

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129459.D
 Acq On : 30 Jul 2022 00:34
 Operator : CG\JU
 Sample : N3895-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-52

Quant Time: Jul 30 01:12:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

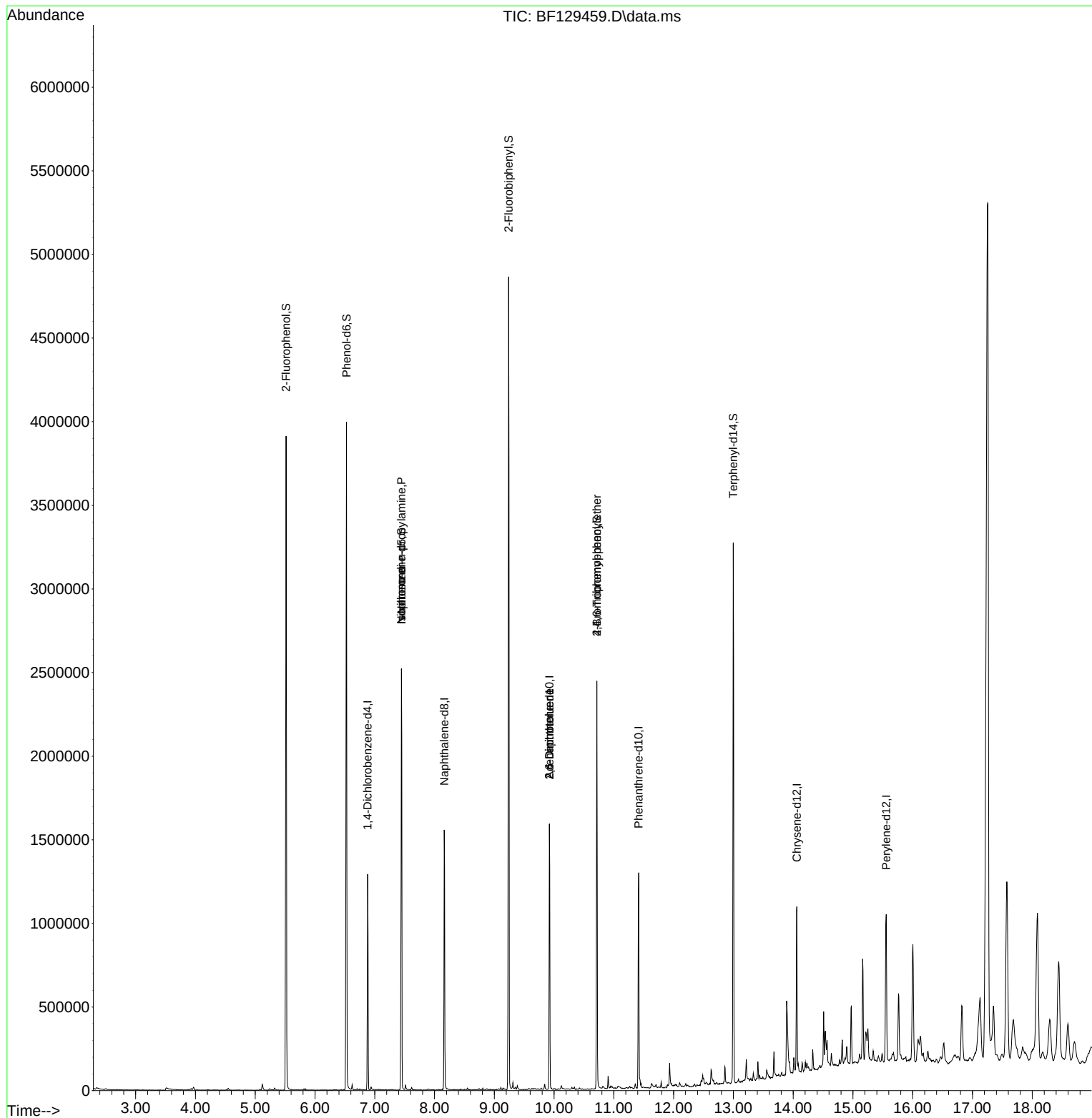
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	175464	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	664249	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	329534	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	442481	20.000	ng	0.00
76) Chrysene-d12	14.063	240	337901	20.000	ng	0.00
86) Perylene-d12	15.557	264	341686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1009301	93.703	ng	0.02
7) Phenol-d6	6.528	99	1280002	94.543	ng	0.01
23) Nitrobenzene-d5	7.445	82	807661	66.374	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	257748	81.354	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1438066	67.508	ng	0.00
79) Terphenyl-d14	12.998	244	1056545	58.989	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	107237	13.084	ng	# 75
25) Isophorone	7.445	82	807650	37.028	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	42318	8.311	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	42318	6.362	ng	# 22
67) 4-Bromophenyl-phenylether	10.716	248	16287	3.361	ng	# 1

