

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129723.D
 Acq On : 11 Aug 2022 19:29
 Operator : CG\JU
 Sample : N4130-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02

Quant Time: Aug 12 00:02:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

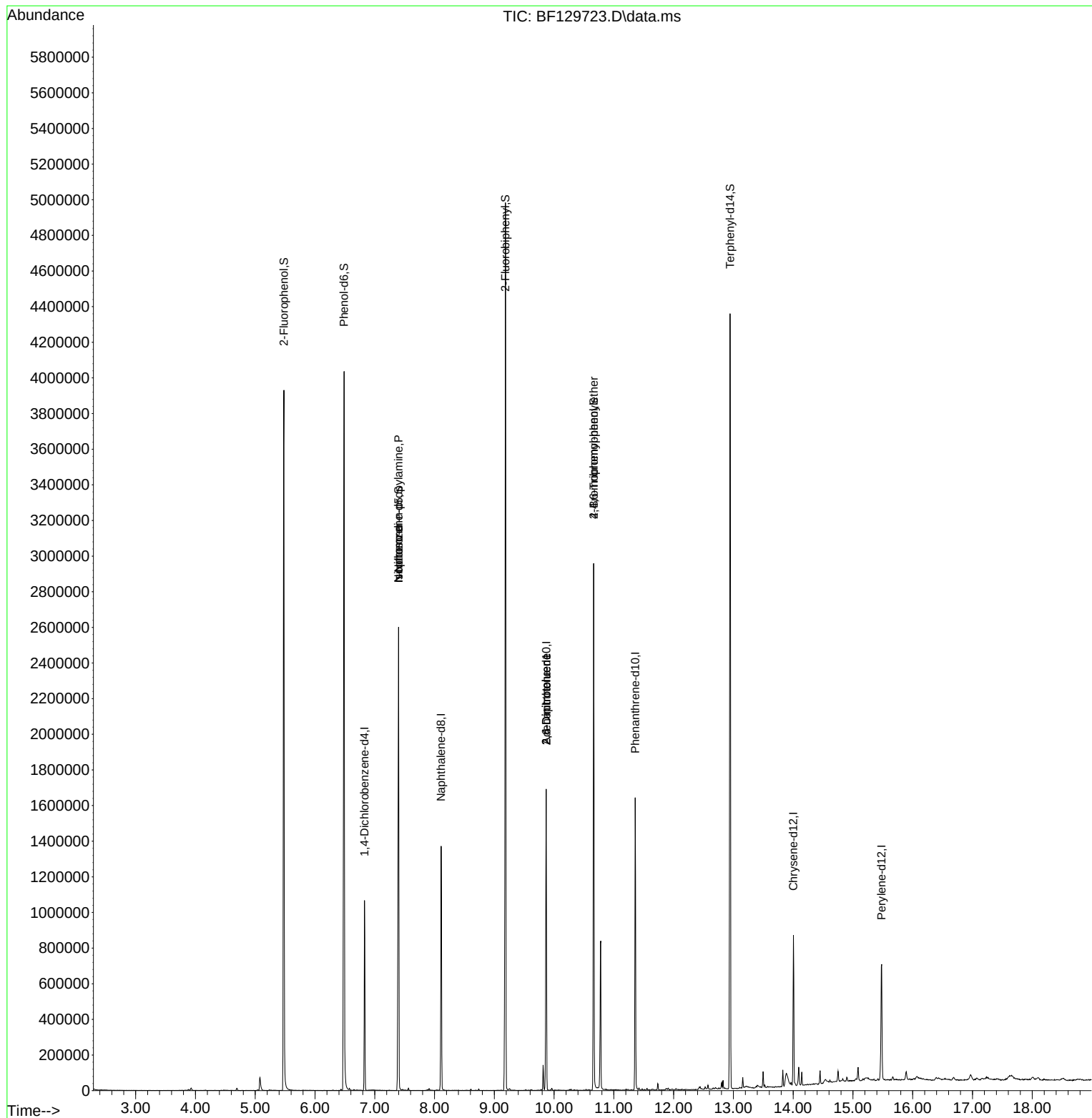
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	151188	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	618471	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	328781	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	559071	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	263665	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	292138	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1115156	120.154	ng	0.01
7) Phenol-d6	6.486	99	1398691	119.898	ng	0.00
23) Nitrobenzene-d5	7.398	82	894723	78.972	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	329920	104.373	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1631567	76.767	ng	-0.01
79) Terphenyl-d14	12.945	244	1480490	105.932	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	118364	16.760	ng	# 72
25) Isophorone	7.398	82	894711	44.056	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	42848	8.435	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	42848	6.457	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	20525	3.353	ng	# 1

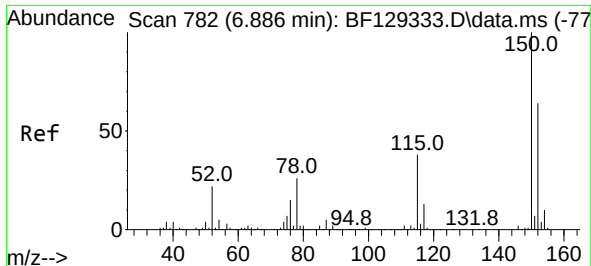
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 12 00:02:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 23:50:03 2022
Response via : Initial Calibration

