

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129505.D
 Acq On : 02 Aug 2022 13:36
 Operator : CG\JU
 Sample : N3927-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-79

Quant Time: Aug 02 17:37:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

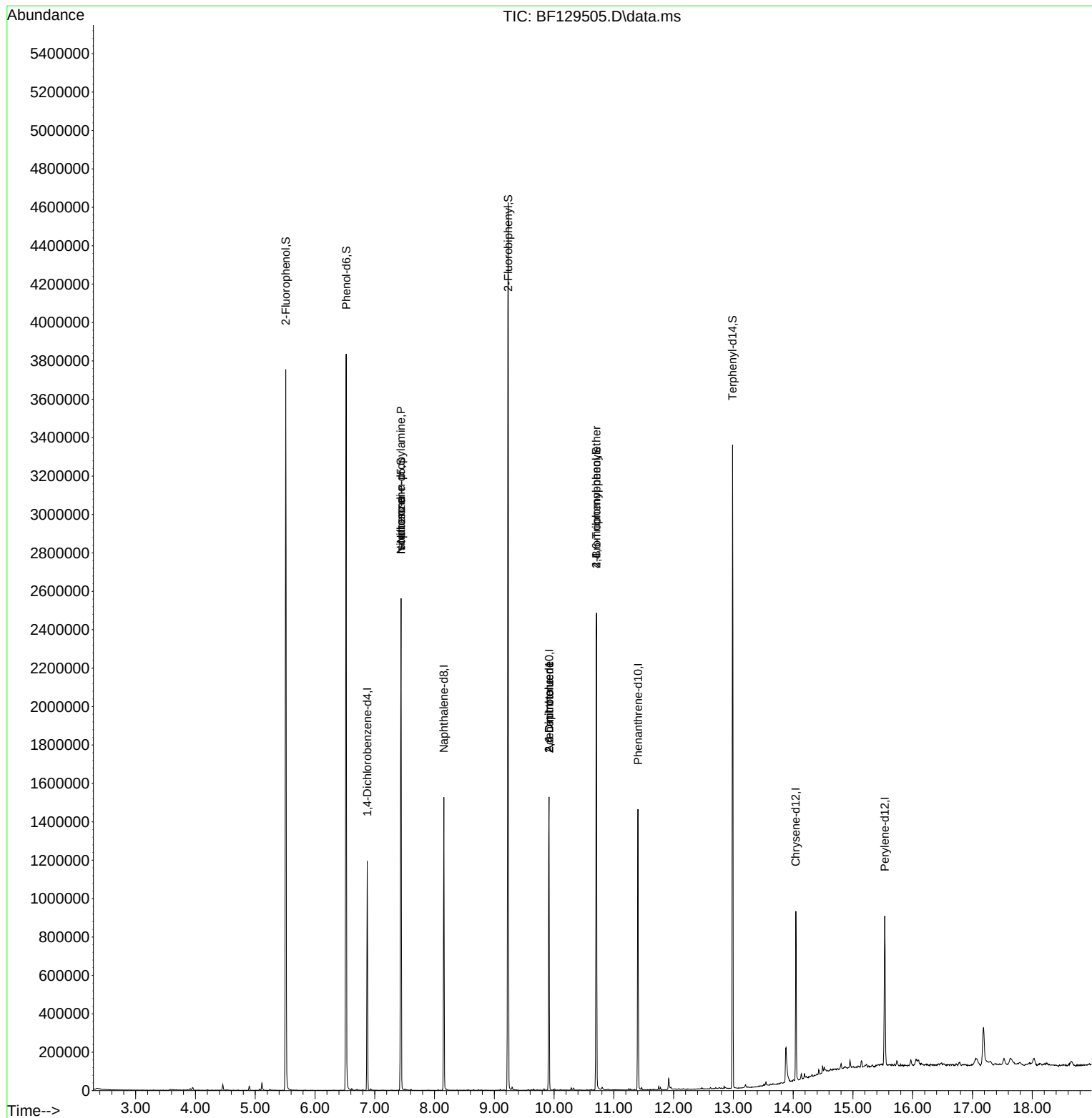
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	152165	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	606201	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	309581	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	468113	20.000	ng	0.00
76) Chrysene-d12	14.045	240	274438	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	337532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	984458	105.391	ng	0.00
7) Phenol-d6	6.522	99	1213832	103.383	ng	0.00
23) Nitrobenzene-d5	7.439	82	774754	69.767	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	292366	98.228	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1390176	69.466	ng	0.00
79) Terphenyl-d14	12.986	244	1072478	73.726	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	101716	14.310	ng	# 74
25) Isophorone	7.439	82	774747	38.921	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	40027	8.368	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	40027	6.406	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	18149	3.541	ng	# 1

