

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129269.D
 Acq On : 18 Jul 2022 15:54
 Operator : CG\JU
 Sample : PB146273BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146273BL

Quant Time: Jul 19 02:08:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

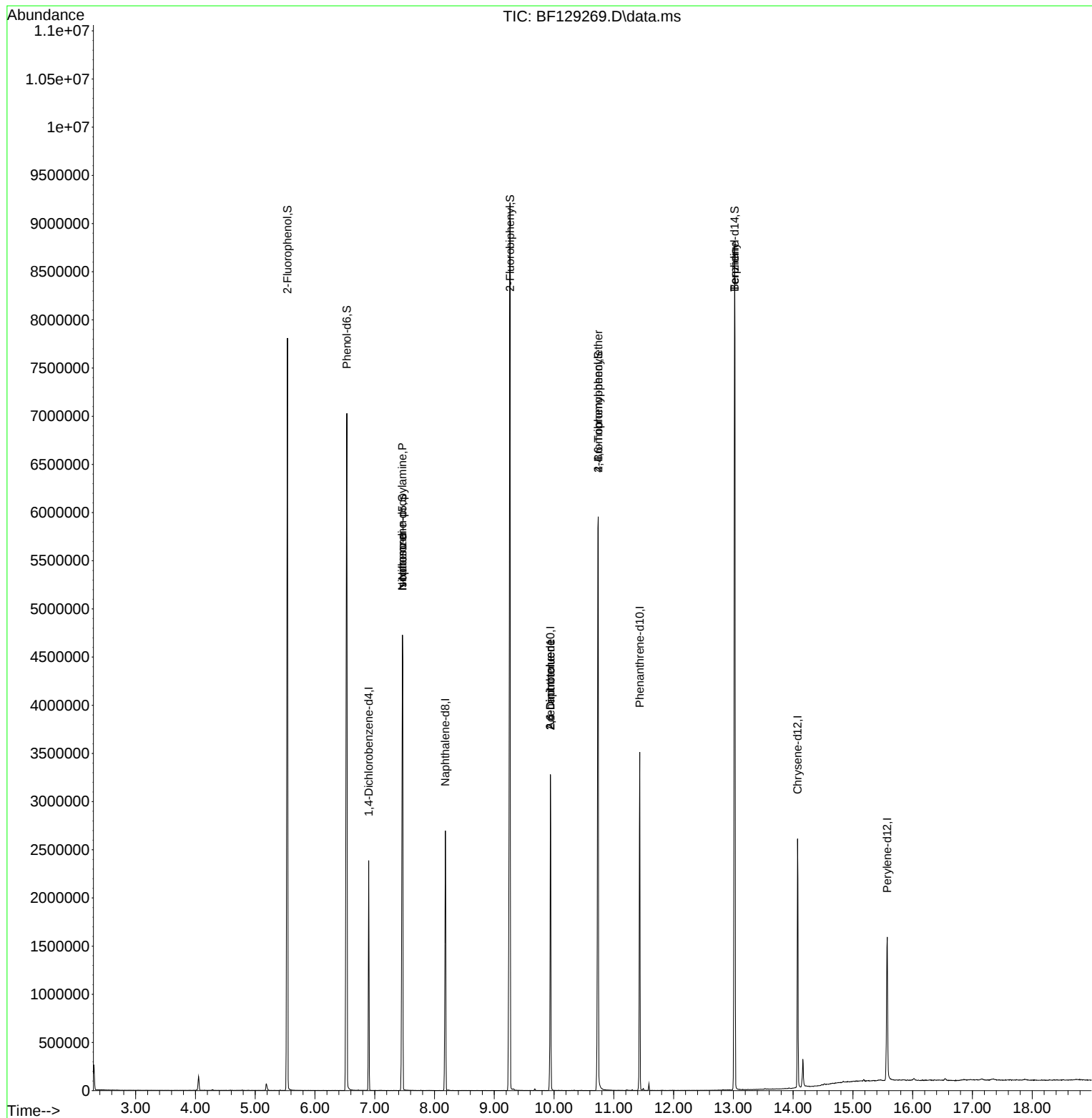
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	320747	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1313547	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	709048	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1200658	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	866249	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	715610	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2409805	119.989	ng	0.02
7) Phenol-d6	6.534	99	3116365	119.974	ng	0.00
23) Nitrobenzene-d5	7.463	82	2065728	84.064	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	854142	129.786	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3405238	81.365	ng	0.00
79) Terphenyl-d14	13.022	244	3525578	76.136	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	279650	18.304	ng	# 76
25) Isophorone	7.463	82	2064244	49.982	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	92473	9.288	ng	# 25
57) 2,4-Dinitrotoluene	9.939	165	92473	7.083	ng	# 21
67) 4-Bromophenyl-phenylether	10.739	248	53896	4.264	ng	# 1
77) Benzidine	13.022	184	50754	2.093	ng	# 93

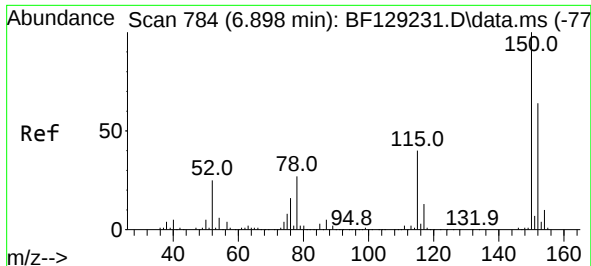
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

