

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129585.D
 Acq On : 04 Aug 2022 23:46
 Operator : CG\JU
 Sample : N3931-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-126

Quant Time: Aug 05 02:10:40 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)

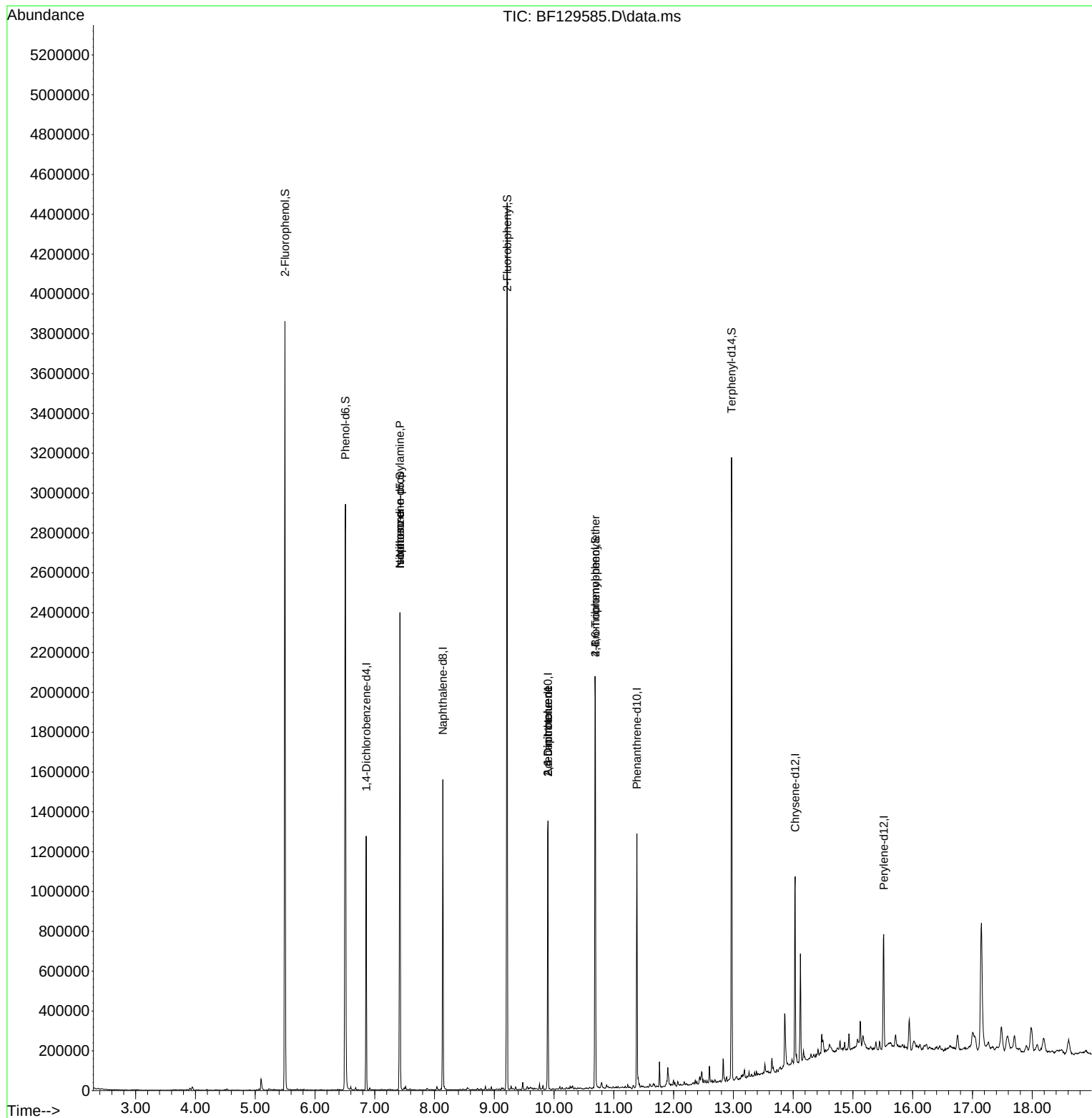
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	167513	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	615661	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	280773	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	403931	20.000	ng	0.00
76) Chrysene-d12	14.033	240	309359	20.000	ng	0.00
86) Perylene-d12	15.515	264	251398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	972752	94.596	ng	0.00
7) Phenol-d6	6.510	99	1232851	95.382	ng	0.00
23) Nitrobenzene-d5	7.422	82	769716	68.248	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	244685	90.643	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1285499	70.826	ng	0.00
79) Terphenyl-d14	12.969	244	1046344	63.810	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	100925	12.898	ng	# 75
25) Isophorone	7.422	82	765681	37.875	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	36778	8.478	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	36778	6.490	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	15582	3.523	ng	# 1

