

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129504.D
 Acq On : 02 Aug 2022 13:04
 Operator : CG\JU
 Sample : N3927-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-79D

Quant Time: Aug 02 17:37:34 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)

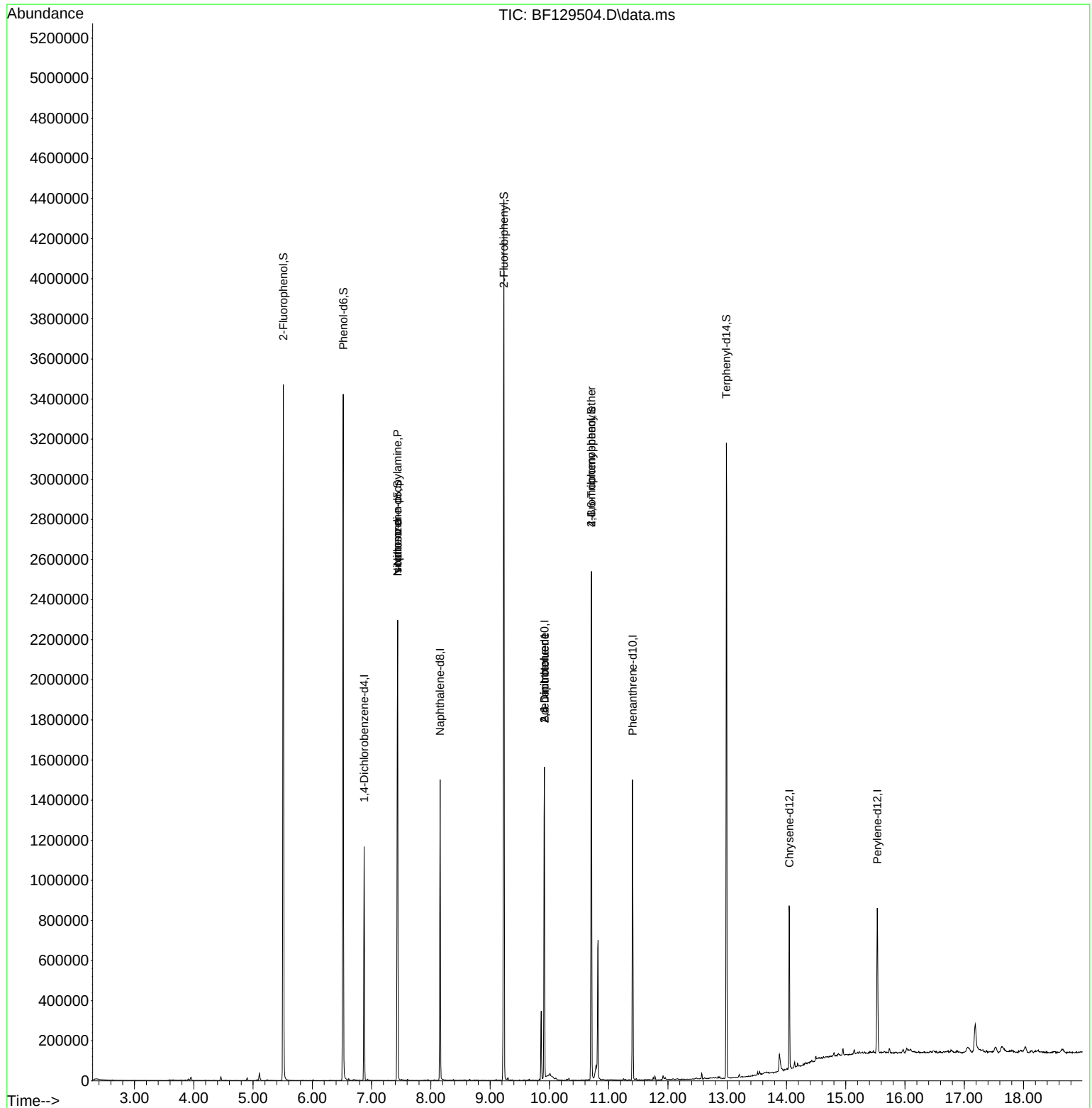
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	149837	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	605610	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	310091	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	491643	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	282031	20.000	ng	0.00
86) Perylene-d12	15.533	264	311172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	877783	95.431	ng	0.00
7) Phenol-d6	6.522	99	1103292	95.428	ng	0.00
23) Nitrobenzene-d5	7.439	82	697164	62.841	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	277300	93.013	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1274556	63.584	ng	0.00
79) Terphenyl-d14	12.986	244	1067495	71.408	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	91824	13.119	ng	# 75
25) Isophorone	7.439	82	697153	35.057	ng	# 65
51) 2,6-Dinitrotoluene	9.916	165	40338	8.419	ng	# 26
57) 2,4-Dinitrotoluene	9.916	165	40338	6.445	ng	# 22
67) 4-Bromophenyl-phenylether	10.710	248	17197	3.194	ng	# 1