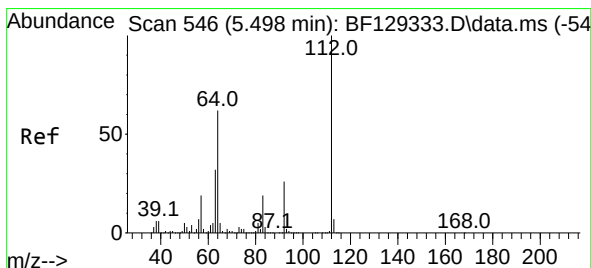
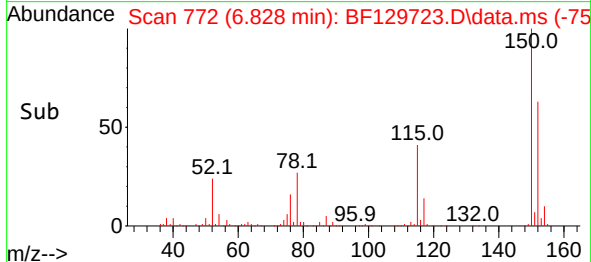
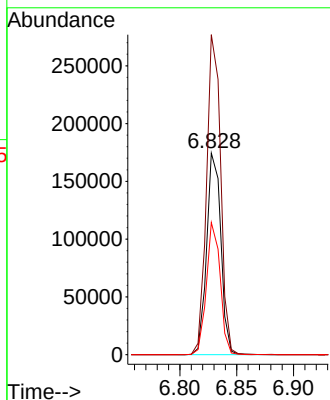
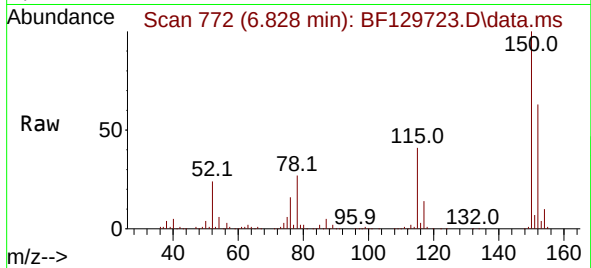




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

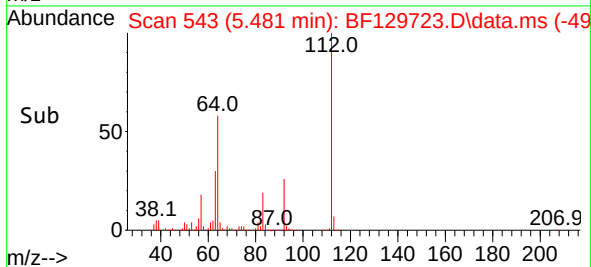
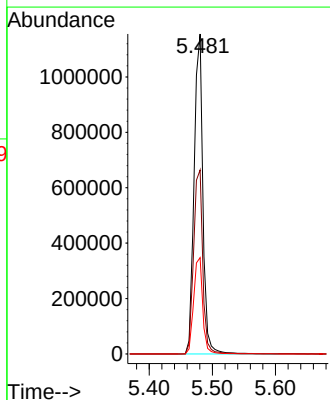
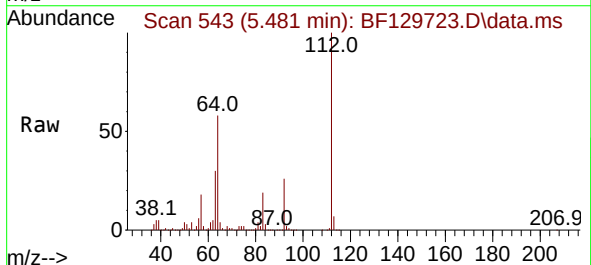
Instrument :
BNA_F
ClientSampleId :
SB02

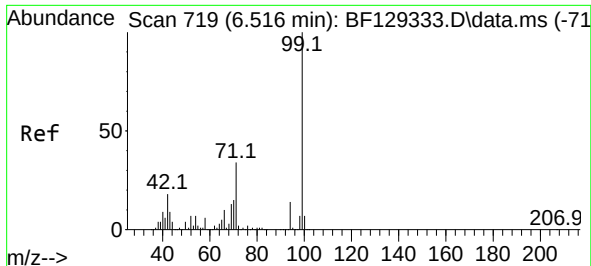
Tgt Ion:152 Resp: 151188
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 65.6 49.9 74.9



#5
2-Fluorophenol
Concen: 120.154 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.011 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Tgt Ion:112 Resp: 1115156
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 30.1 28.0 42.0