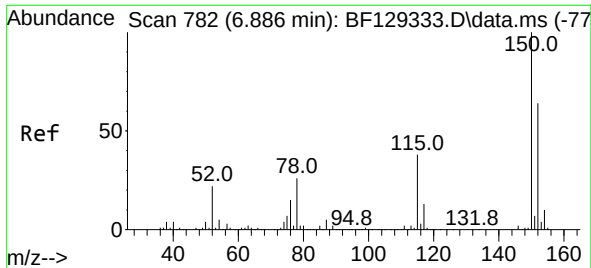
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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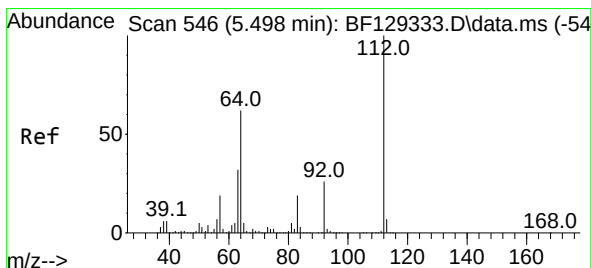
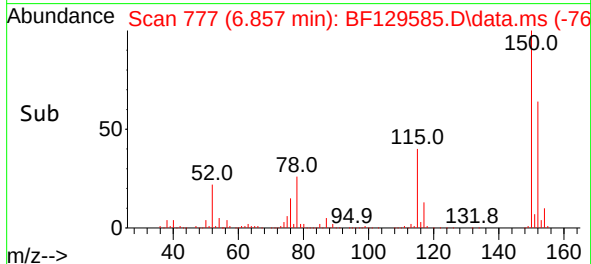
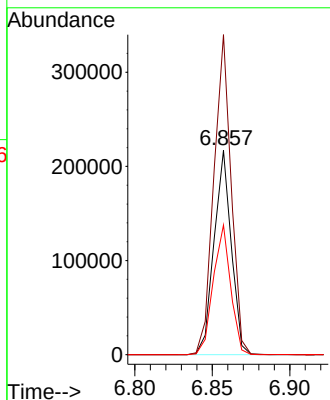
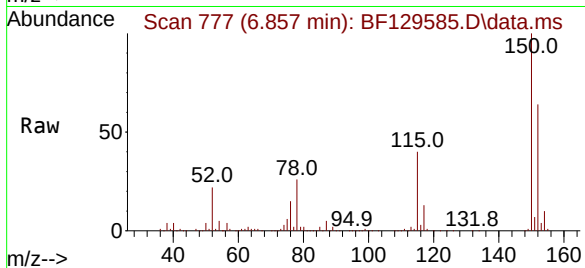




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

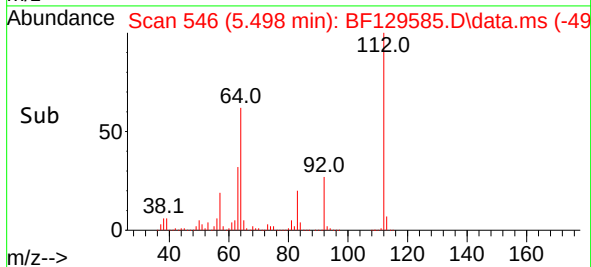
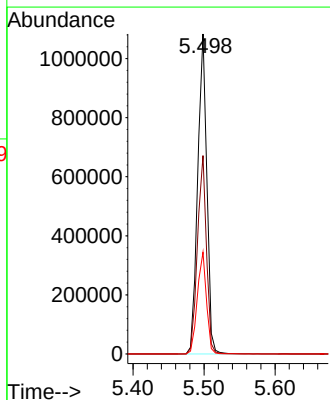
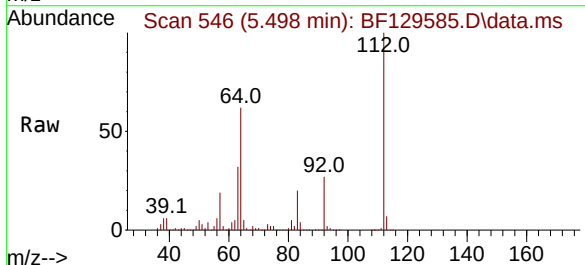
Instrument :
BNA_F
ClientSampleId :
RVE-126

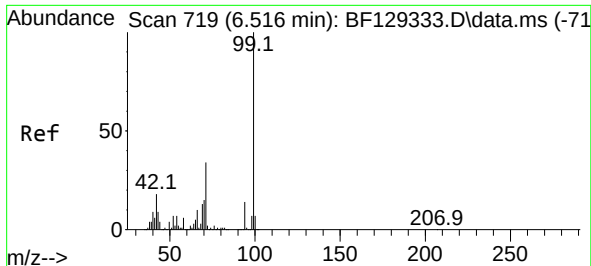
Tgt Ion:152 Resp: 167513
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 94.596 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

Tgt Ion:112 Resp: 972752
Ion Ratio Lower Upper
112 100
64 62.0 53.3 79.9
63 31.8 28.0 42.0