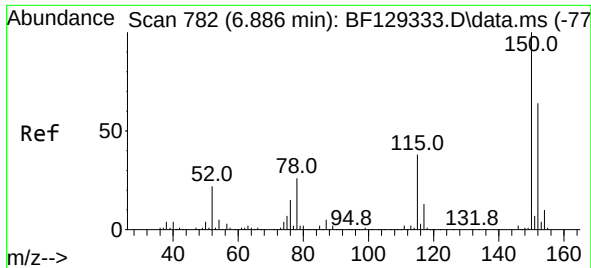
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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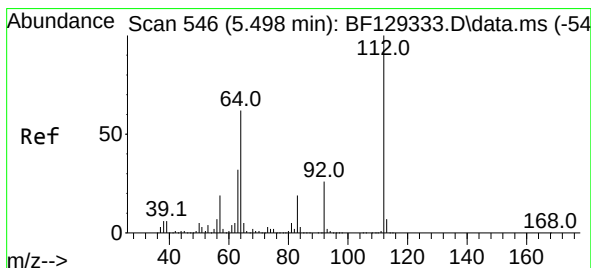
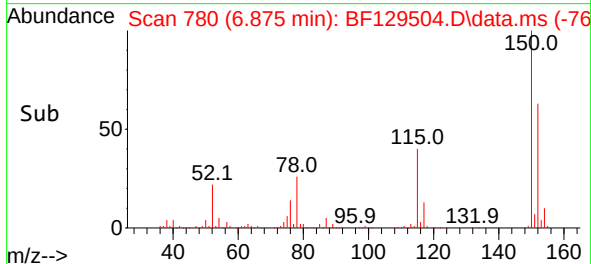
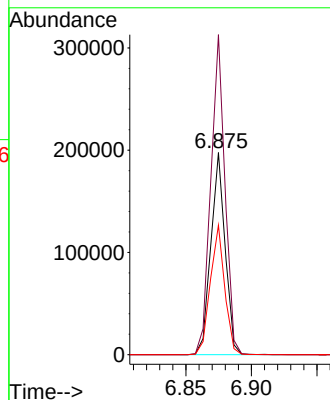
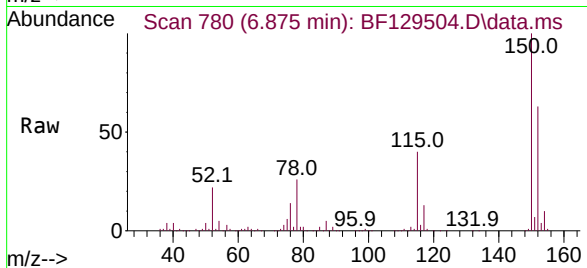




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

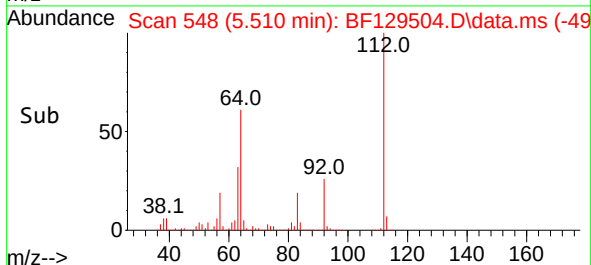
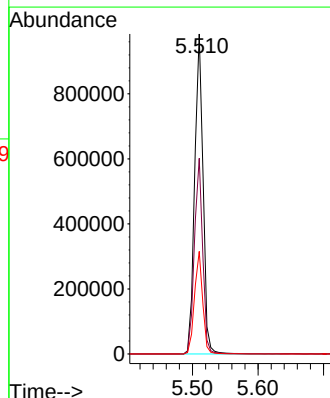
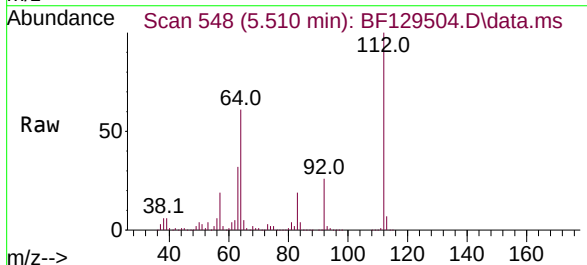
Instrument :
BNA_F
ClientSampleId :
RVE-79D

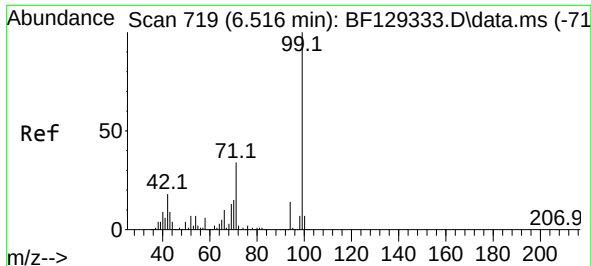
Tgt Ion:152 Resp: 149837
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 95.431 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.006 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

Tgt Ion:112 Resp: 877783
Ion Ratio Lower Upper
112 100
64 61.1 53.3 79.9
63 32.0 28.0 42.0

