

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129545.D
 Acq On : 03 Aug 2022 17:45
 Operator : CG\JU
 Sample : N3930-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-98

Quant Time: Aug 04 02:19:45 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)

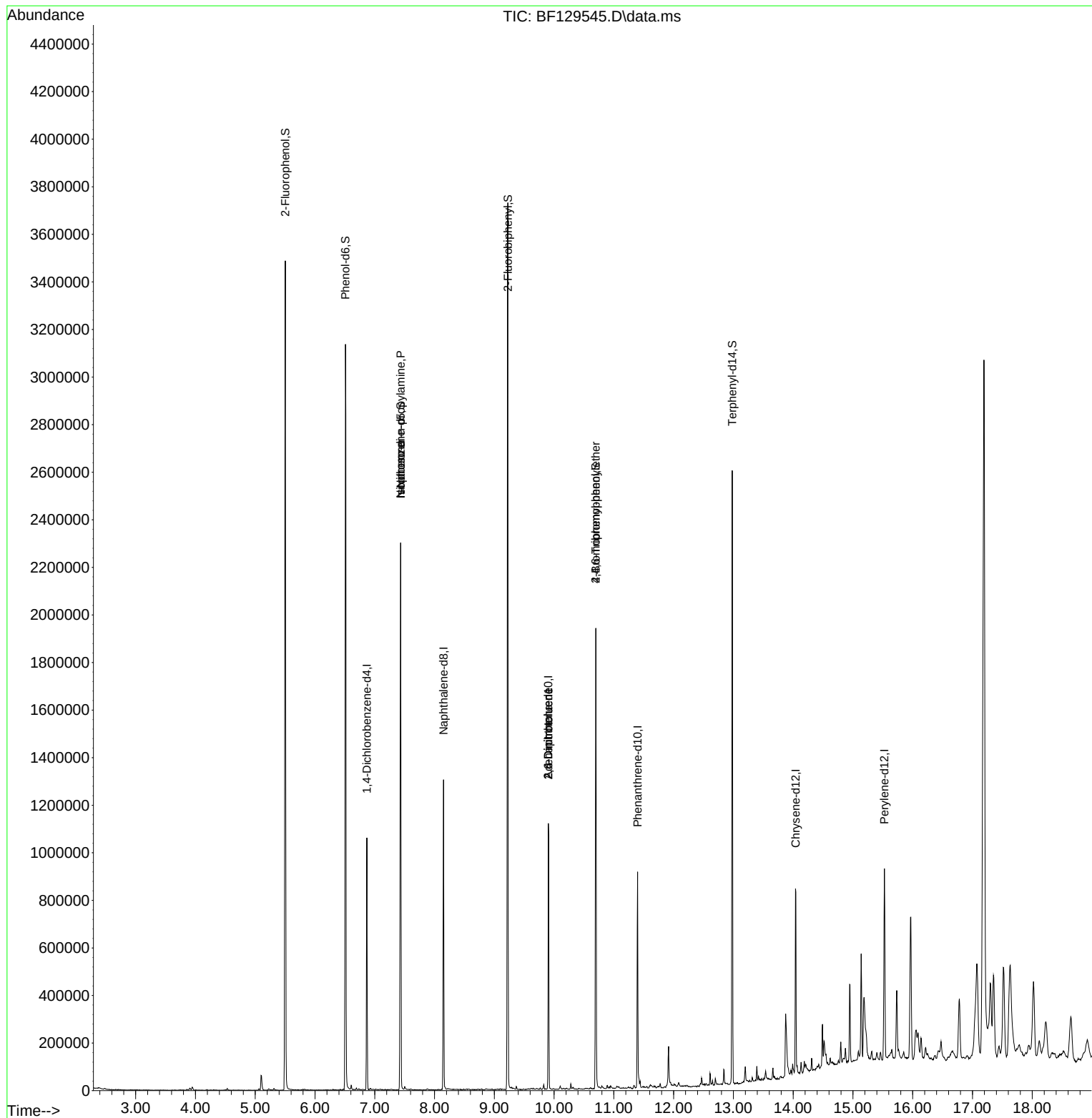
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	138565	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	513503	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	233821	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	300689	20.000	ng	0.00
76) Chrysene-d12	14.045	240	265788	20.000	ng	0.00
86) Perylene-d12	15.527	264	326498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	898685	105.651	ng	0.00
7) Phenol-d6	6.510	99	1110453	103.861	ng	-0.01
23) Nitrobenzene-d5	7.434	82	705592	75.009	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	203289	90.430	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1186733	78.514	ng	0.00
79) Terphenyl-d14	12.980	244	799637	56.759	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	92044	14.220	ng	# 73
25) Isophorone	7.434	82	705583	41.845	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	29645	8.206	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	29645	6.281	ng	# 22
67) 4-Bromophenyl-phenylether	10.698	248	12873	3.910	ng	# 1