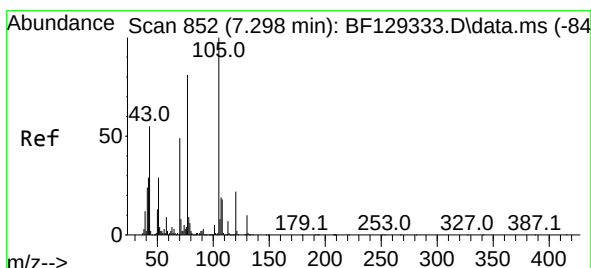
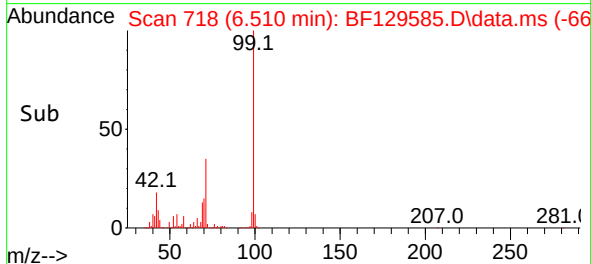
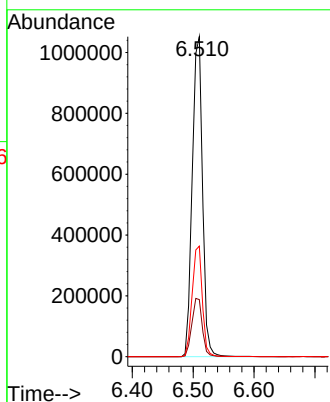
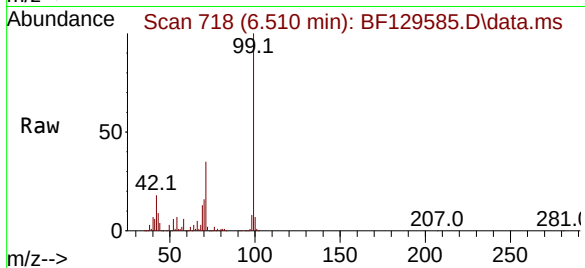




#7
Phenol-d6
Concen: 95.382 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

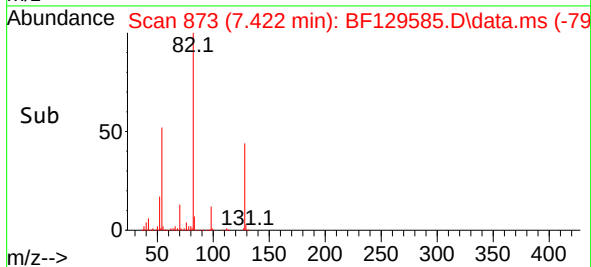
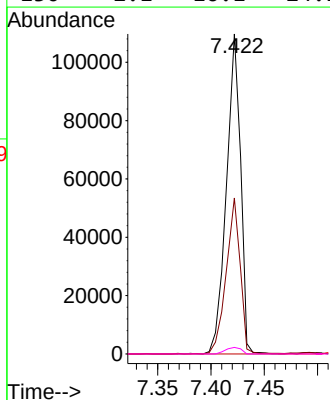
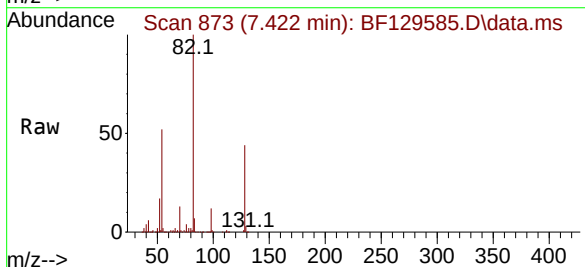
Instrument :
BNA_F
ClientSampleId :
RVE-126

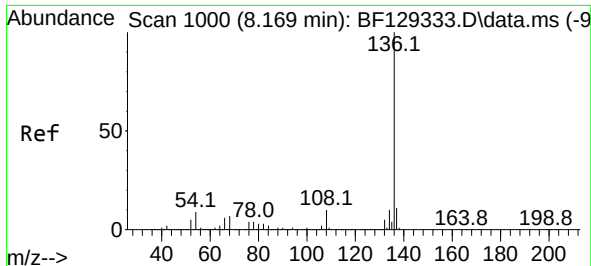
Tgt Ion: 99 Resp: 1232851
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 34.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.898 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

Tgt Ion: 70 Resp: 100925
Ion Ratio Lower Upper
70 100
42 48.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



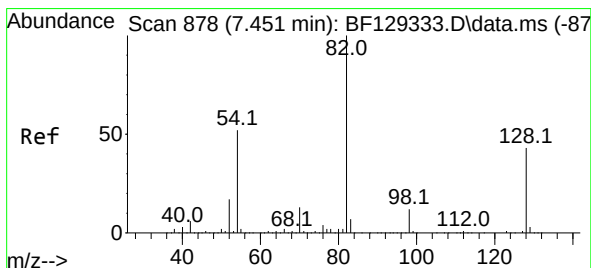
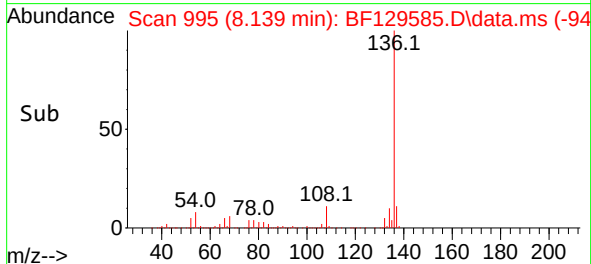
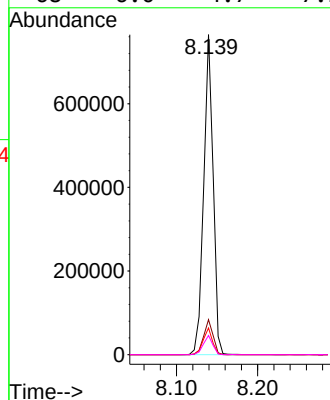
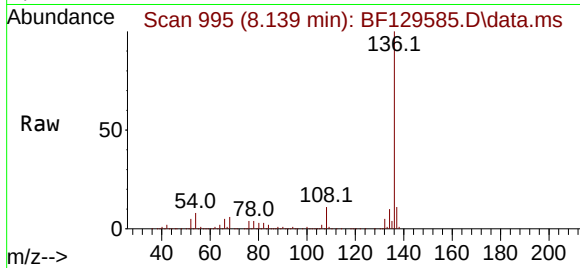


