

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127962.D
 Acq On : 27 Apr 2022 23:15
 Operator : CG\JU
 Sample : N2560-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2869

Quant Time: Apr 28 05:17:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

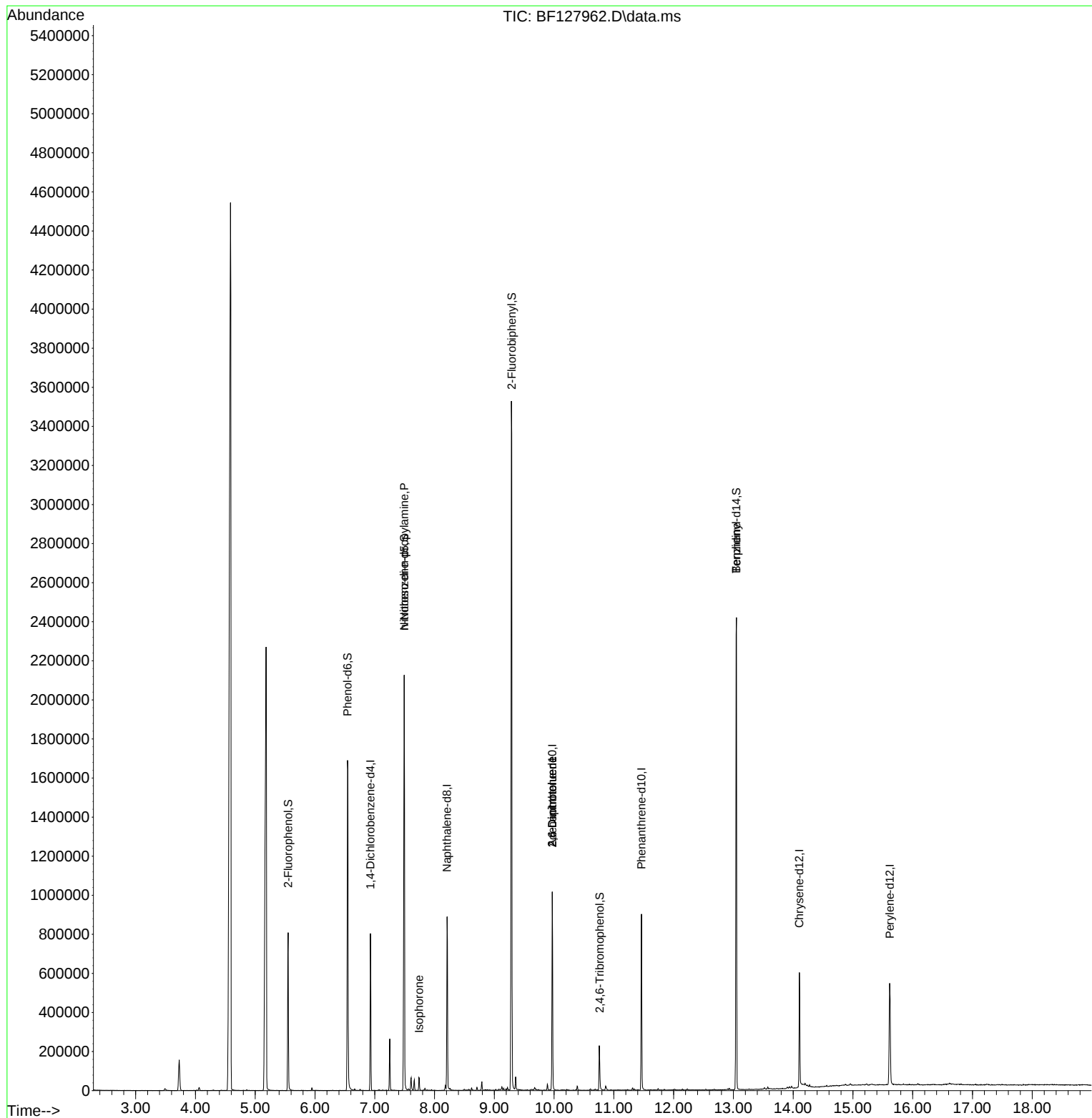
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	105445	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	397661	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	213205	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	317069	20.000	ng	0.00
76) Chrysene-d12	14.104	240	199634	20.000	ng	-0.01
86) Perylene-d12	15.615	264	250672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	202437	30.579	ng	0.00
7) Phenol-d6	6.545	99	586571	68.284	ng	-0.02
23) Nitrobenzene-d5	7.492	82	750324	88.727	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	27106	12.629	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1166152	92.532	ng	0.00
79) Terphenyl-d14	13.051	244	860217	78.792	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.492	70	101995	19.397	ng	Qvalue # 80
25) Isophorone	7.739	82	28551	2.006	ng	99
51) 2,6-Dinitrotoluene	9.969	165	27237	8.798	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	27237	6.642	ng	# 26
77) Benzidine	13.051	184	12111	3.206	ng	# 91