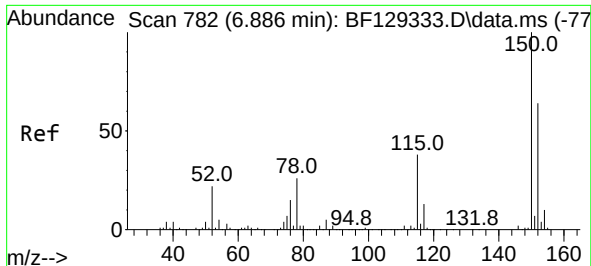
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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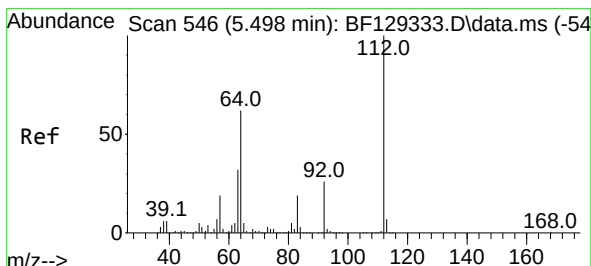
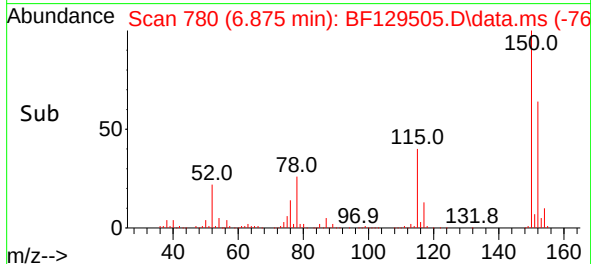
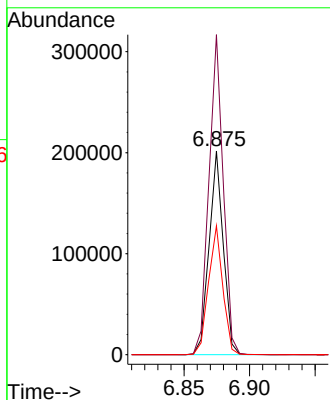
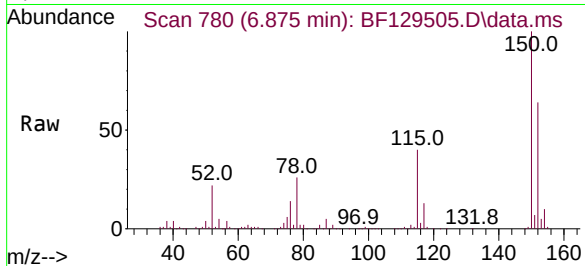




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

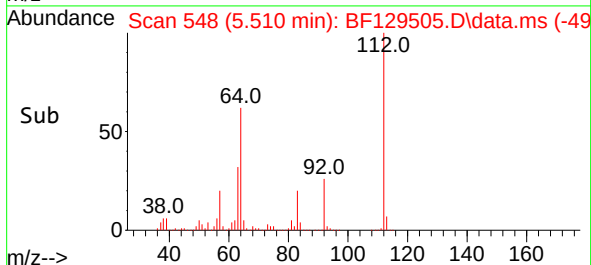
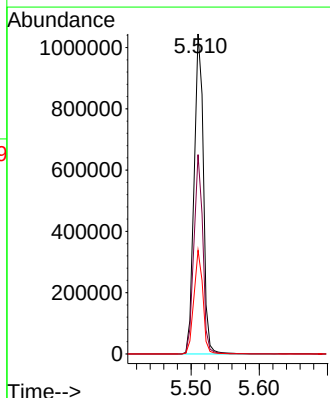
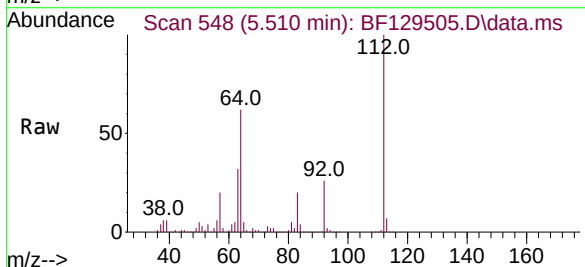
Instrument :
BNA_F
ClientSampleId :
RVE-79

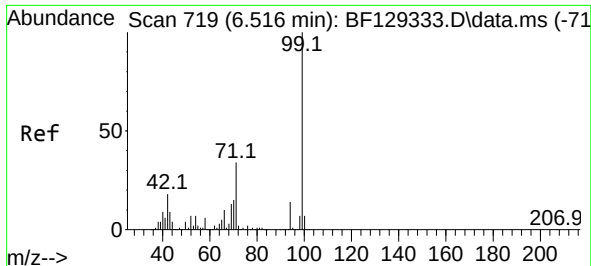
Tgt Ion:152 Resp: 152165
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 63.3 49.9 74.9



#5
2-Fluorophenol
Concen: 105.391 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

Tgt Ion:112 Resp: 984458
Ion Ratio Lower Upper
112 100
64 62.3 53.3 79.9
63 32.4 28.0 42.0