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

Instrument :
BNA_F
ClientSampleId :
RVE-126

Tgt Ion:136 Resp: 615661

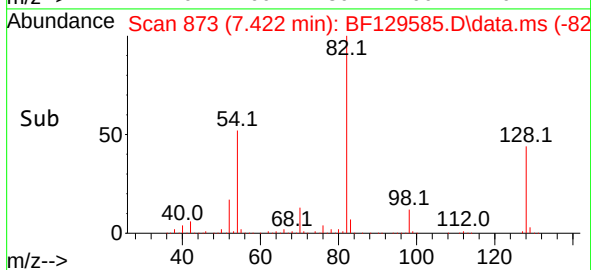
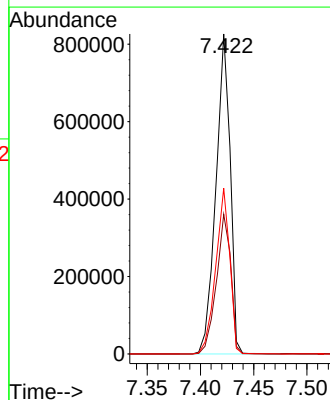
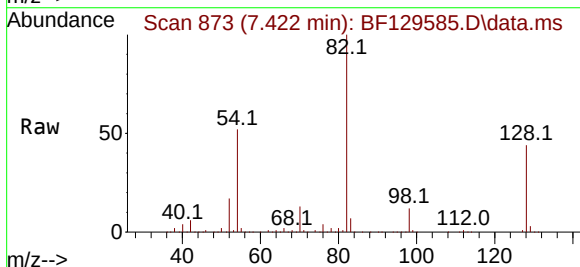
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	7.5	11.3
68	6.0	4.7	7.1

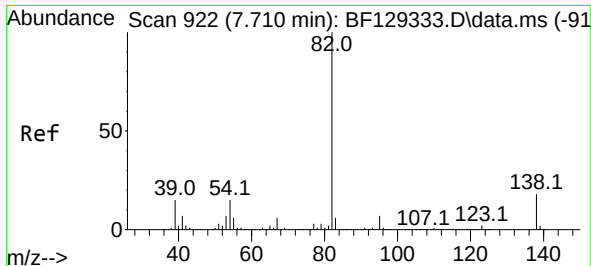


#23
Nitrobenzene-d5
Concen: 68.248 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

Tgt Ion: 82 Resp: 769716

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	51.8	46.9	70.3

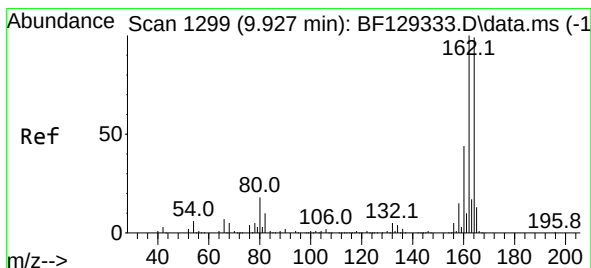
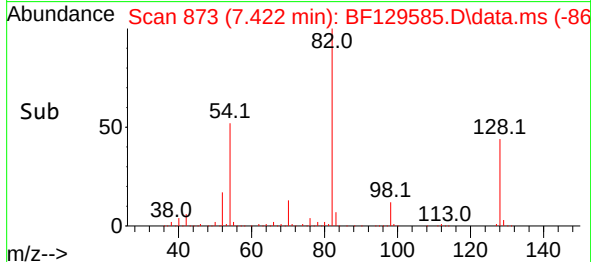
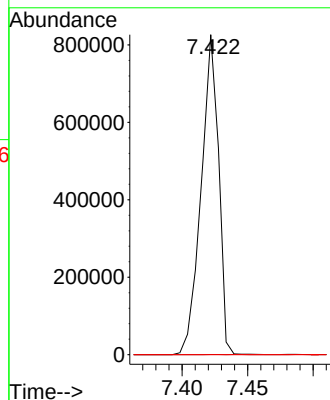
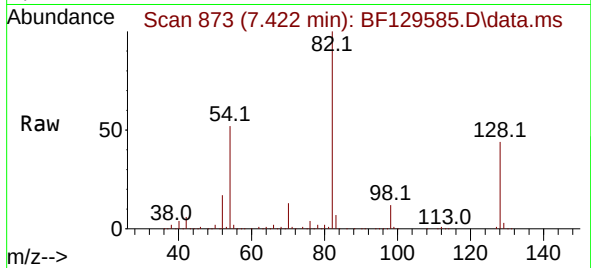