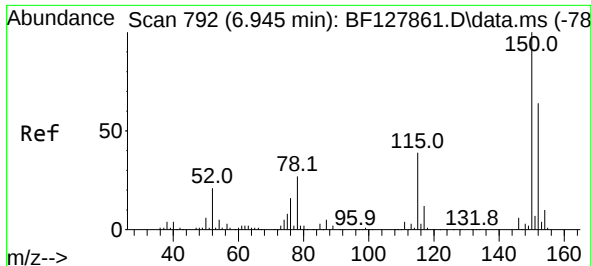
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF127962.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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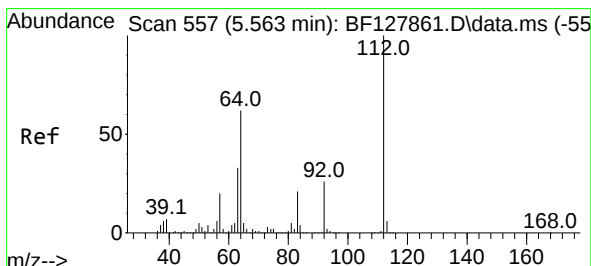
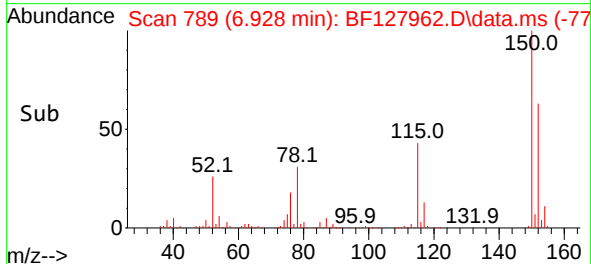
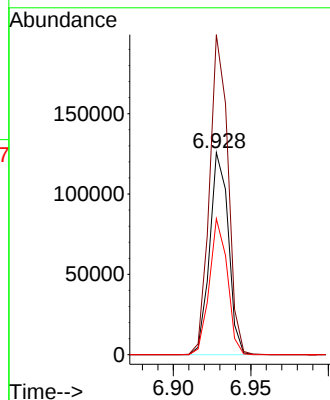
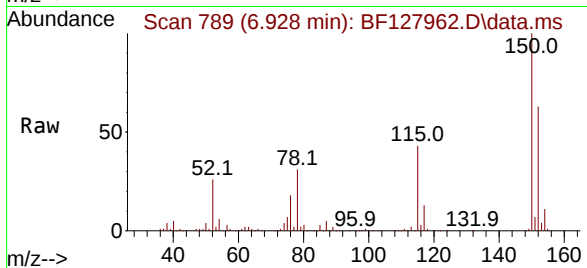




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF127962.D
 Acq: 27 Apr 2022 23:15

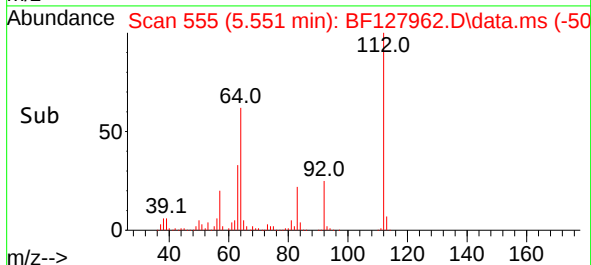
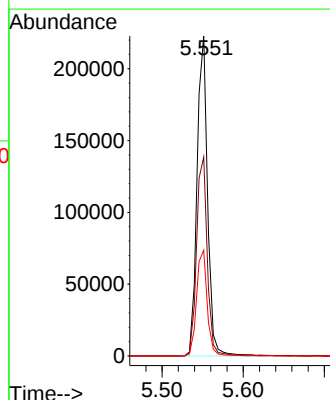
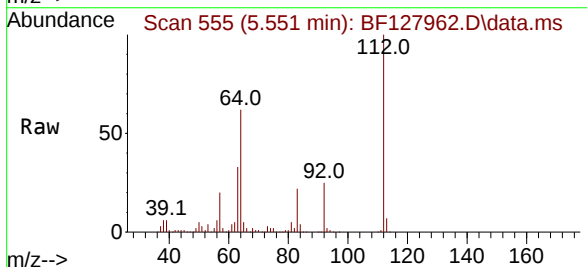
Instrument :
 BNA_F
 ClientSampleId :
 2869

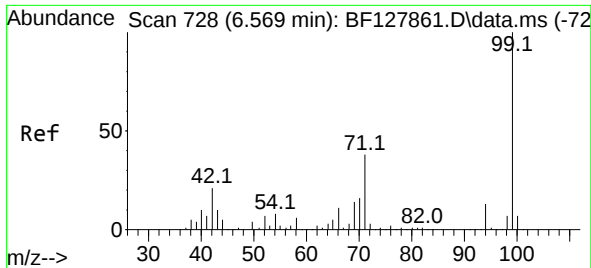
Tgt Ion:152 Resp: 105445
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.3 187.9
 115 67.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 30.579 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF127962.D
 Acq: 27 Apr 2022 23:15

Tgt Ion:112 Resp: 202437
 Ion Ratio Lower Upper
 112 100
 64 62.2 49.5 74.3
 63 33.1 26.3 39.5

