

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071922\
 Data File : BF129281.D
 Acq On : 19 Jul 2022 09:59
 Operator : CG\JU
 Sample : PB146253TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146253TB

Quant Time: Jul 20 03:02:04 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)

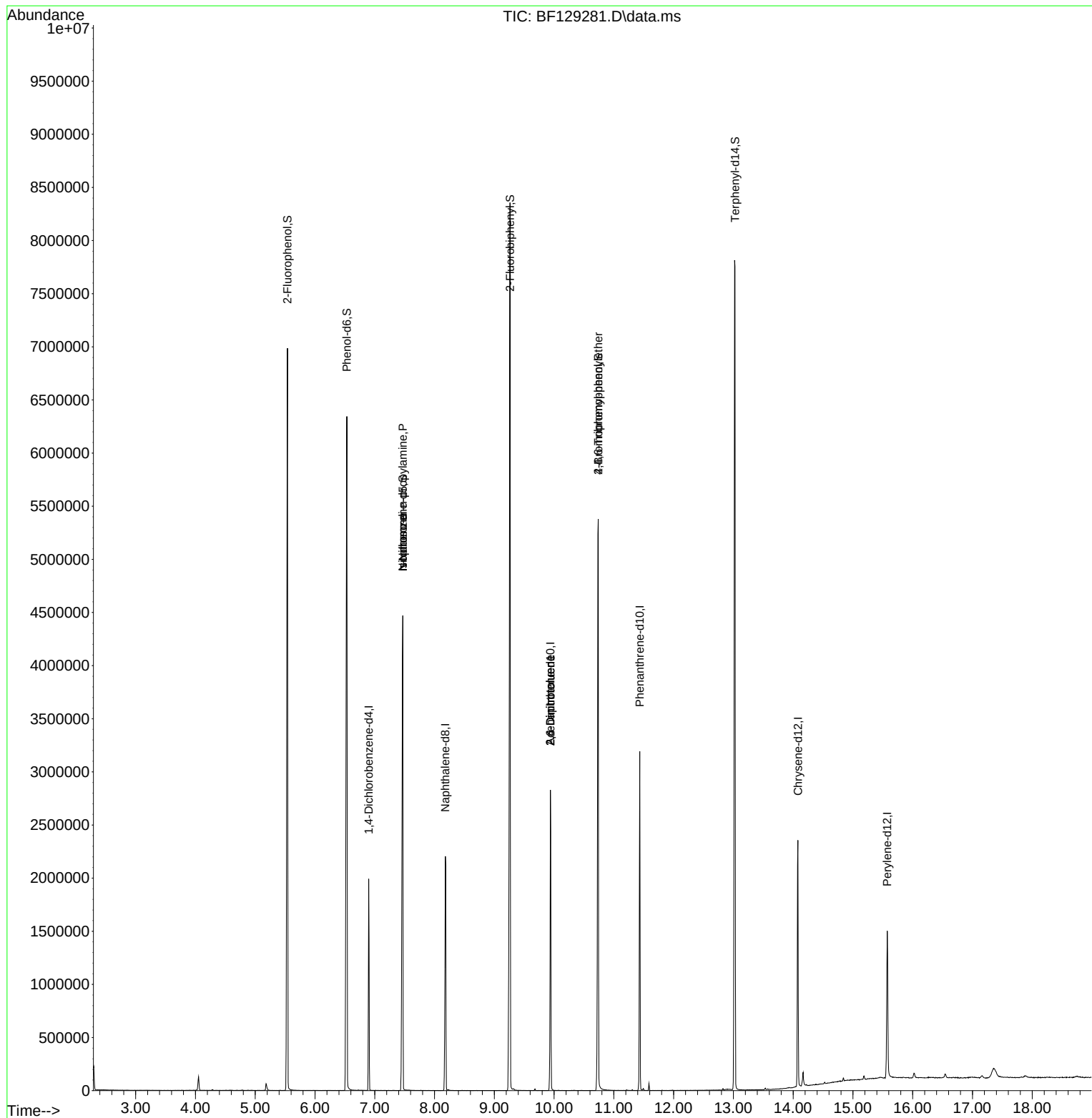
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	285979	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1148597	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	620587	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	1050642	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	799419	20.000	ng	0.00
86) Perylene-d12	15.574	264	654451	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2112394	117.967	ng	0.02
7) Phenol-d6	6.534	99	2759010	119.130	ng	0.00
23) Nitrobenzene-d5	7.469	82	1808778	84.179	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	743864	129.141	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3011027	82.201	ng	0.00
79) Terphenyl-d14	13.027	244	3218871	75.324	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	245073	17.991	ng	# 73
25) Isophorone	7.469	82	1808759	50.086	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	81557	9.359	ng	# 25
57) 2,4-Dinitrotoluene	9.939	165	81557	7.137	ng	# 21
67) 4-Bromophenyl-phenylether	10.739	248	46814	4.233	ng	# 1