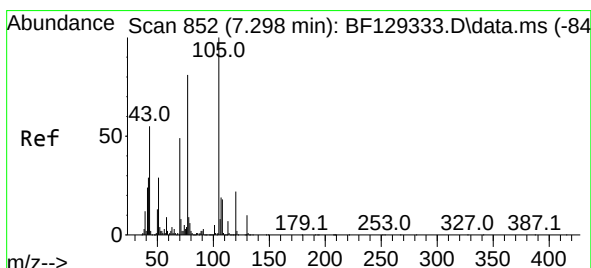
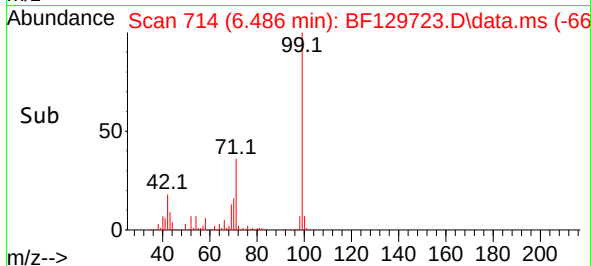
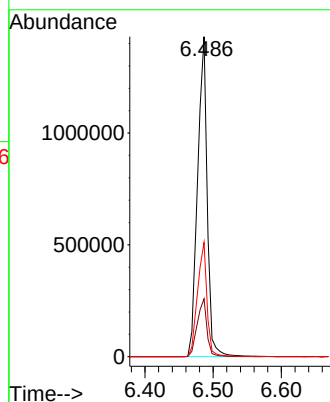
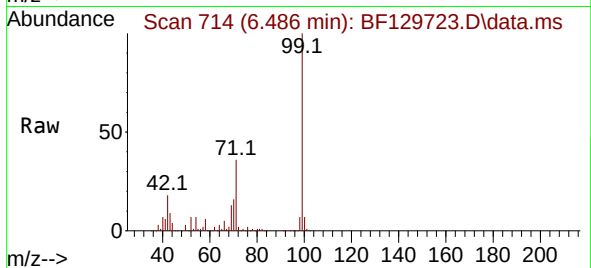


#7
Phenol-d6
Concen: 119.898 ng
RT: 6.486 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Instrument :
BNA_F
ClientSampleId :
SB02

Tgt Ion: 99 Resp: 1398691

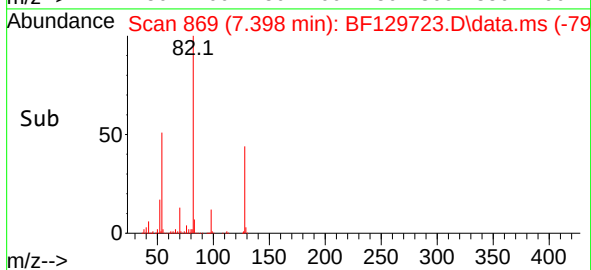
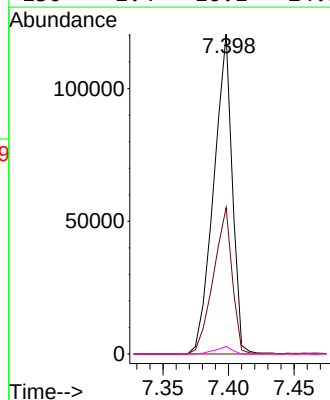
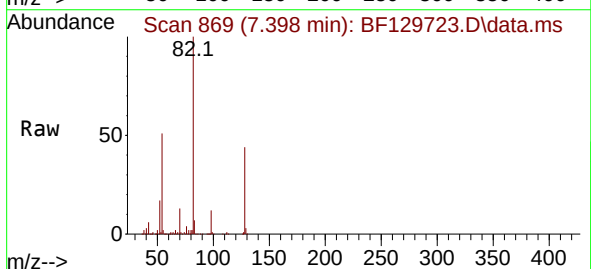
Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.3	25.9
71	35.7	28.9	43.3

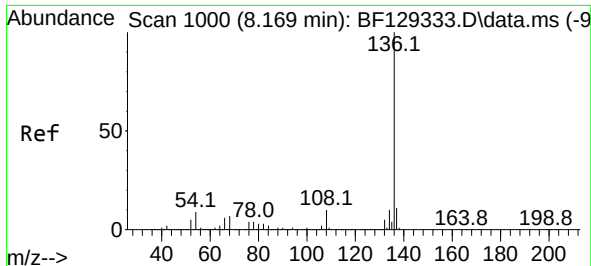


#19
n-Nitroso-di-n-propylamine
Concen: 16.760 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Tgt Ion: 70 Resp: 118364

Ion	Ratio	Lower	Upper
70	100		
42	45.8	52.3	78.5#
101	0.0	7.5	11.3#
130	2.4	16.1	24.1#



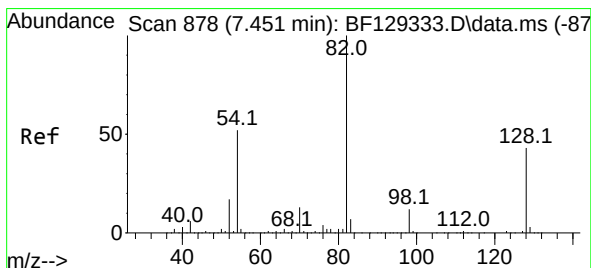
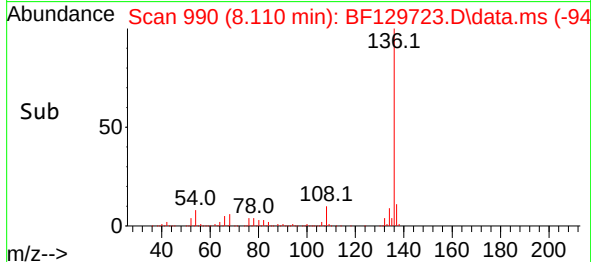
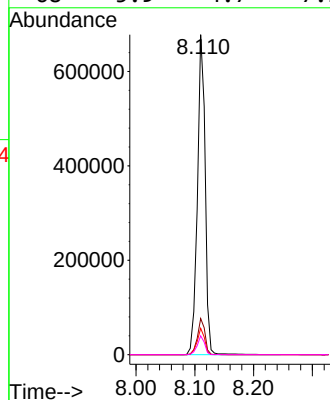
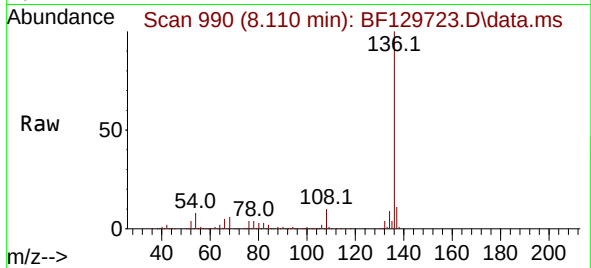