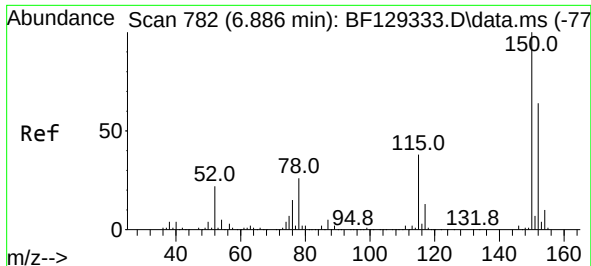
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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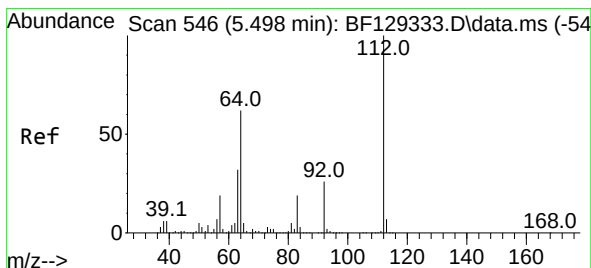
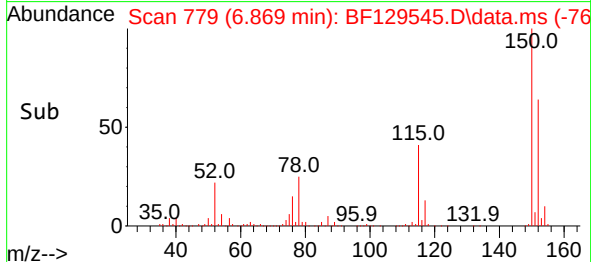
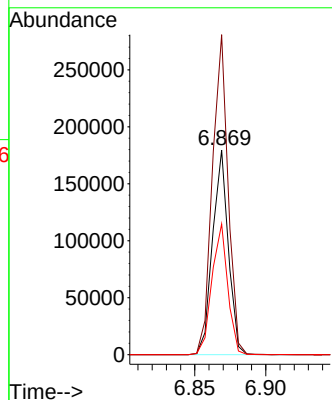
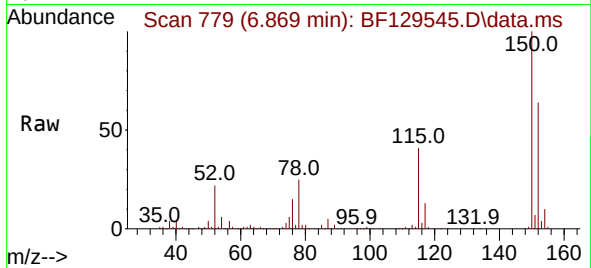




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129545.D
 Acq: 03 Aug 2022 17:45

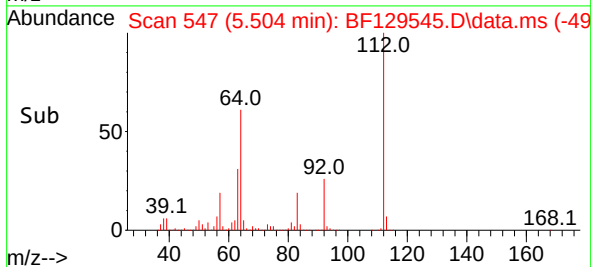
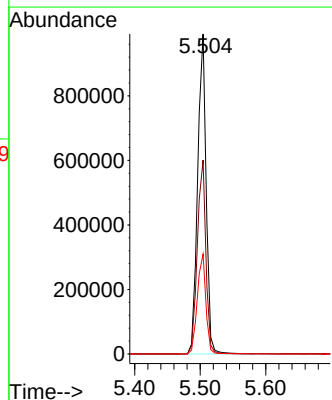
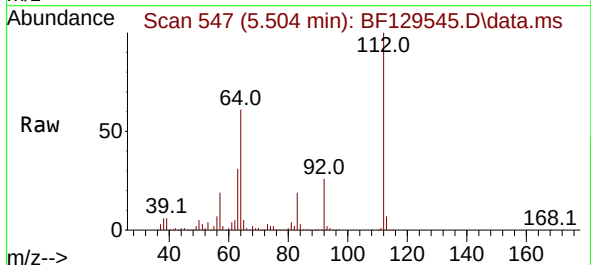
Instrument :
 BNA_F
 ClientSampleId :
 RVE-98

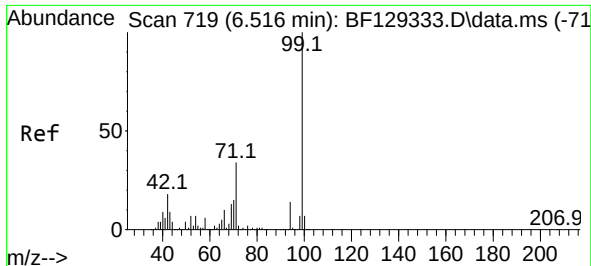
Tgt Ion:152 Resp: 138565
 Ion Ratio Lower Upper
 152 100
 150 156.4 123.7 185.5
 115 63.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 105.651 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: BF129545.D
 Acq: 03 Aug 2022 17:45

Tgt Ion:112 Resp: 898685
 Ion Ratio Lower Upper
 112 100
 64 60.6 53.3 79.9
 63 31.2 28.0 42.0