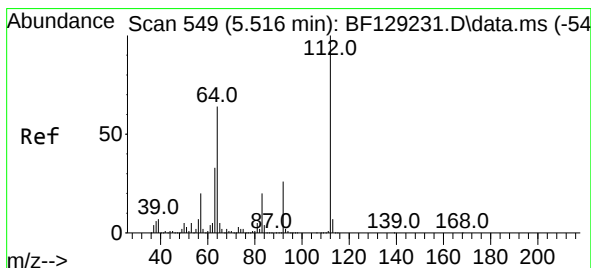
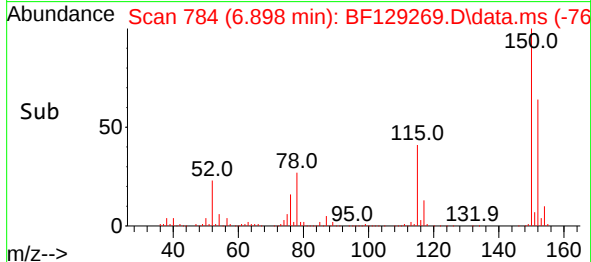
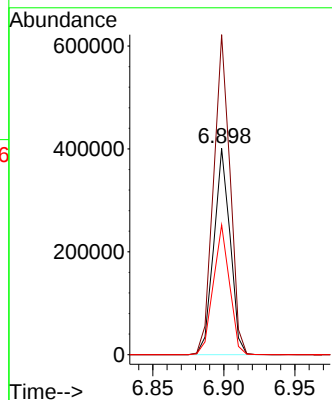
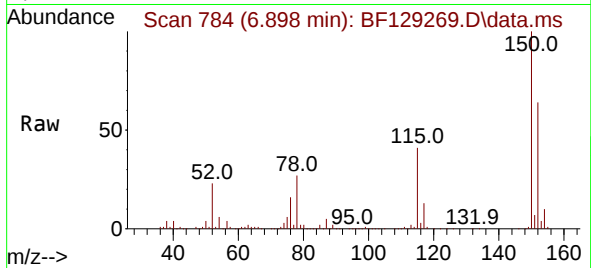




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129269.D
 Acq: 18 Jul 2022 15:54

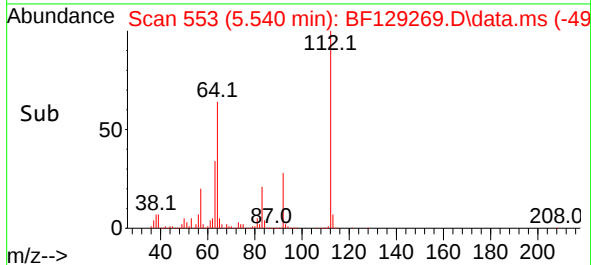
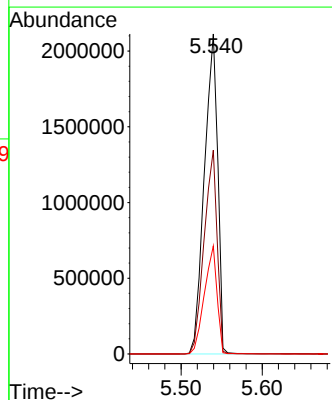
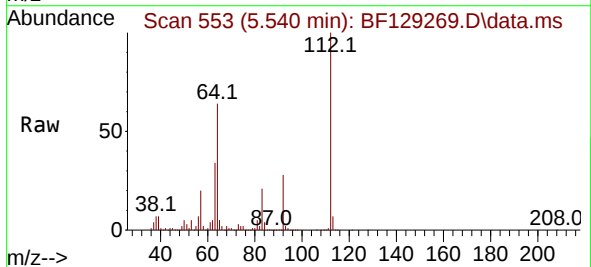
Instrument :
 BNA_F
 ClientSampleId :
 PB146273BL

Tgt Ion:152 Resp: 320747
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.7 185.5
 115 63.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 119.989 ng
 RT: 5.540 min Scan# 553
 Delta R.T. 0.024 min
 Lab File: BF129269.D
 Acq: 18 Jul 2022 15:54

Tgt Ion:112 Resp: 2409805
 Ion Ratio Lower Upper
 112 100
 64 63.7 53.3 79.9
 63 33.8 28.0 42.0

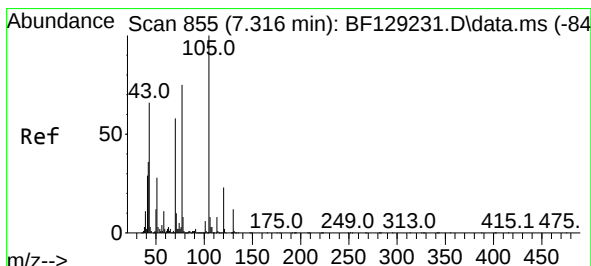
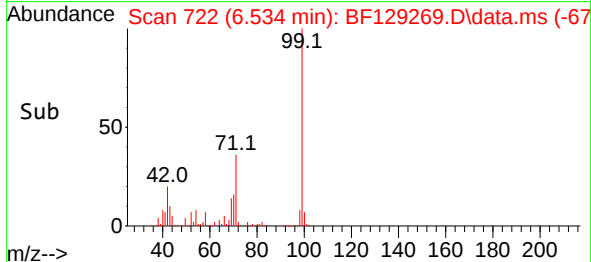
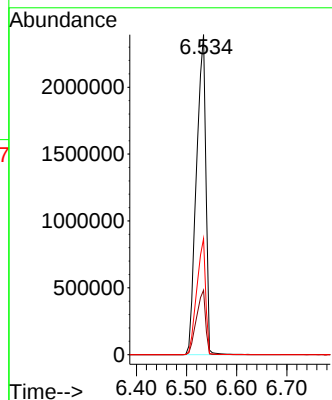
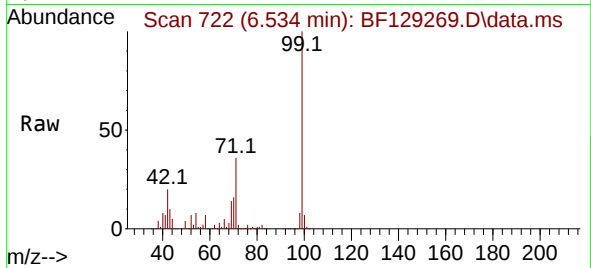