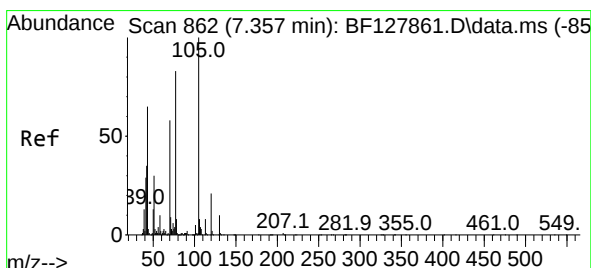
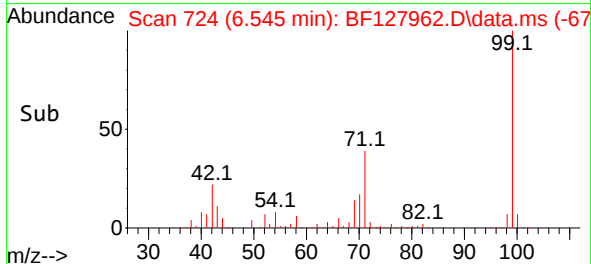
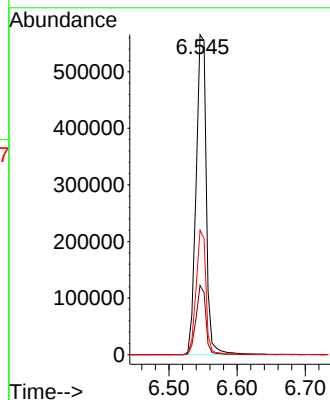
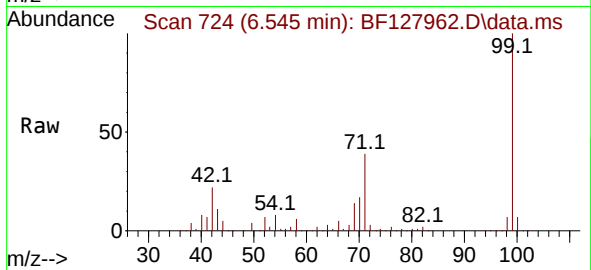




#7
Phenol-d6
Concen: 68.284 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

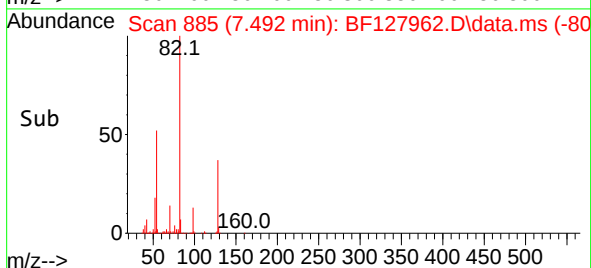
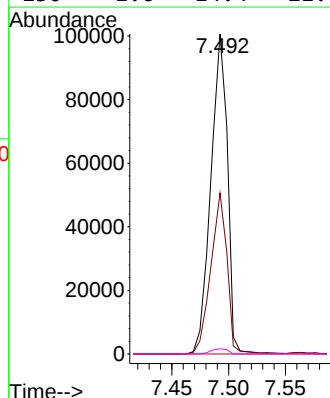
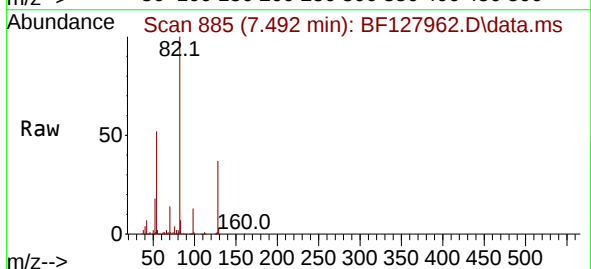
Instrument :
BNA_F
ClientSampleId :
2869

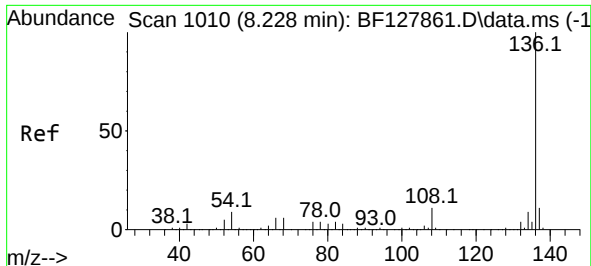
Tgt Ion: 99 Resp: 586571
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 38.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.397 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

Tgt Ion: 70 Resp: 101995
Ion Ratio Lower Upper
70 100
42 50.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

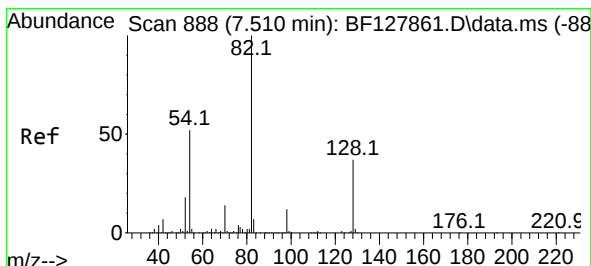
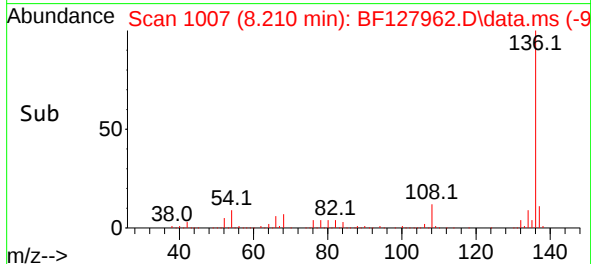
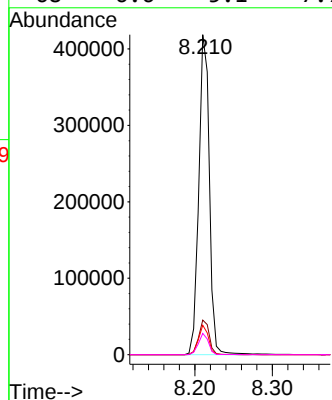
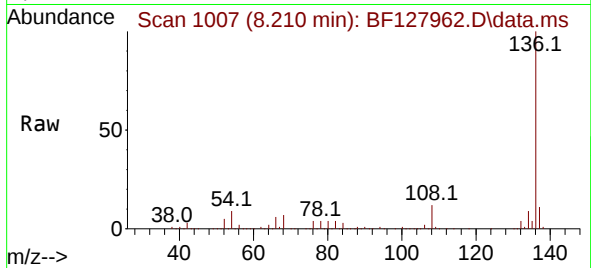




