Concen: 111.190 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

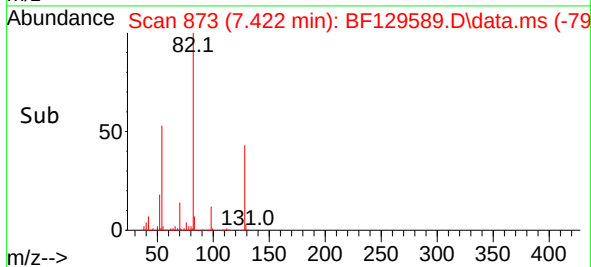
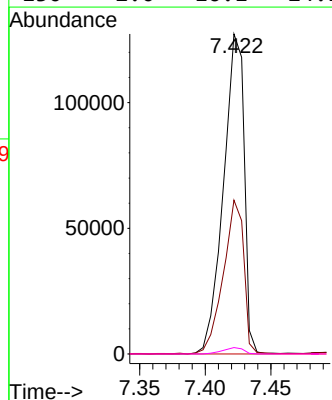
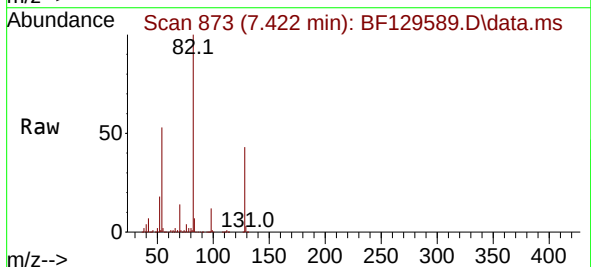
Instrument :
BNA_F
ClientSampleId :
RVE-130

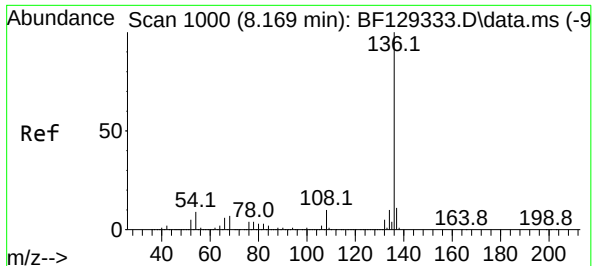
Tgt Ion: 99 Resp: 1603260
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 34.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.029 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

Tgt Ion: 70 Resp: 139916
Ion Ratio Lower Upper
70 100
42 48.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



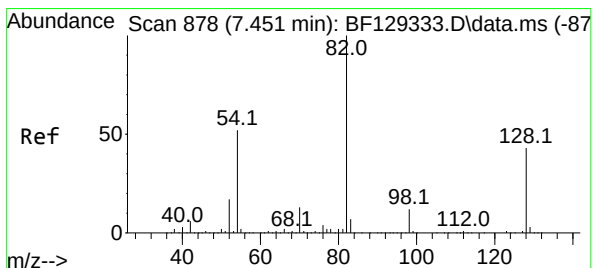
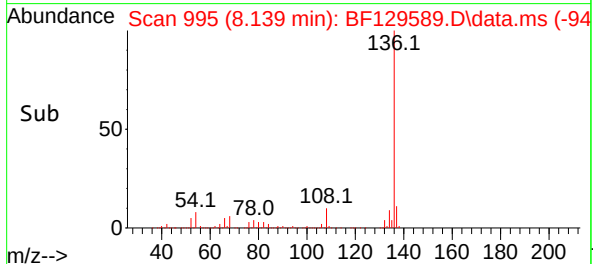
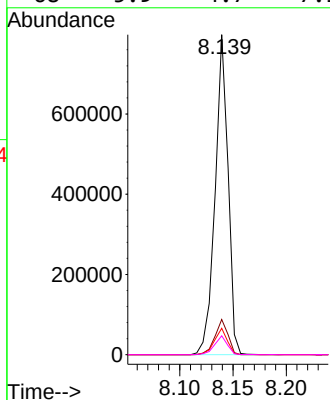
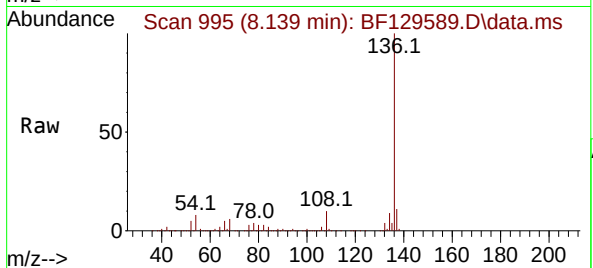


