

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129691.D
 Acq On : 10 Aug 2022 11:31
 Operator : CG\JU
 Sample : PB146613BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146613BL

Quant Time: Aug 10 15:28:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

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

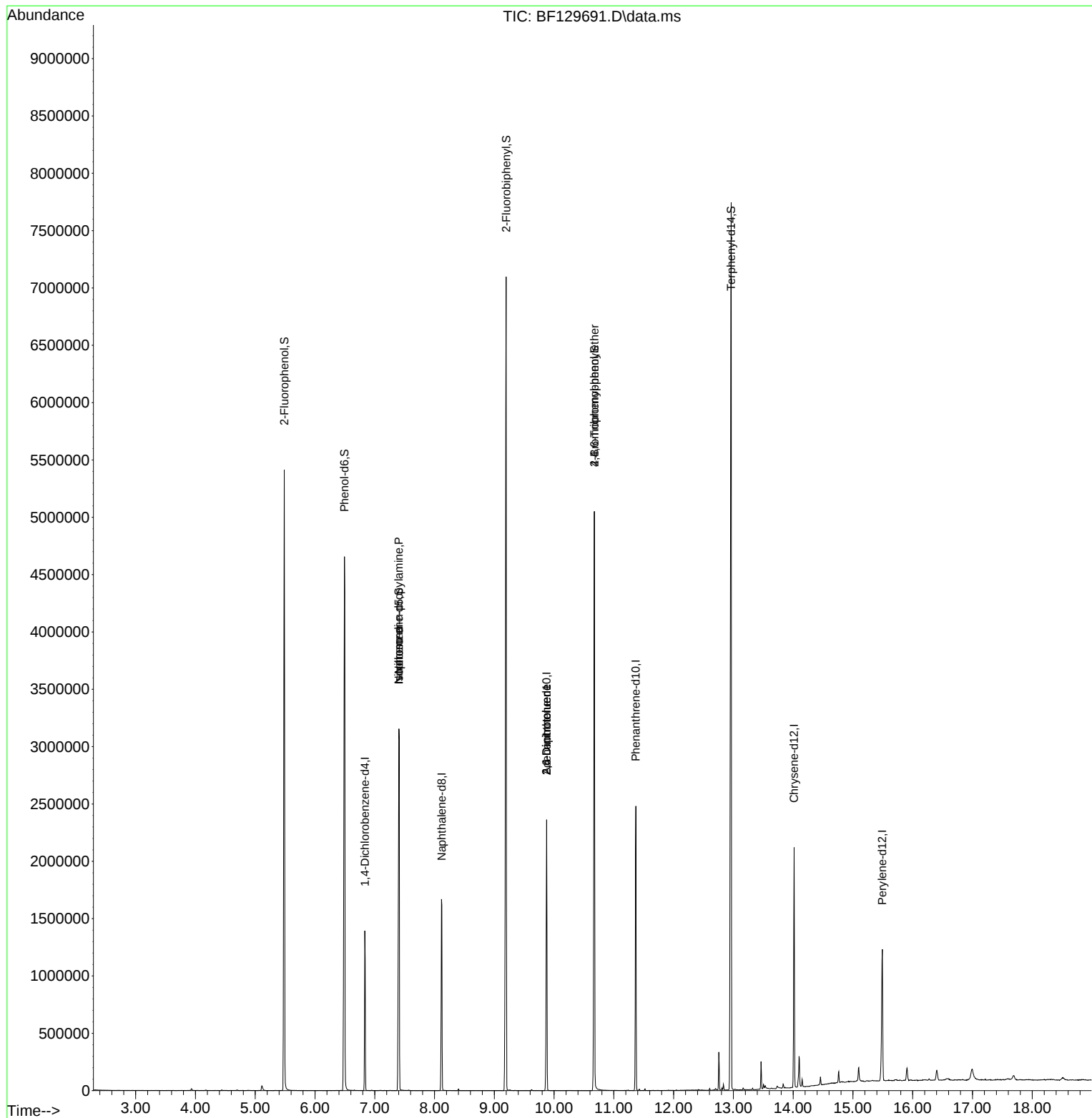
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	203487	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	841835	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	470201	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	871117	20.000	ng	0.00
76) Chrysene-d12	14.015	240	645775	20.000	ng	0.00
86) Perylene-d12	15.492	264	505999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1586316	126.991	ng	0.01
7) Phenol-d6	6.492	99	2022946	128.841	ng	0.00
23) Nitrobenzene-d5	7.404	82	1346310	87.301	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	641373	141.877	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2475641	81.448	ng	0.00
79) Terphenyl-d14	12.963	244	3081089	90.012	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	182020	19.149	ng	# 72
25) Isophorone	7.404	82	1325841	47.963	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	61398	8.451	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	61398	6.469	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	39081	4.097	ng	# 1