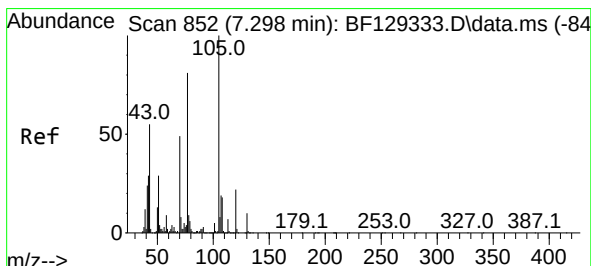
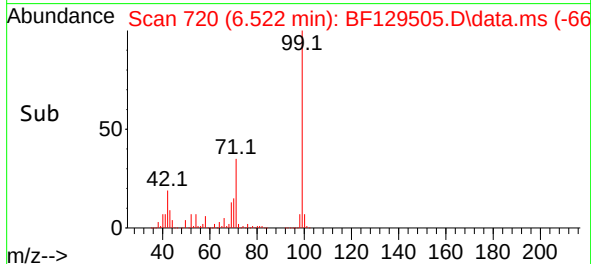
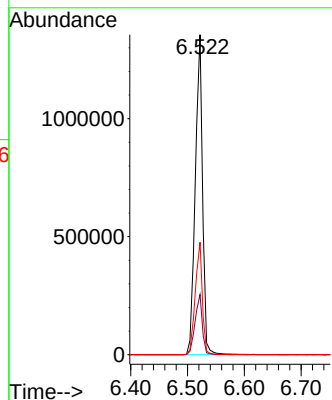
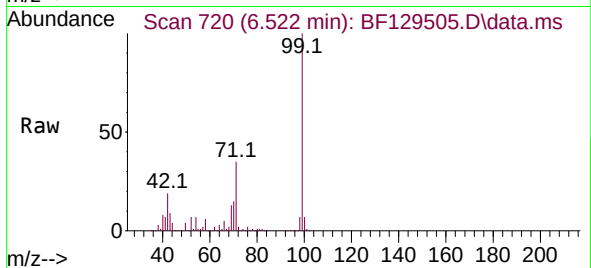




#7
Phenol-d6
Concen: 103.383 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

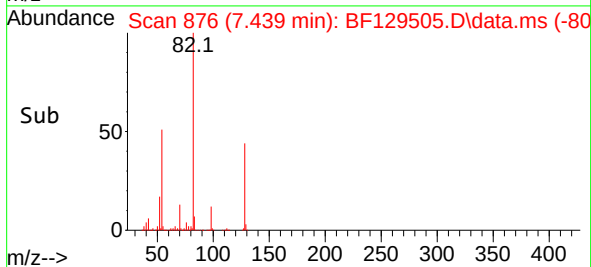
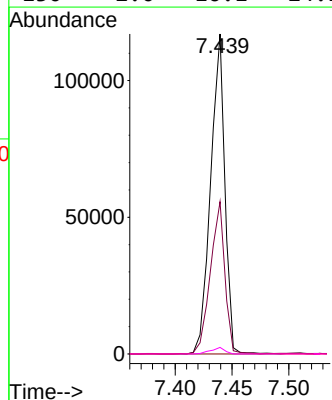
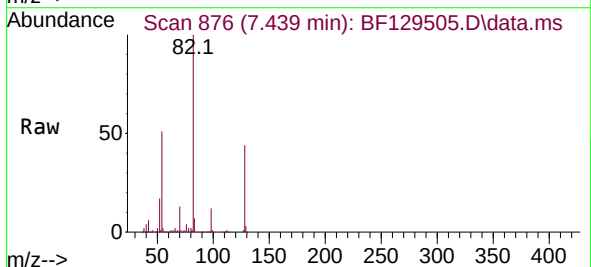
Instrument :
BNA_F
ClientSampleId :
RVE-79

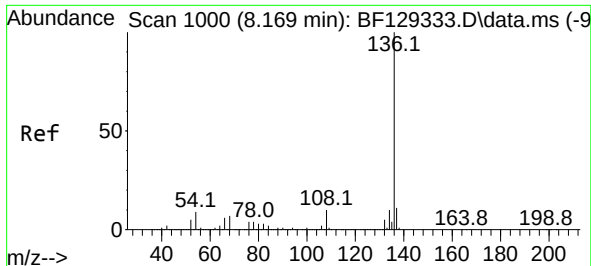
Tgt Ion: 99 Resp: 1213832
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 35.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.310 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

Tgt Ion: 70 Resp: 101716
Ion Ratio Lower Upper
70 100
42 47.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



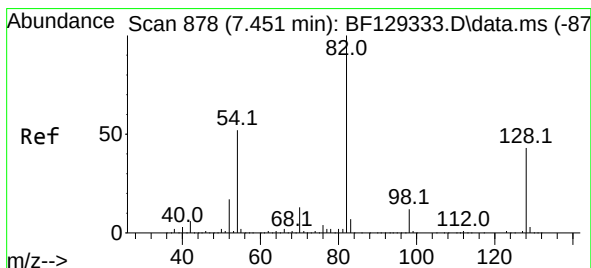
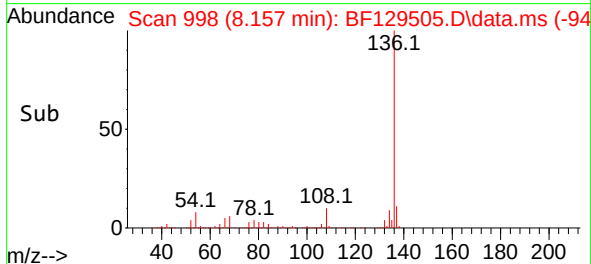
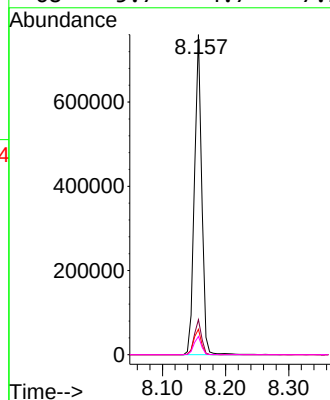
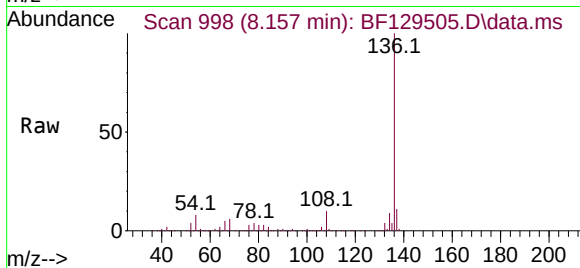