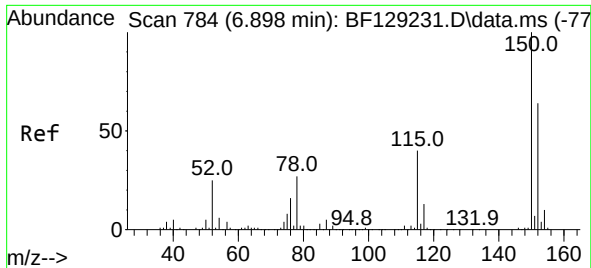
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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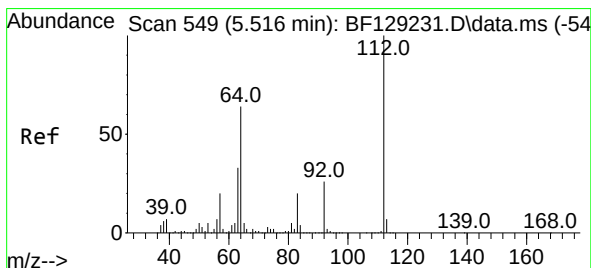
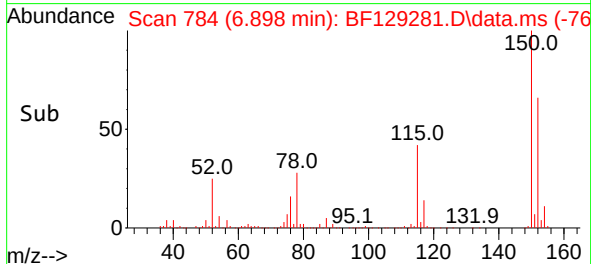
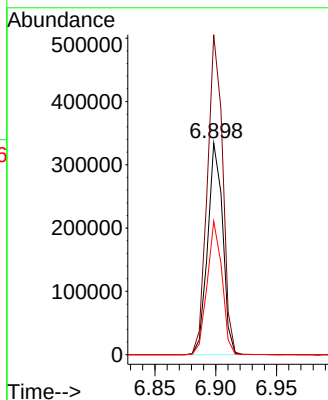
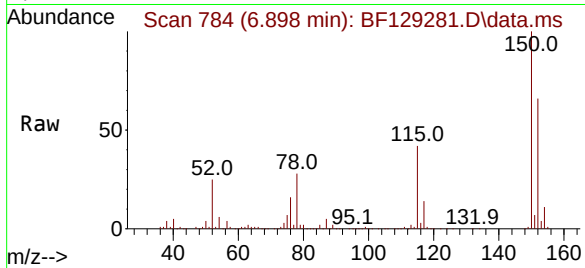




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129281.D
 Acq: 19 Jul 2022 09:59

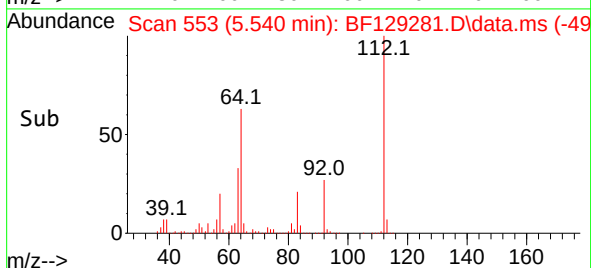
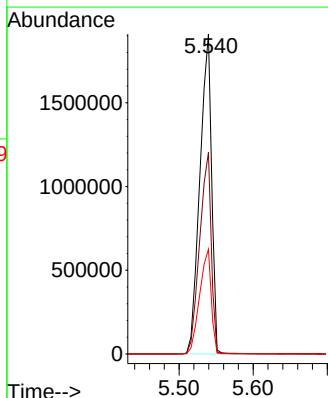
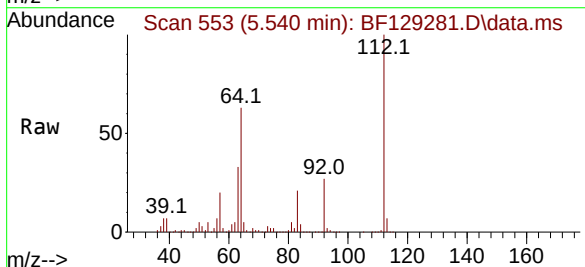
Instrument :
 BNA_F
 ClientSampleId :
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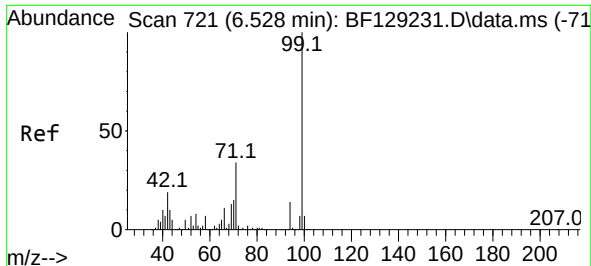
Tgt Ion:152 Resp: 285979
 Ion Ratio Lower Upper
 152 100
 150 151.1 123.7 185.5
 115 63.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 117.967 ng
 RT: 5.540 min Scan# 553
 Delta R.T. 0.023 min
 Lab File: BF129281.D
 Acq: 19 Jul 2022 09:59

Tgt Ion:112 Resp: 2112394
 Ion Ratio Lower Upper
 112 100
 64 63.0 53.3 79.9
 63 32.7 28.0 42.0