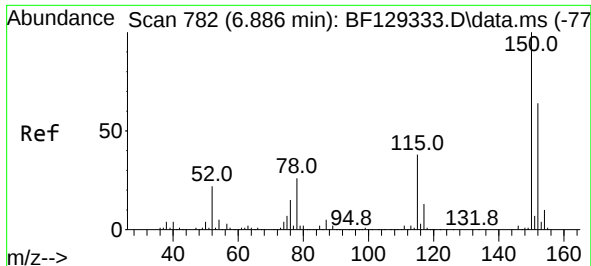
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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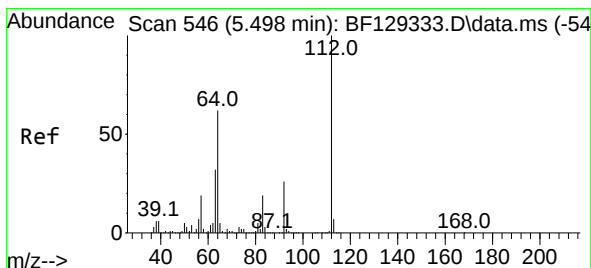
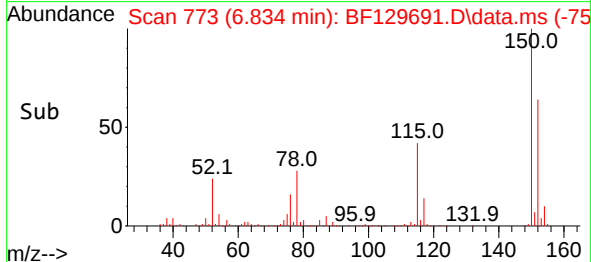
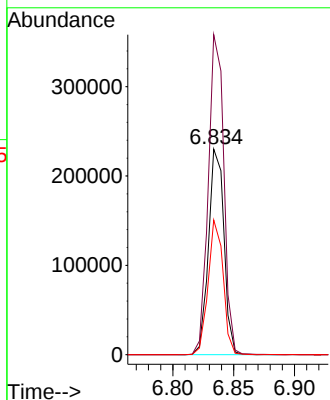
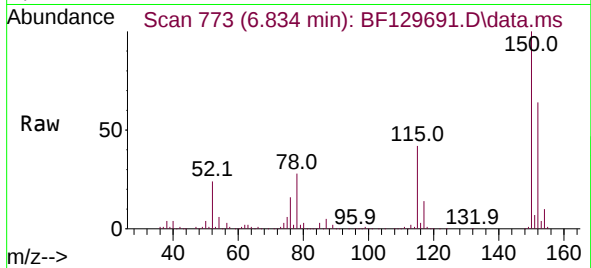




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129691.D
 Acq: 10 Aug 2022 11:31

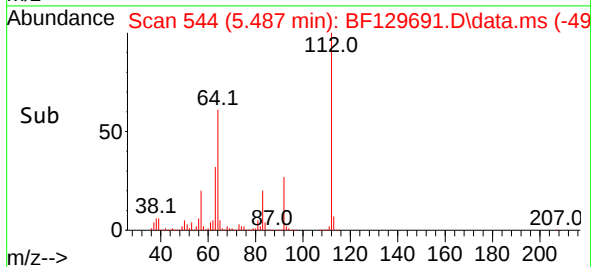
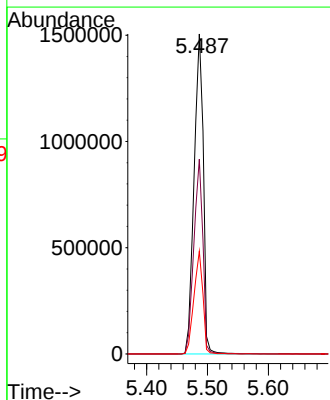
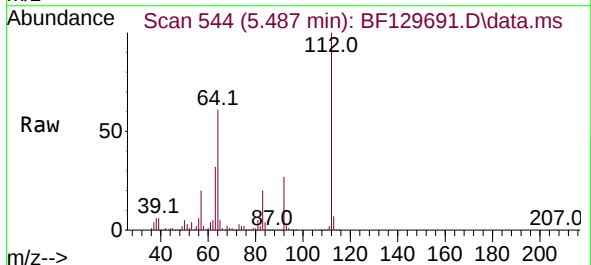
Instrument :
 BNA_F
 ClientSampleId :
 PB146613BL

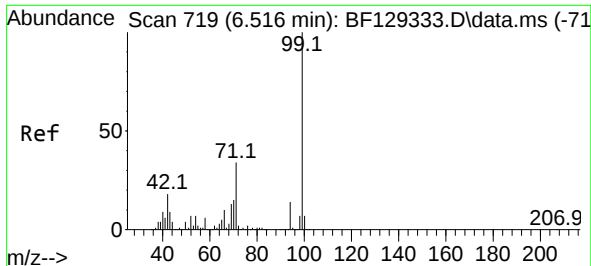
Tgt Ion:152 Resp: 203487
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.7 185.5
 115 65.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 126.991 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.012 min
 Lab File: BF129691.D
 Acq: 10 Aug 2022 11:31

Tgt Ion:112 Resp: 1586316
 Ion Ratio Lower Upper
 112 100
 64 60.9 53.3 79.9
 63 32.1 28.0 42.0