#25
Isophorone
Concen: 37.875 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

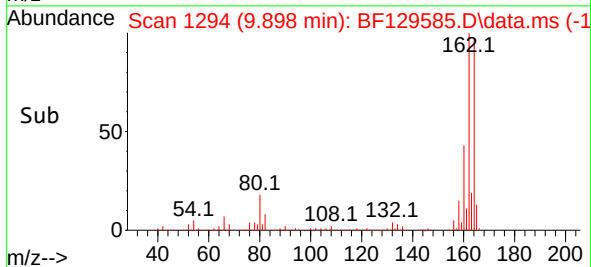
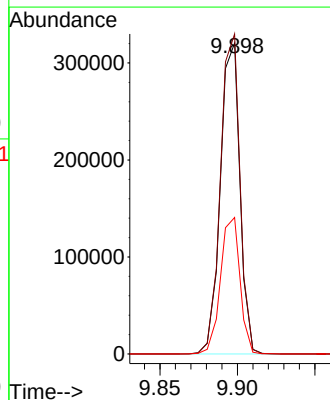
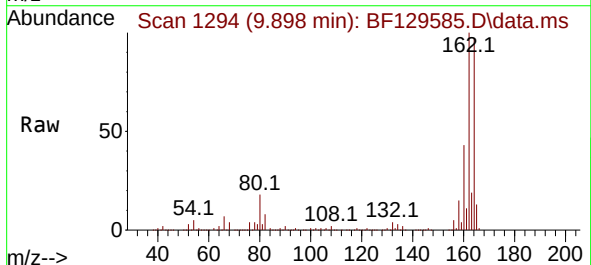
Instrument :
BNA_F
ClientSampleId :
RVE-126

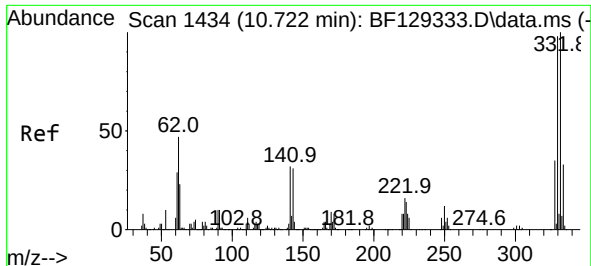
Tgt Ion: 82 Resp: 765681
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

Tgt Ion:164 Resp: 280773
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 90.643 ng

RT: 10.692 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129585.D

Acq: 04 Aug 2022 23:46

Instrument :

BNA_F

ClientSampleId :

RVE-126

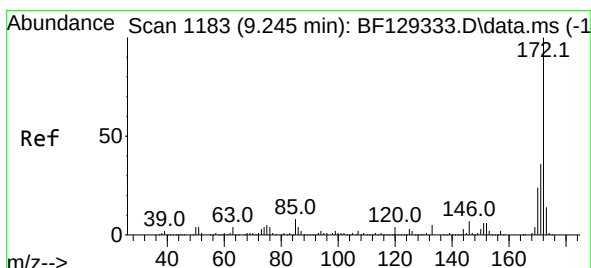
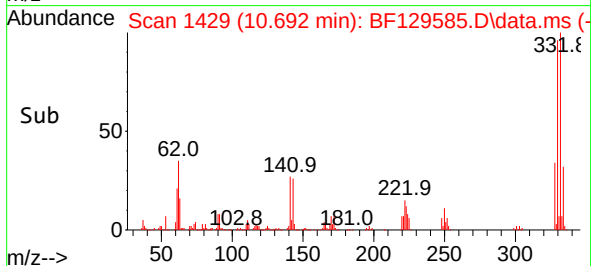
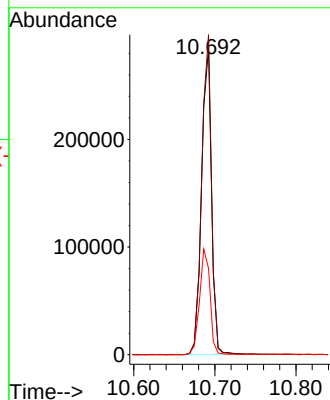
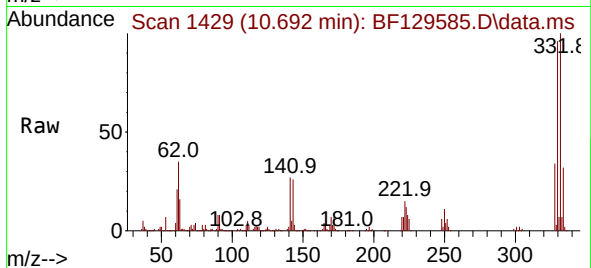
Tgt Ion:330 Resp: 244685

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 36.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.826 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129585.D