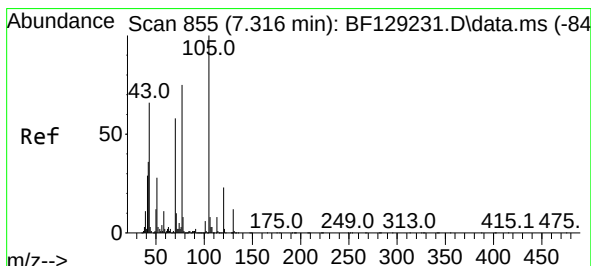
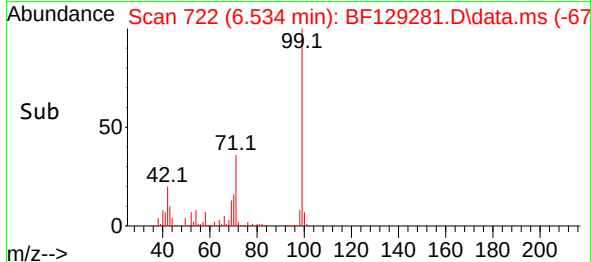
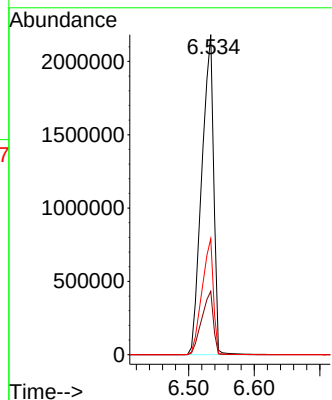
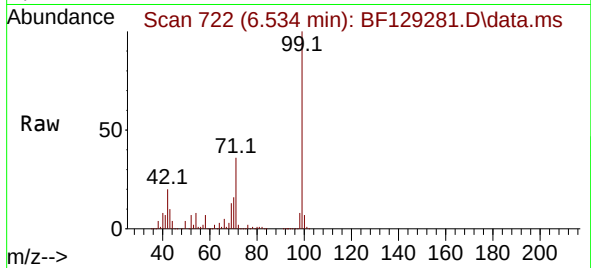




#7
Phenol-d6
Concen: 119.130 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

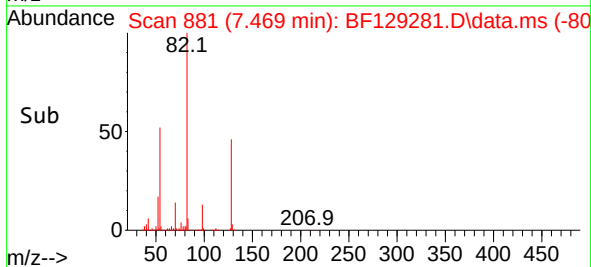
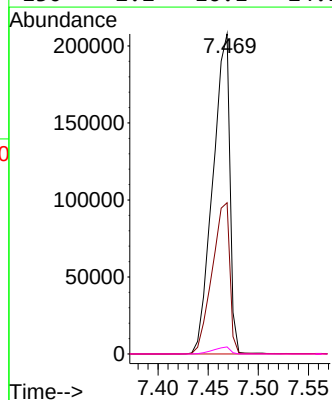
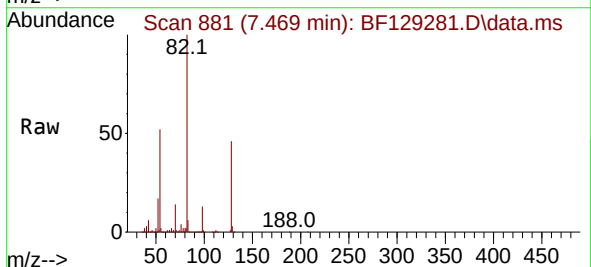
Instrument :
BNA_F
ClientSampleId :
PB146253TB

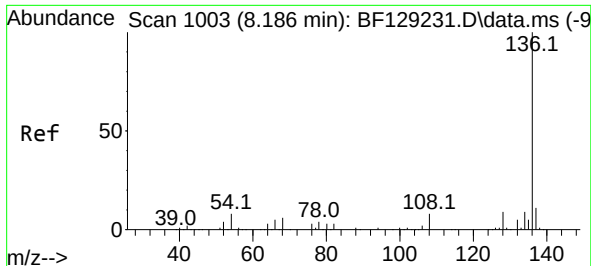
Tgt Ion: 99 Resp: 2759010
Ion Ratio Lower Upper
99 100
42 19.8 17.3 25.9
71 36.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.991 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.153 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

Tgt Ion: 70 Resp: 245073
Ion Ratio Lower Upper
70 100
42 47.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