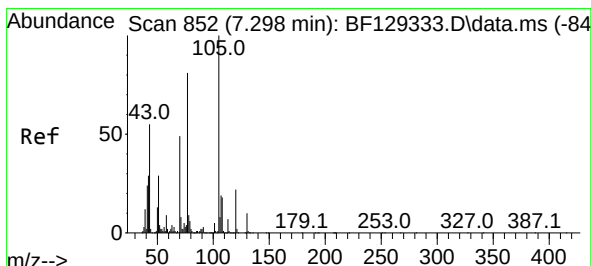
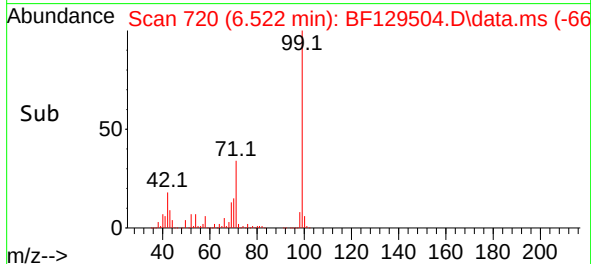
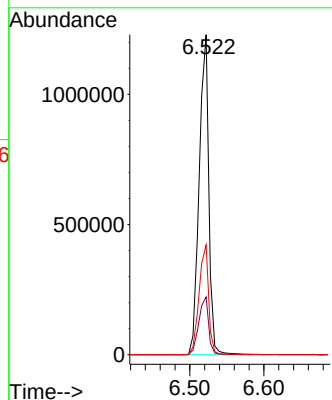
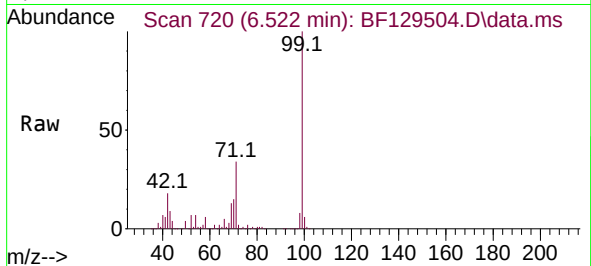




#7
Phenol-d6
Concen: 95.428 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

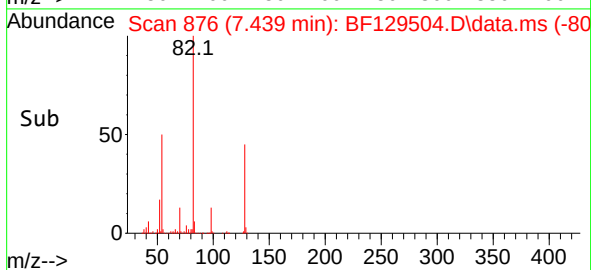
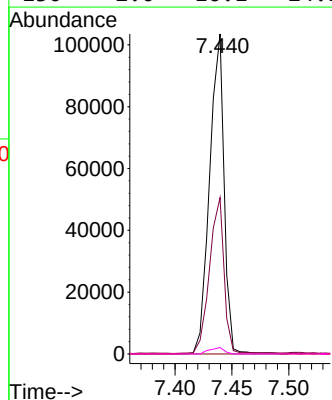
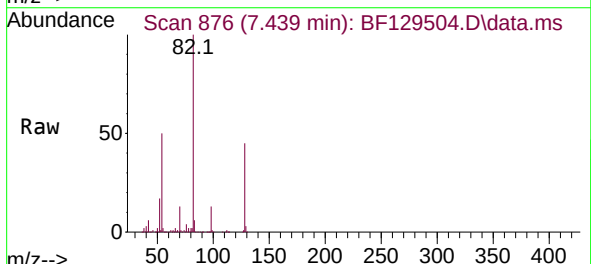
Instrument :
BNA_F
ClientSampleId :
RVE-79D

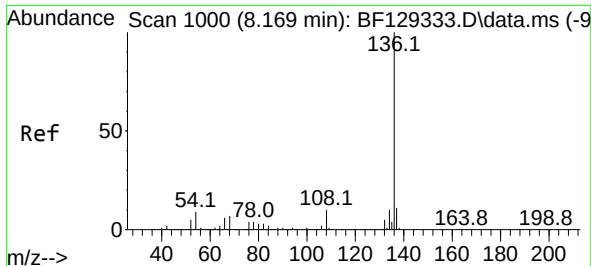
Tgt Ion: 99 Resp: 1103292
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 34.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.119 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

Tgt Ion: 70 Resp: 91824
Ion Ratio Lower Upper
70 100
42 48.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



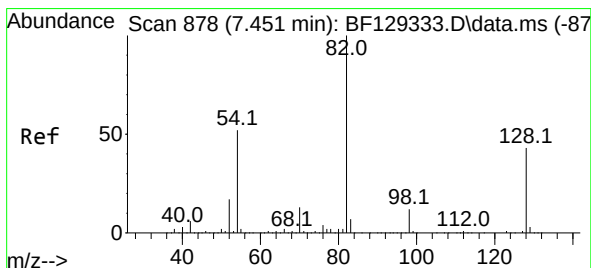
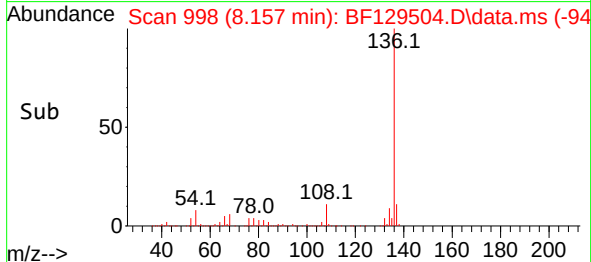
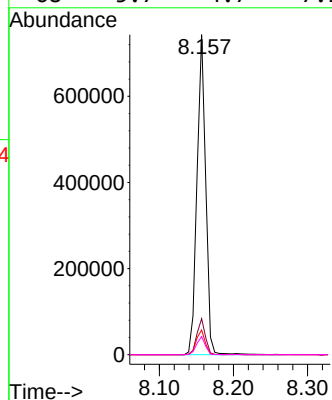
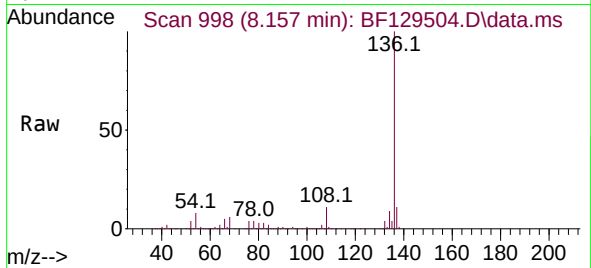