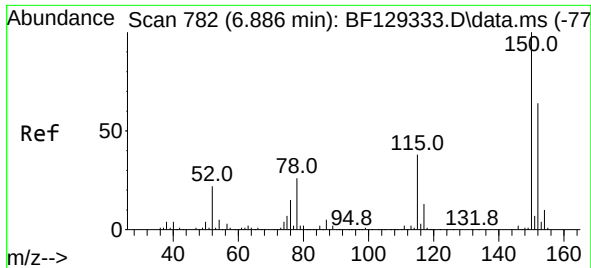
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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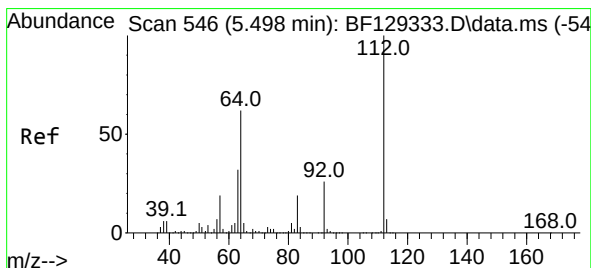
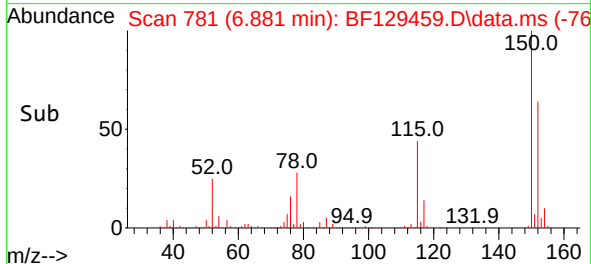
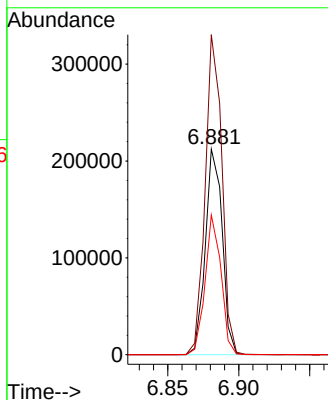
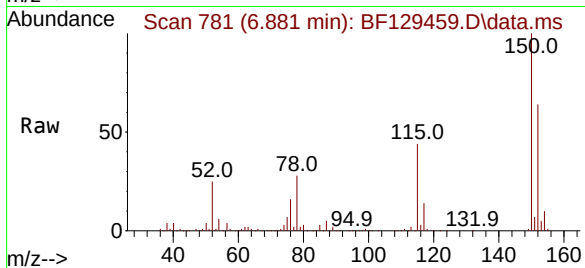




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129459.D
 Acq: 30 Jul 2022 00:34

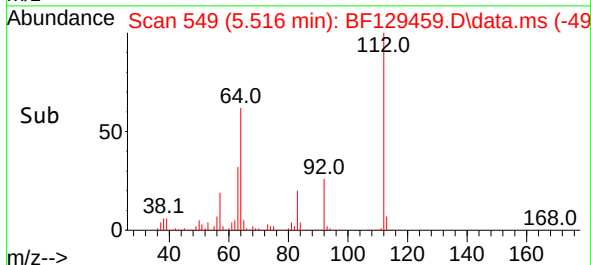
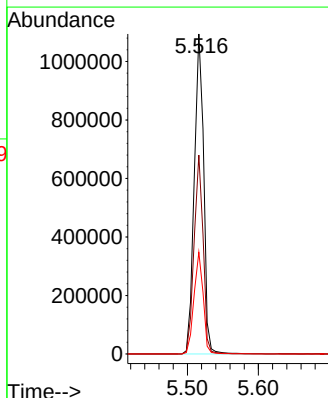
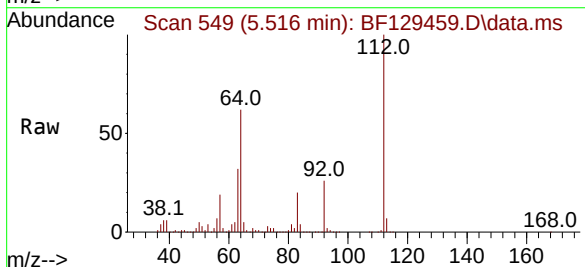
Instrument :
 BNA_F
 ClientSampleId :
 RVE-52

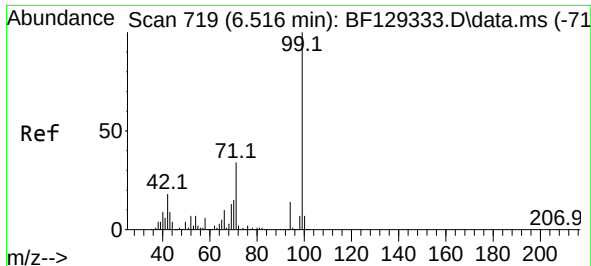
Tgt Ion:152 Resp: 175464
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.7 185.5
 115 67.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 93.703 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129459.D
 Acq: 30 Jul 2022 00:34

Tgt Ion:112 Resp: 1009301
 Ion Ratio Lower Upper
 112 100
 64 62.1 53.3 79.9
 63 31.8 28.0 42.0