Acq: 04 Aug 2022 23:46

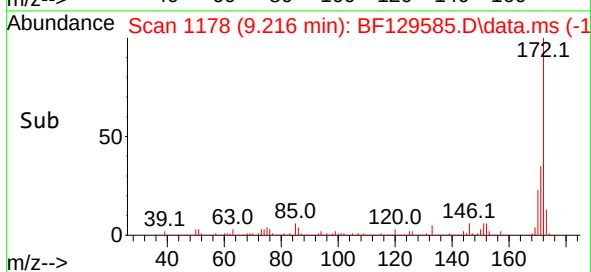
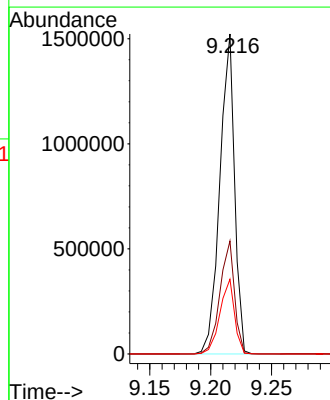
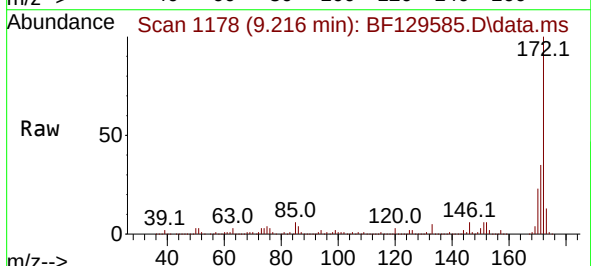
Tgt Ion:172 Resp: 1285499

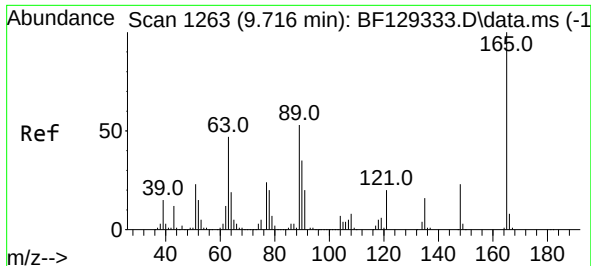
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.478 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF129585.D

Acq: 04 Aug 2022 23:46

Instrument :

BNA_F

ClientSampleId :

RVE-126

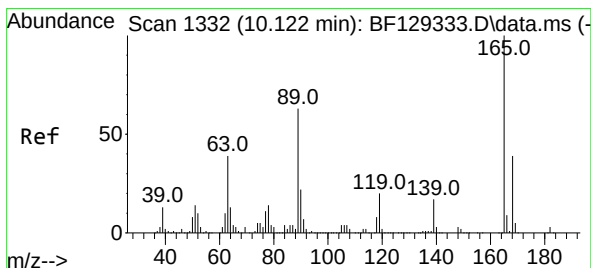
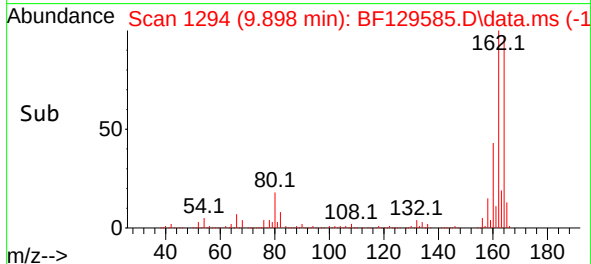
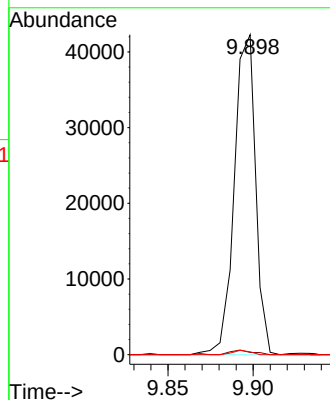
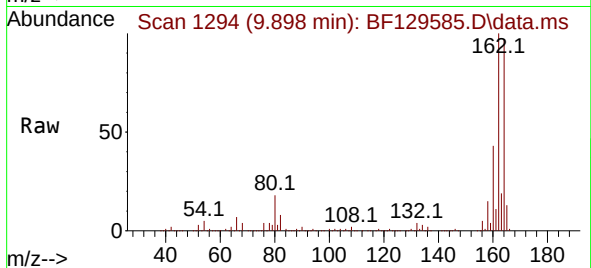
Tgt Ion:165 Resp: 36778

Ion Ratio Lower Upper

165 100

63 0.7 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.490 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.200 min

Lab File: BF129585.D

Acq: 04 Aug 2022 23:46

Tgt Ion:165 Resp: 36778

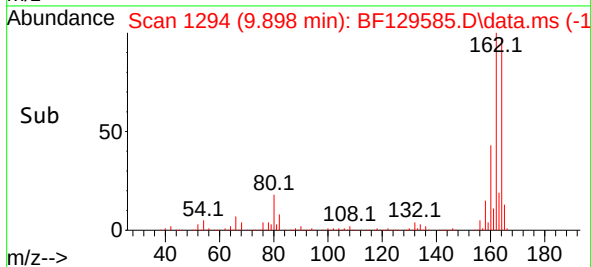
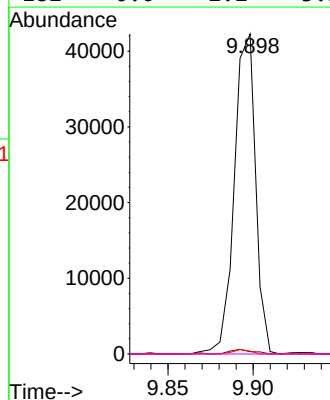
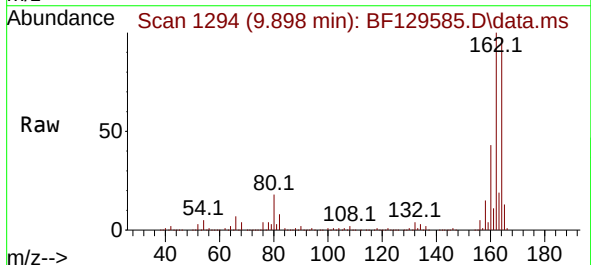
Ion Ratio Lower Upper