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Instrument :
BNA_F
ClientSampleId :
SB02

Tgt Ion:136 Resp: 618471

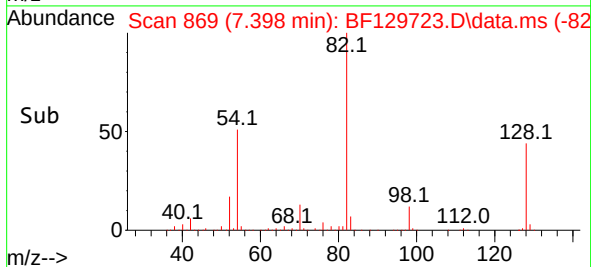
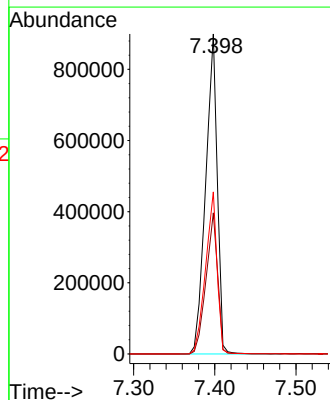
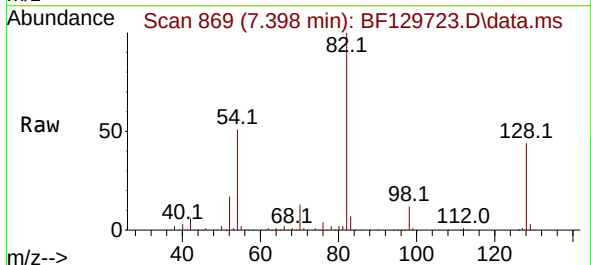
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.3	7.5	11.3
68	5.9	4.7	7.1

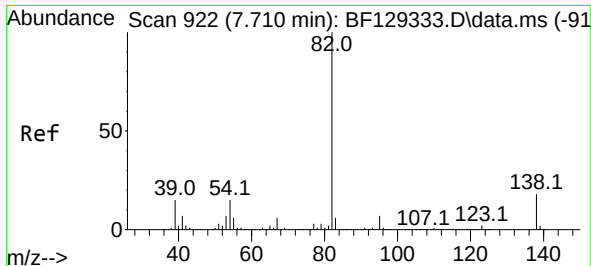


#23
Nitrobenzene-d5
Concen: 78.972 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Tgt Ion: 82 Resp: 894723

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	50.6	46.9	70.3

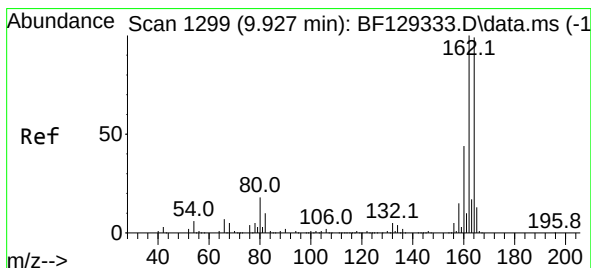
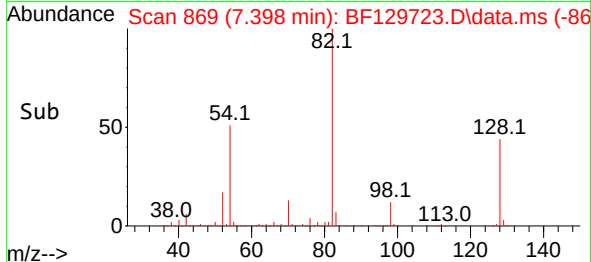
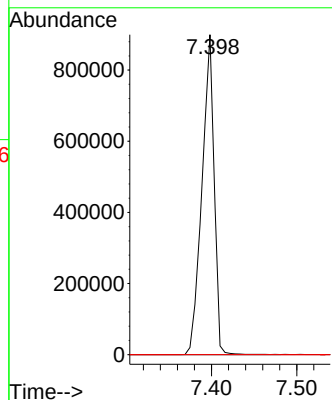
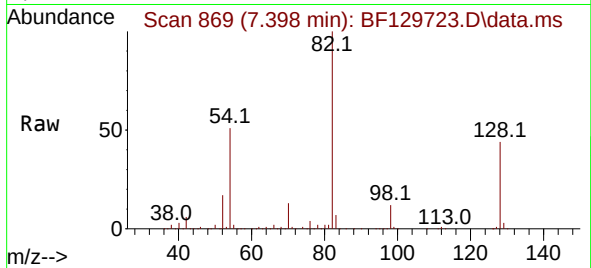