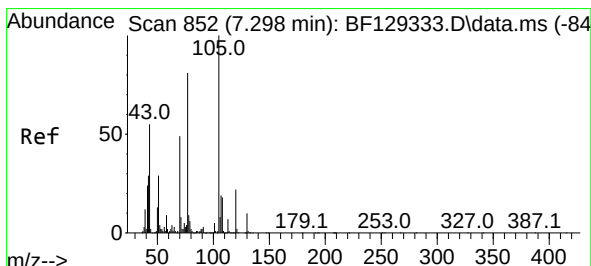
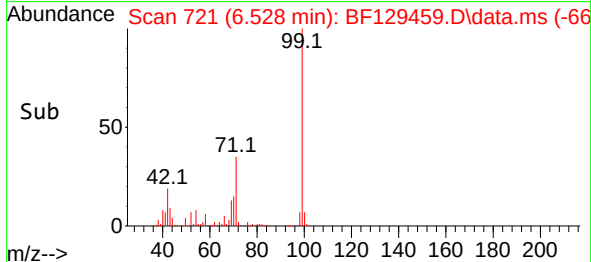
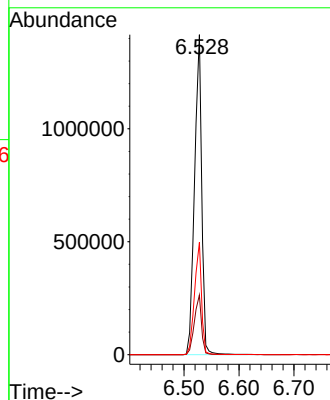
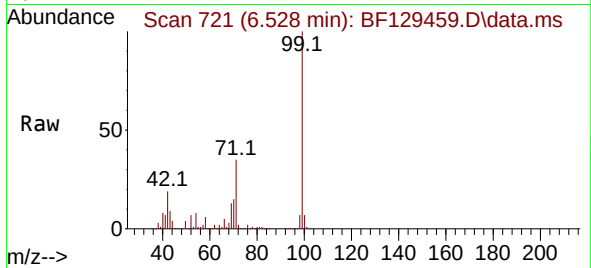




#7
Phenol-d6
Concen: 94.543 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

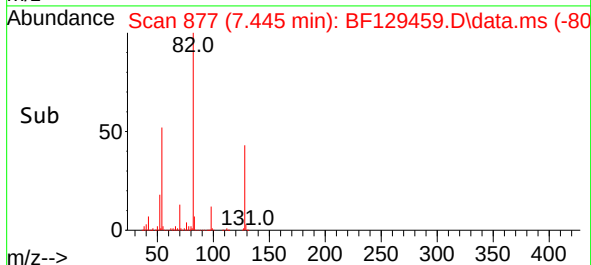
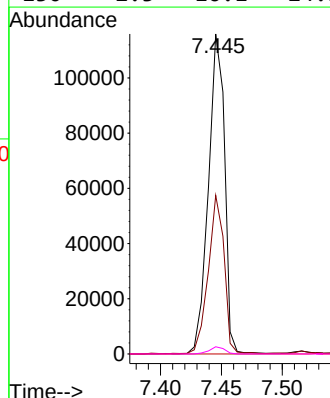
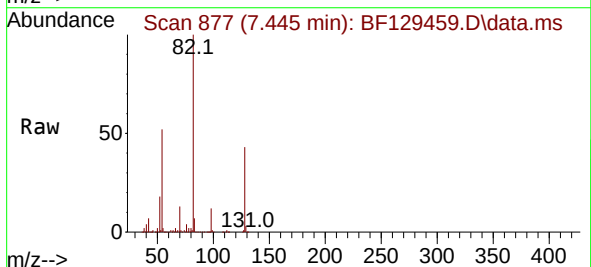
Instrument :
BNA_F
ClientSampleId :
RVE-52

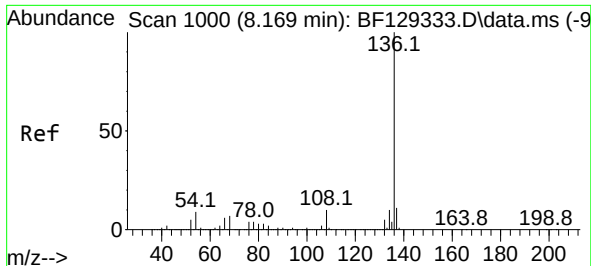
Tgt Ion: 99 Resp: 1280002
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.084 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

Tgt Ion: 70 Resp: 107237
Ion Ratio Lower Upper
70 100
42 49.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



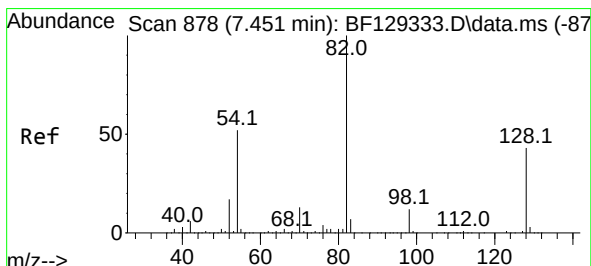
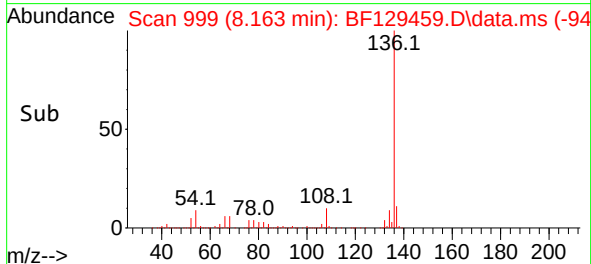
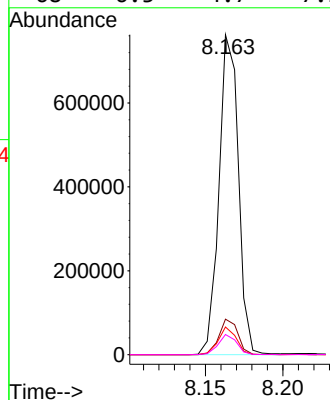
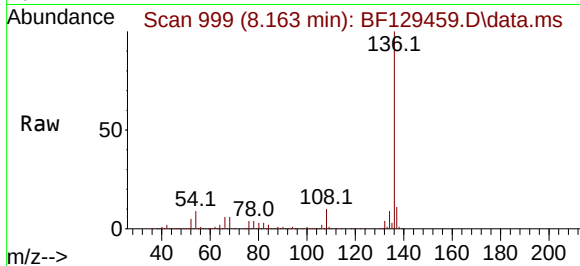