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

Instrument :
BNA_F
ClientSampleId :
RVE-79D

Tgt Ion:136 Resp: 605610

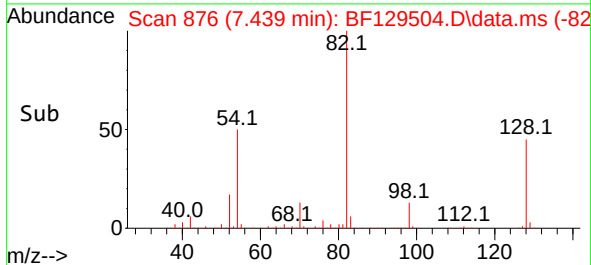
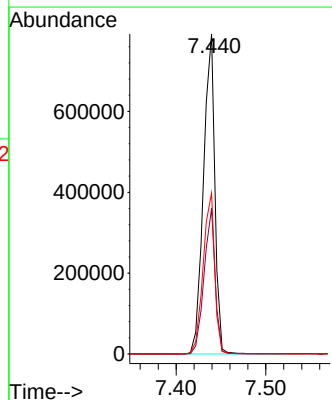
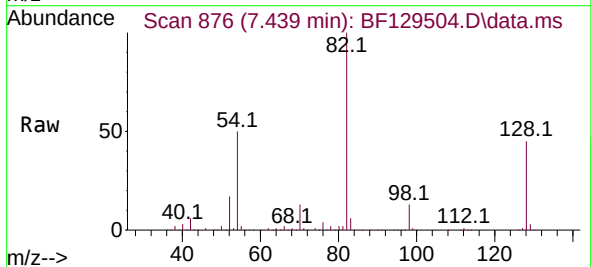
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.7	7.5	11.3
68	5.7	4.7	7.1

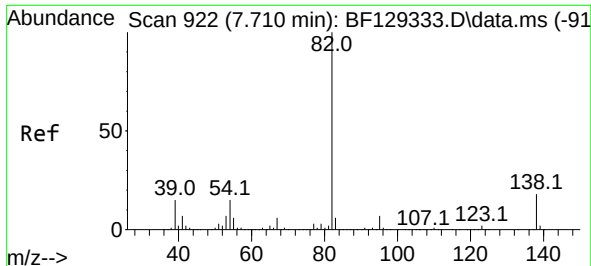


#23
Nitrobenzene-d5
Concen: 62.841 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

Tgt Ion: 82 Resp: 697164

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	50.3	46.9	70.3

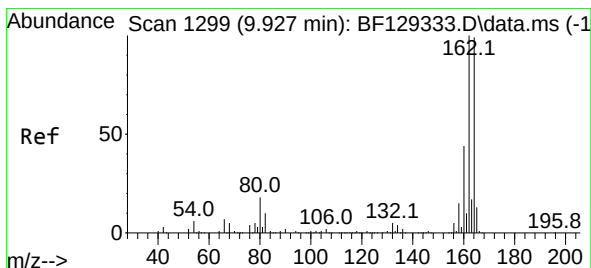
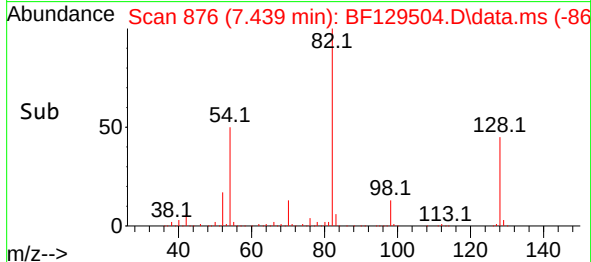
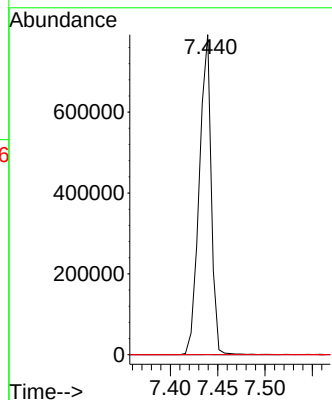
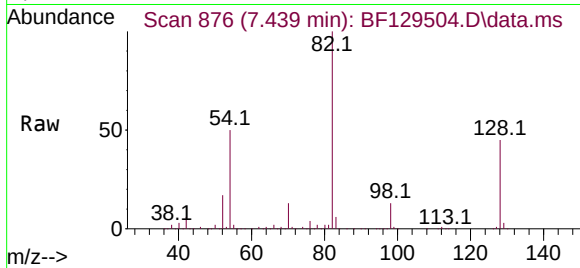