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

Instrument :
BNA_F
ClientSampleId :
RVE-79

Tgt Ion:136 Resp: 606201

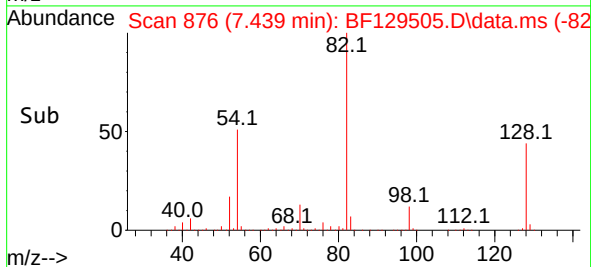
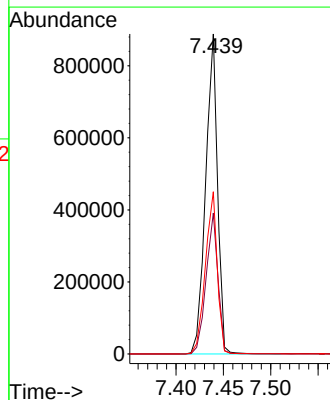
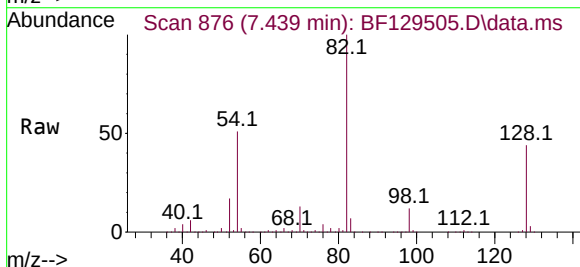
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	7.5	11.3
68	5.7	4.7	7.1

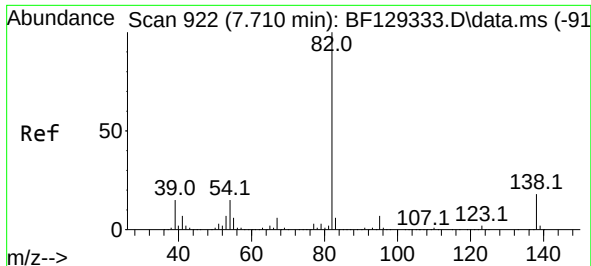


#23
Nitrobenzene-d5
Concen: 69.767 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

Tgt Ion: 82 Resp: 774754

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	50.7	46.9	70.3

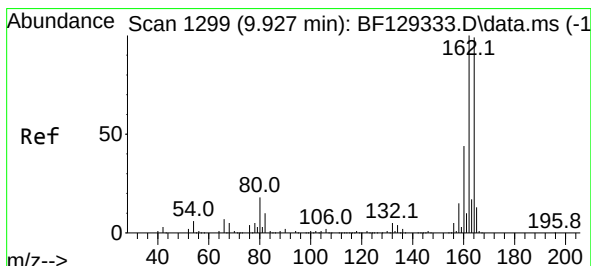
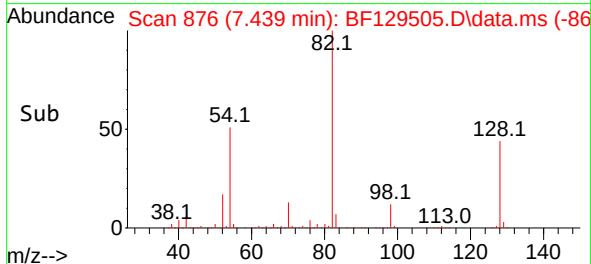
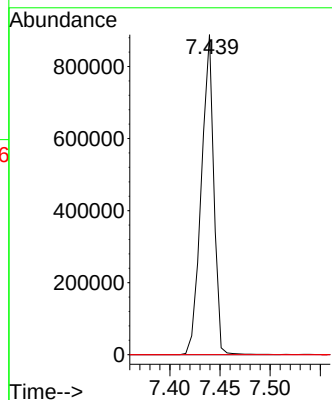
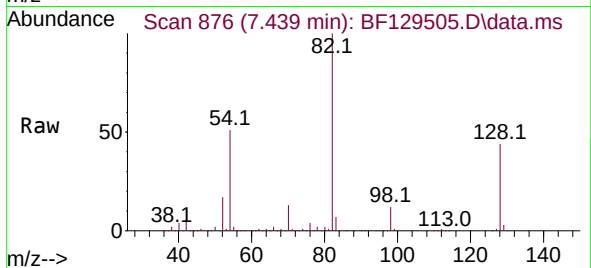