#7
Phenol-d6
Concen: 119.974 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

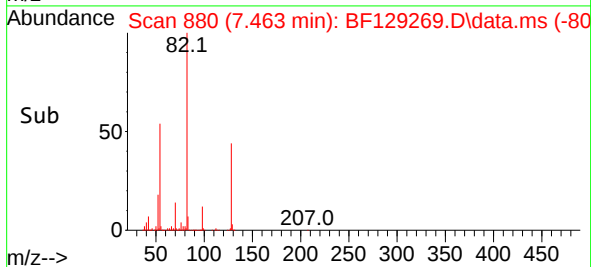
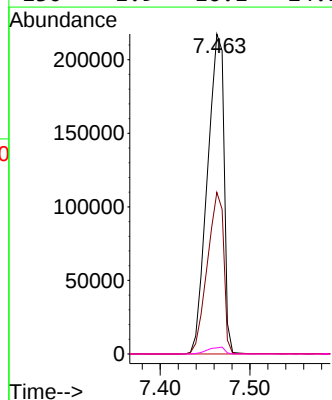
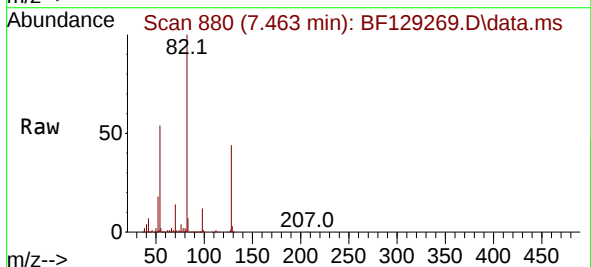
Instrument :
BNA_F
ClientSampleId :
PB146273BL

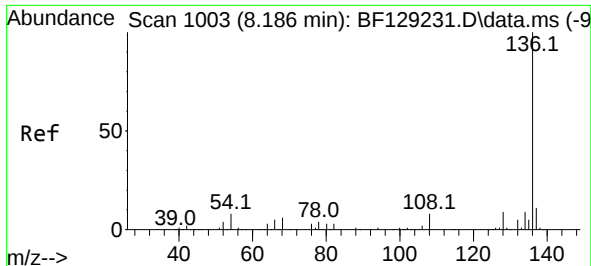
Tgt Ion: 99 Resp: 3116365
Ion Ratio Lower Upper
99 100
42 20.1 17.3 25.9
71 36.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.304 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.147 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

Tgt Ion: 70 Resp: 279650
Ion Ratio Lower Upper
70 100
42 50.5 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

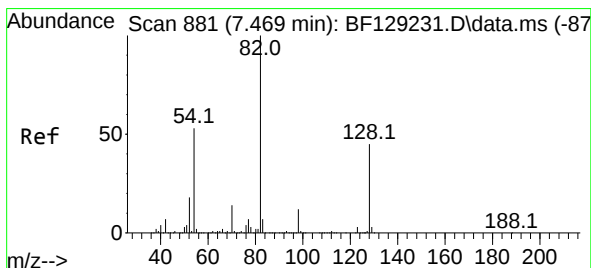
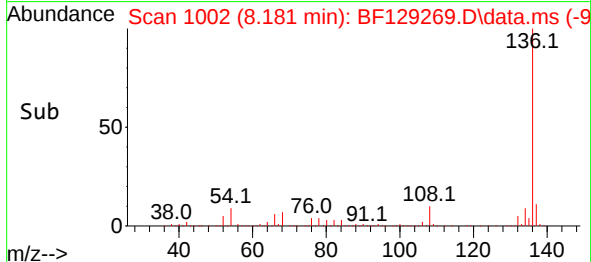
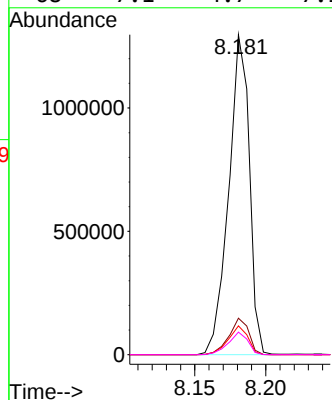
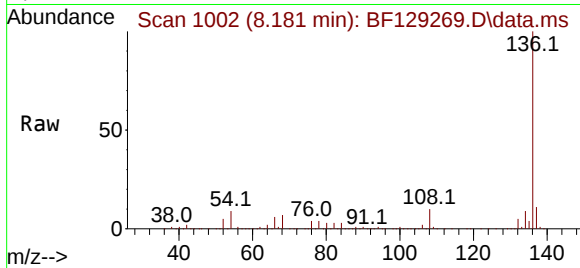