#25
Isophorone
Concen: 44.056 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

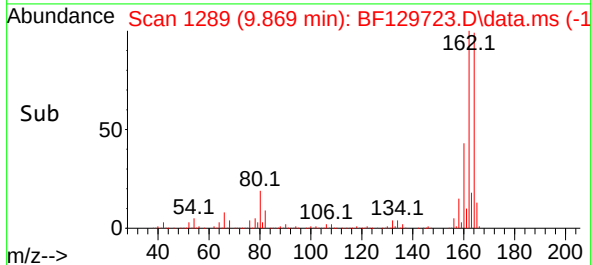
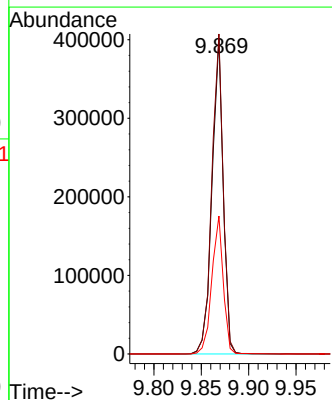
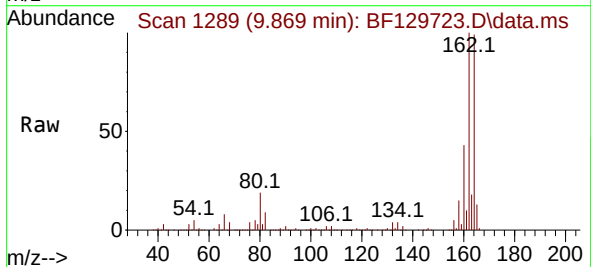
Instrument :
BNA_F
ClientSampleId :
SB02

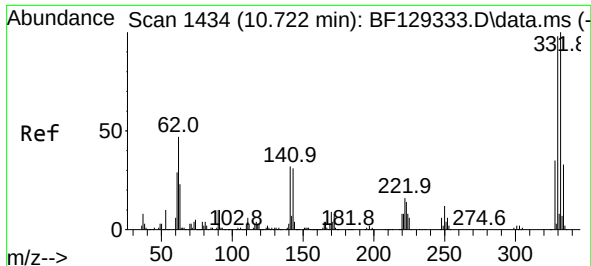
Tgt Ion: 82 Resp: 894711
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Tgt Ion: 164 Resp: 328781
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 43.7 34.2 51.4

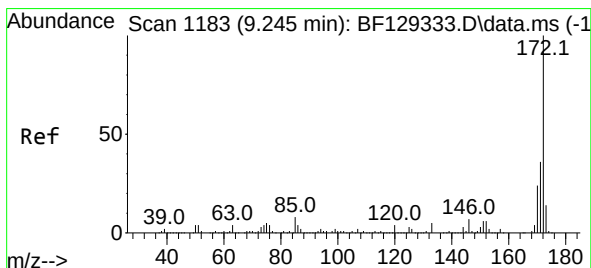
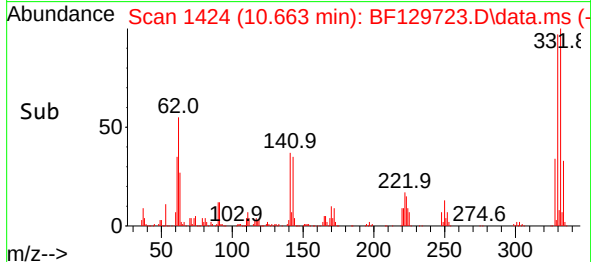
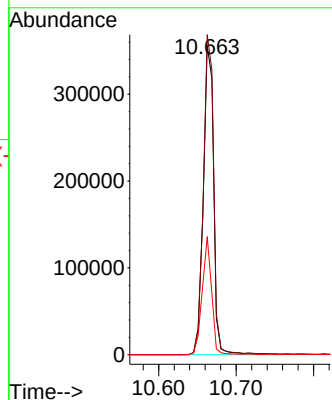
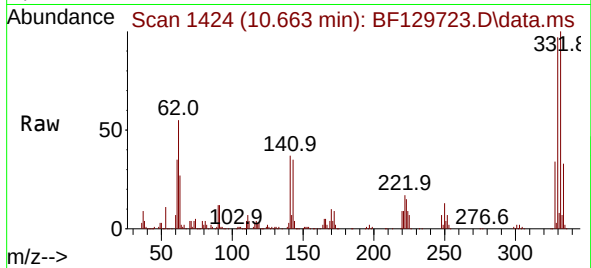




#42
2,4,6-Tribromophenol
Concen: 104.373 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