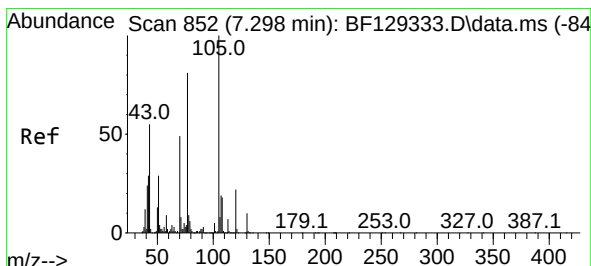
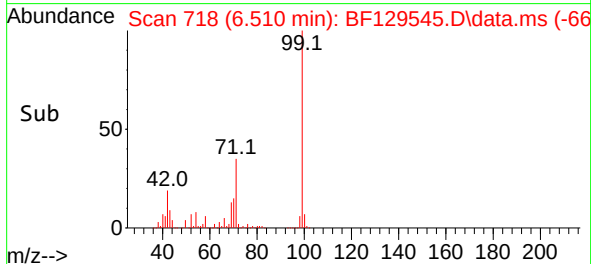
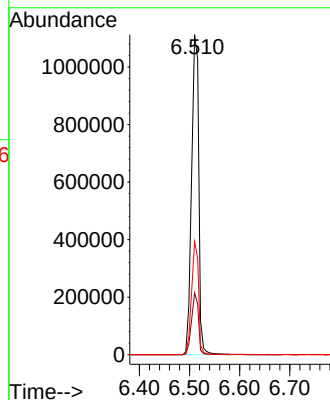
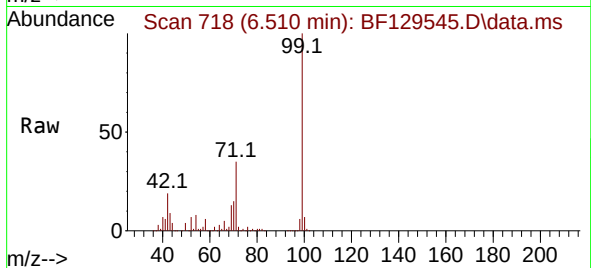




#7
Phenol-d6
Concen: 103.861 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

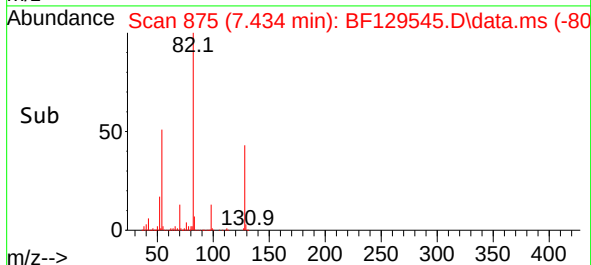
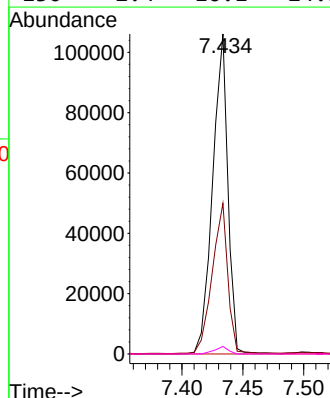
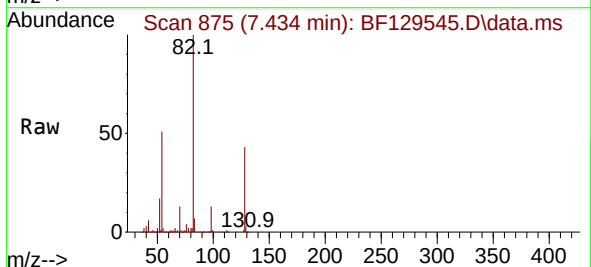
Instrument :
BNA_F
ClientSampleId :
RVE-98

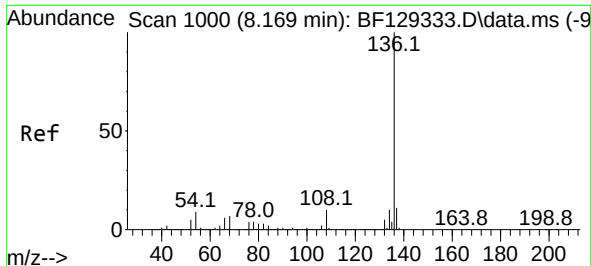
Tgt Ion: 99 Resp: 1110453
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 35.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.220 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

Tgt Ion: 70 Resp: 92044
Ion Ratio Lower Upper
70 100
42 47.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#