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

Instrument :
BNA_F
ClientSampleId :
RVE-52

Tgt Ion:136 Resp: 664249

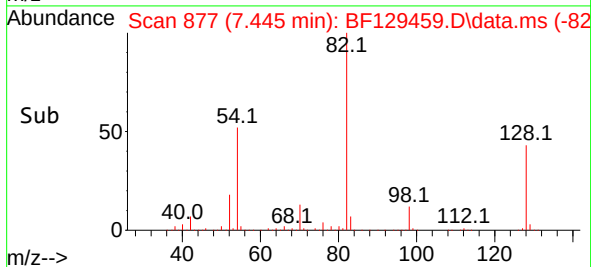
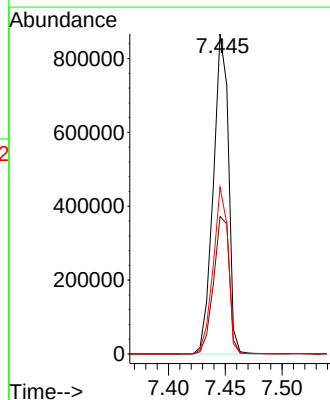
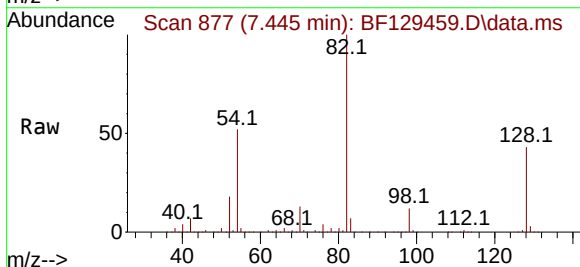
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	7.5	11.3
68	6.3	4.7	7.1

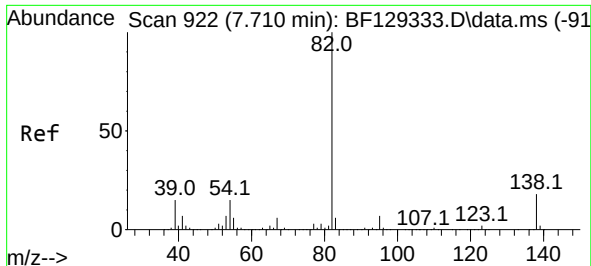


#23
Nitrobenzene-d5
Concen: 66.374 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

Tgt Ion: 82 Resp: 807661

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	52.1	46.9	70.3

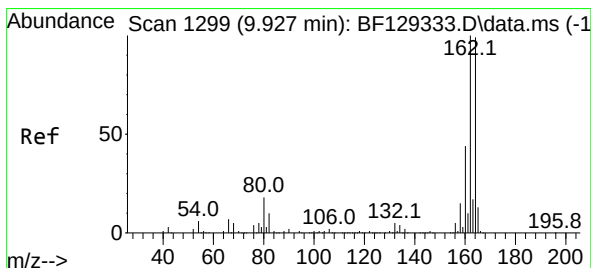
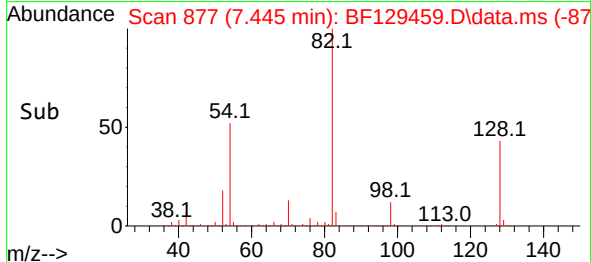
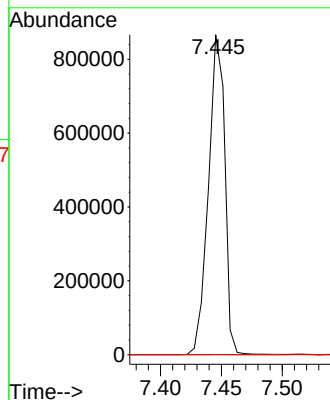
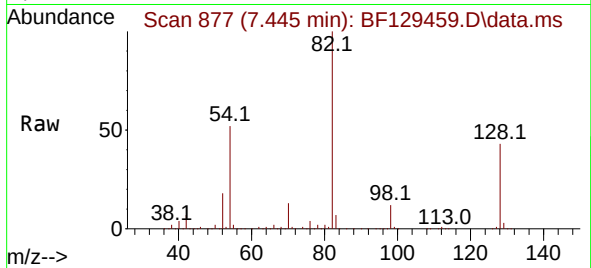