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

Instrument :
BNA_F
ClientSampleId :
RVE-130

Tgt Ion:136 Resp: 670689

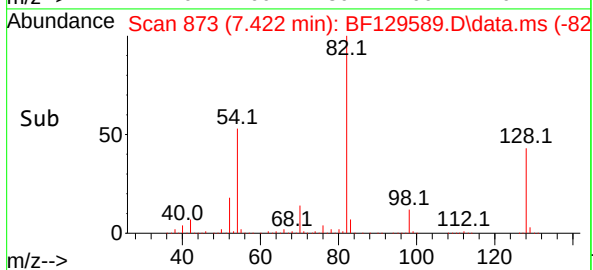
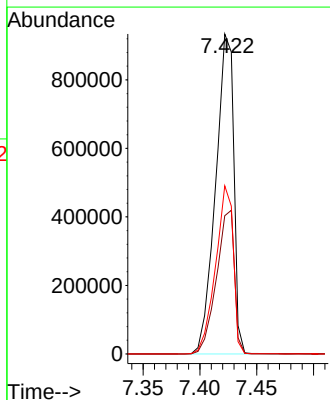
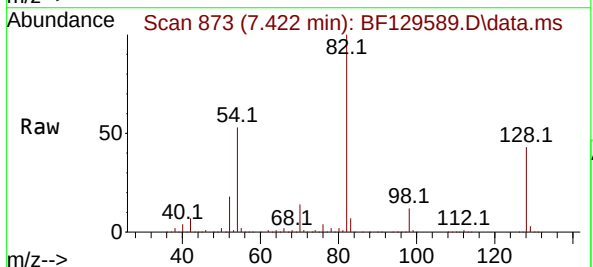
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	7.5	11.3
68	5.9	4.7	7.1

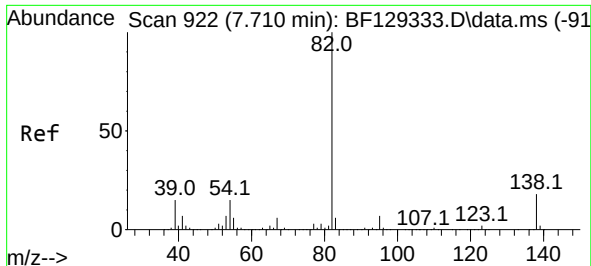


#23
Nitrobenzene-d5
Concen: 84.704 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

Tgt Ion: 82 Resp: 1040689

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	52.5	46.9	70.3

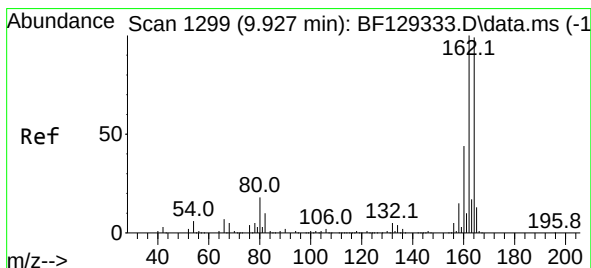
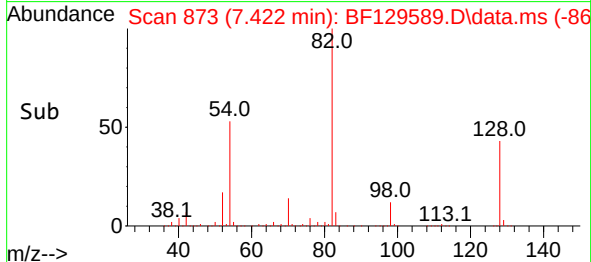
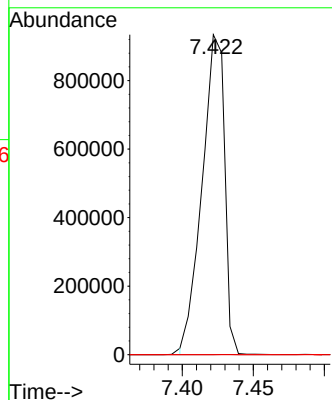
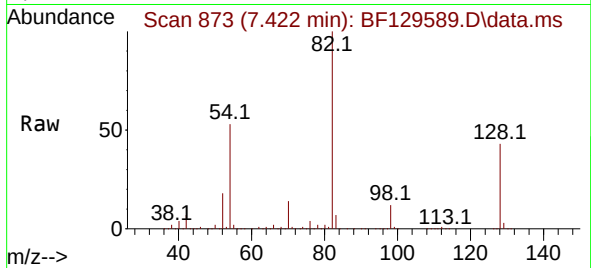