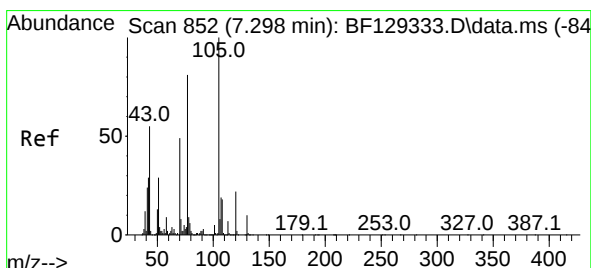
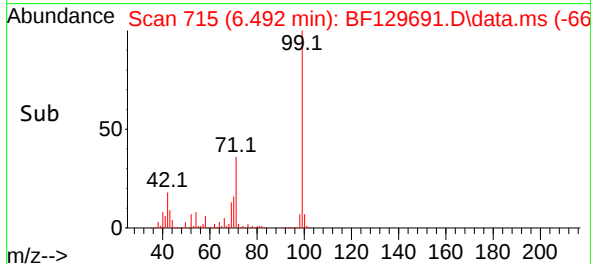
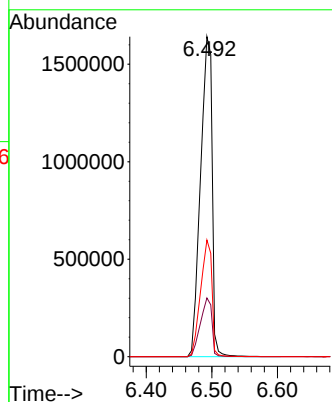
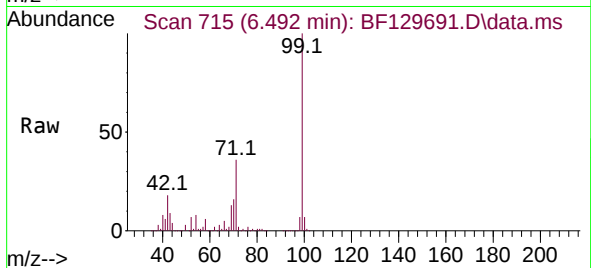


#7
Phenol-d6
Concen: 128.841 ng
RT: 6.492 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

Instrument :
BNA_F
ClientSampleId :
PB146613BL

Tgt Ion: 99 Resp: 2022946

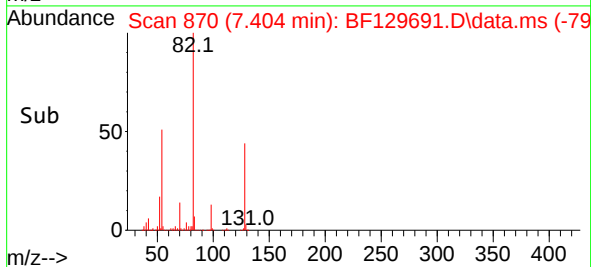
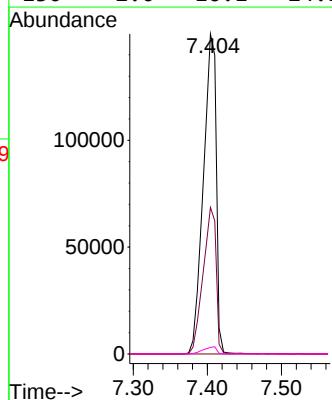
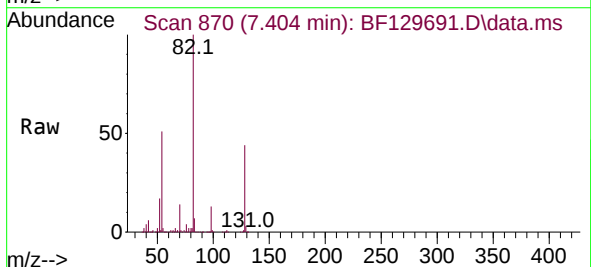
Ion	Ratio	Lower	Upper
99	100		
42	18.4	17.3	25.9
71	36.4	28.9	43.3

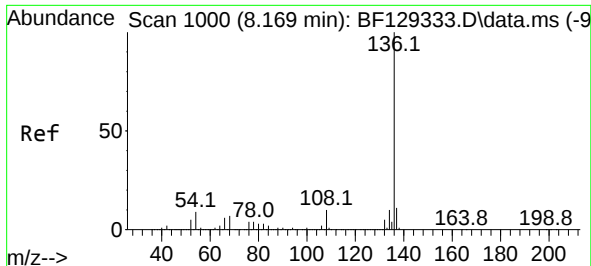


#19
n-Nitroso-di-n-propylamine
Concen: 19.149 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.147 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

Tgt Ion: 70 Resp: 182020

Ion	Ratio	Lower	Upper
70	100		
42	45.8	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#

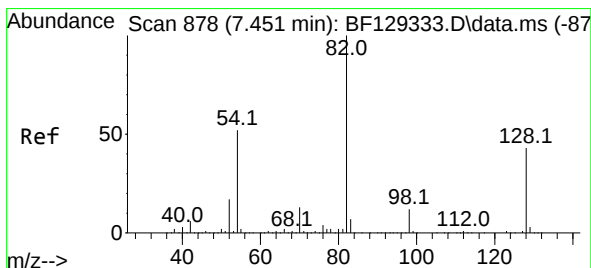
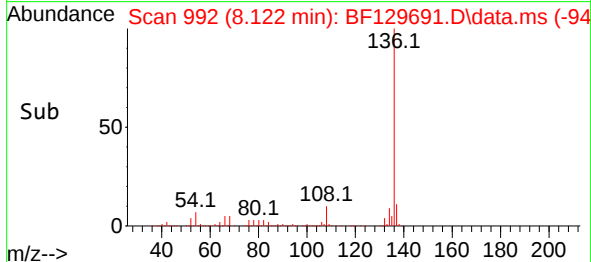
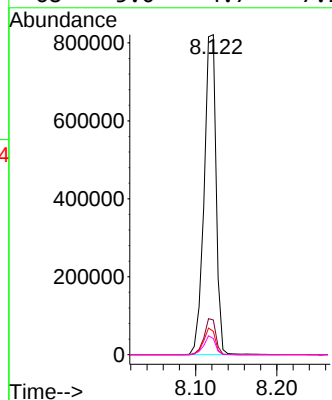
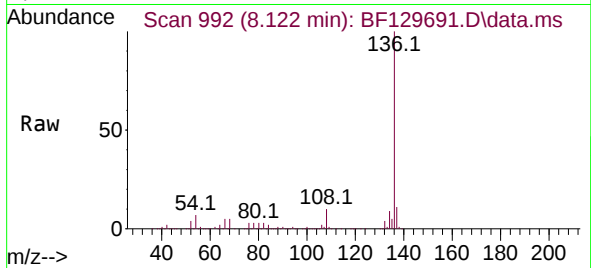