#25
Isophorone
Concen: 37.028 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

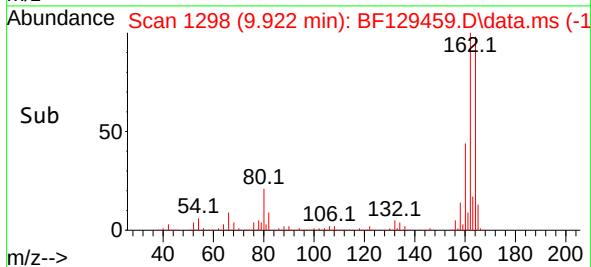
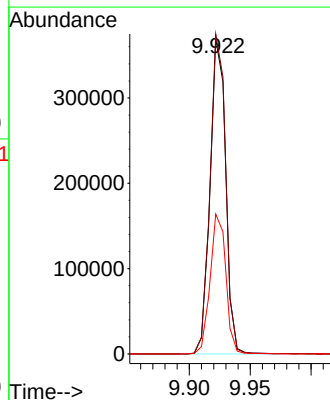
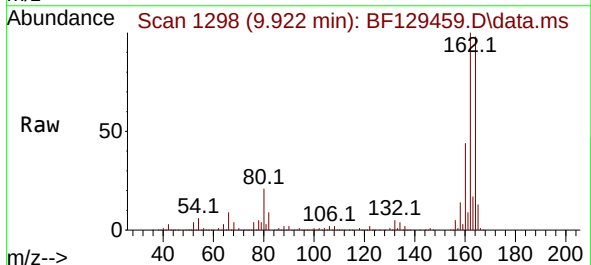
Instrument :
BNA_F
ClientSampleId :
RVE-52

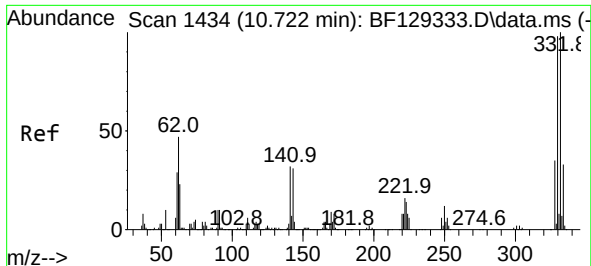
Tgt Ion: 82 Resp: 807650
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

Tgt Ion: 164 Resp: 329534
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 81.354 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129459.D

Acq: 30 Jul 2022 00:34

Instrument :

BNA_F

ClientSampleId :

RVE-52

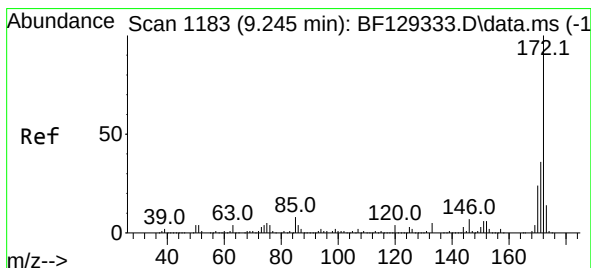
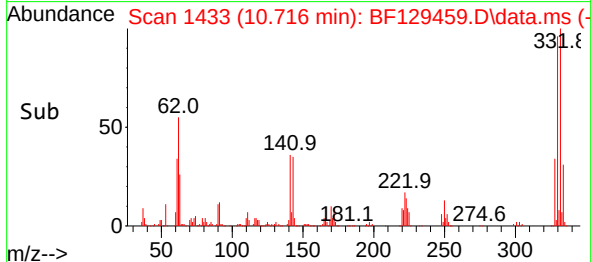
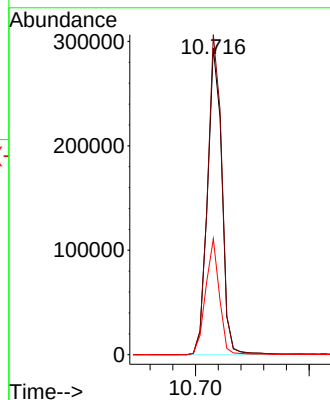
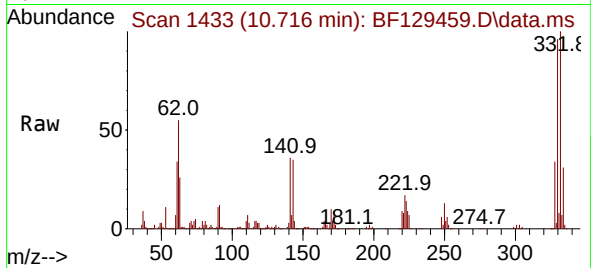
Tgt Ion:330 Resp: 257748

Ion Ratio Lower Upper

330 100

332 103.8 76.8 115.2

141 36.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.508 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129459.D