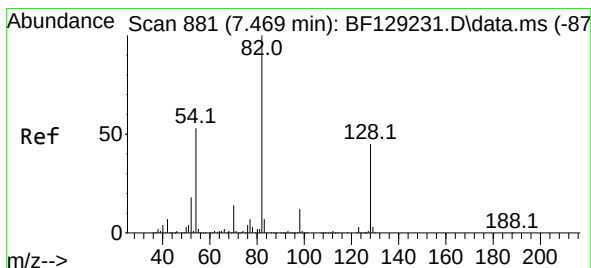
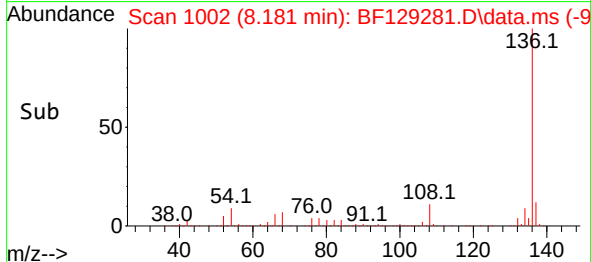
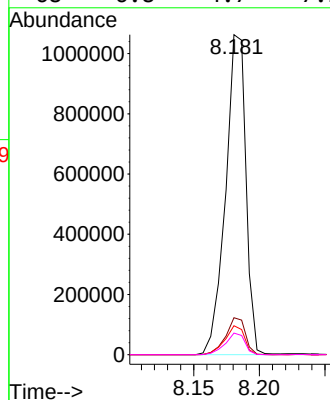
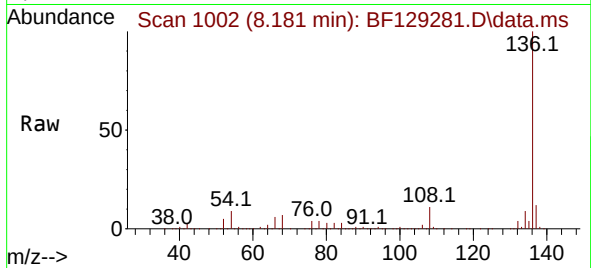




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

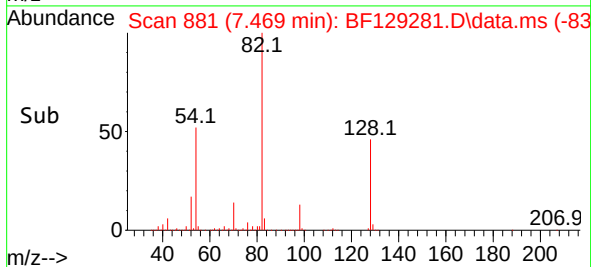
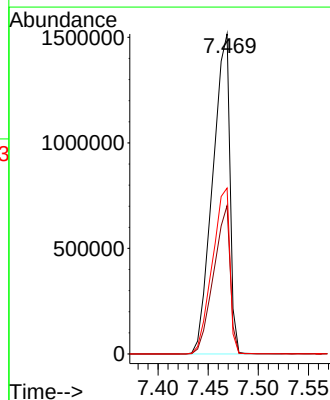
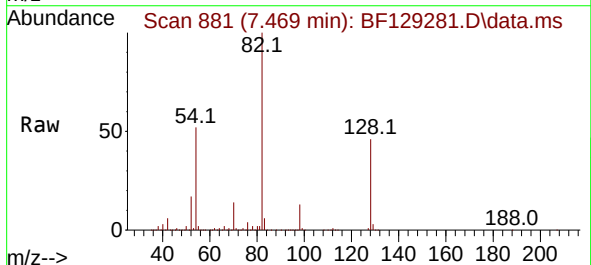
Instrument :
BNA_F
ClientSampleId :
PB146253TB

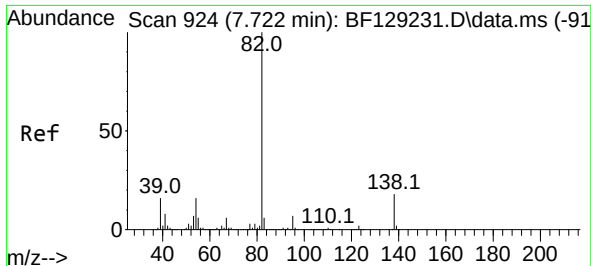
Tgt Ion:136 Resp: 1148597
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 9.1 7.5 11.3
68 6.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.179 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

Tgt Ion: 82 Resp: 1808778
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 51.8 46.9 70.3

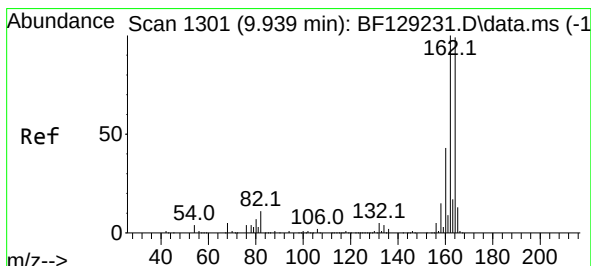
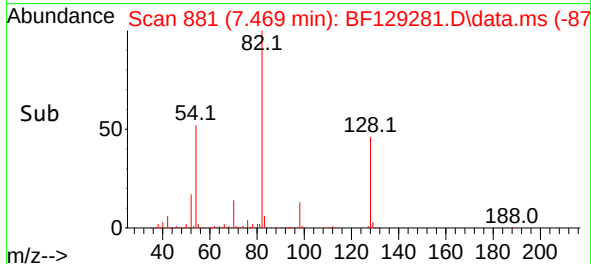
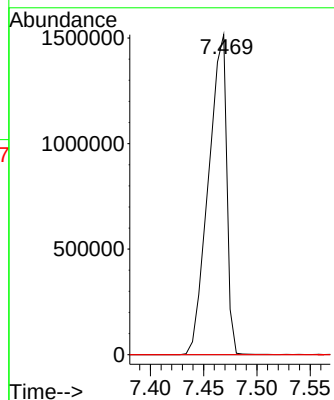
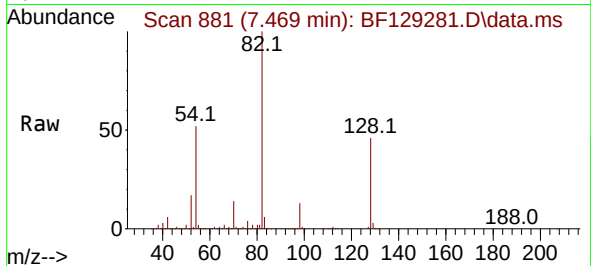