#25
Isophorone
Concen: 46.838 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

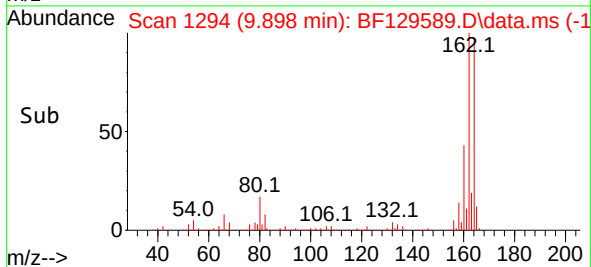
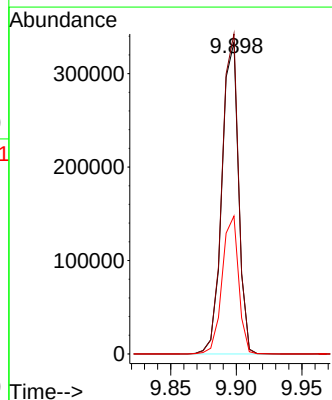
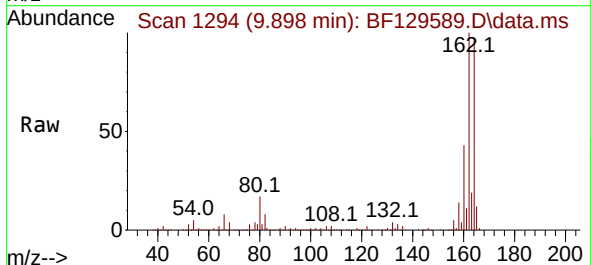
Instrument :
BNA_F
ClientSampleId :
RVE-130

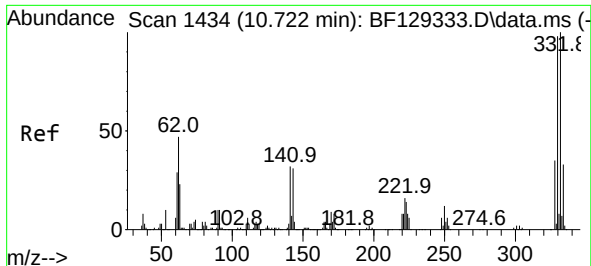
Tgt Ion: 82 Resp: 1031529
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

Tgt Ion:164 Resp: 293038
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 44.3 34.2 51.4

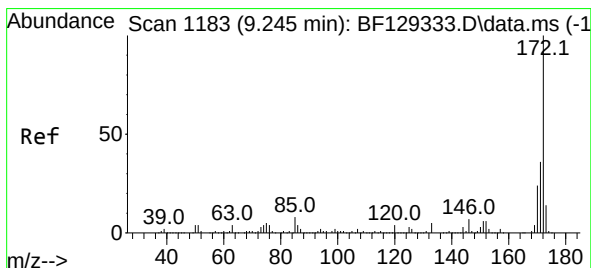
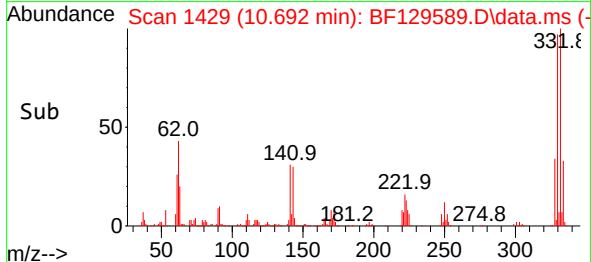
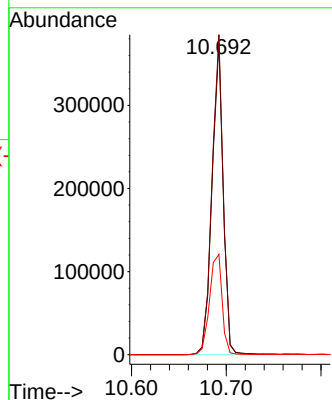
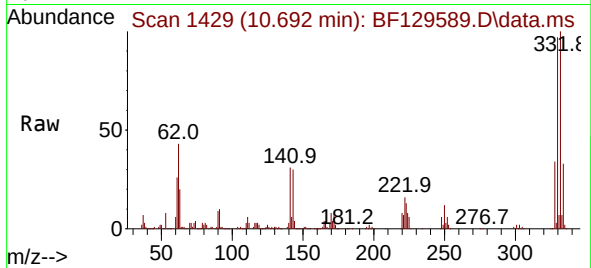