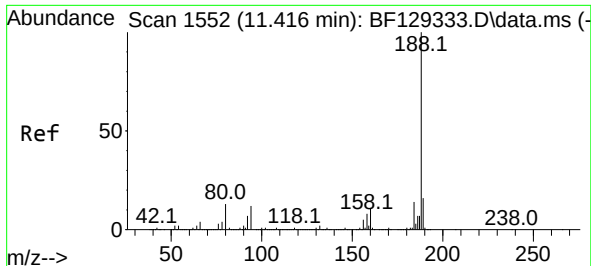
165 100

63 0.7 39.8 59.6#

89 0.9 60.2 90.2#

182 0.0 2.2 3.2#

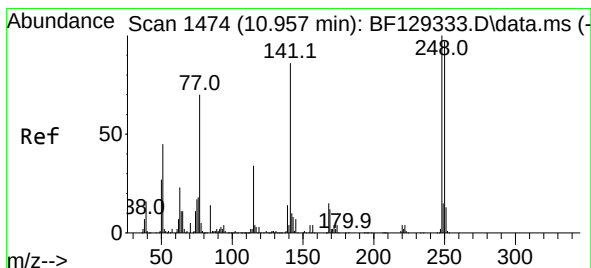
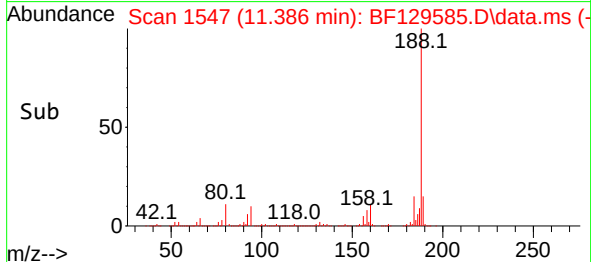
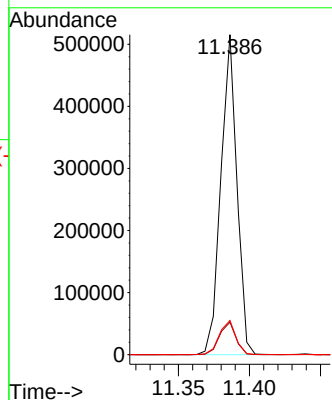
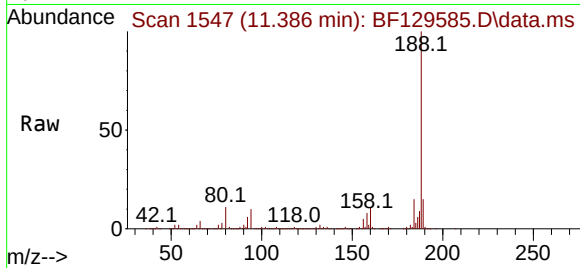




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

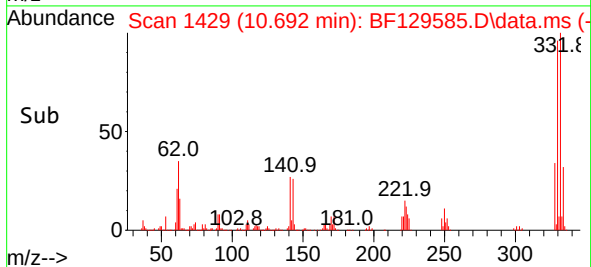
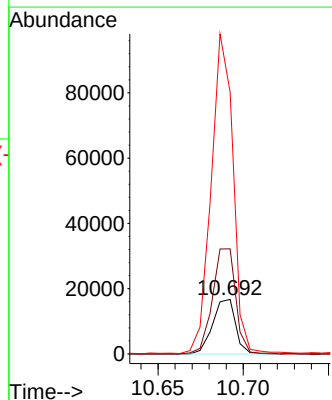
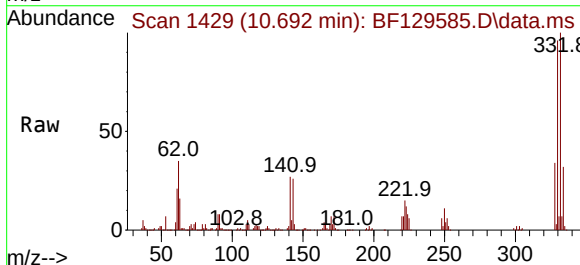
Instrument :
BNA_F
ClientSampleId :
RVE-126