#25
Isophorone
Concen: 35.057 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

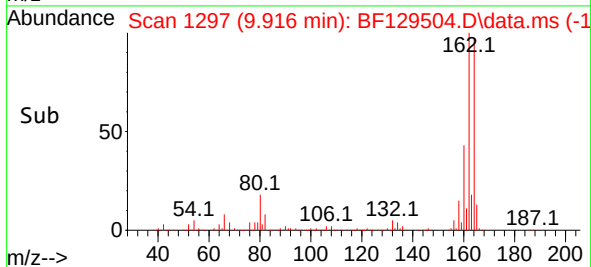
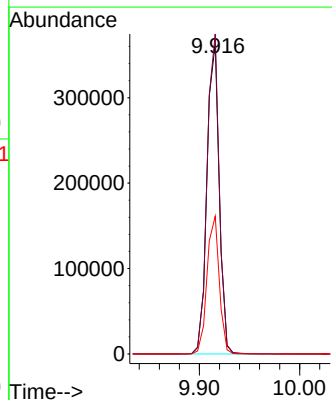
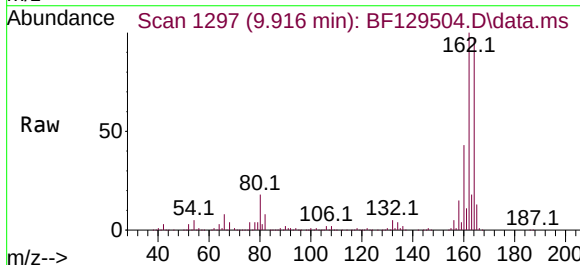
Instrument :
BNA_F
ClientSampleId :
RVE-79D

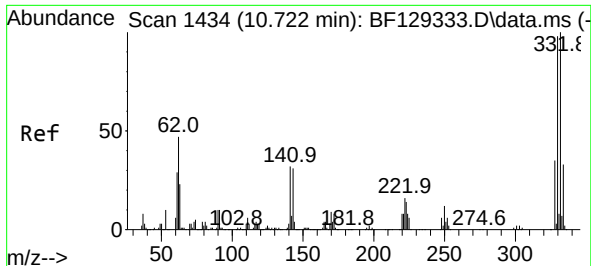
Tgt Ion: 82 Resp: 697153
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

Tgt Ion: 164 Resp: 310091
Ion Ratio Lower Upper
164 100
162 103.0 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 93.013 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF129504.D

Acq: 02 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

RVE-79D

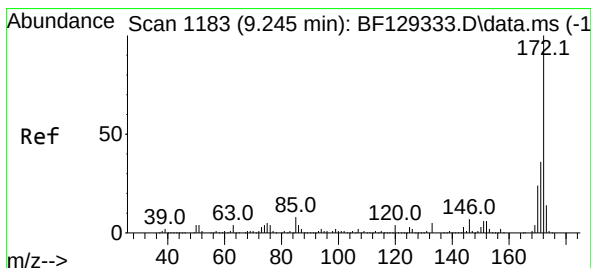
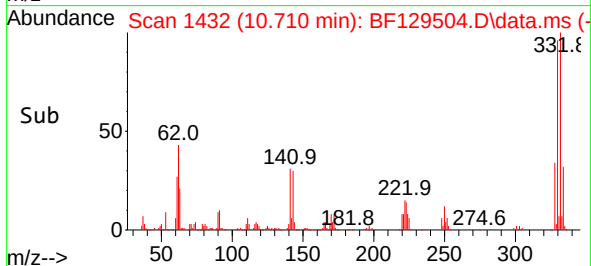
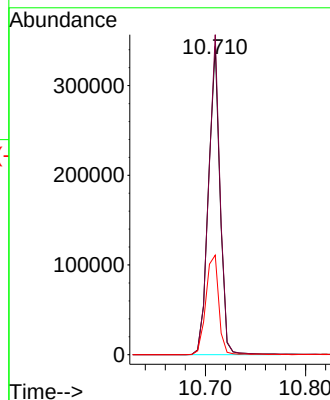
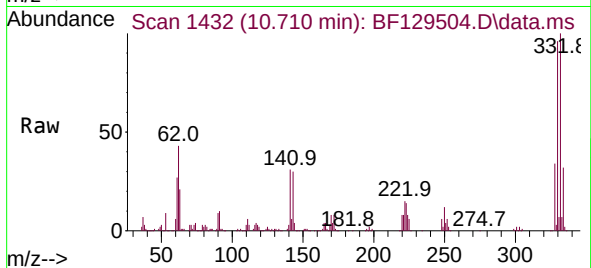
Tgt Ion:330 Resp: 277300

Ion Ratio Lower Upper

330 100

332 102.2 76.8 115.2

141 36.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 63.584 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129504.D