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

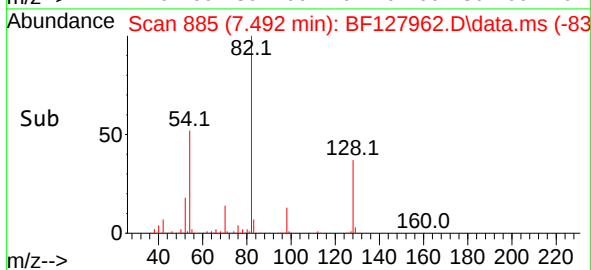
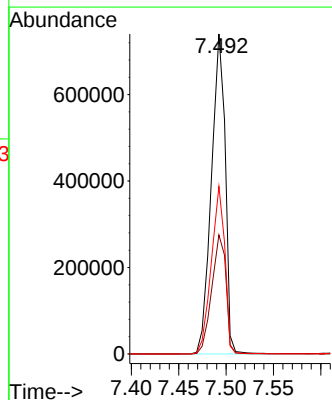
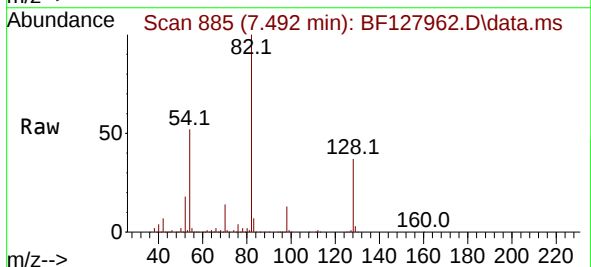
Instrument :
BNA_F
ClientSampleId :
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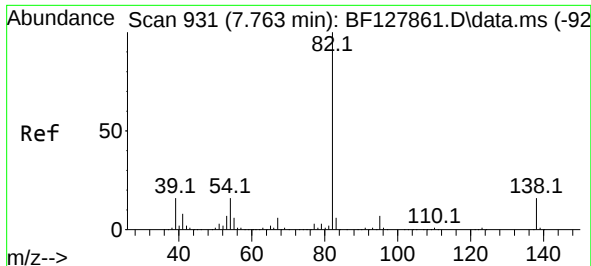
Tgt Ion:136	Resp: 397661
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 9.2	6.8 10.2
68 6.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.727 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

Tgt Ion: 82	Resp: 750324
Ion Ratio	Lower Upper
82 100	
128 37.2	30.0 45.0
54 52.3	41.3 61.9

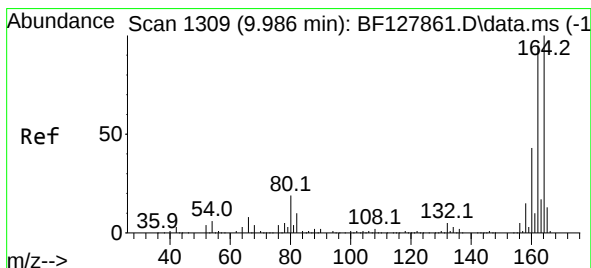
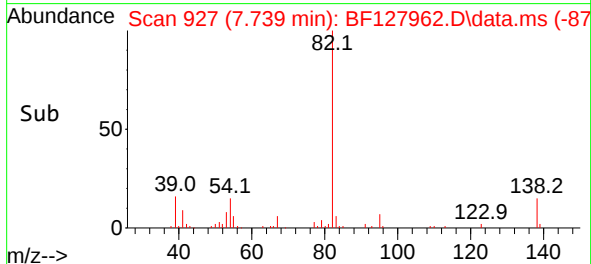
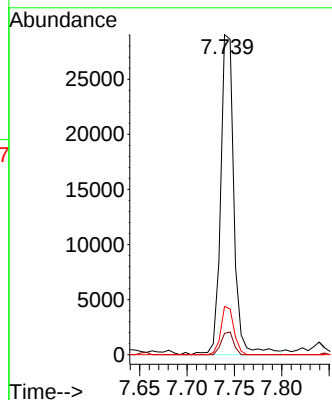
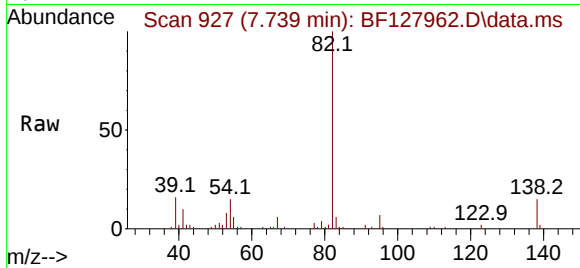