#25
Isophorone
Concen: 50.086 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

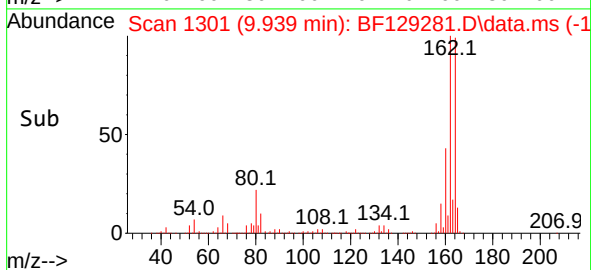
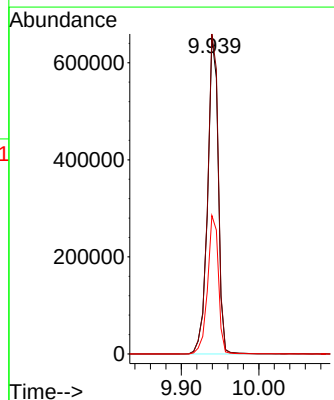
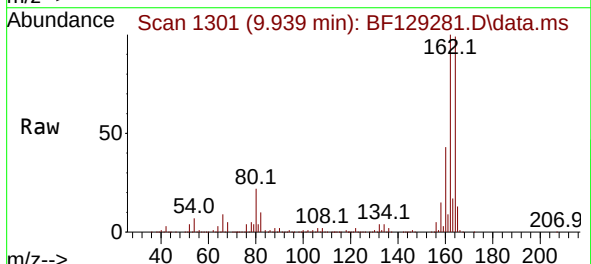
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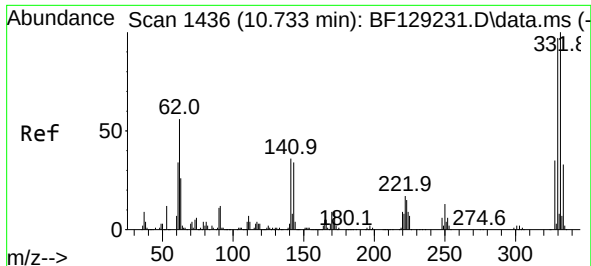
Tgt Ion: 82 Resp: 1808759
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

Tgt Ion:164 Resp: 620587
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 43.7 34.2 51.4

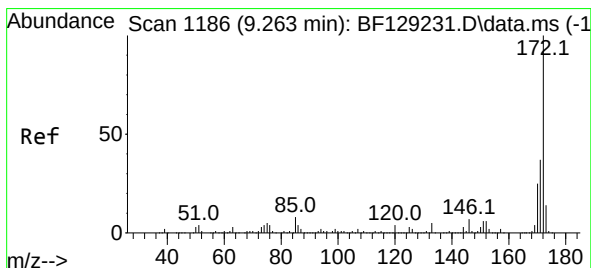
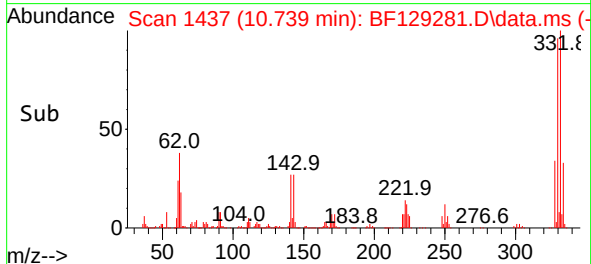
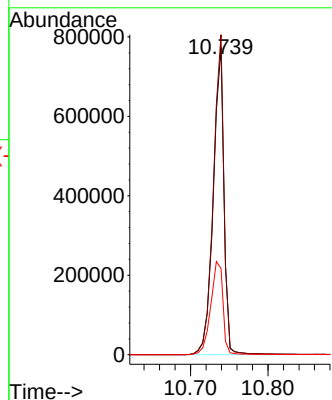
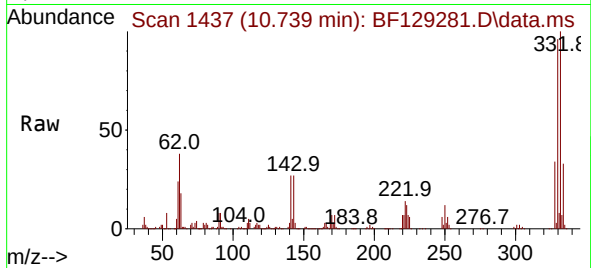




#42
2,4,6-Tribromophenol
Concen: 129.141 ng
RT: 10.739 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