#25
Isophorone
Concen: 38.921 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

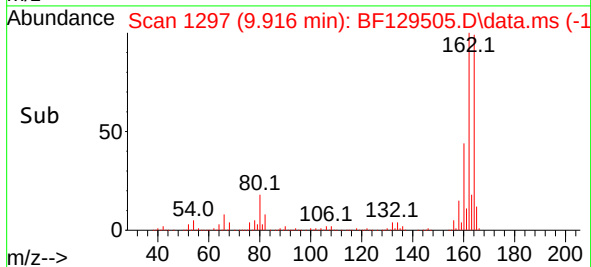
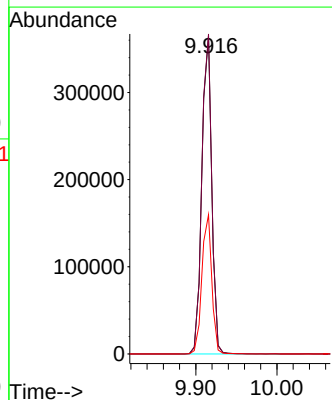
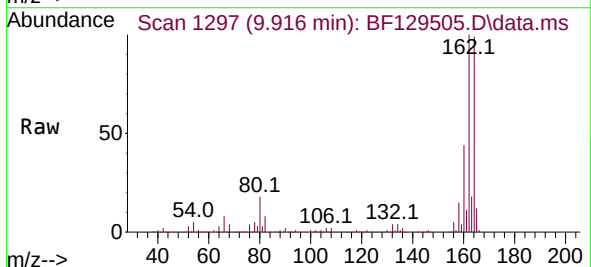
Instrument :
BNA_F
ClientSampleId :
RVE-79

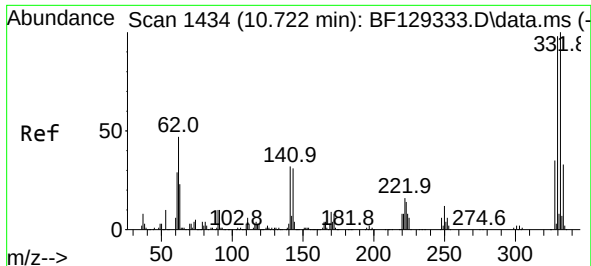
Tgt Ion: 82 Resp: 774747
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

Tgt Ion:164 Resp: 309581
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.228 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129505.D

Acq: 02 Aug 2022 13:36

Instrument :

BNA_F

ClientSampleId :

RVE-79

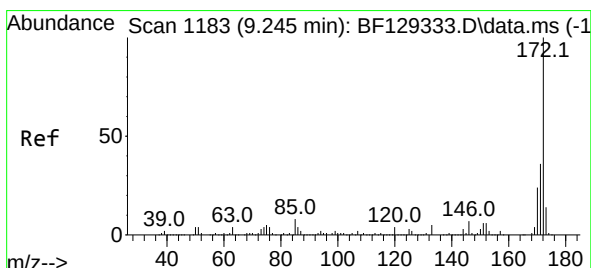
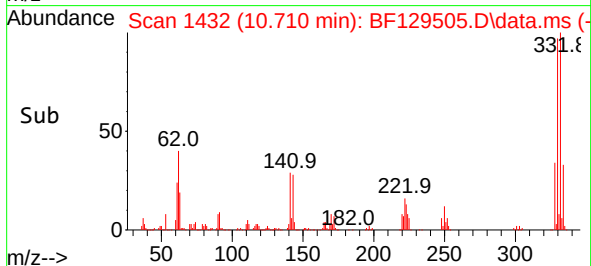
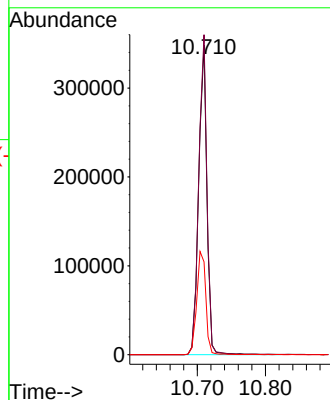
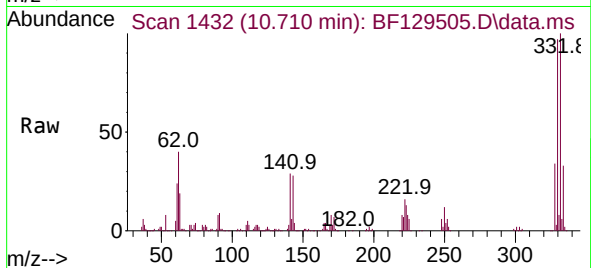
Tgt Ion:330 Resp: 292366

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 36.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 69.466 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129505.D