#42
2,4,6-Tribromophenol
Concen: 108.833 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

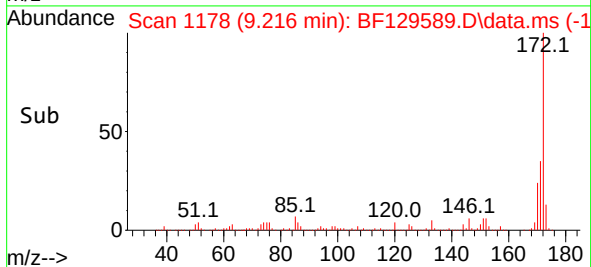
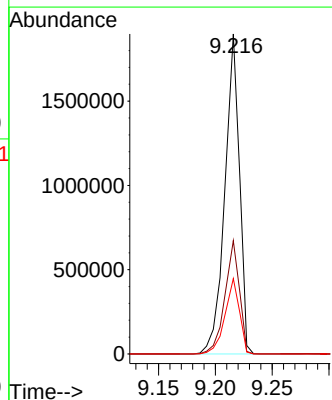
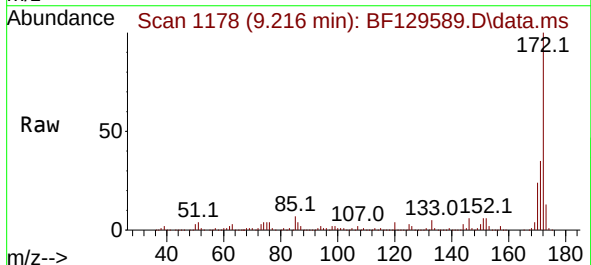
Instrument :
BNA_F
ClientSampleId :
RVE-130

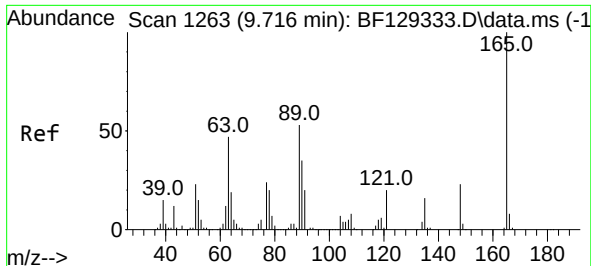
Tgt Ion:330 Resp: 306621
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 36.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 89.785 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

Tgt Ion:172 Resp: 1700796
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.236 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF129589.D

Acq: 05 Aug 2022 01:59

Instrument :

BNA_F

ClientSampleId :