Acq: 02 Aug 2022 13:04

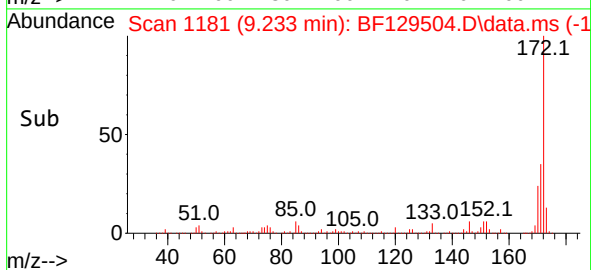
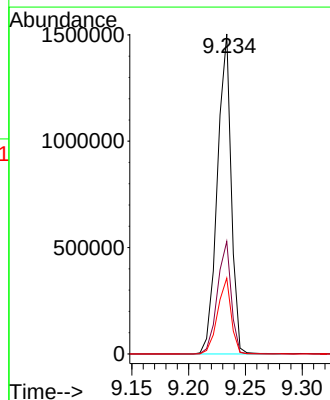
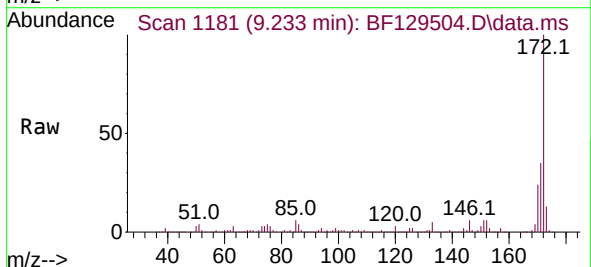
Tgt Ion:172 Resp: 1274556

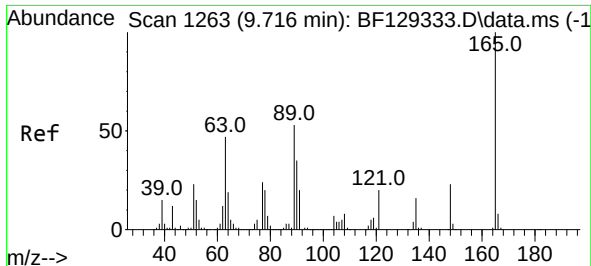
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.419 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129504.D

Acq: 02 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

RVE-79D

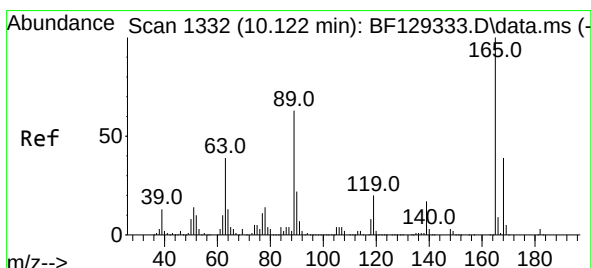
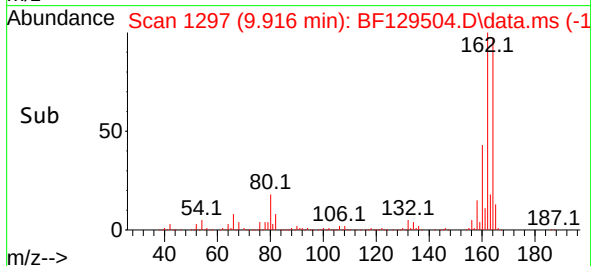
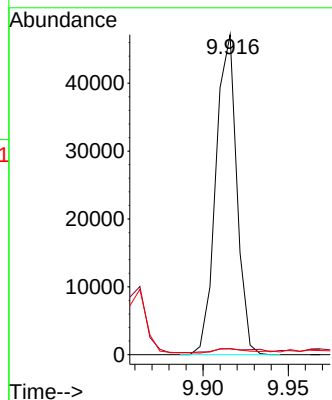
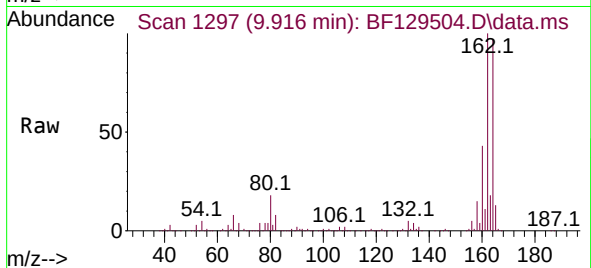
Tgt Ion:165 Resp: 40338

Ion Ratio Lower Upper

165 100

63 1.8 44.9 67.3#

89 2.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.445 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.194 min

Lab File: BF129504.D

Acq: 02 Aug 2022 13:04

Tgt Ion:165 Resp: 40338

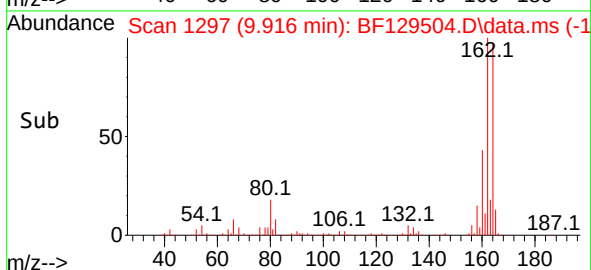
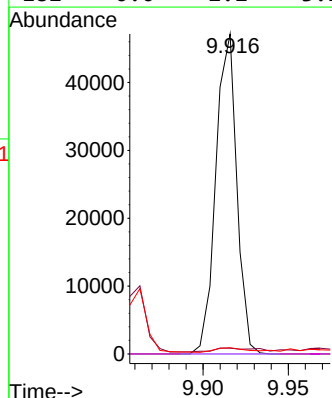
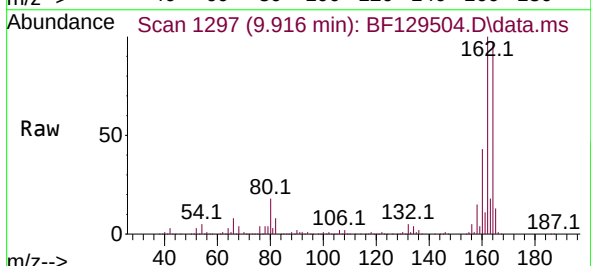
Ion Ratio Lower Upper