Acq: 02 Aug 2022 13:36

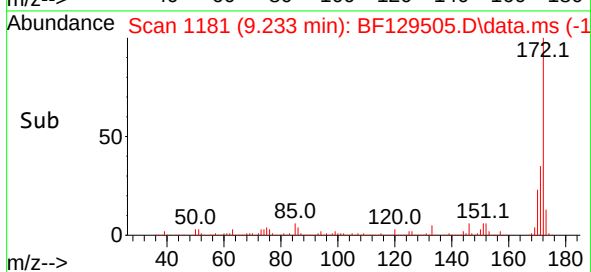
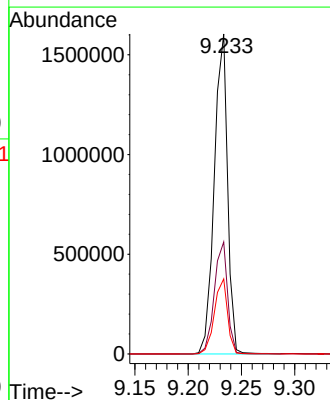
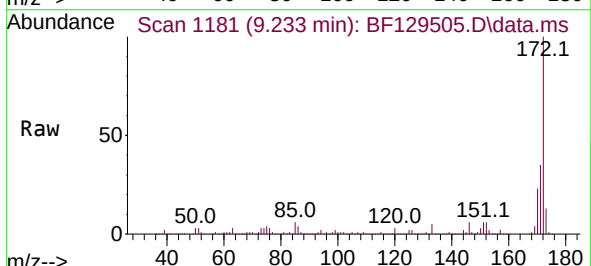
Tgt Ion:172 Resp: 1390176

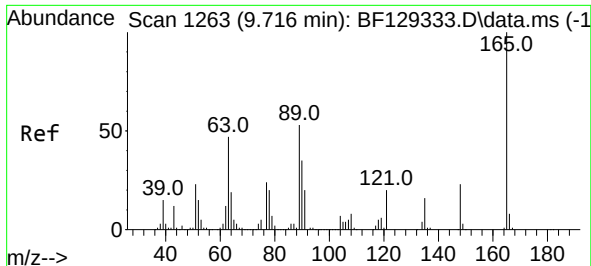
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.368 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129505.D

Acq: 02 Aug 2022 13:36

Instrument :

BNA_F

ClientSampleId :

RVE-79

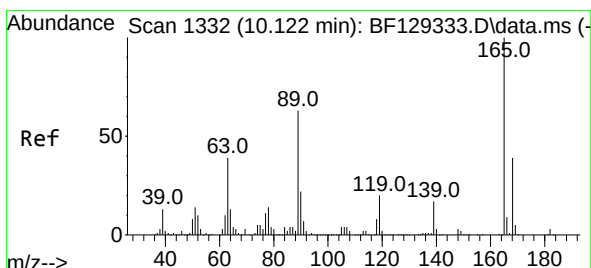
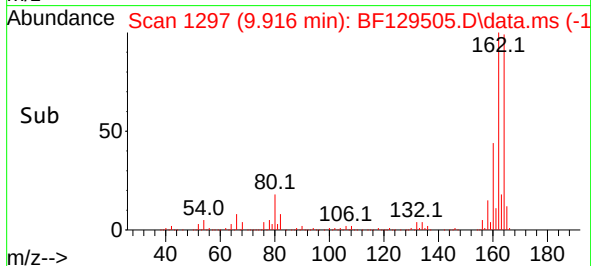
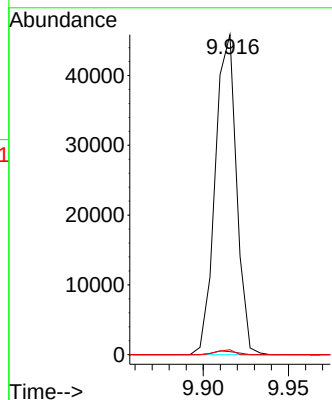
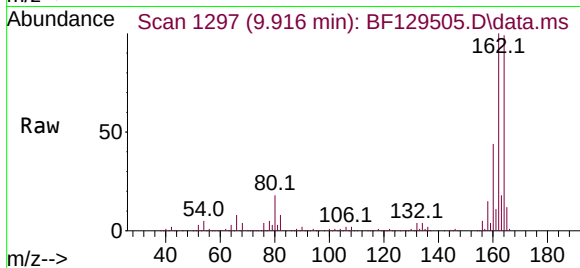
Tgt Ion:165 Resp: 40027

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.406 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129505.D

Acq: 02 Aug 2022 13:36

Tgt Ion:165 Resp: 40027

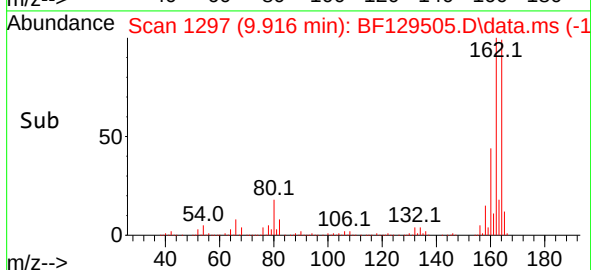
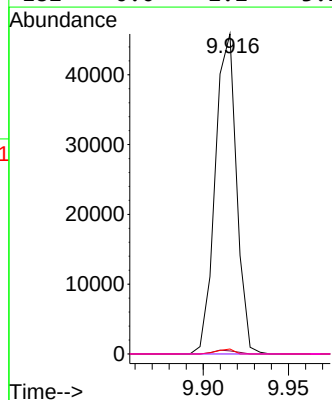
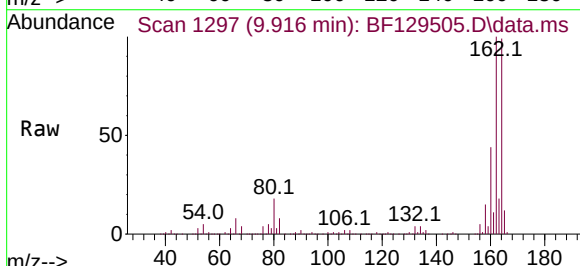
Ion Ratio Lower Upper