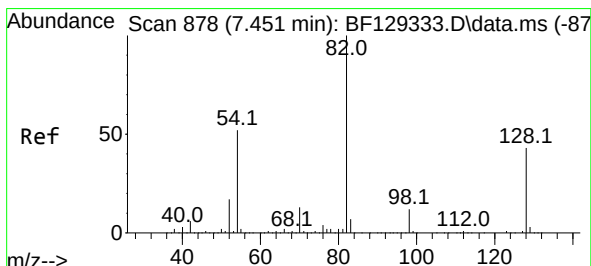
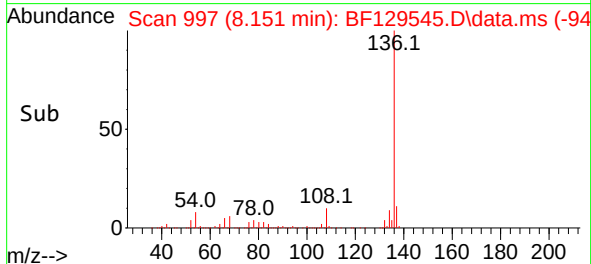
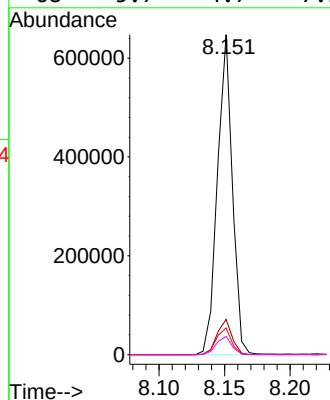
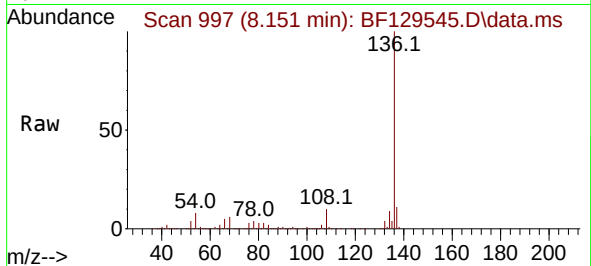


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

Instrument :
BNA_F
ClientSampleId :
RVE-98

Tgt Ion:136 Resp: 513503

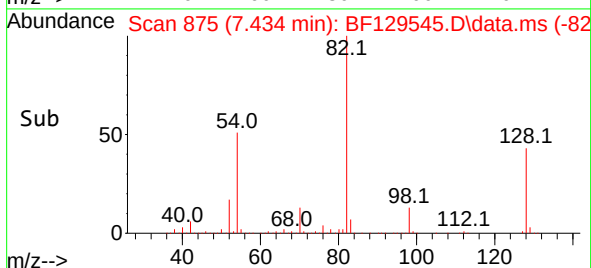
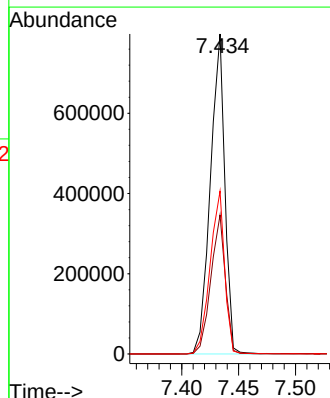
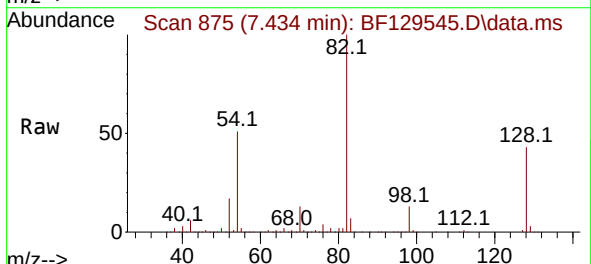
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	7.5	11.3
68	5.7	4.7	7.1

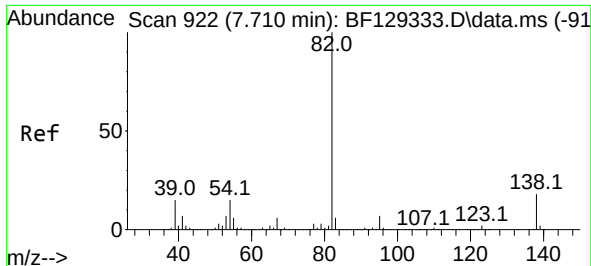


#23
Nitrobenzene-d5
Concen: 75.009 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

Tgt Ion: 82 Resp: 705592

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	50.9	46.9	70.3

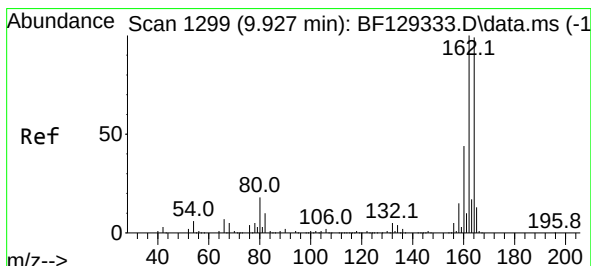
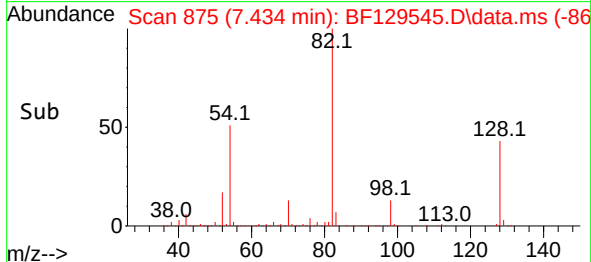
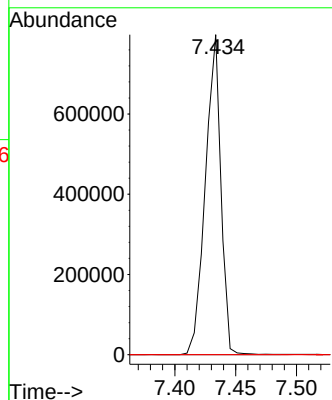
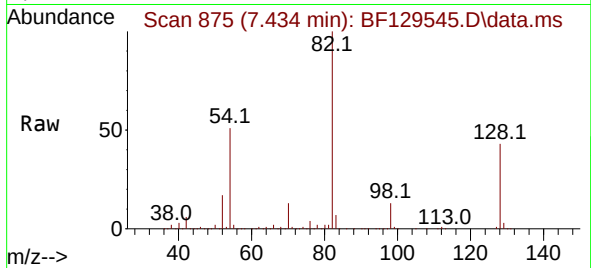