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

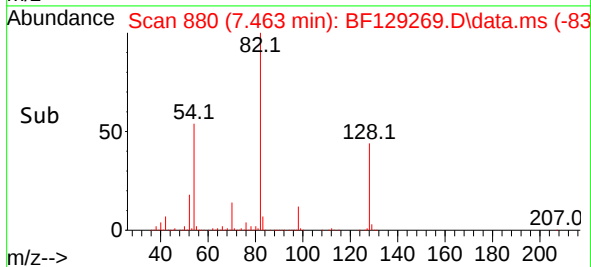
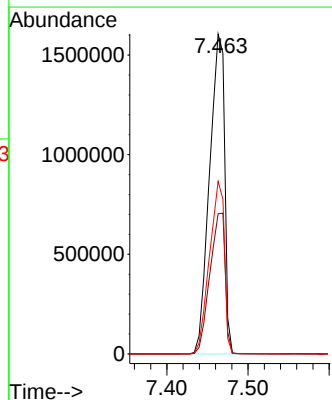
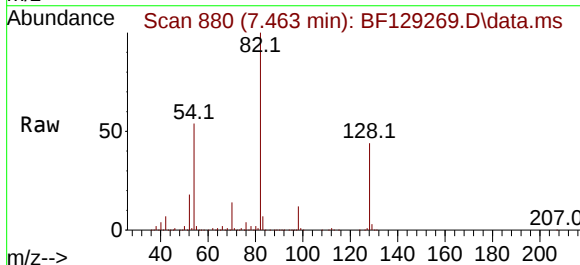
Instrument :
BNA_F
ClientSampleId :
PB146273BL

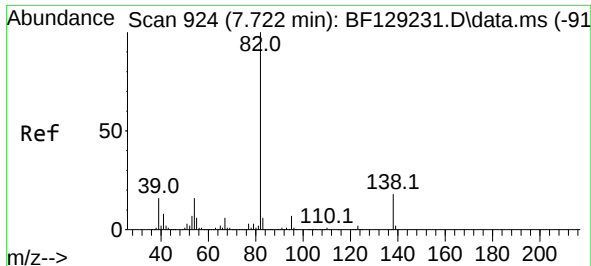
Tgt Ion:136 Resp: 1313547
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.0 7.5 11.3
68 7.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.064 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

Tgt Ion: 82 Resp: 2065728
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 54.0 46.9 70.3

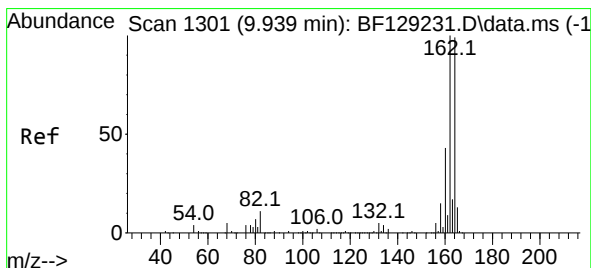
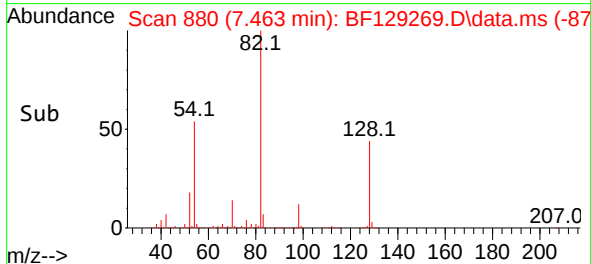
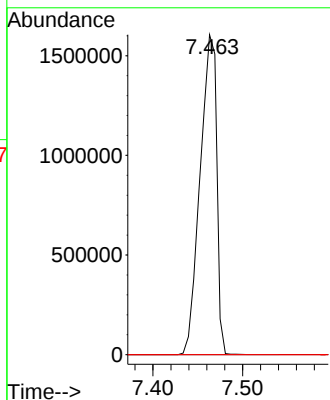
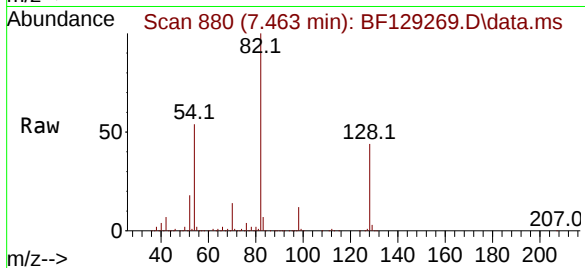




#25
Isophorone
Concen: 49.982 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