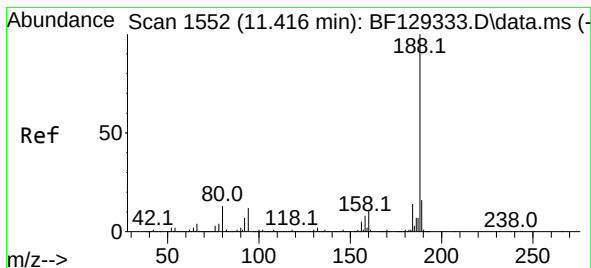
165 100

63 1.8 39.8 59.6#

89 2.0 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129504.D

Acq: 02 Aug 2022 13:04

Instrument :

BNA_F

ClientSampleId :

RVE-79D

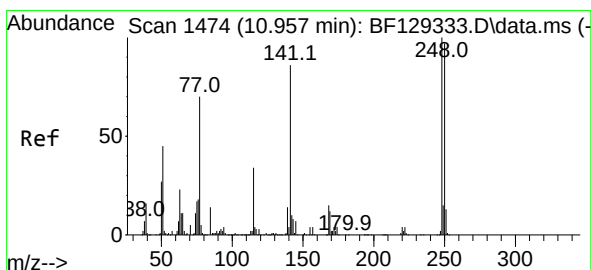
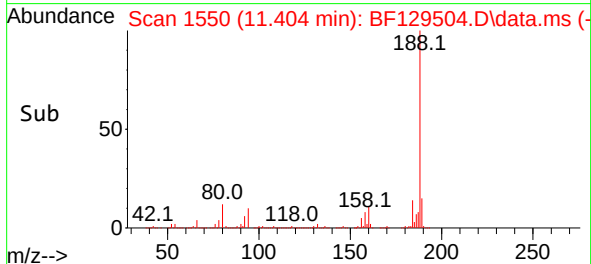
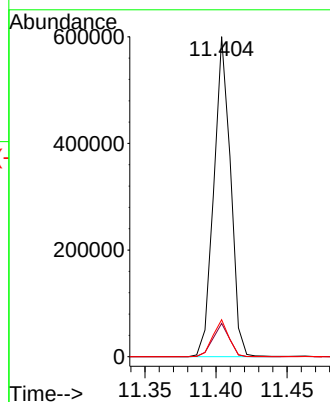
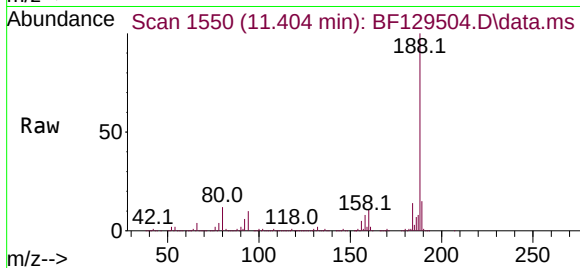
Tgt Ion:188 Resp: 491643

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.194 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.235 min

Lab File: BF129504.D

Acq: 02 Aug 2022 13:04

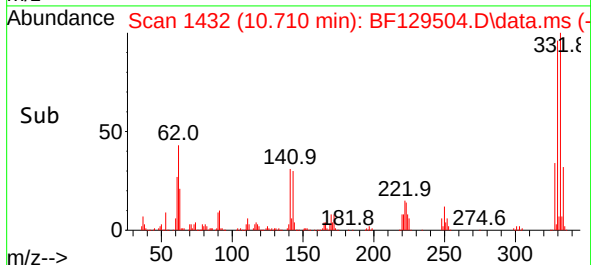
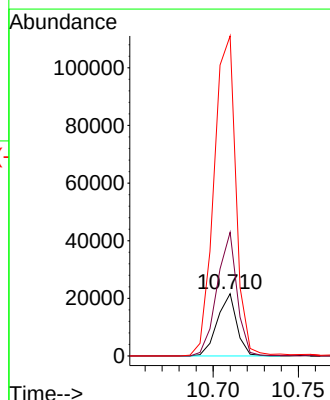
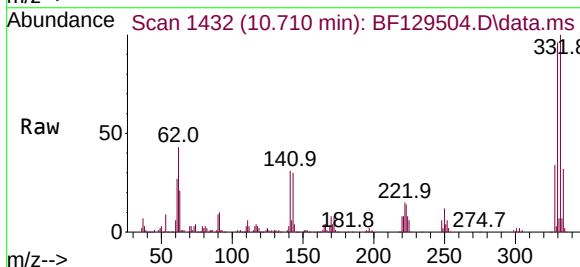
Tgt Ion:248 Resp: 17197