RVE-130

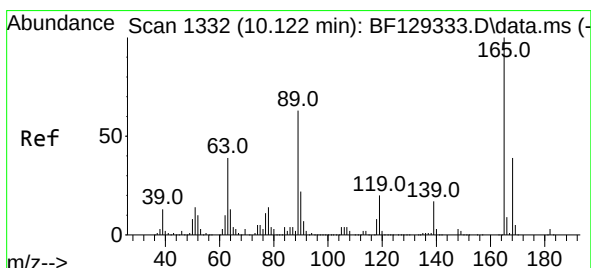
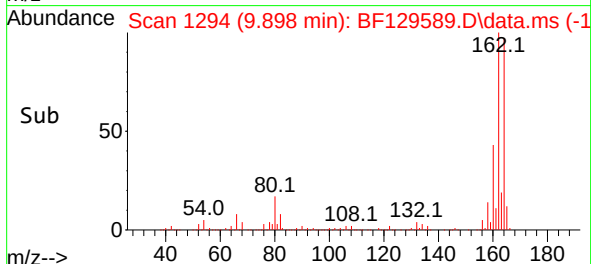
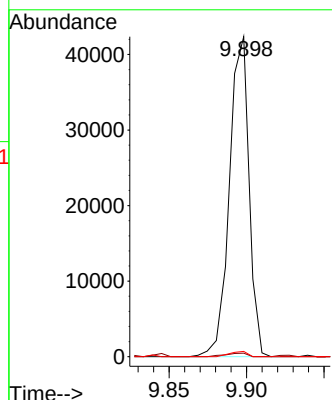
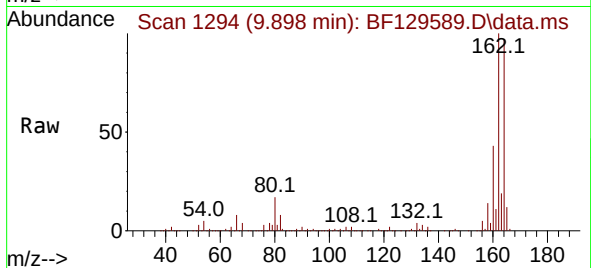
Tgt Ion:165 Resp: 37291

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.305 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.200 min

Lab File: BF129589.D

Acq: 05 Aug 2022 01:59

Tgt Ion:165 Resp: 37291

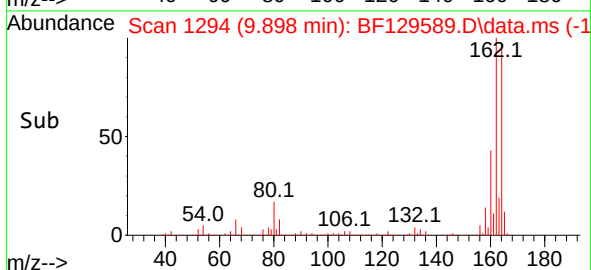
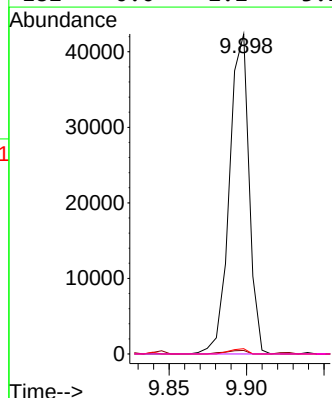
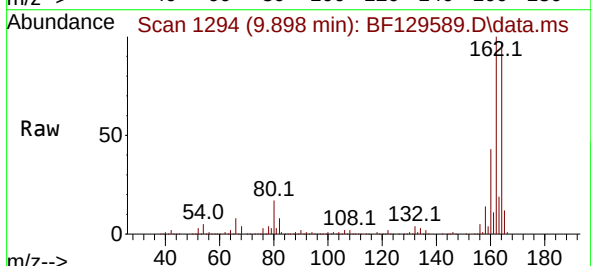
Ion Ratio Lower Upper

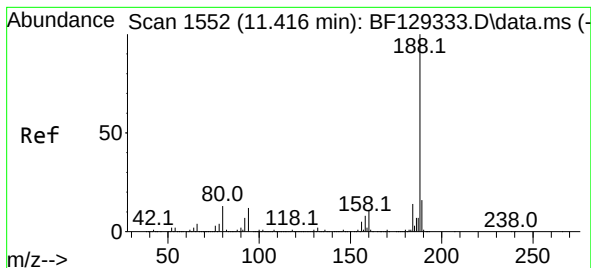
165 100

63 1.1 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129589.D

Acq: 05 Aug 2022 01:59

Instrument :

BNA_F

ClientSampleId :