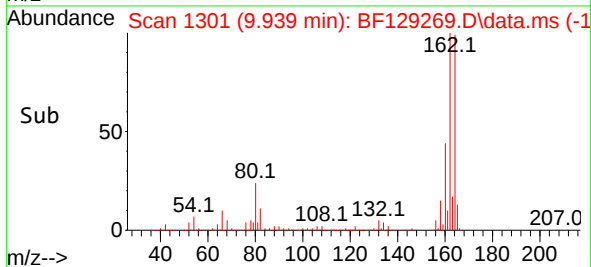
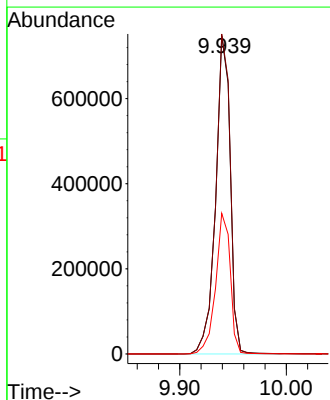
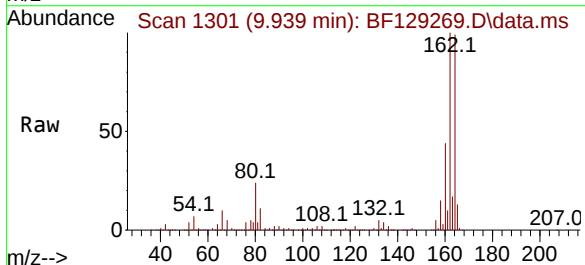
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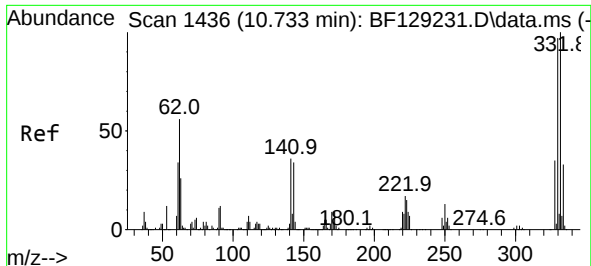
Tgt Ion: 82 Resp: 2064244
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

Tgt Ion:164 Resp: 709048
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 129.786 ng

RT: 10.739 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BF129269.D

Acq: 18 Jul 2022 15:54

Instrument :

BNA_F

ClientSampleId :

PB146273BL

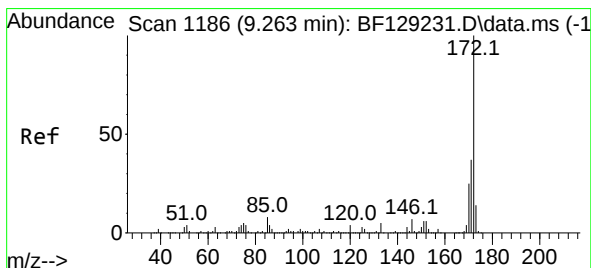
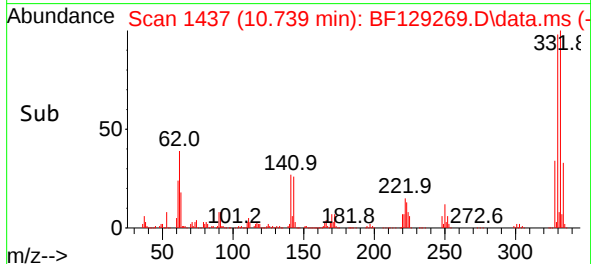
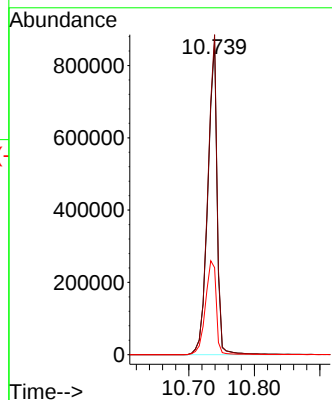
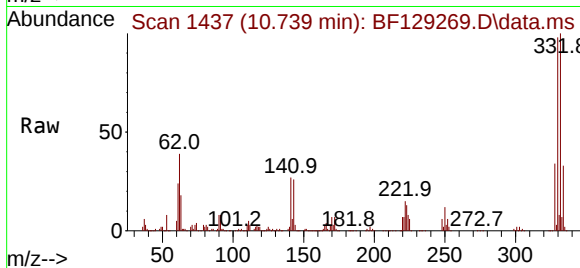
Tgt Ion:330 Resp: 854142

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.365 ng

RT: 9.263 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF129269.D

Acq: 18 Jul 2022 15:54

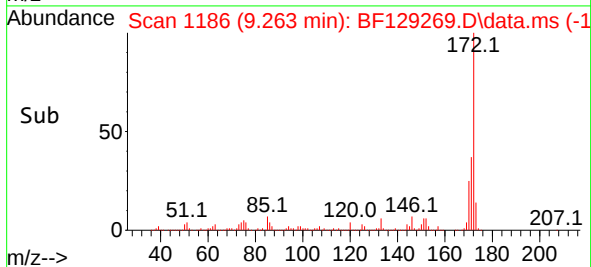
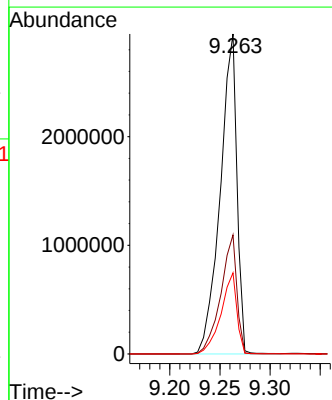
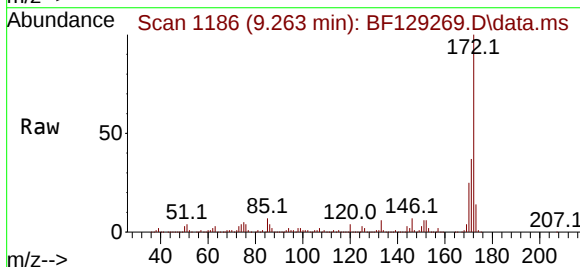
Tgt Ion:172 Resp: 3405238