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

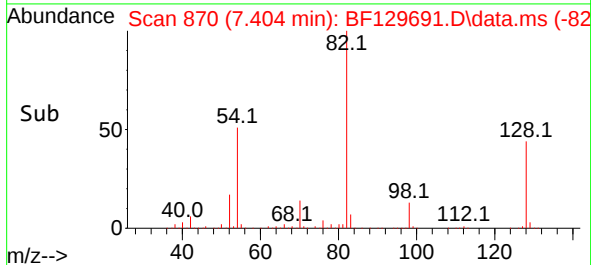
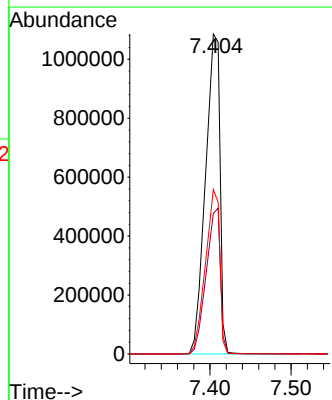
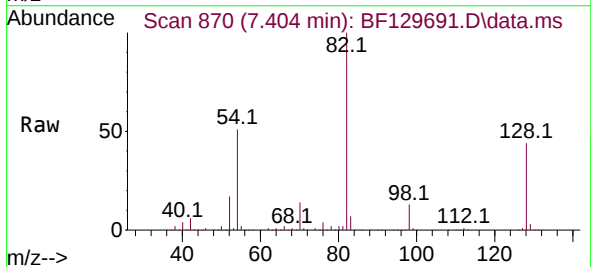
Instrument :
BNA_F
ClientSampleId :
PB146613BL

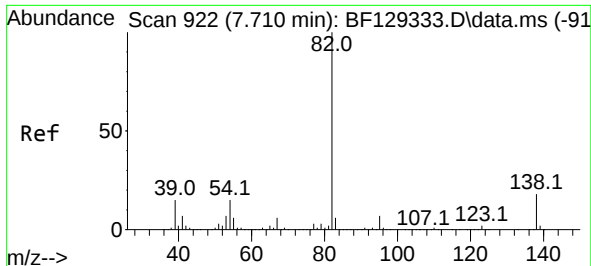
Tgt Ion:136 Resp: 841835
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 7.5 11.3#
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.301 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

Tgt Ion: 82 Resp: 1346310
Ion Ratio Lower Upper
82 100
128 43.9 34.0 51.0
54 51.4 46.9 70.3

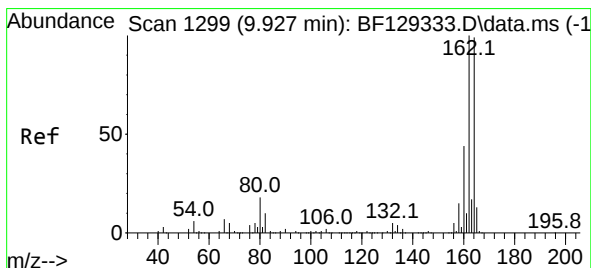
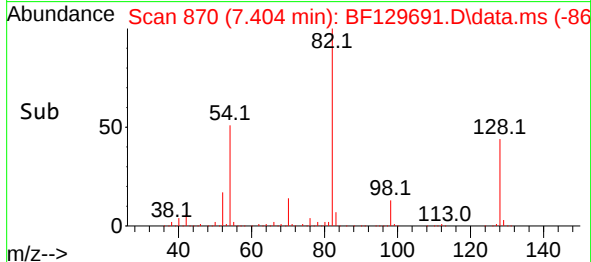
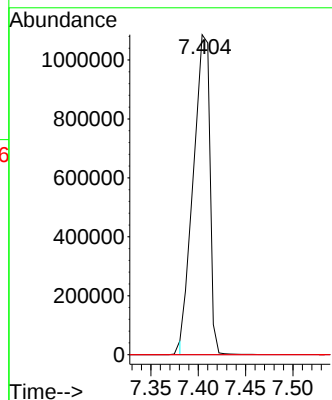
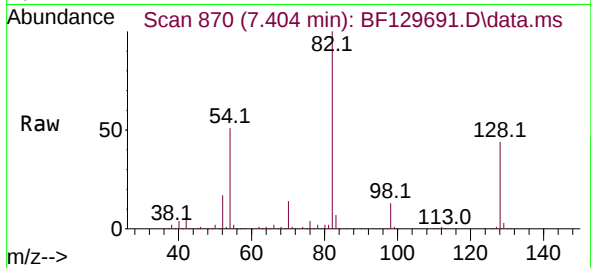