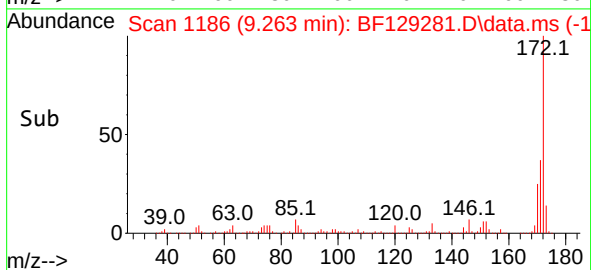
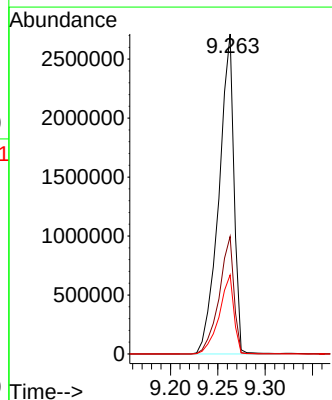
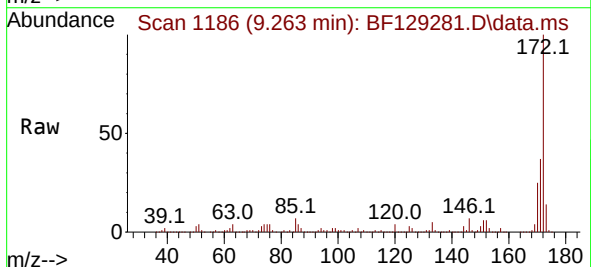
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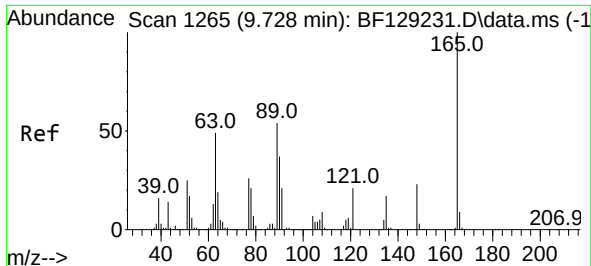
Tgt Ion: 330 Resp: 743864
Ion Ratio Lower Upper
330 100
332 103.6 76.8 115.2
141 34.9 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 82.201 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

Tgt Ion: 172 Resp: 3011027
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.7 19.8 29.8

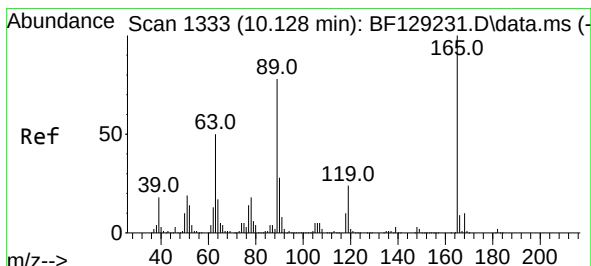
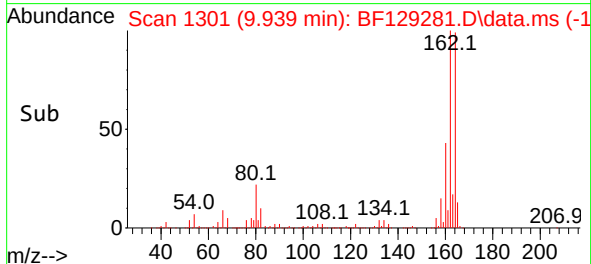
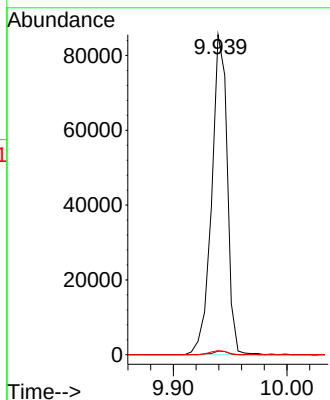
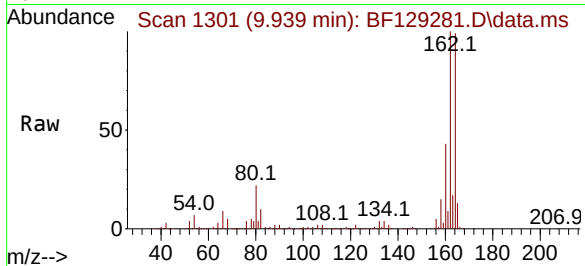




#51
2,6-Dinitrotoluene
Concen: 9.359 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