#25
Isophorone
Concen: 41.845 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

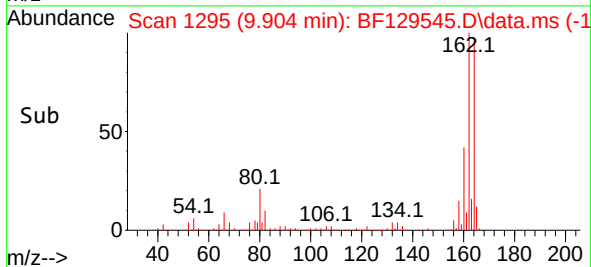
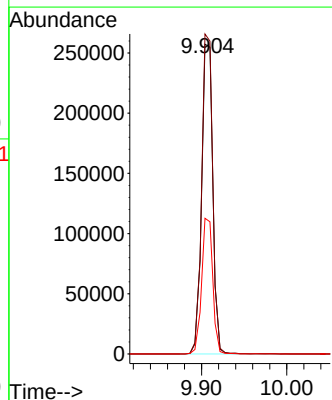
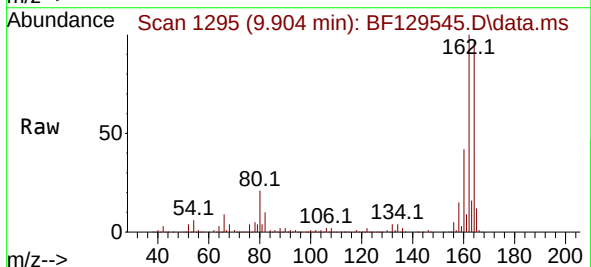
Instrument :
BNA_F
ClientSampleId :
RVE-98

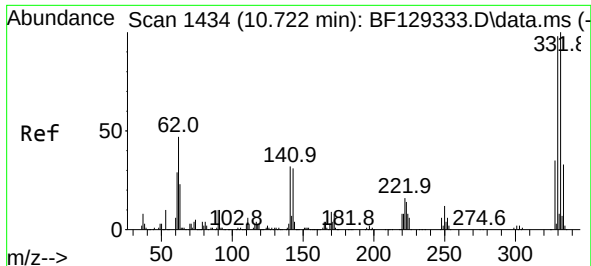
Tgt Ion: 82 Resp: 705583
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

Tgt Ion: 164 Resp: 233821
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 90.430 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF129545.D

Acq: 03 Aug 2022 17:45

Instrument :

BNA_F

ClientSampleId :

RVE-98

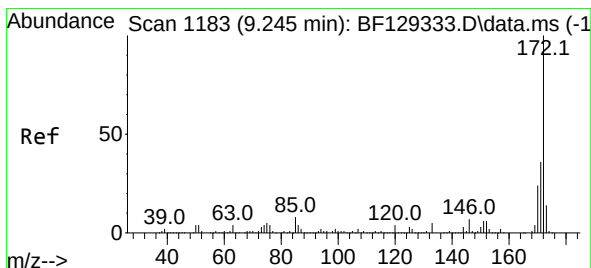
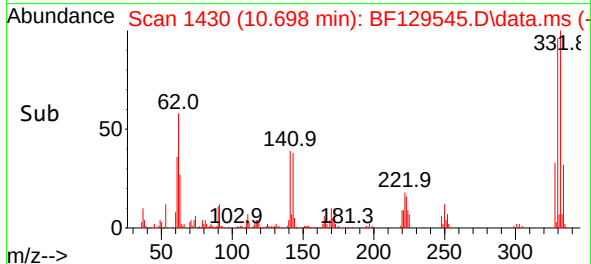
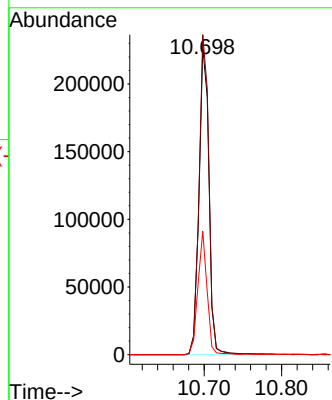
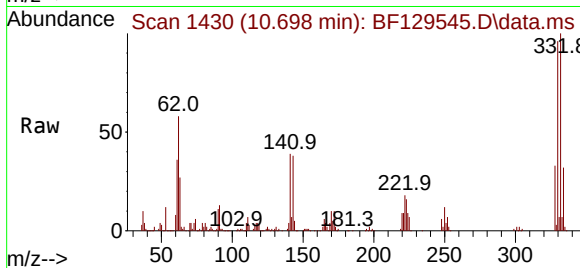
Tgt Ion:330 Resp: 203289

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 36.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.514 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129545.D