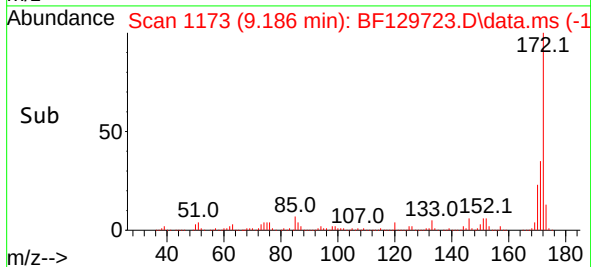
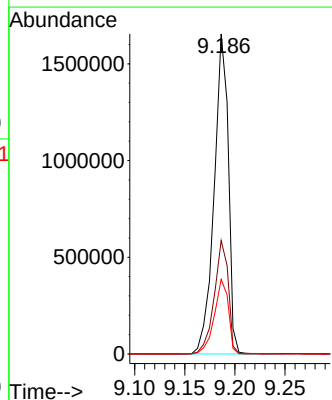
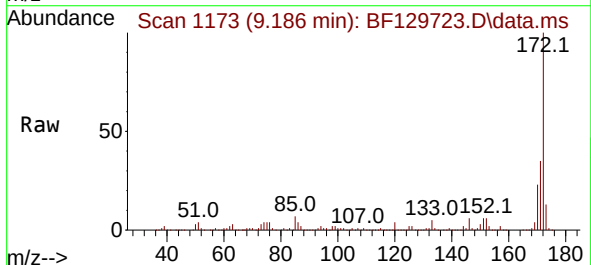
Instrument :
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ClientSampleId :
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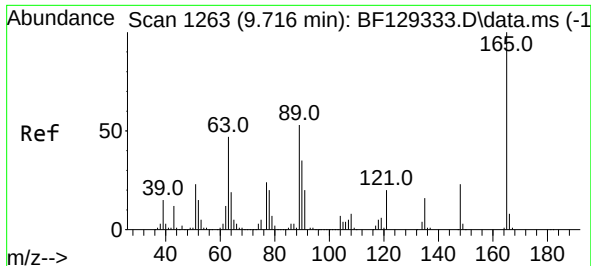
Tgt Ion:330 Resp: 329920
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 34.9 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 76.767 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Tgt Ion:172 Resp: 1631567
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.435 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF129723.D

Acq: 11 Aug 2022 19:29

Instrument :

BNA_F

ClientSampleId :

SB02

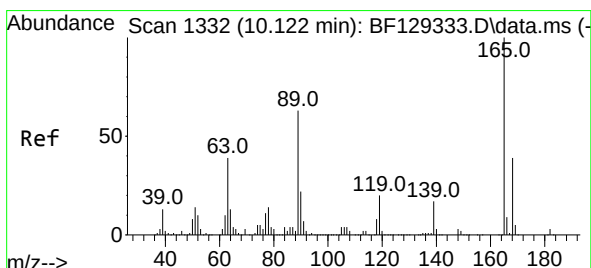
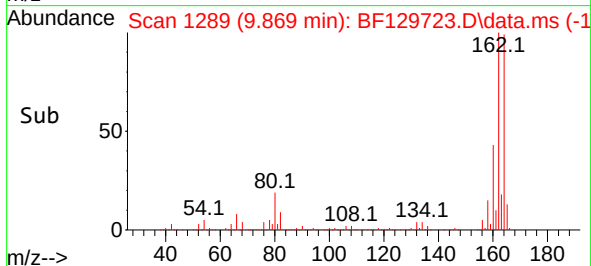
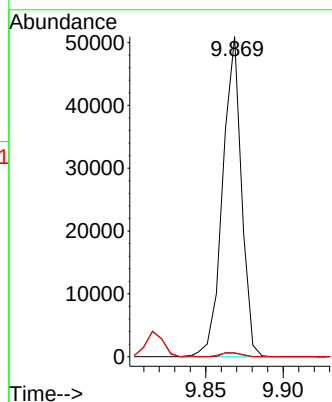
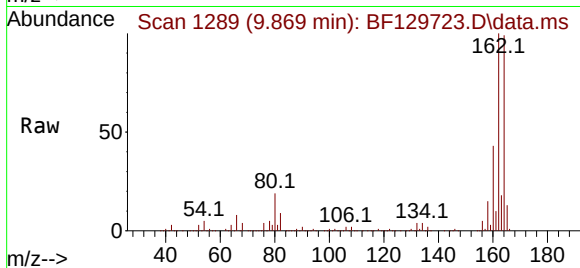
Tgt Ion:165 Resp: 42848

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.457 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.212 min

Lab File: BF129723.D

Acq: 11 Aug 2022 19:29

Tgt Ion:165 Resp: 42848

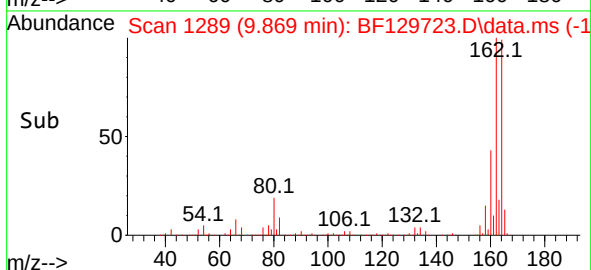
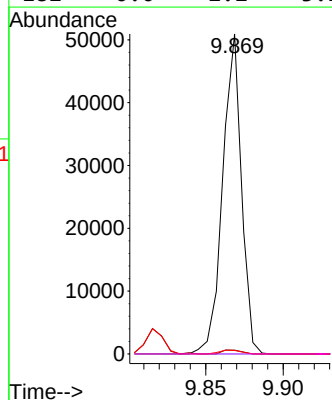
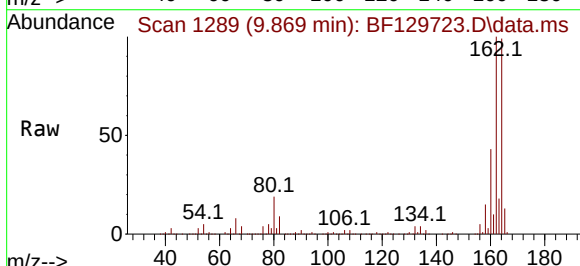
Ion Ratio Lower Upper