#25
Isophorone
Concen: 47.963 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

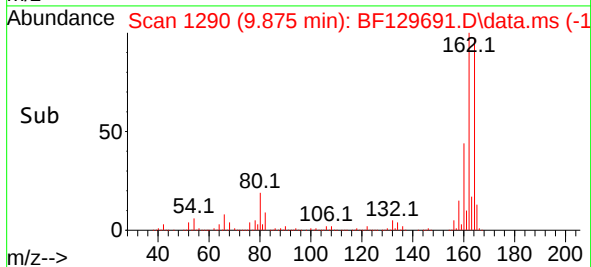
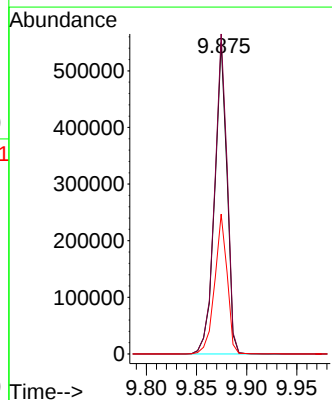
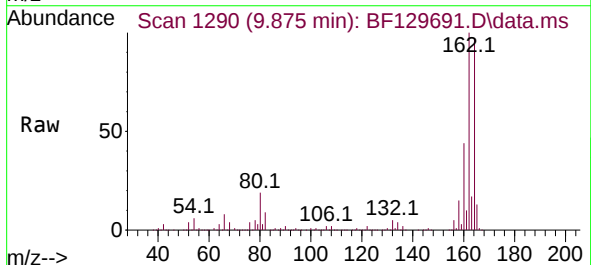
Instrument :
BNA_F
ClientSampleId :
PB146613BL

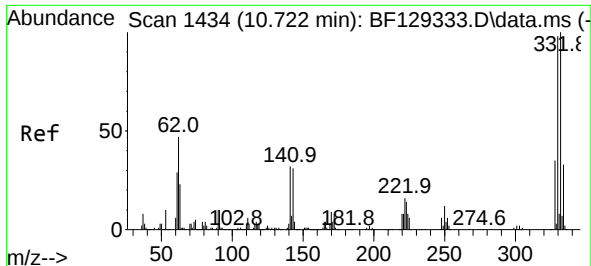
Tgt Ion: 82 Resp: 1325841
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

Tgt Ion:164 Resp: 470201
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.9 34.2 51.4

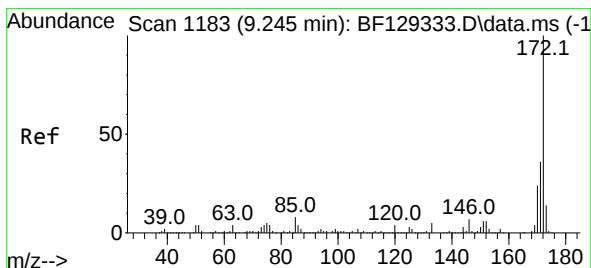
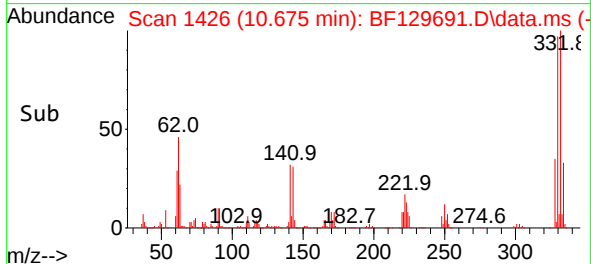
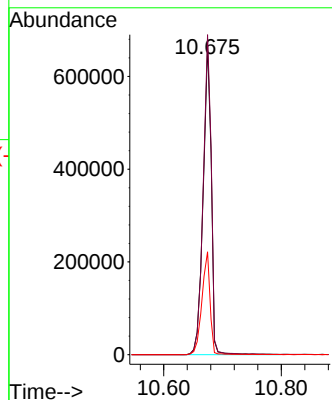
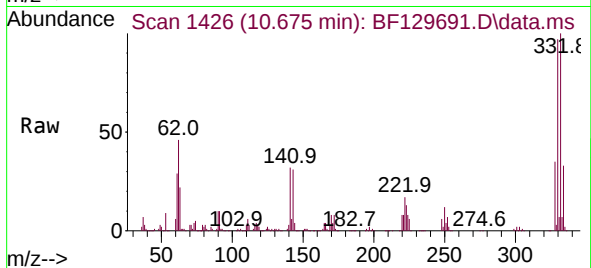




#42
2,4,6-Tribromophenol
Concen: 141.877 ng
RT: 10.675 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