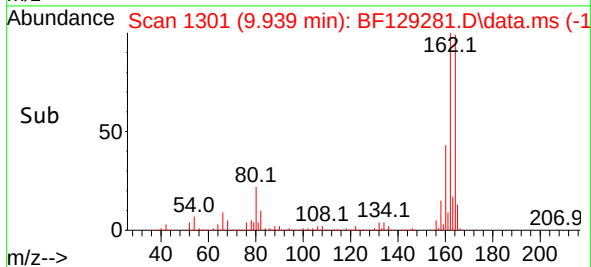
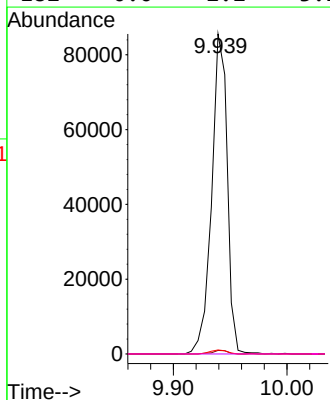
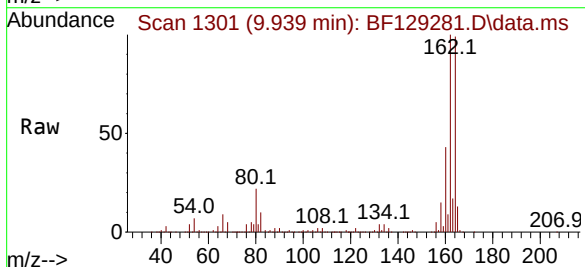
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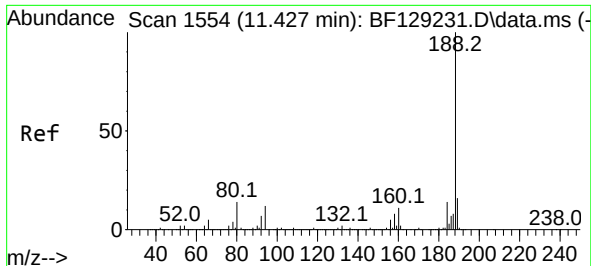
Tgt Ion:165 Resp: 81557
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.137 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

Tgt Ion:165 Resp: 81557
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

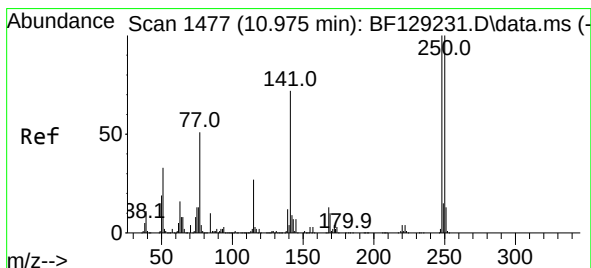
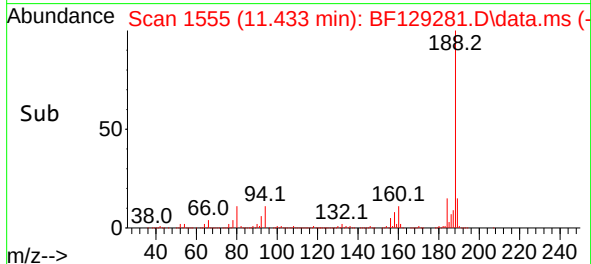
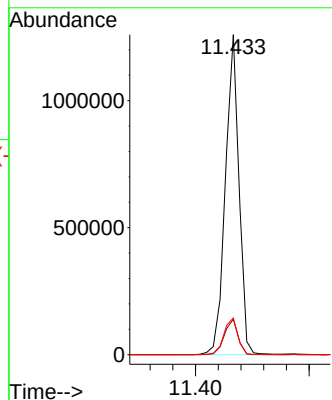
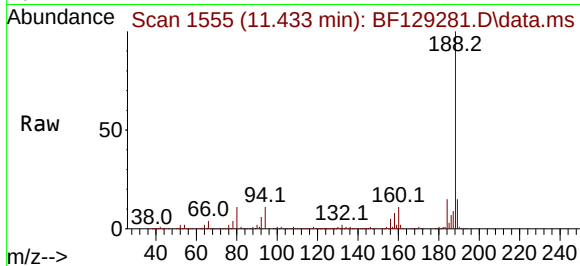




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

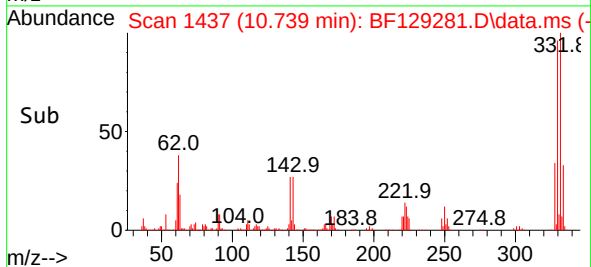
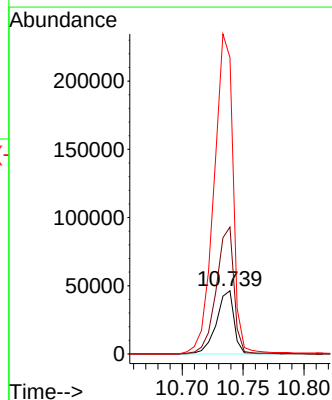
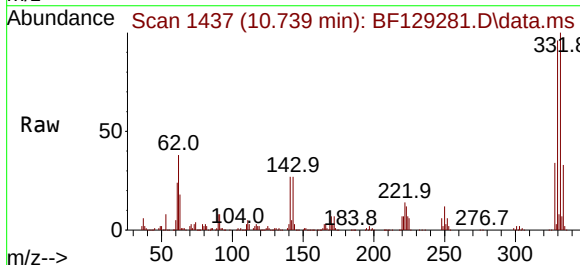
Instrument :
BNA_F
ClientSampleId :
PB146253TB