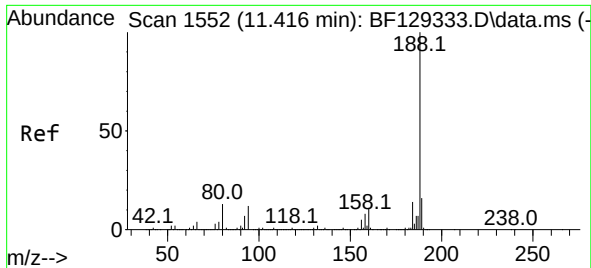
165 100

63 1.0 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

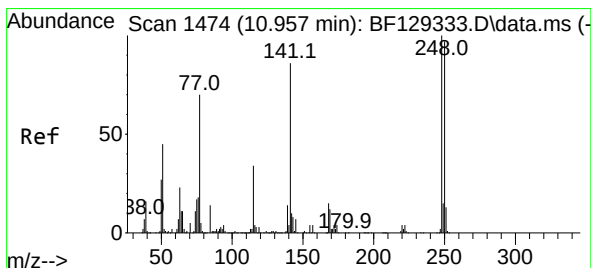
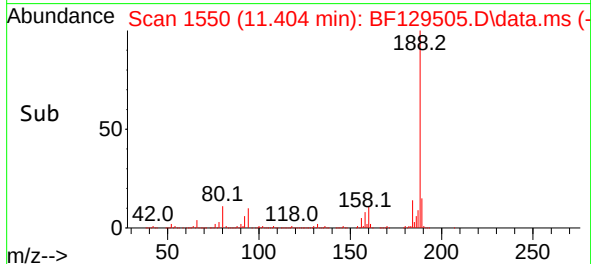
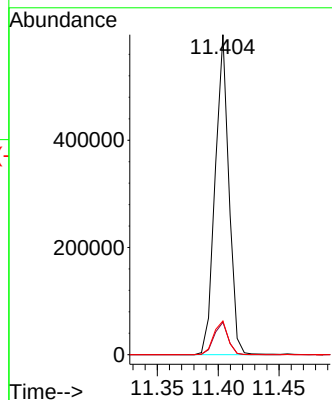
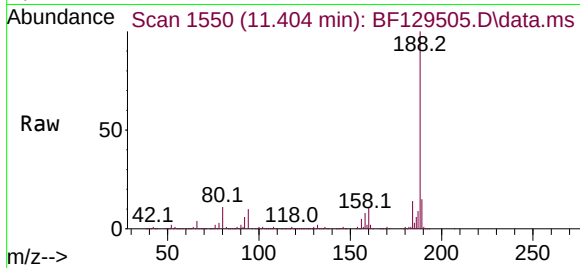




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

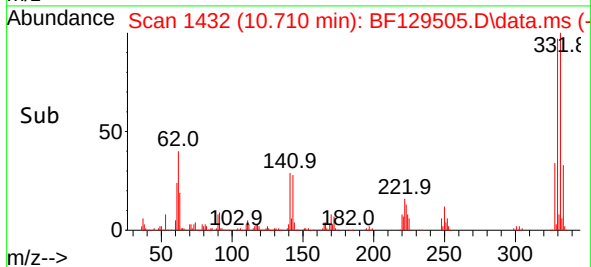
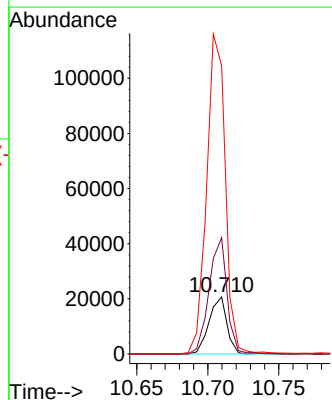
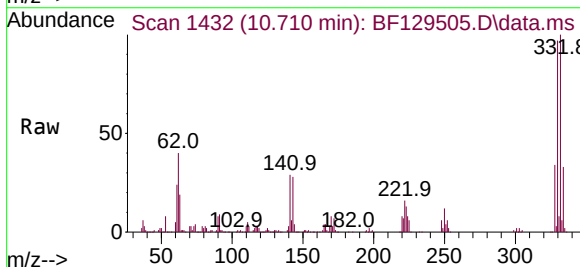
Instrument :
BNA_F
ClientSampleId :
RVE-79