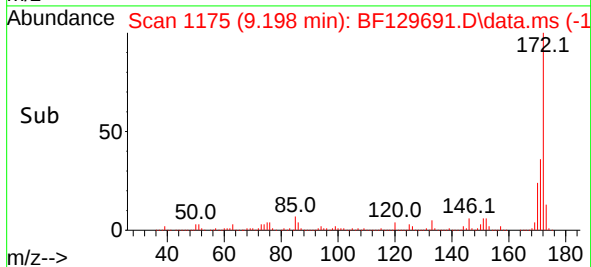
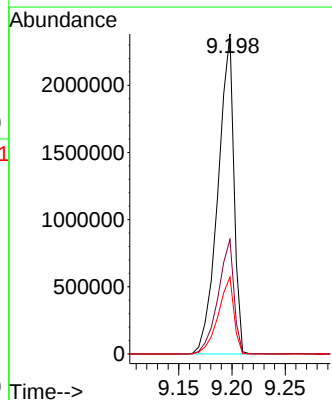
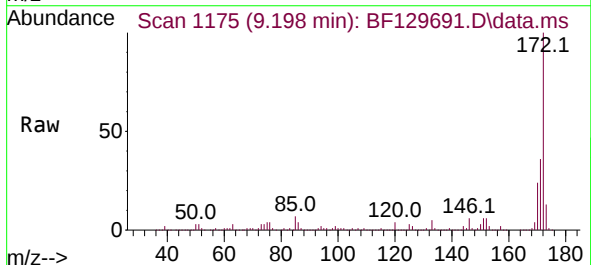
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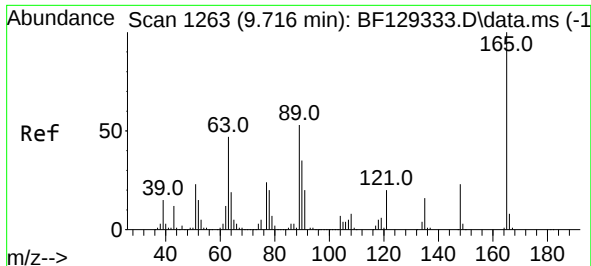
Tgt Ion: 330 Resp: 641373
Ion Ratio Lower Upper
330 100
332 102.3 76.8 115.2
141 33.3 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.448 ng
RT: 9.198 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

Tgt Ion: 172 Resp: 2475641
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.451 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF129691.D

Acq: 10 Aug 2022 11:31

Instrument :

BNA_F

ClientSampleId :

PB146613BL

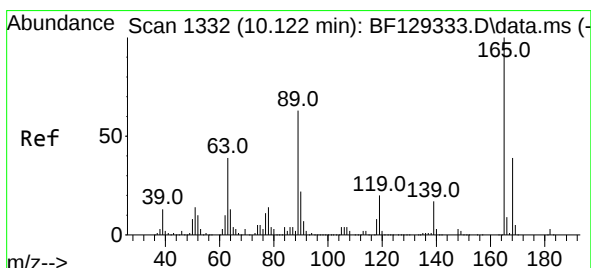
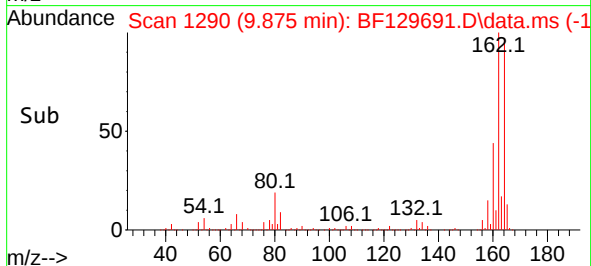
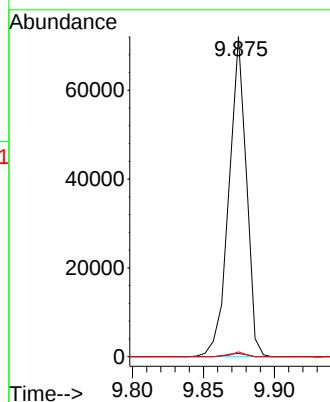
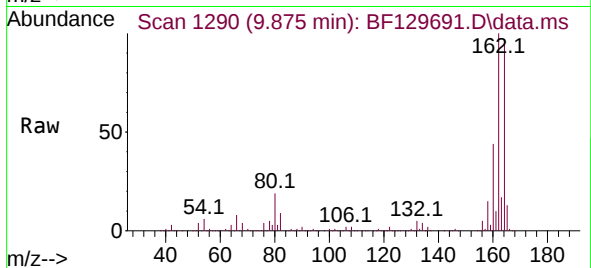
Tgt Ion:165 Resp: 61398

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: 6.469 ng

RT: 9.875 min Scan# 1290

Delta R.T. -0.206 min

Lab File: BF129691.D

Acq: 10 Aug 2022 11:31

Tgt Ion:165 Resp: 61398

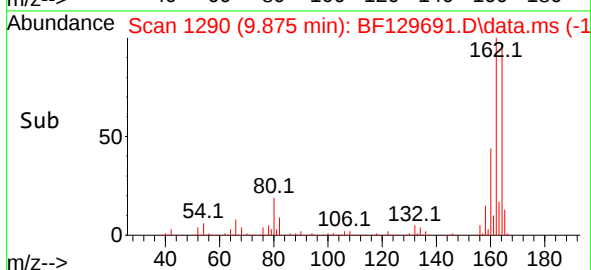
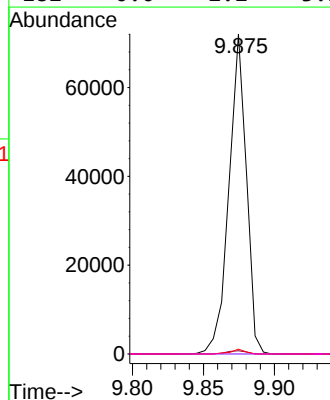
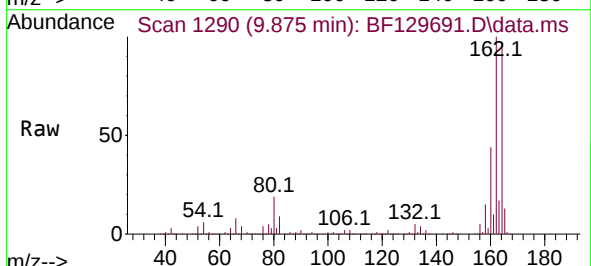
Ion Ratio Lower Upper