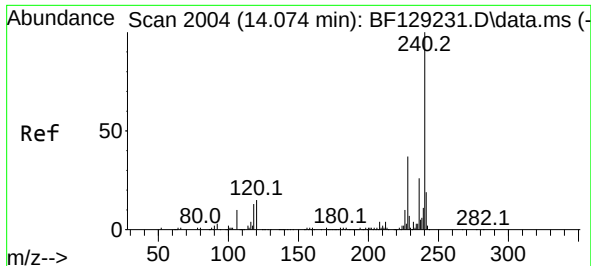
Tgt Ion:188 Resp: 1050642
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.6#
80 11.5 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.233 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

Tgt Ion:248 Resp: 46814
Ion Ratio Lower Upper
248 100
250 200.9 80.6 120.8#
141 469.5 58.9 88.3#

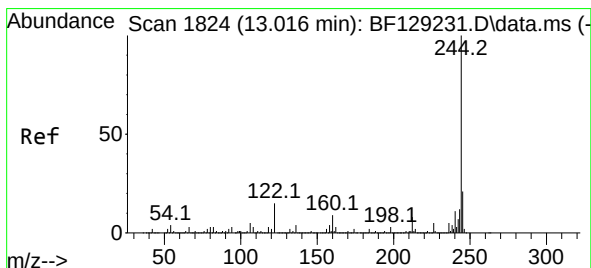
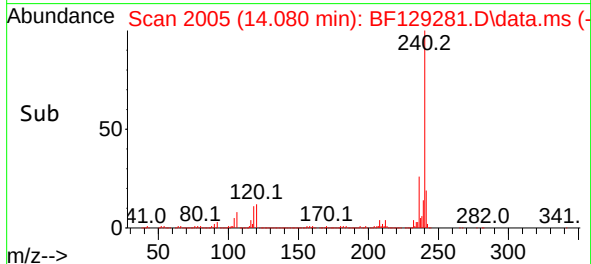
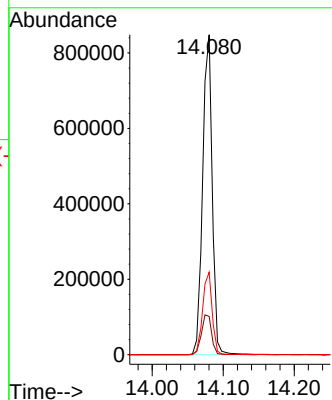
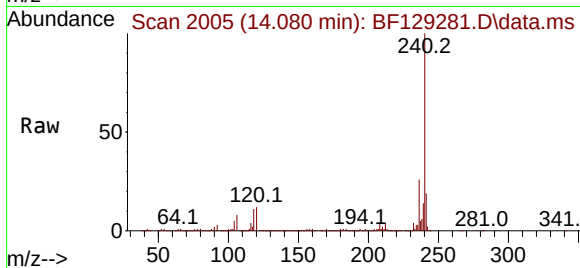




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

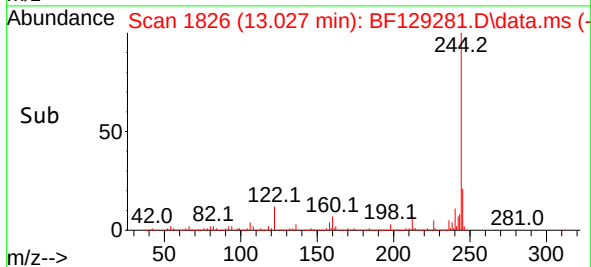
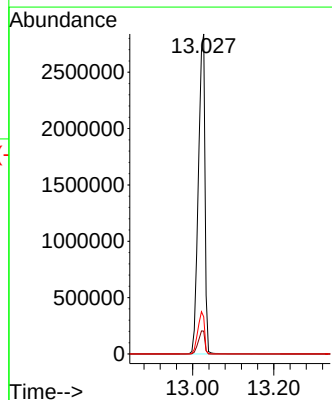
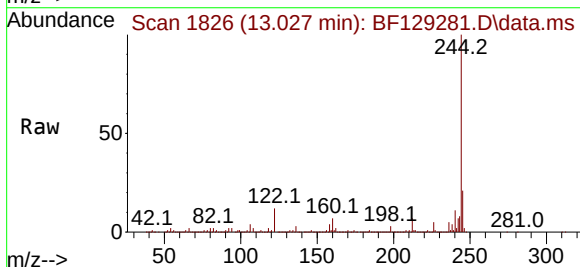
Instrument :
BNA_F
ClientSampleId :
PB146253TB

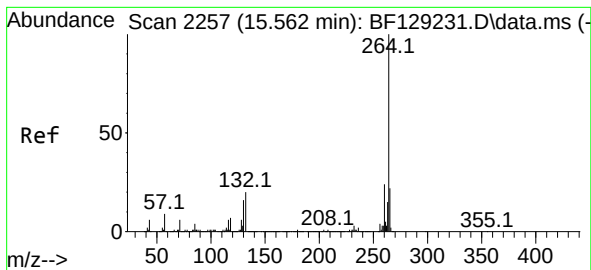
Tgt Ion:240 Resp: 799419
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 75.324 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.012 min
Lab File: BF129281.D
Acq: 19 Jul 2022 09:59

Tgt Ion:244 Resp: 3218871
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 11.6 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF129281.D
 Acq: 19 Jul 2022 09:59

Instrument :
 BNA_F
 ClientSampleId :
 PB146253TB

Tgt Ion:264 Resp: 654451
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.3 17.2 25.8