Acq: 30 Jul 2022 00:34

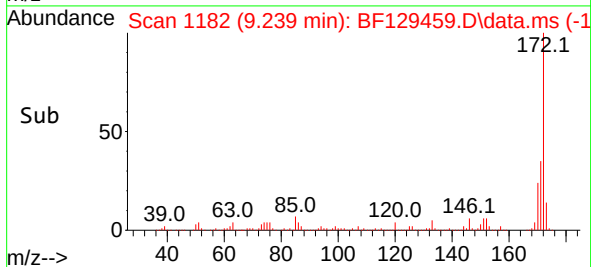
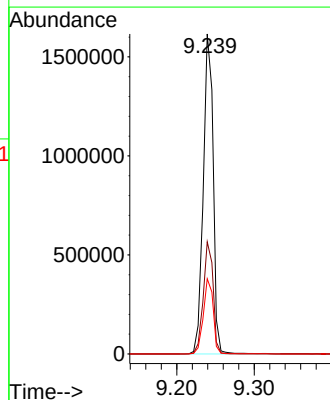
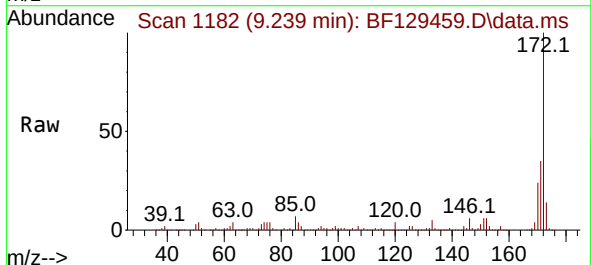
Tgt Ion:172 Resp: 1438066

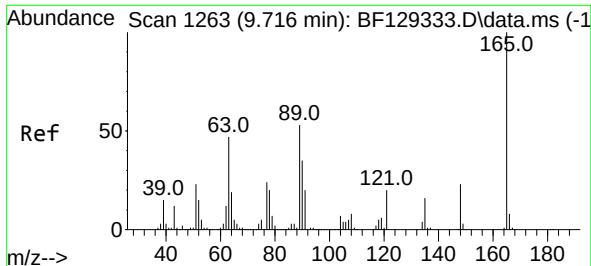
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.311 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129459.D

Acq: 30 Jul 2022 00:34

Instrument :

BNA_F

ClientSampleId :

RVE-52

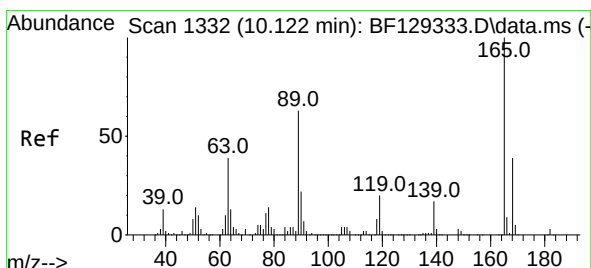
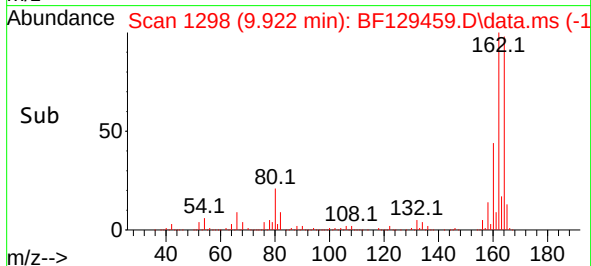
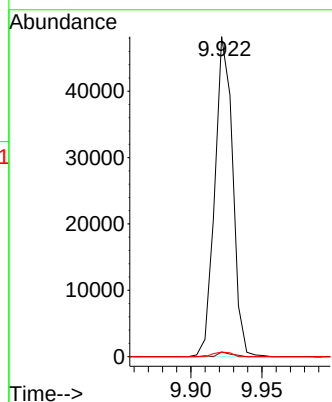
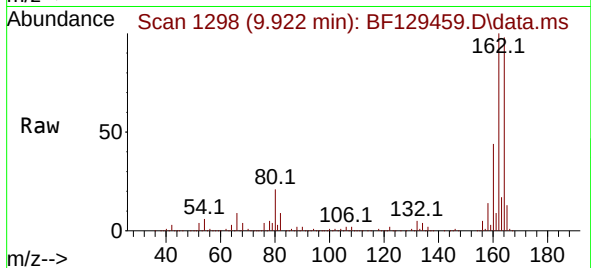
Tgt Ion:165 Resp: 42318

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.362 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129459.D

Acq: 30 Jul 2022 00:34

Tgt Ion:165 Resp: 42318

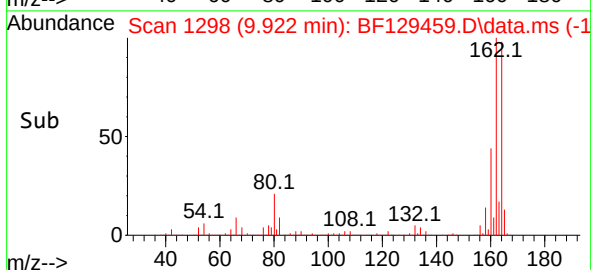
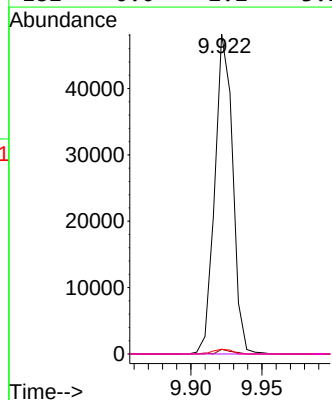
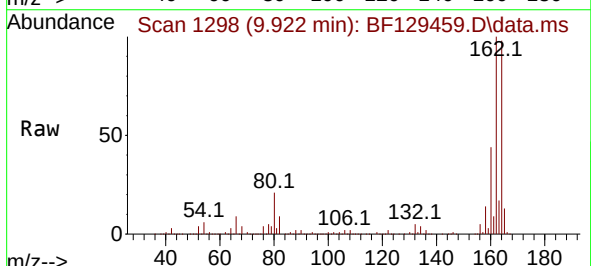
Ion Ratio Lower Upper