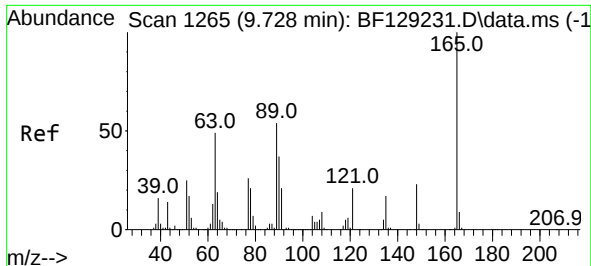
Ion Ratio Lower Upper

172 100

171 37.2 28.8 43.2

170 25.4 19.8 29.8

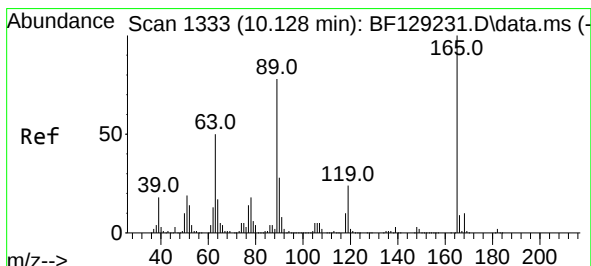
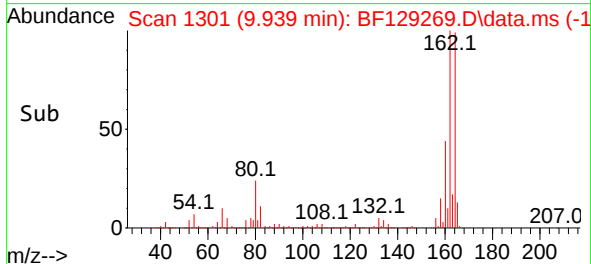
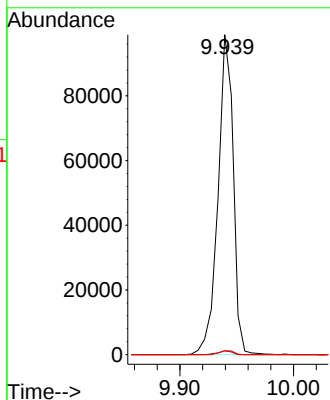
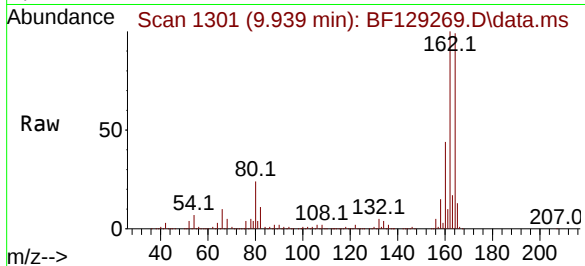




#51
2,6-Dinitrotoluene
Concen: 9.288 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

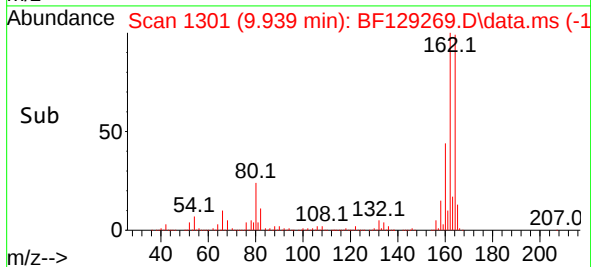
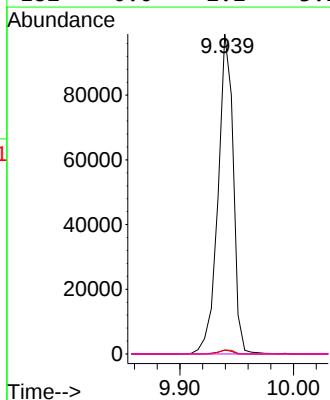
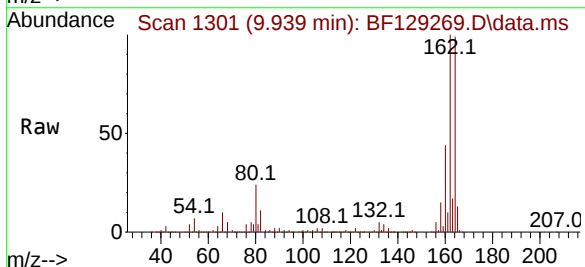
Instrument :
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ClientSampleId :
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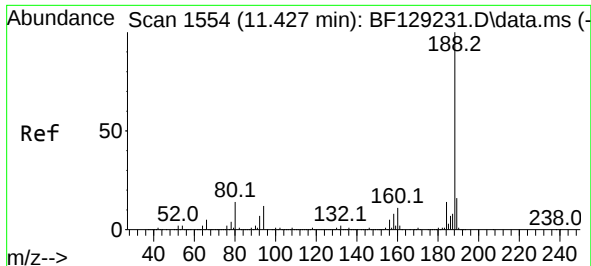
Tgt Ion:165 Resp: 92473
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.083 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