RVE-130

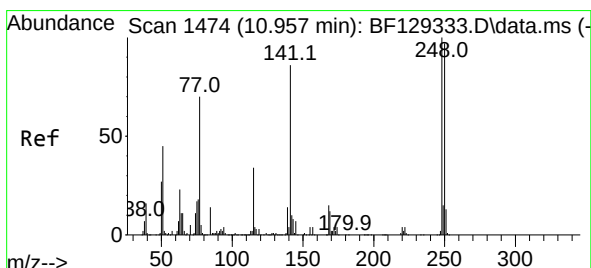
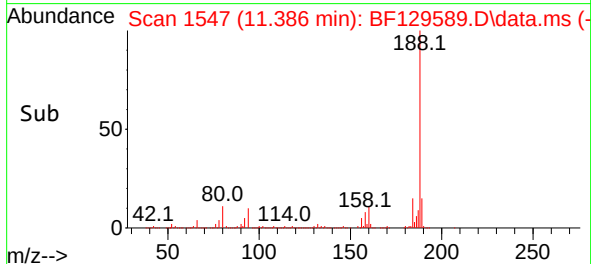
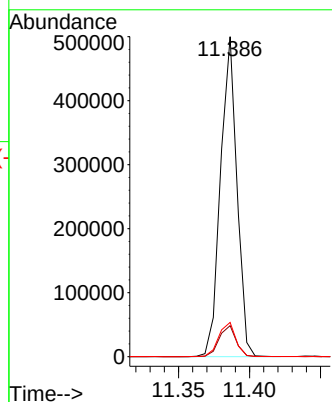
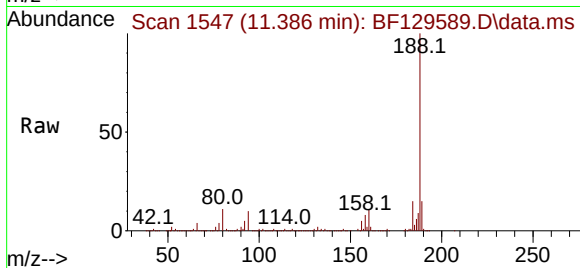
Tgt Ion:188 Resp: 401389

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.7 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.323 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF129589.D

Acq: 05 Aug 2022 01:59

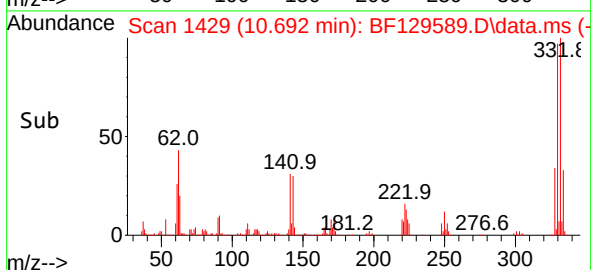
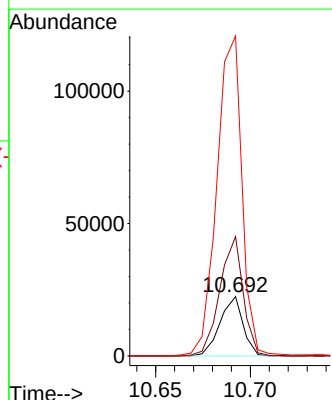
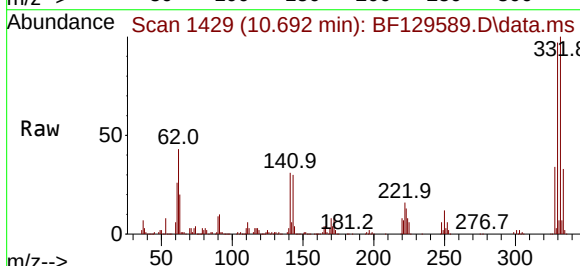
Tgt Ion:248 Resp: 19000