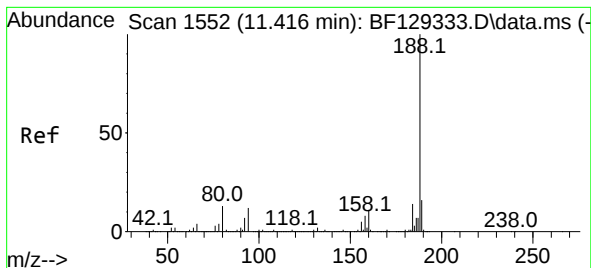
165 100

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: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129691.D

Acq: 10 Aug 2022 11:31

Instrument :

BNA_F

ClientSampleId :

PB146613BL

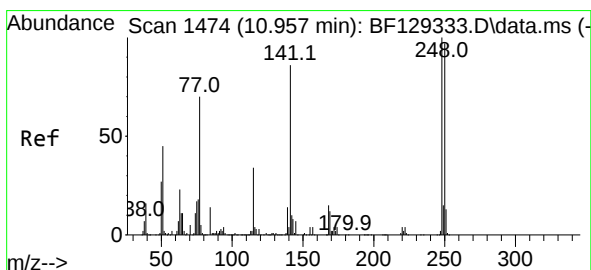
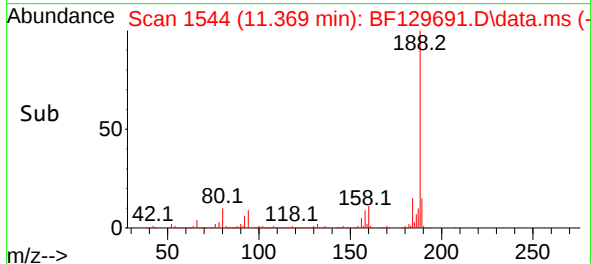
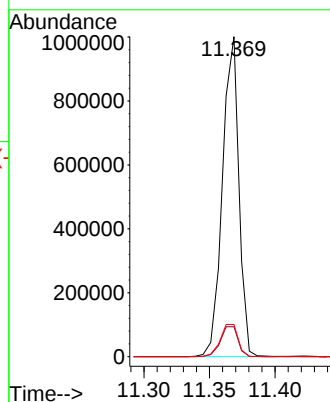
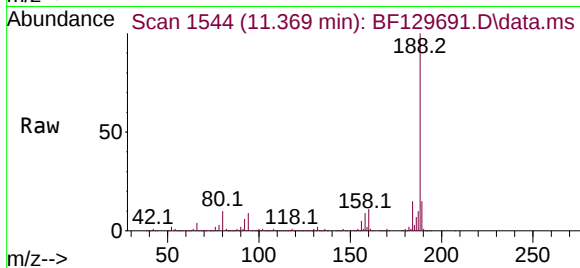
Tgt Ion:188 Resp: 871117

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 10.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.097 ng

RT: 10.675 min Scan# 1426

Delta R.T. -0.235 min

Lab File: BF129691.D

Acq: 10 Aug 2022 11:31

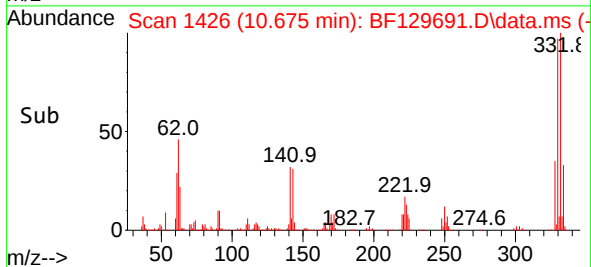
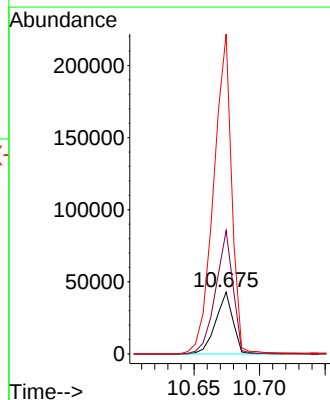
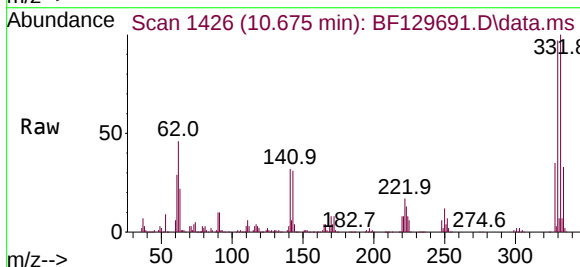
Tgt Ion:248 Resp: 39081