Acq: 03 Aug 2022 17:45

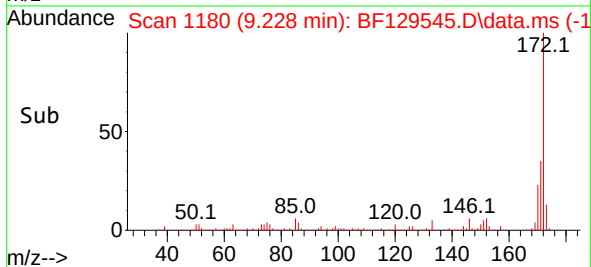
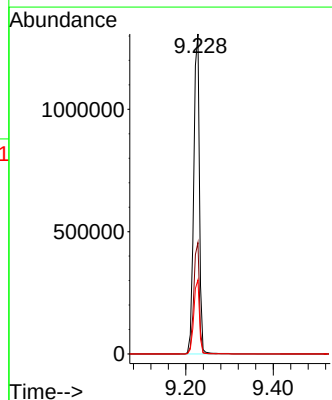
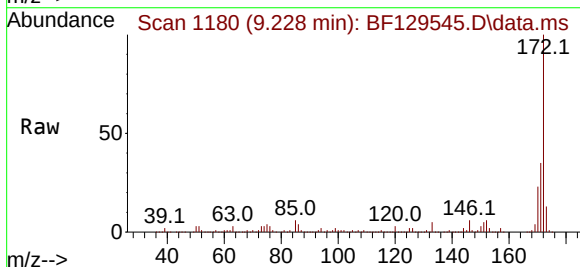
Tgt Ion:172 Resp: 1186733

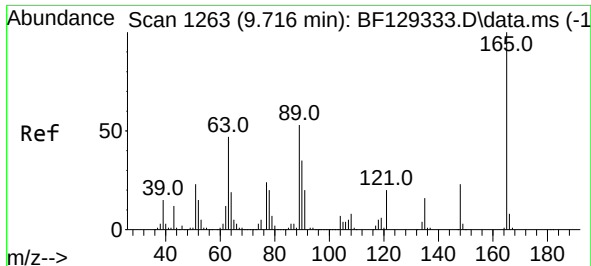
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.2 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.206 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF129545.D

Acq: 03 Aug 2022 17:45

Instrument :

BNA_F

ClientSampleId :

RVE-98

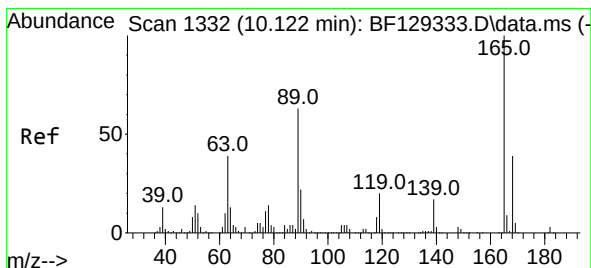
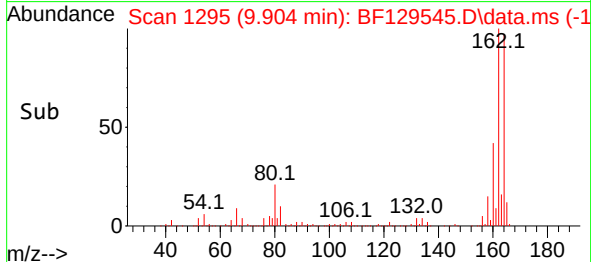
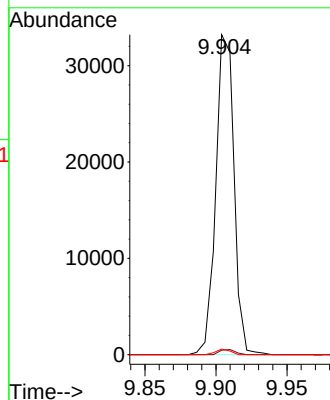
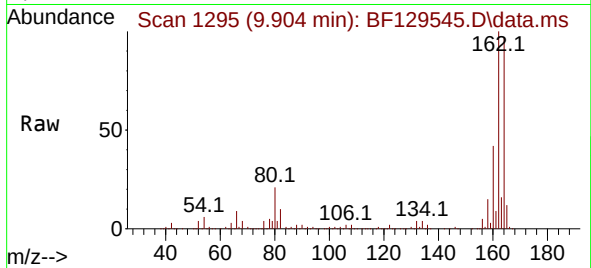
Tgt Ion:165 Resp: 29645

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.281 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF129545.D

Acq: 03 Aug 2022 17:45

Tgt Ion:165 Resp: 29645

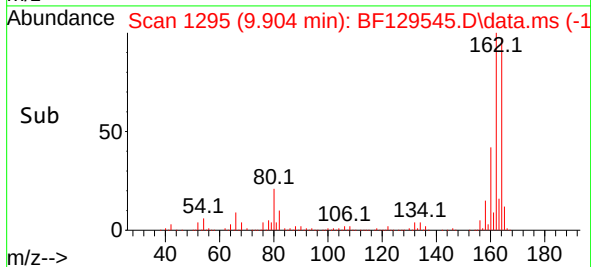
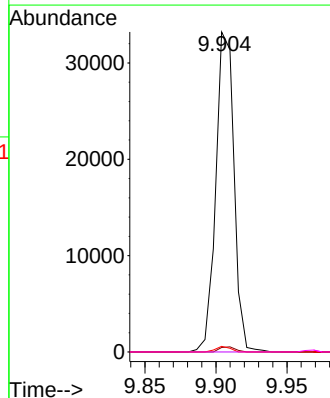
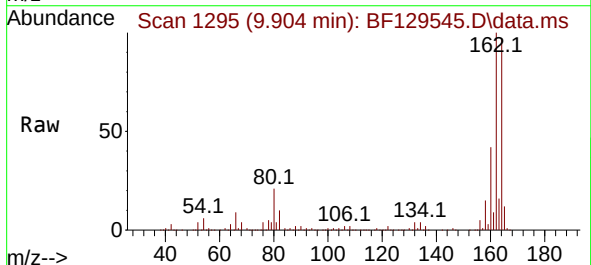
Ion Ratio Lower Upper