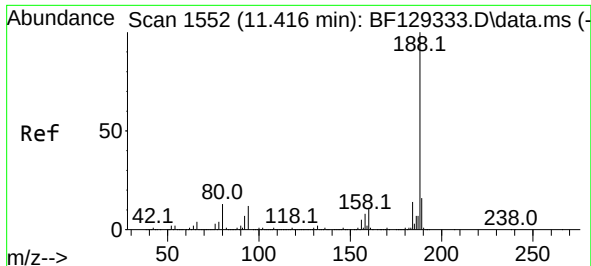
165 100

63 1.2 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#

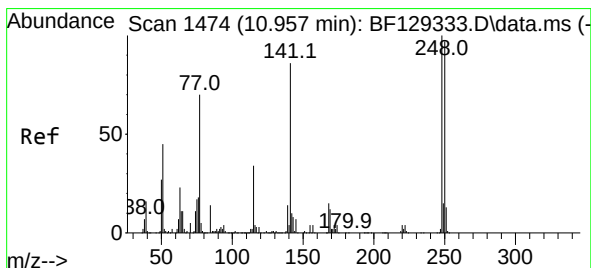
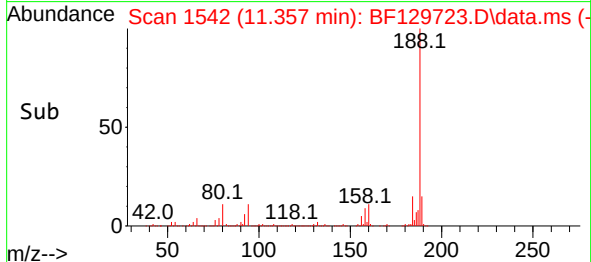
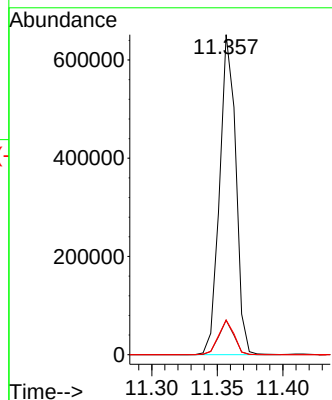
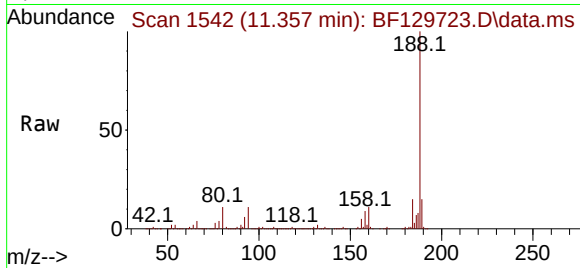




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

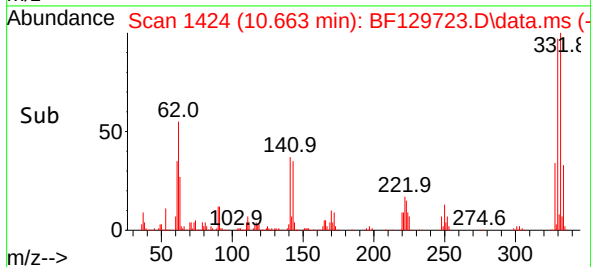
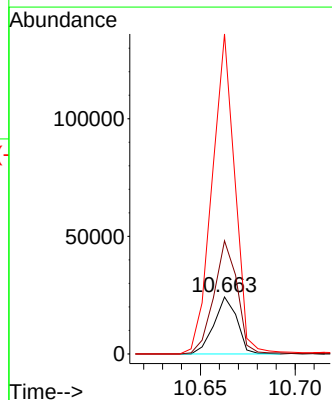
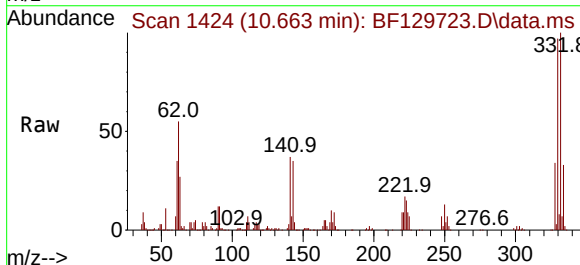
Instrument :
BNA_F
ClientSampleId :
SB02