#25
Isophorone
Concen: 2.006 ng
RT: 7.739 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

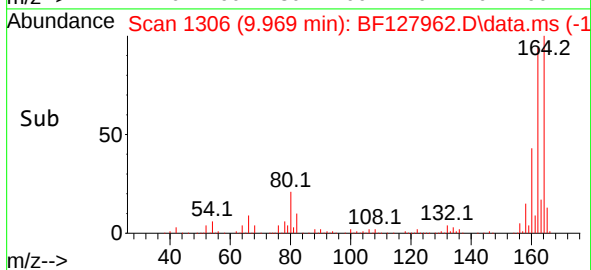
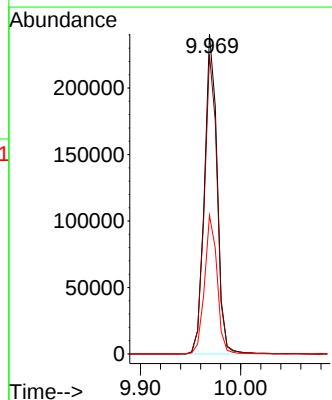
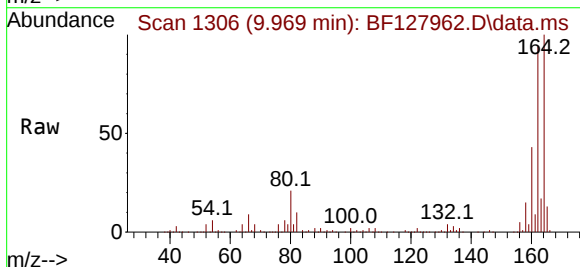
Instrument :
BNA_F
ClientSampleId :
2869

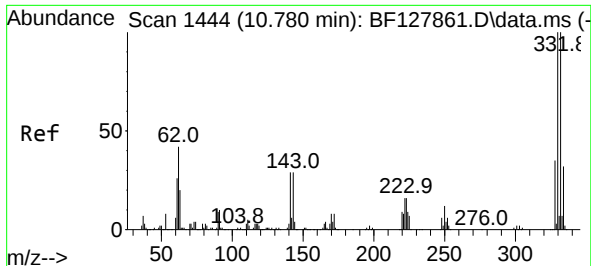
Tgt Ion: 82 Resp: 28551
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 15.1 12.5 18.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

Tgt Ion: 164 Resp: 213205
Ion Ratio Lower Upper
164 100
162 93.6 76.0 114.0
160 43.3 34.8 52.2

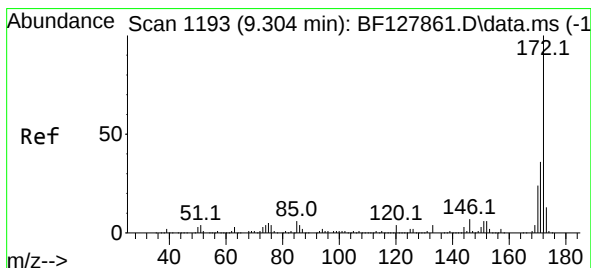
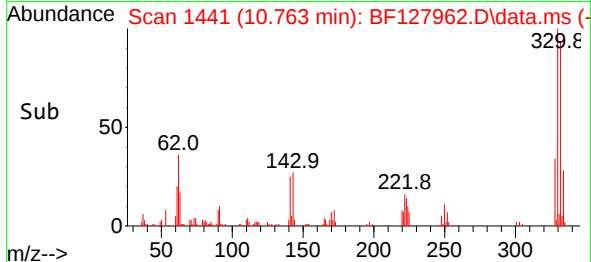
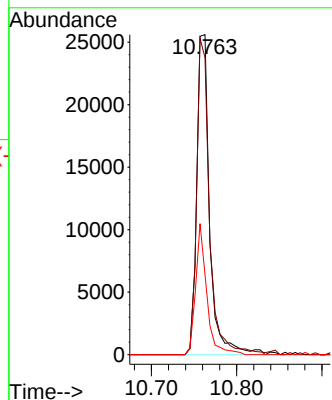
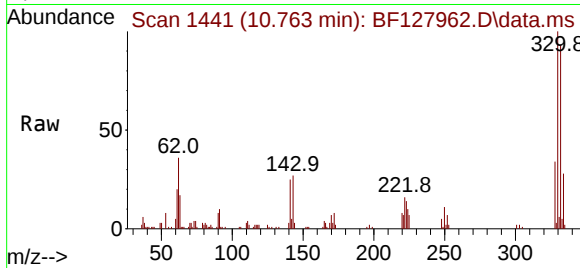




#42
 2,4,6-Tribromophenol
 Concen: 12.629 ng
 RT: 10.763 min Scan# 1441
 Delta R.T. -0.006 min
 Lab File: BF127962.D
 Acq: 27 Apr 2022 23:15