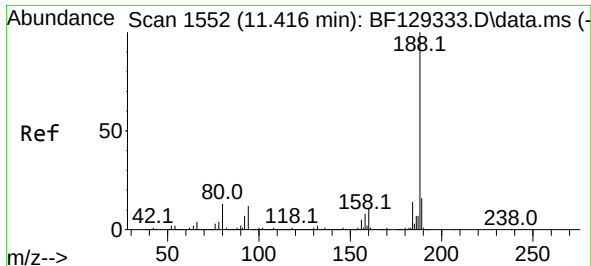
165 100

63 1.4 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#

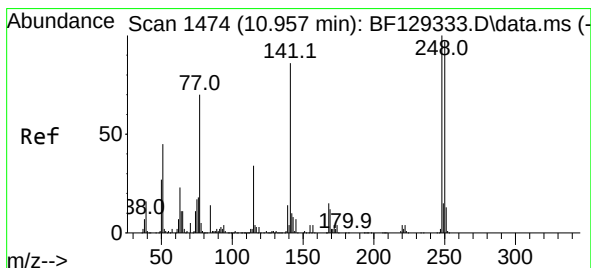
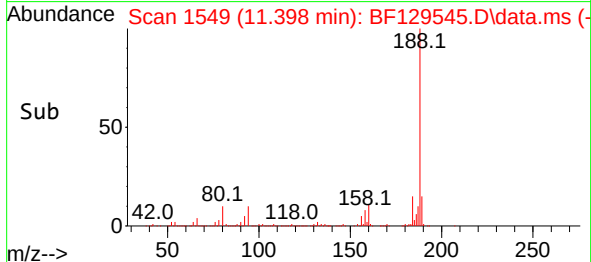
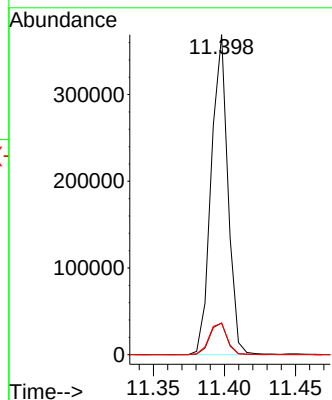
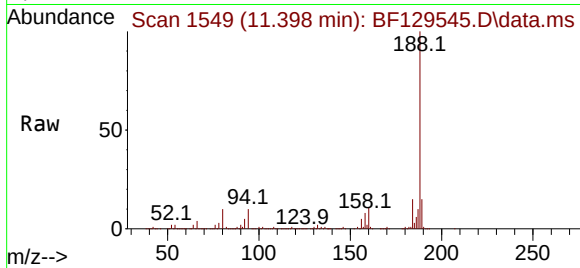




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

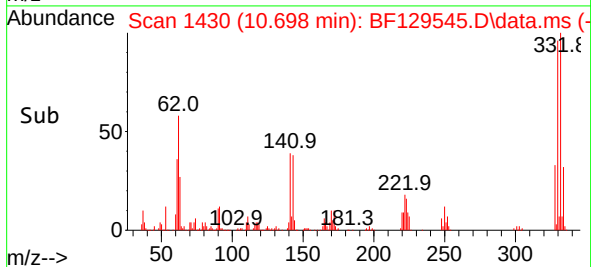
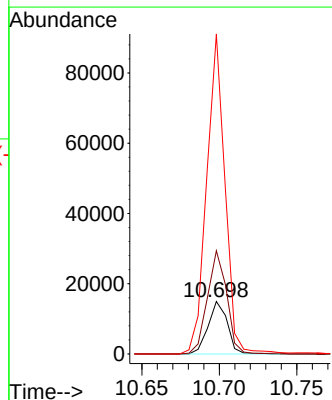
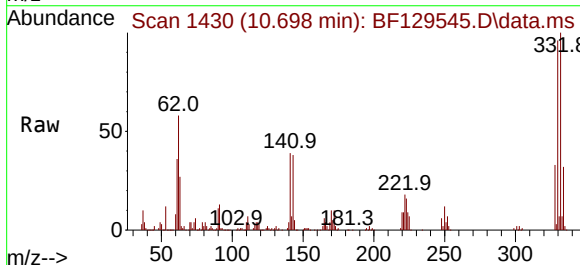
Instrument :
BNA_F
ClientSampleId :
RVE-98