Tgt Ion:165 Resp: 92473
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

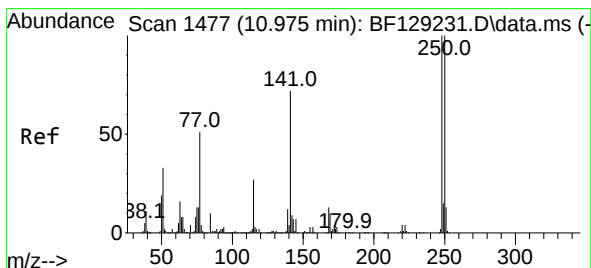
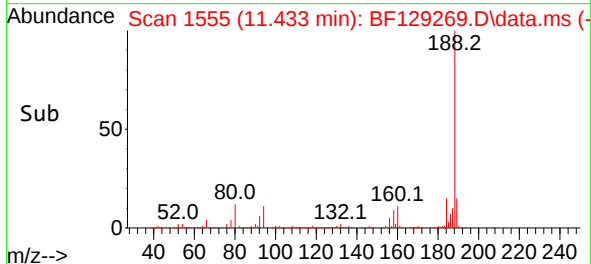
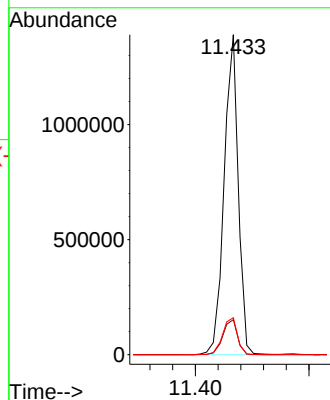
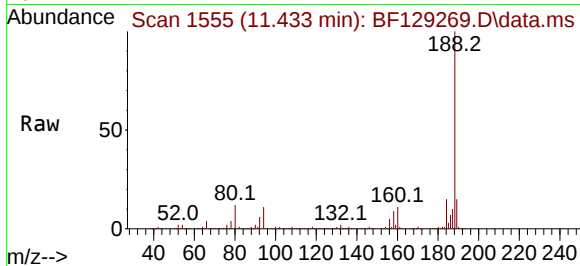




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

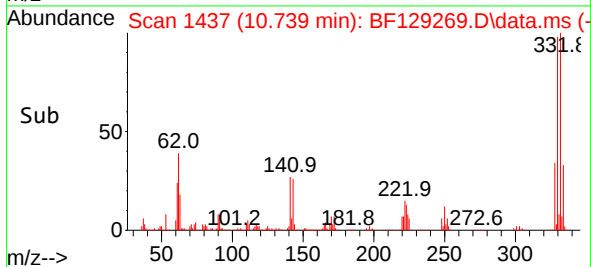
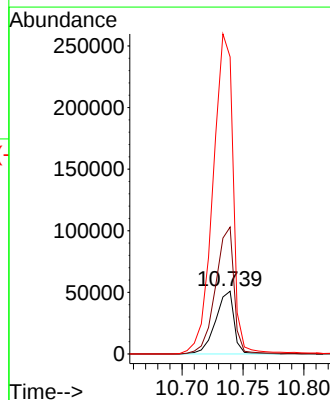
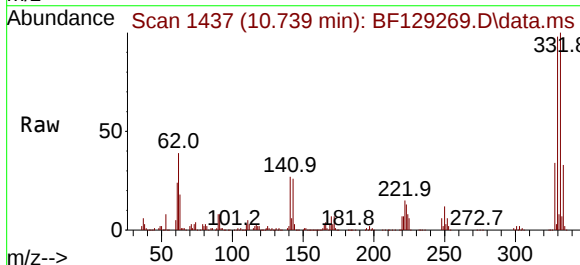
Instrument :
BNA_F
ClientSampleId :
PB146273BL

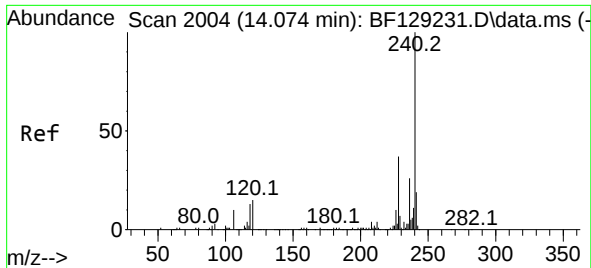
Tgt Ion:188 Resp: 1200658
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.6 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.264 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

Tgt Ion:248 Resp: 53896
Ion Ratio Lower Upper
248 100
250 202.2 80.6 120.8#
141 473.3 58.9 88.3#

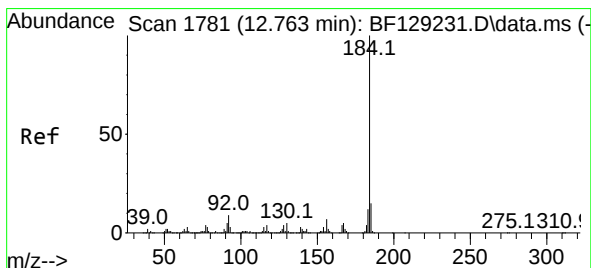
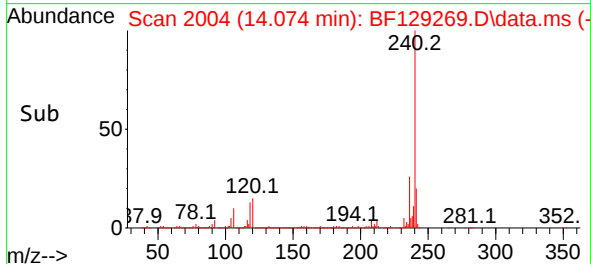
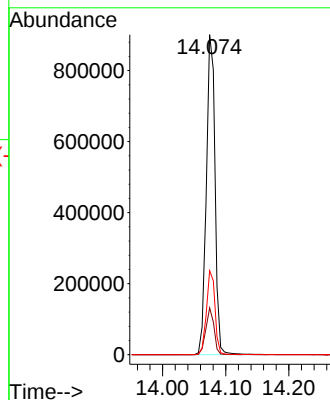
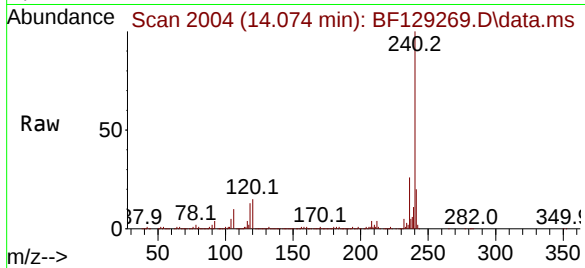