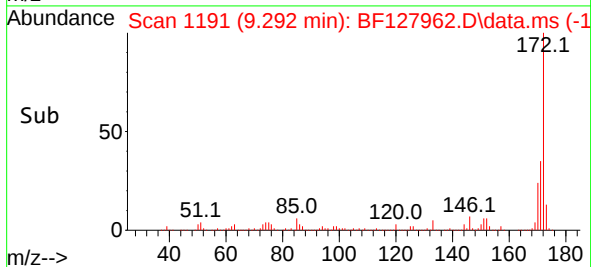
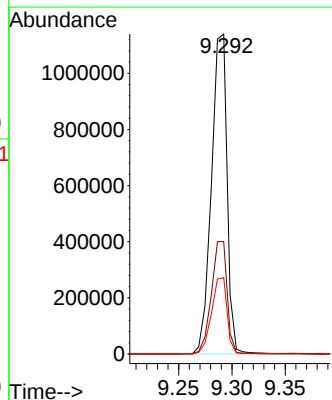
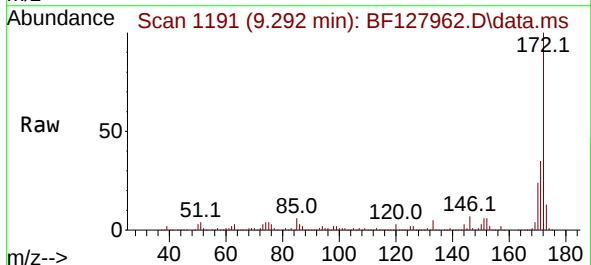
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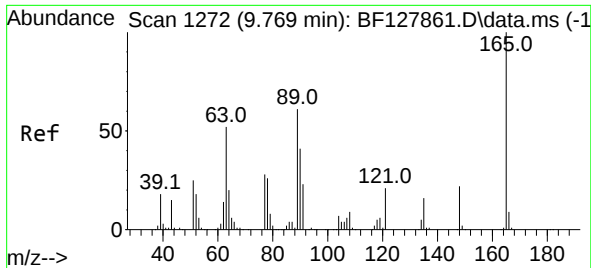
Tgt Ion: 330 Resp: 27106
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 35.0 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 92.532 ng
 RT: 9.292 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: BF127962.D
 Acq: 27 Apr 2022 23:15

Tgt Ion: 172 Resp: 1166152
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.8 19.1 28.7

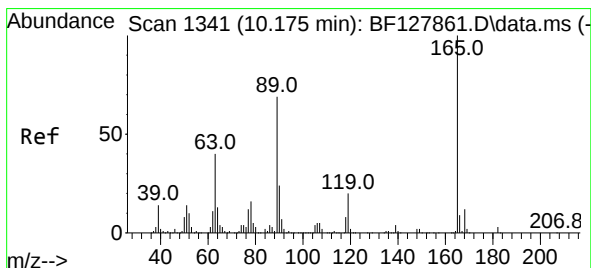
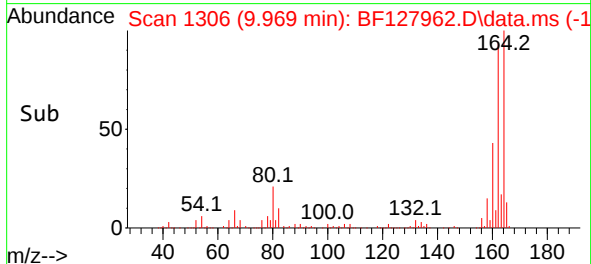
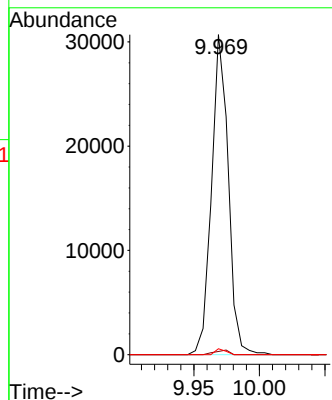
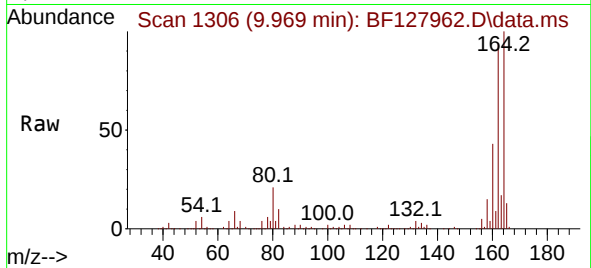




#51
2,6-Dinitrotoluene
Concen: 8.798 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