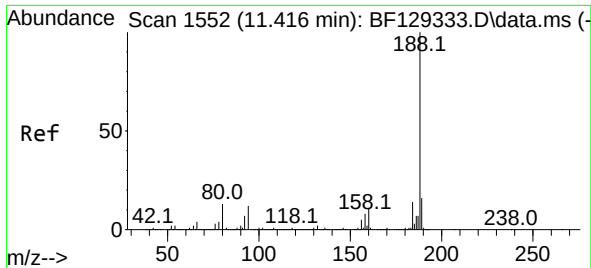
165 100

63 1.5 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

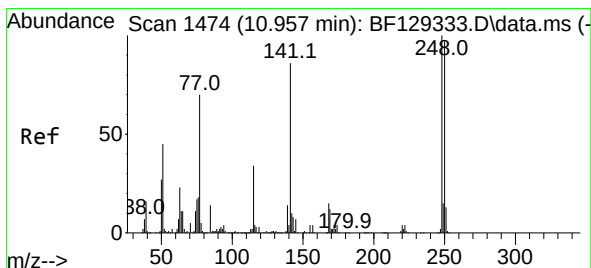
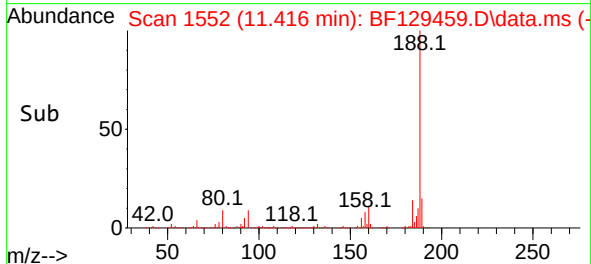
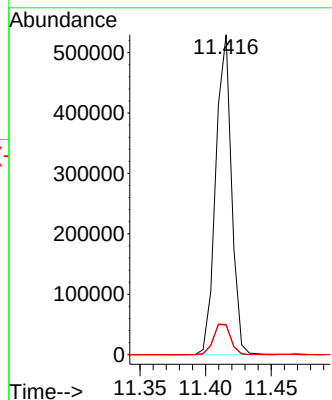
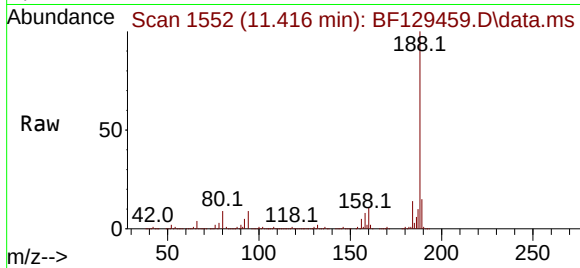




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

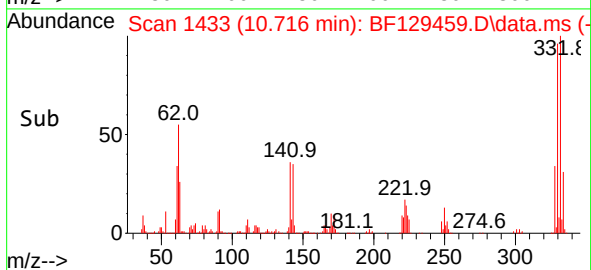
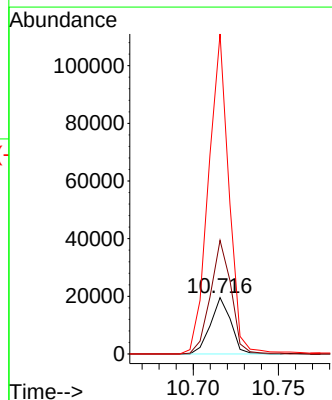
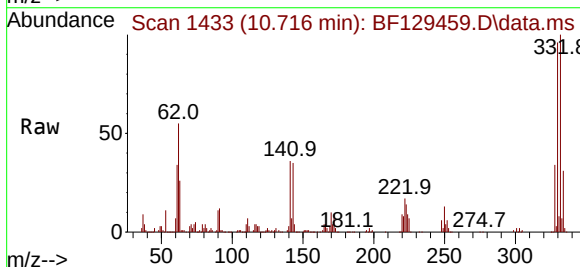
Instrument :
BNA_F
ClientSampleId :
RVE-52