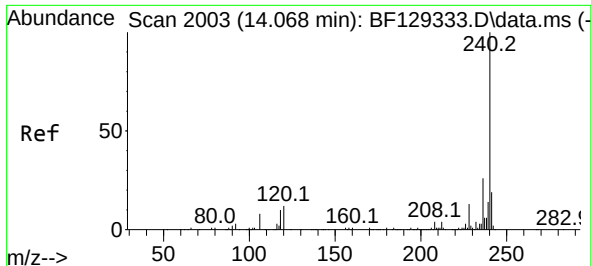
Tgt Ion:188 Resp: 559071
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 10.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.353 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.247 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Tgt Ion:248 Resp: 20525
Ion Ratio Lower Upper
248 100
250 198.4 80.6 120.8#
141 561.1 58.9 88.3#

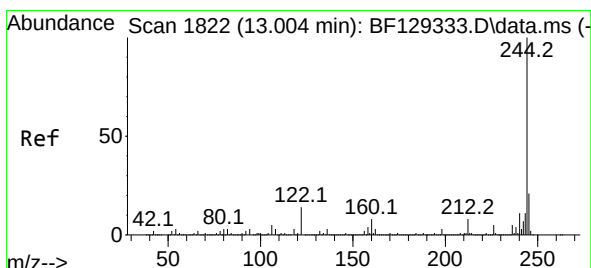
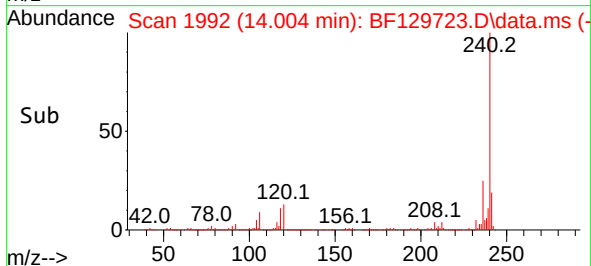
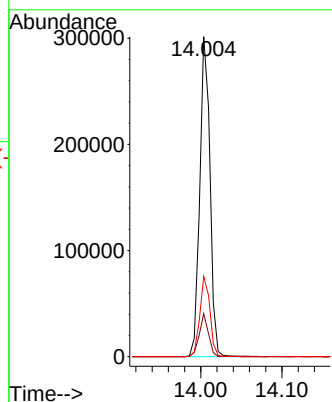
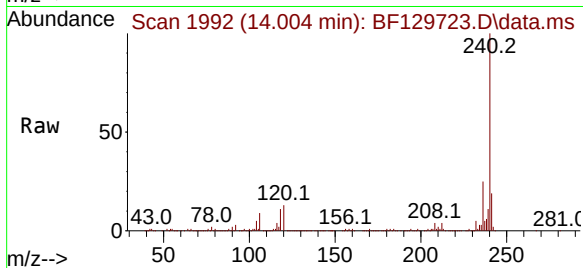




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.018 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

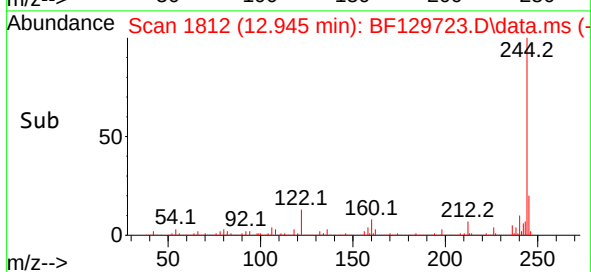
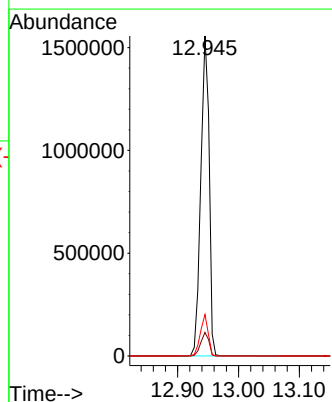
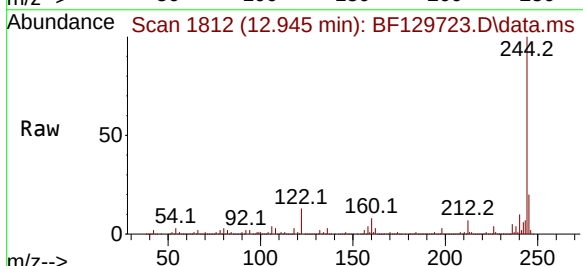
Instrument :
BNA_F
ClientSampleId :
SB02

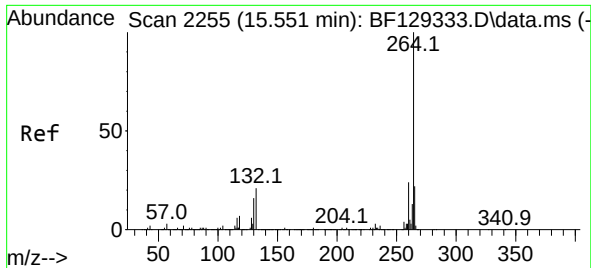
Tgt Ion:240 Resp: 263665
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 105.932 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF129723.D
Acq: 11 Aug 2022 19:29

Tgt Ion:244 Resp: 1480490
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 12.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129723.D
 Acq: 11 Aug 2022 19:29

Instrument :
 BNA_F
 ClientSampleId :
 SB02

Tgt Ion:264 Resp: 292138
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.2 17.2 25.8