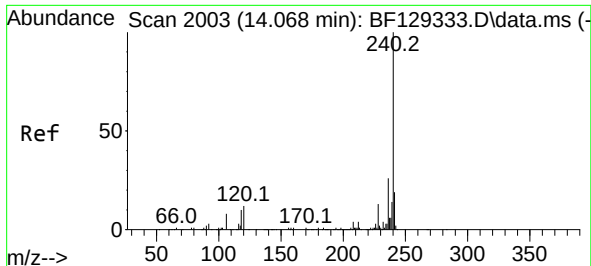
Ion Ratio Lower Upper

248 100

250 200.9 80.6 120.8#

141 538.4 58.9 88.3#

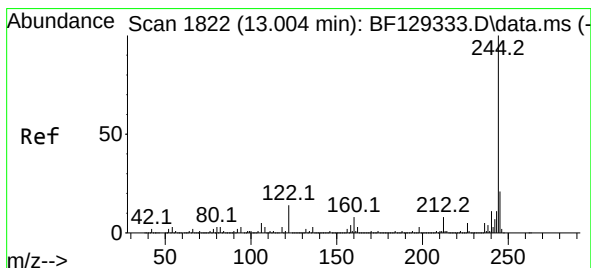
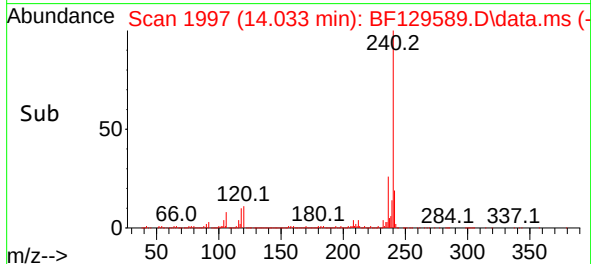
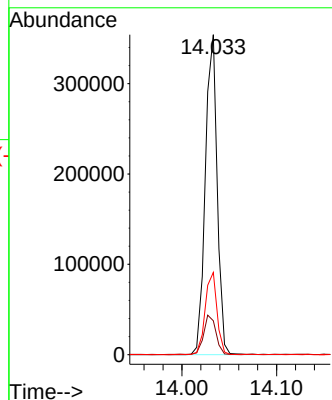
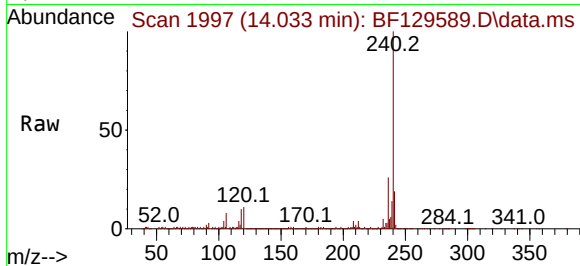




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

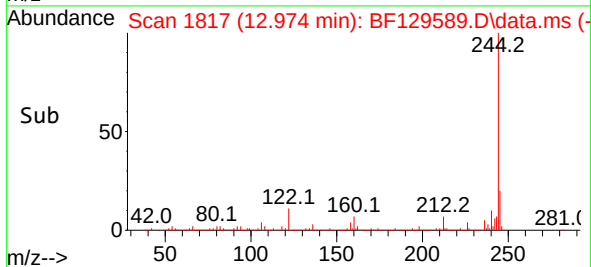
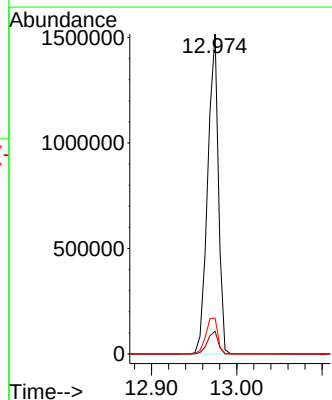
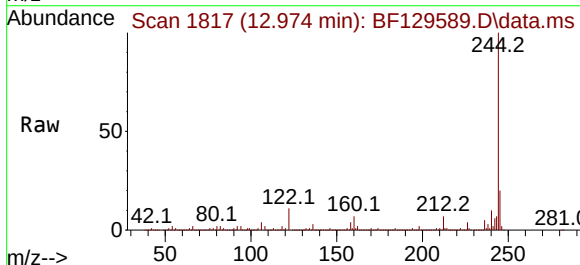
Instrument :
BNA_F
ClientSampleId :
RVE-130

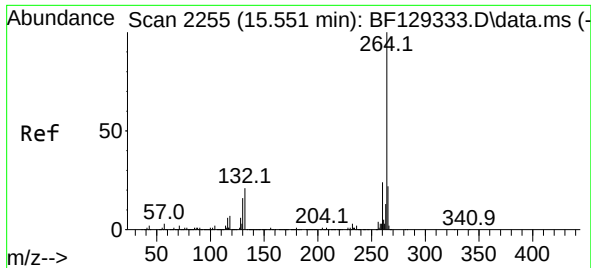
Tgt Ion:240 Resp: 308577
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 80.718 ng
RT: 12.974 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF129589.D
Acq: 05 Aug 2022 01:59

Tgt Ion:244 Resp: 1320250
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 11.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129589.D
 Acq: 05 Aug 2022 01:59

Instrument :
 BNA_F
 ClientSampleId :
 RVE-130

Tgt Ion:264 Resp: 247972
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.5 17.2 25.8