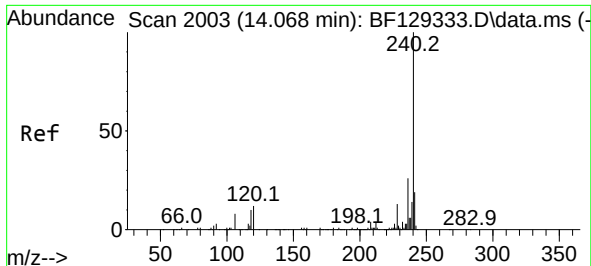
Tgt Ion:188 Resp: 300689
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 9.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.910 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

Tgt Ion:248 Resp: 12873
Ion Ratio Lower Upper
248 100
250 196.6 80.6 120.8#
141 609.9 58.9 88.3#

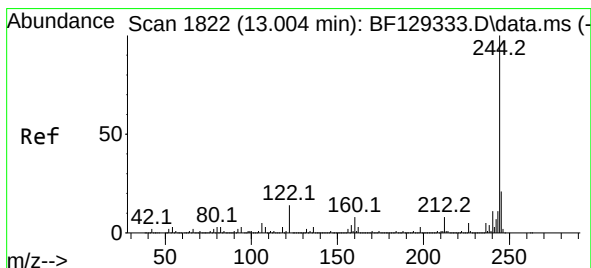
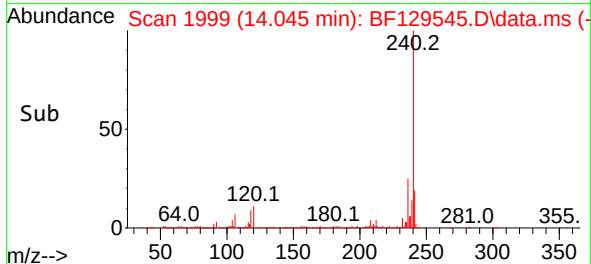
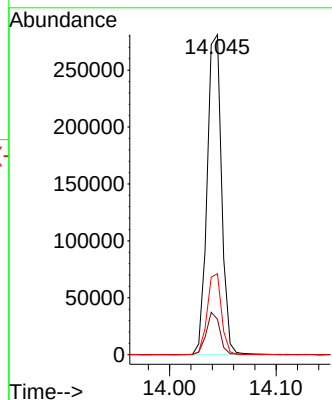
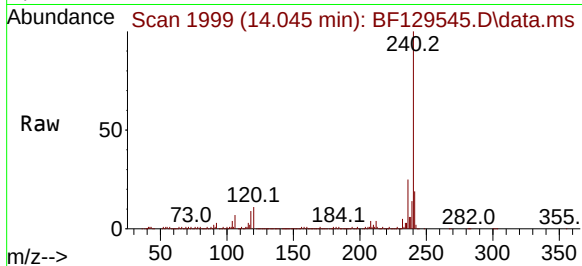




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

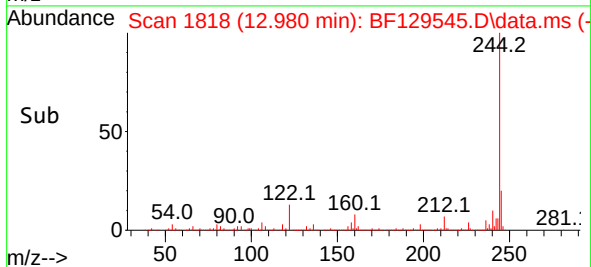
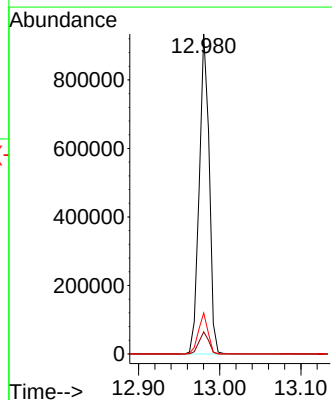
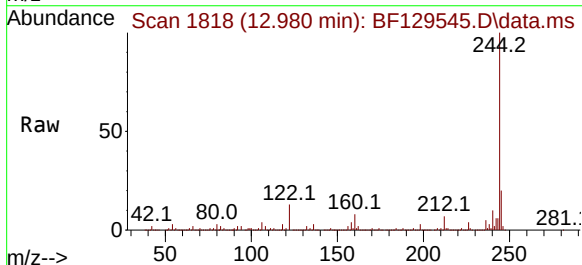
Instrument :
BNA_F
ClientSampleId :
RVE-98

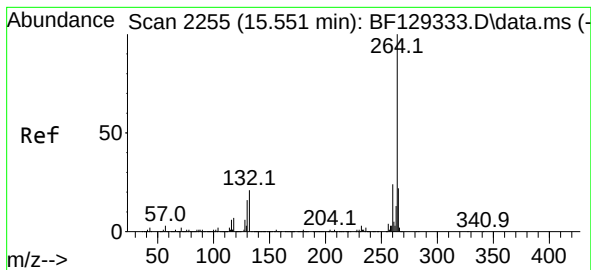
Tgt Ion:240 Resp: 265788
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 56.759 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF129545.D
Acq: 03 Aug 2022 17:45

Tgt Ion:244 Resp: 799637
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 12.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129545.D
 Acq: 03 Aug 2022 17:45

Instrument :
 BNA_F
 ClientSampleId :
 RVE-98

Tgt Ion:264 Resp: 326498
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.4 27.6
 265 21.7 17.2 25.8