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

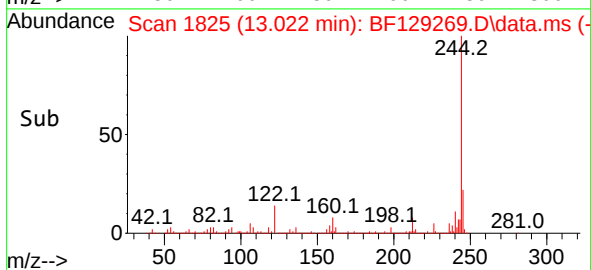
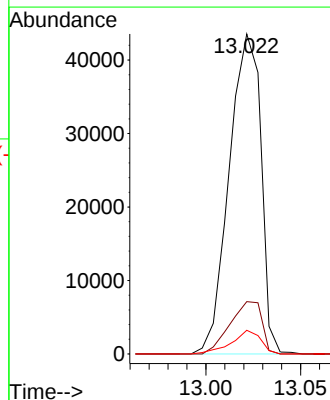
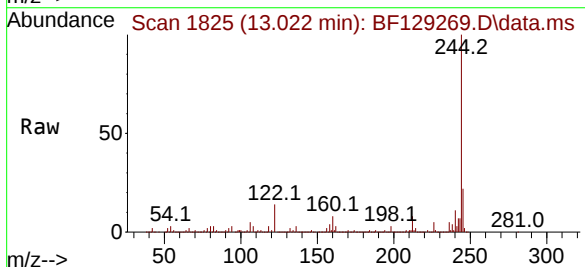
Instrument :
BNA_F
ClientSampleId :
PB146273BL

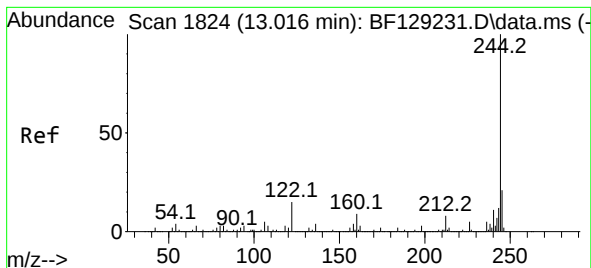
Tgt Ion:240 Resp: 866249
Ion Ratio Lower Upper
240 100
120 14.6 8.9 13.3#
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.093 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.259 min
Lab File: BF129269.D
Acq: 18 Jul 2022 15:54

Tgt Ion:184 Resp: 50754
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 7.4 9.3 13.9#





#79

Terphenyl-d14

Concen: 76.136 ng

RT: 13.022 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF129269.D

Acq: 18 Jul 2022 15:54

Instrument :

BNA_F

ClientSampleId :

PB146273BL

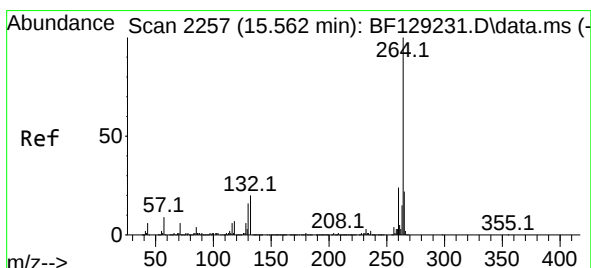
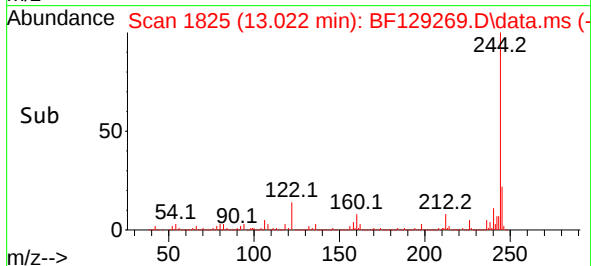
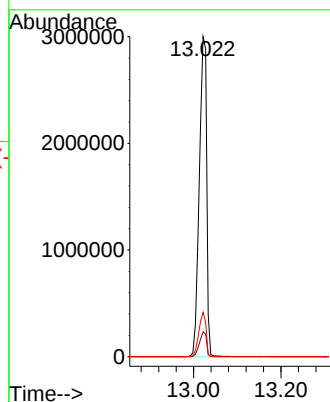
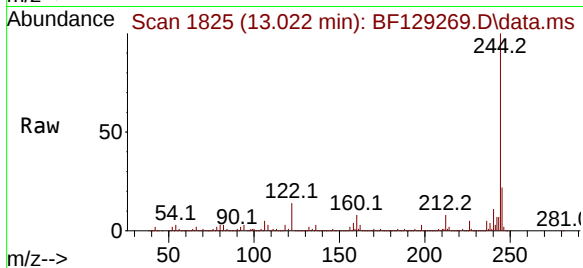
Tgt Ion:244 Resp: 3525578

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 13.9 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2259

Delta R.T. 0.012 min

Lab File: BF129269.D

Acq: 18 Jul 2022 15:54

Tgt Ion:264 Resp: 715610

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.3 17.2 25.8