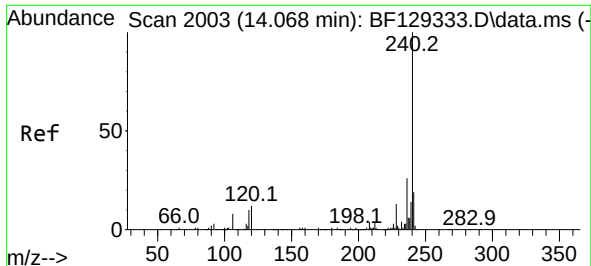
Tgt Ion:188 Resp: 442481
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.361 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

Tgt Ion:248 Resp: 16287
Ion Ratio Lower Upper
248 100
250 202.0 80.6 120.8#
141 568.7 58.9 88.3#

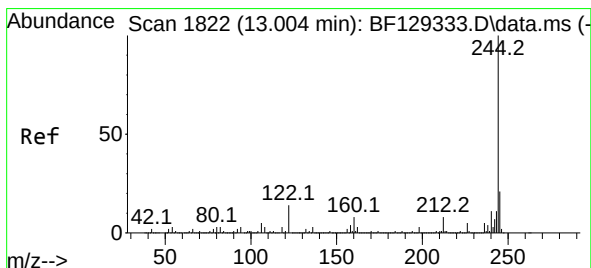
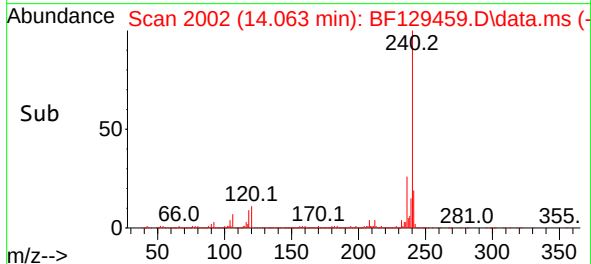
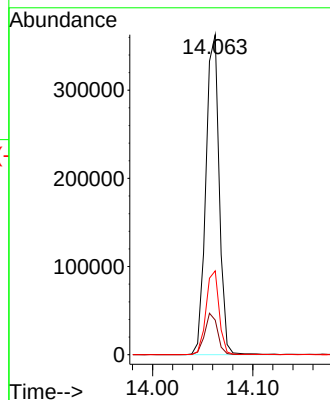
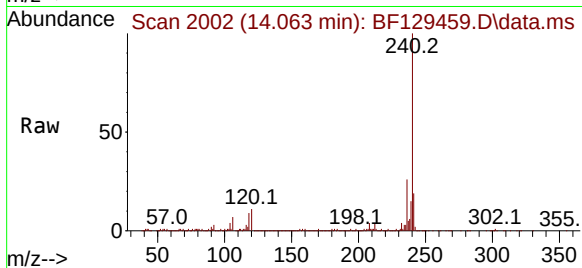




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

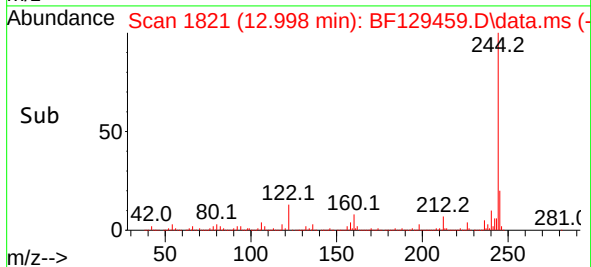
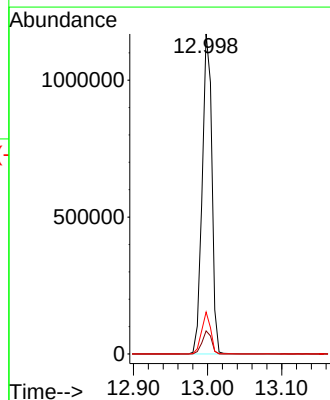
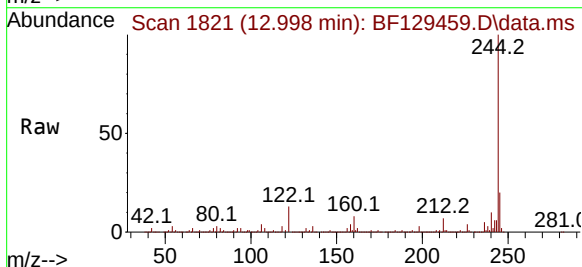
Instrument :
BNA_F
ClientSampleId :
RVE-52

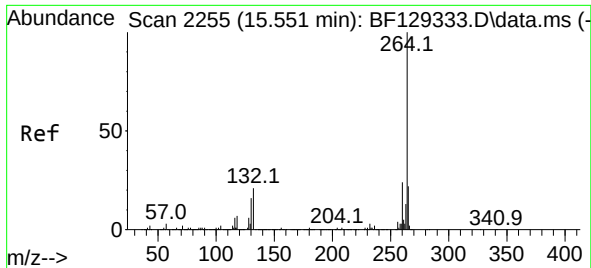
Tgt Ion:240 Resp: 337901
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.2 20.8 31.2



#79
Terphenyl-d14
Concen: 58.989 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

Tgt Ion:244 Resp: 1056545
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129459.D
Acq: 30 Jul 2022 00:34

Instrument :
BNA_F
ClientSampleId :
RVE-52

Tgt Ion:264 Resp: 341686

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	21.5	17.2	25.8