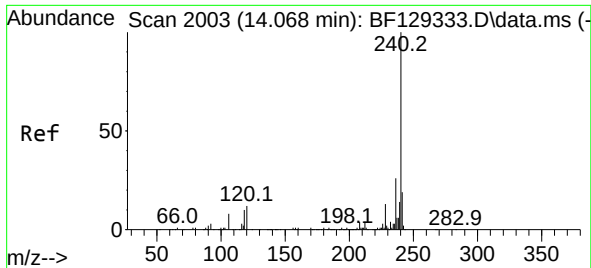
Tgt Ion:188 Resp: 403931
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.523 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

Tgt Ion:248 Resp: 15582
Ion Ratio Lower Upper
248 100
250 193.0 80.6 120.8#
141 480.6 58.9 88.3#

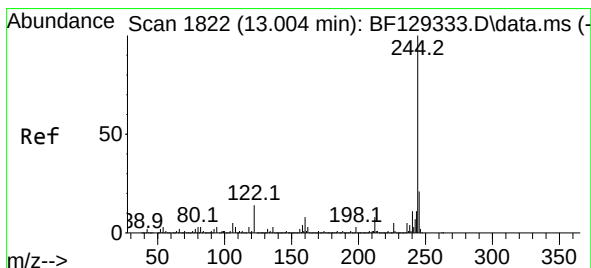
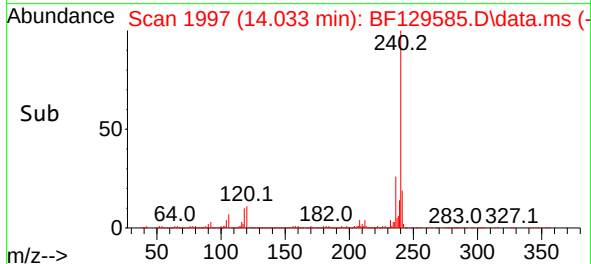
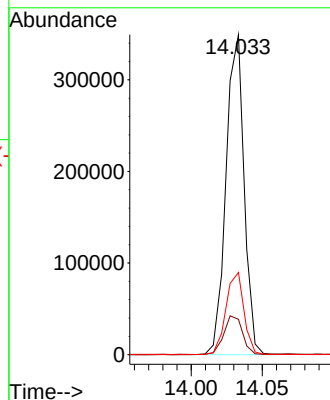
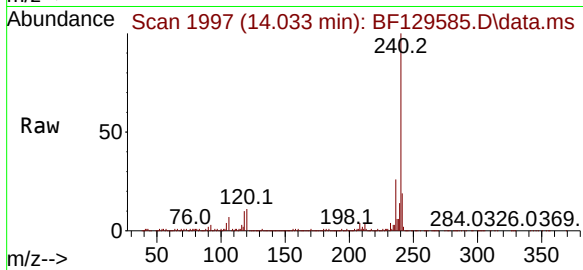




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

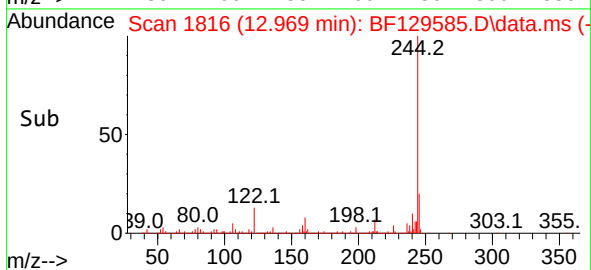
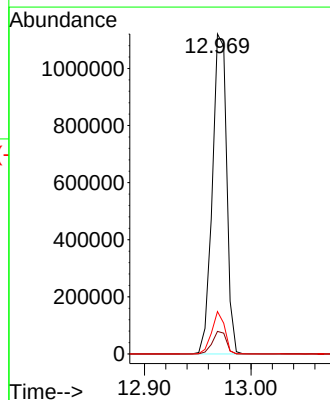
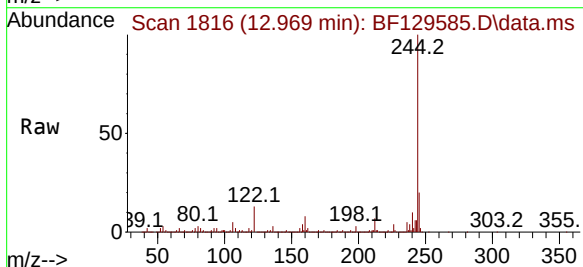
Instrument :
BNA_F
ClientSampleId :
RVE-126

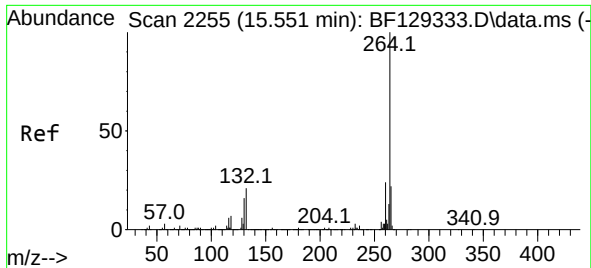
Tgt Ion:240 Resp: 309359
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 63.810 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129585.D
Acq: 04 Aug 2022 23:46

Tgt Ion:244 Resp: 1046344
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 13.3 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: BF129585.D
Acq: 04 Aug 2022 23:46

Instrument :
BNA_F
ClientSampleId :
RVE-126

Tgt Ion:264 Resp: 251398
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.7 17.2 25.8