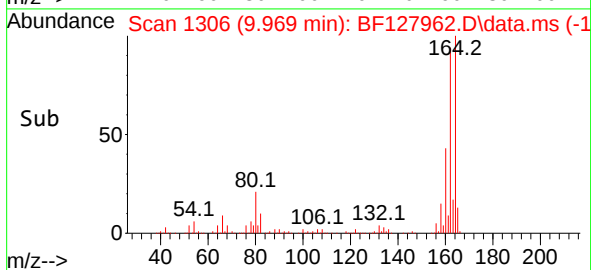
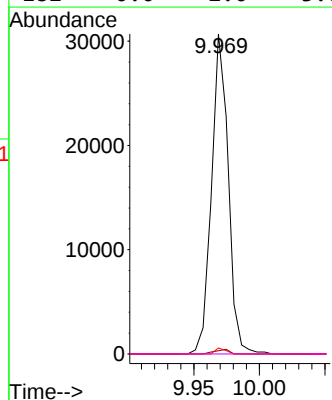
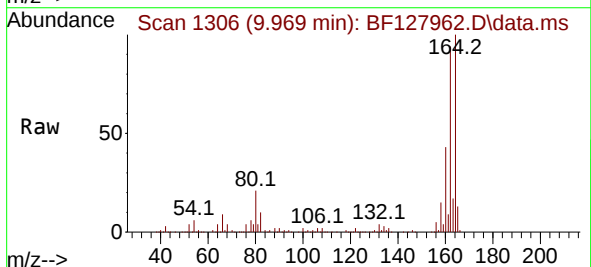
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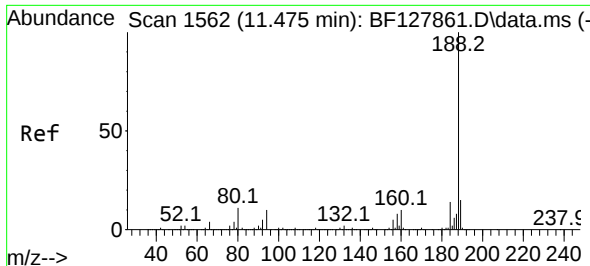
Tgt Ion:165 Resp: 27237
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.642 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

Tgt Ion:165 Resp: 27237
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.9 55.2 82.8#
182 0.0 2.0 3.0#

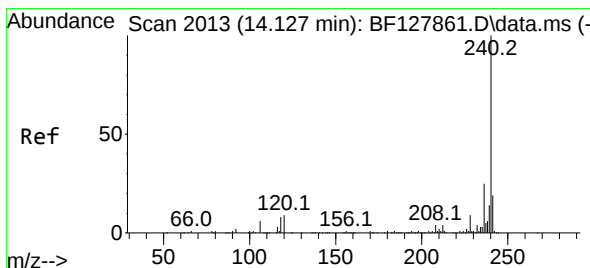
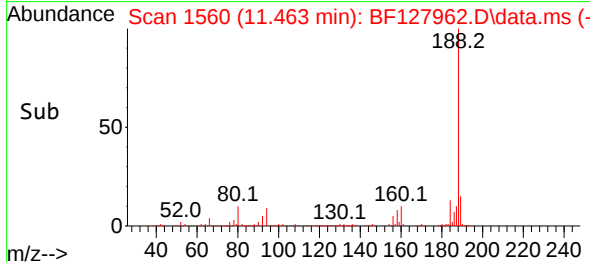
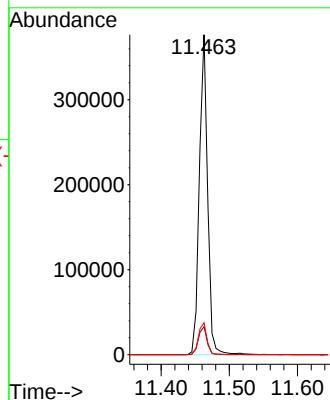
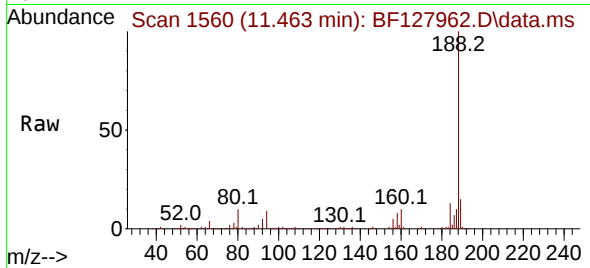




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

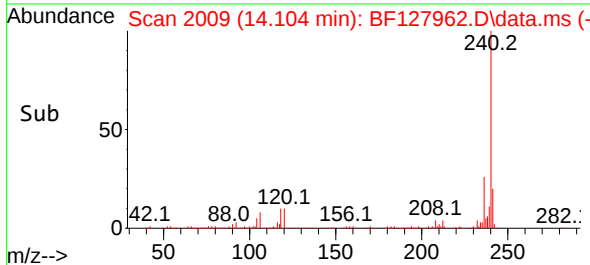
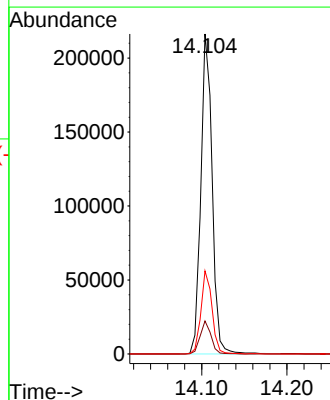
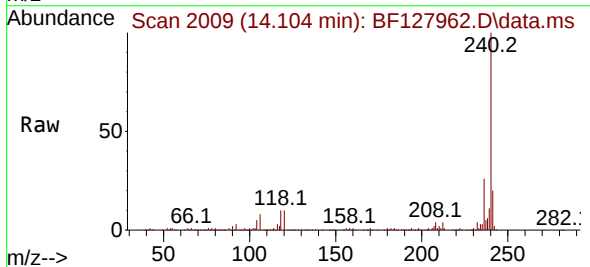
Instrument :
BNA_F
ClientSampleId :
2869