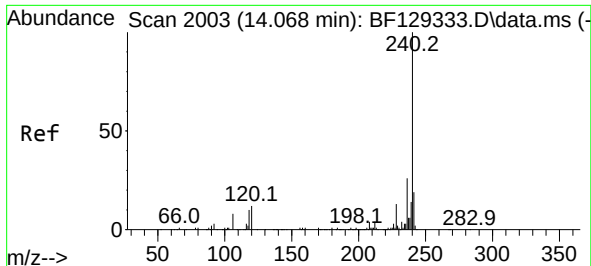
Tgt Ion:188 Resp: 468113
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.541 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.235 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

Tgt Ion:248 Resp: 18149
Ion Ratio Lower Upper
248 100
250 204.4 80.6 120.8#
141 506.4 58.9 88.3#

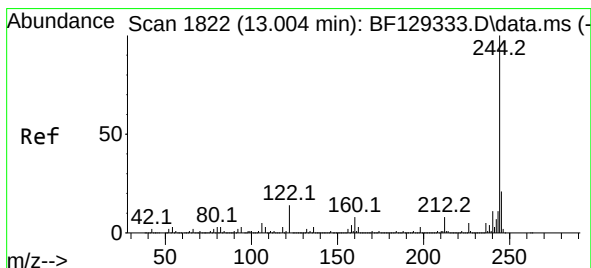
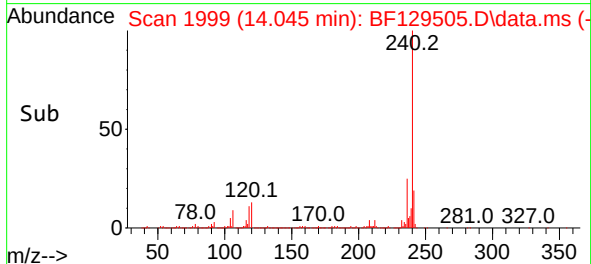
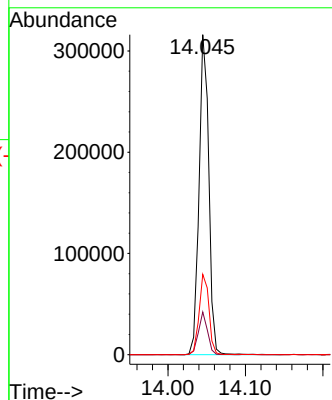
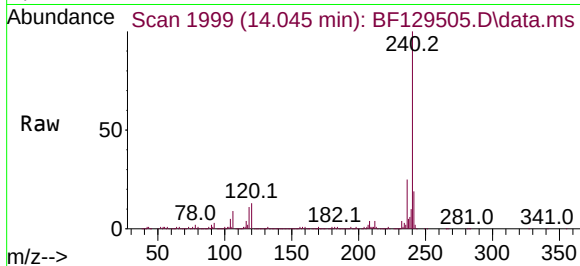




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

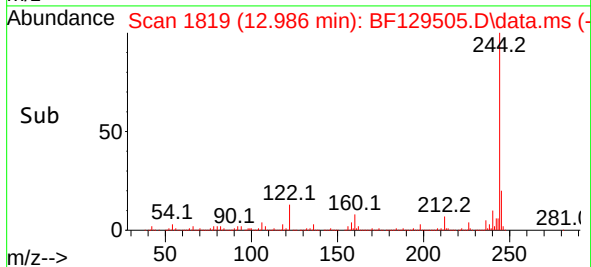
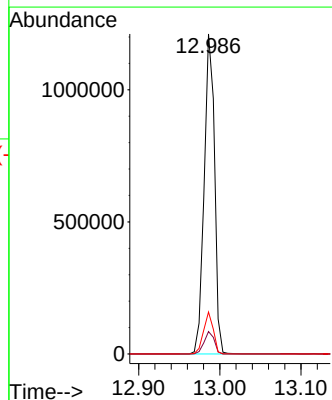
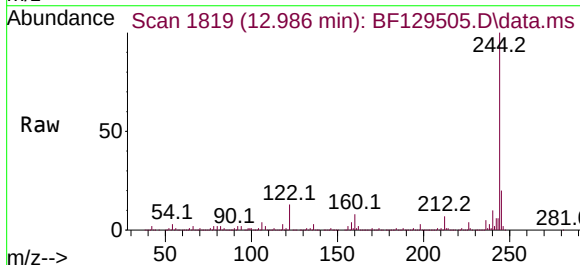
Instrument :
BNA_F
ClientSampleId :
RVE-79

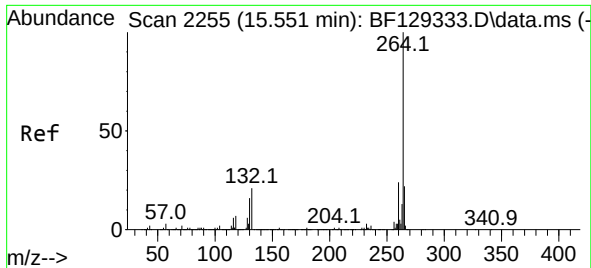
Tgt Ion:240 Resp: 274438
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 73.726 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF129505.D
Acq: 02 Aug 2022 13:36

Tgt Ion:244 Resp: 1072478
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 13.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129505.D
 Acq: 02 Aug 2022 13:36

Instrument :
 BNA_F
 ClientSampleId :
 RVE-79

Tgt Ion:264 Resp: 337532
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.8 17.2 25.8