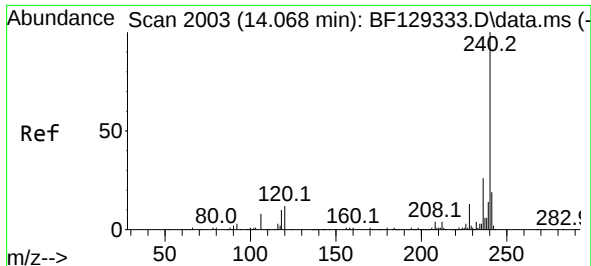
Ion Ratio Lower Upper

248 100

250 199.7 80.6 120.8#

141 517.9 58.9 88.3#

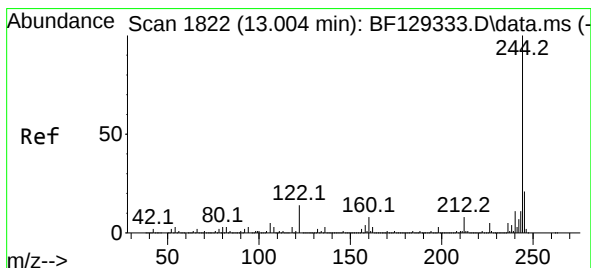
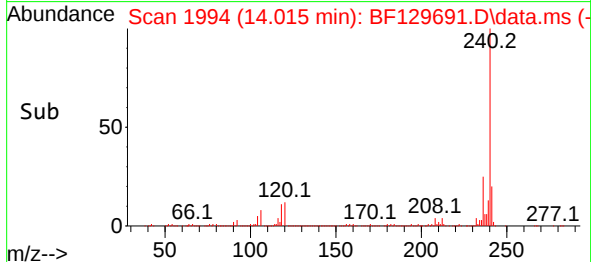
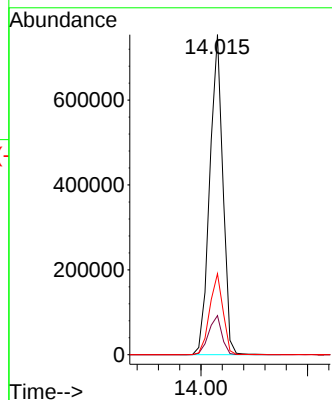
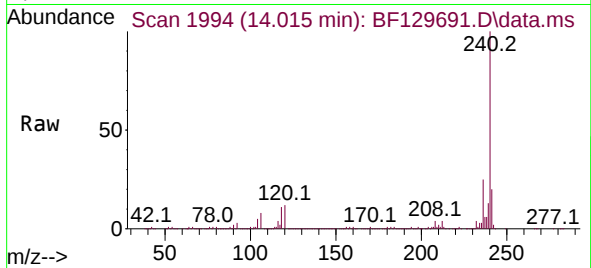




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

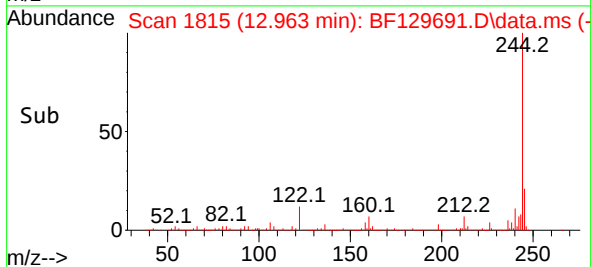
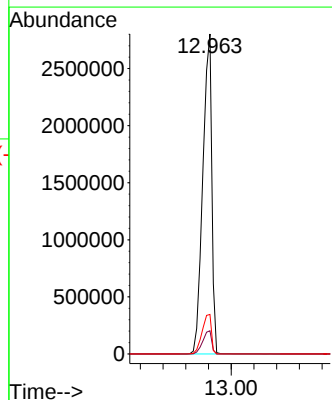
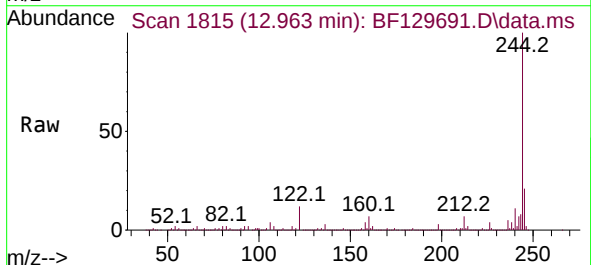
Instrument :
BNA_F
ClientSampleId :
PB146613BL

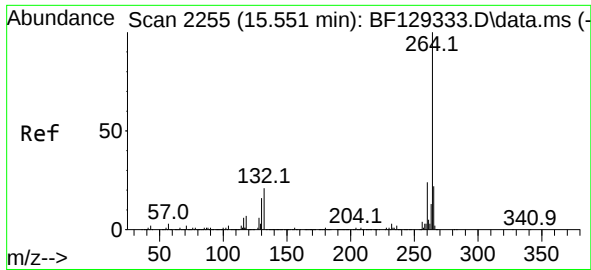
Tgt Ion:240 Resp: 645775
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 90.012 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF129691.D
Acq: 10 Aug 2022 11:31

Tgt Ion:244 Resp: 3081089
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF129691.D
 Acq: 10 Aug 2022 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB146613BL

Tgt Ion:264 Resp: 505999
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.4 17.2 25.8