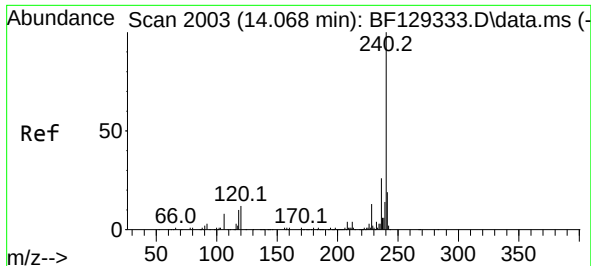
Ion Ratio Lower Upper

248 100

250 198.6 80.6 120.8#

141 514.0 58.9 88.3#

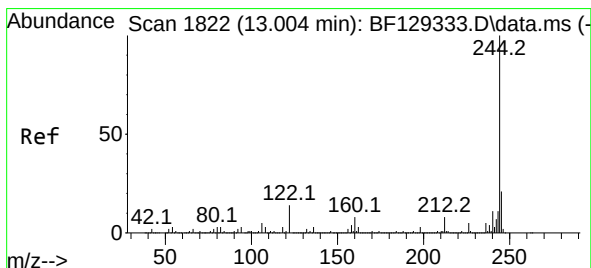
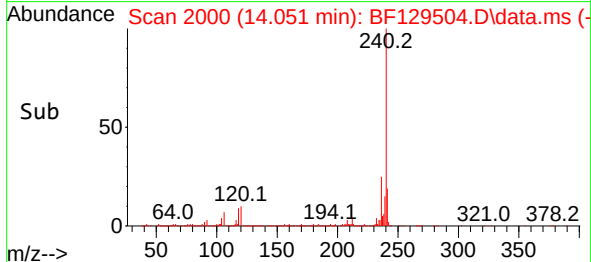
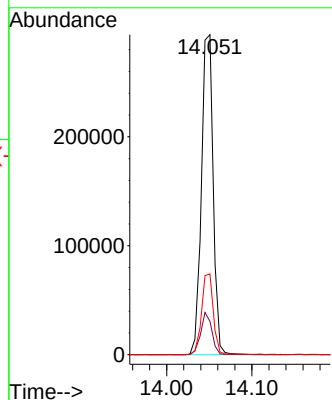
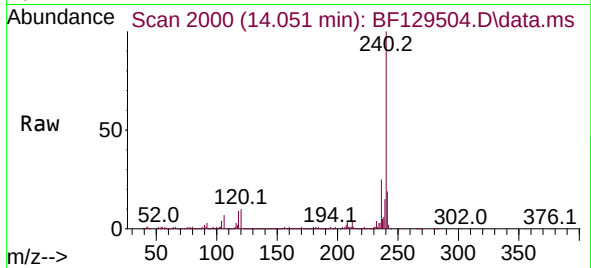




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

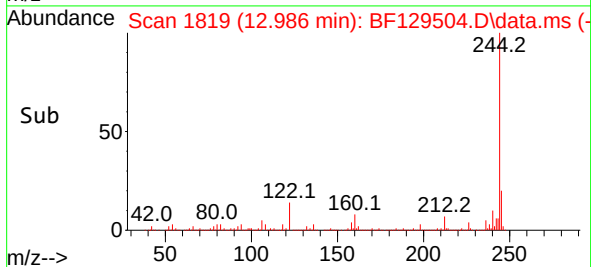
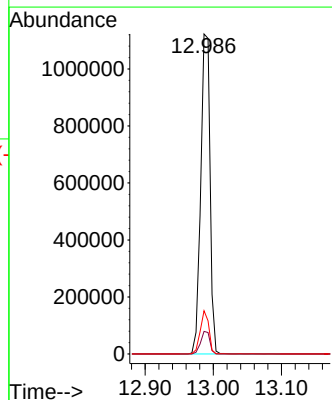
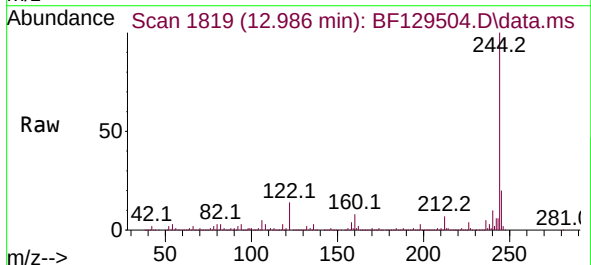
Instrument :
BNA_F
ClientSampleId :
RVE-79D

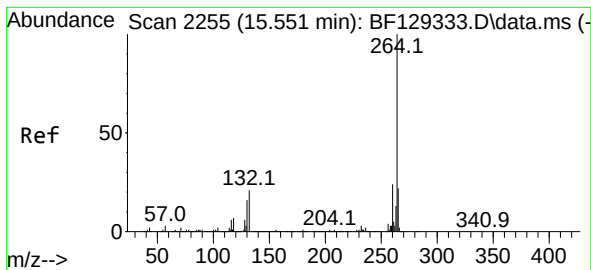
Tgt Ion:240 Resp: 282031
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 71.408 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF129504.D
Acq: 02 Aug 2022 13:04

Tgt Ion:244 Resp: 1067495
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 13.5 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: BF129504.D
Acq: 02 Aug 2022 13:04

Instrument :
BNA_F
ClientSampleId :
RVE-79D

Tgt Ion:264 Resp: 311172

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	21.7	17.2	25.8