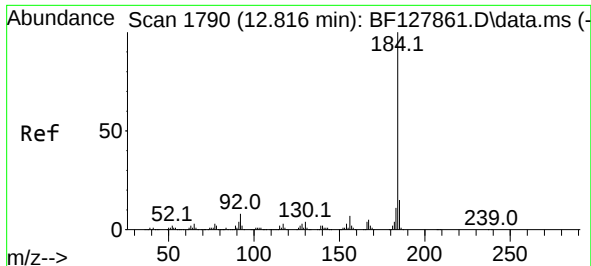
Tgt Ion:188 Resp: 317069
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

Tgt Ion:240 Resp: 199634
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 26.0 20.3 30.5

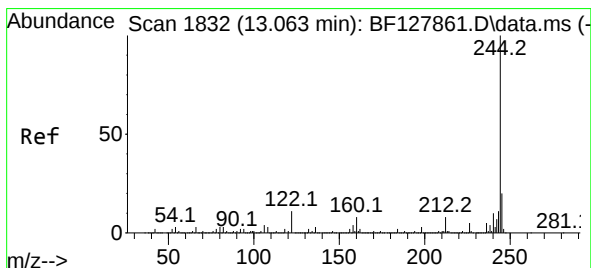
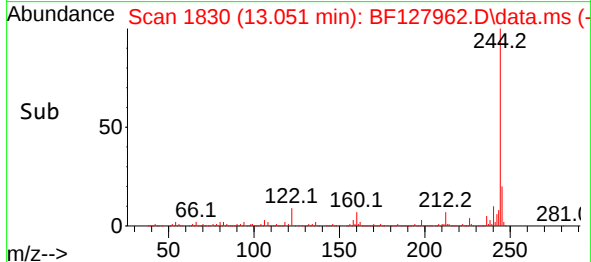
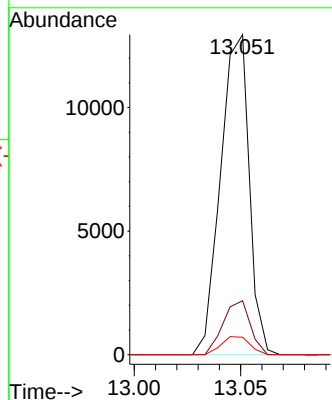
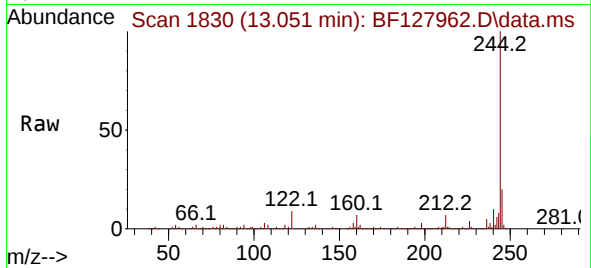




#77
Benzidine
Concen: 3.206 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

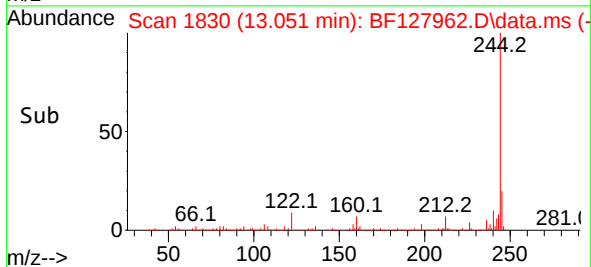
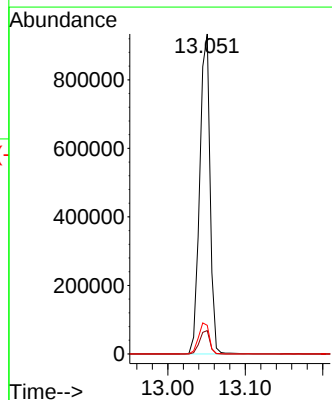
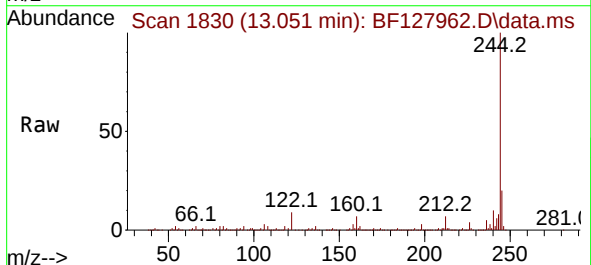
Instrument :
BNA_F
ClientSampleId :
2869

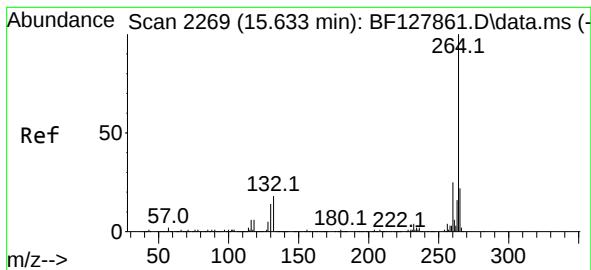
Tgt Ion:184 Resp: 12111
Ion Ratio Lower Upper
184 100
185 16.8 12.1 18.1
183 5.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 78.792 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127962.D
Acq: 27 Apr 2022 23:15

Tgt Ion:244 Resp: 860217
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 8.9 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127962.D

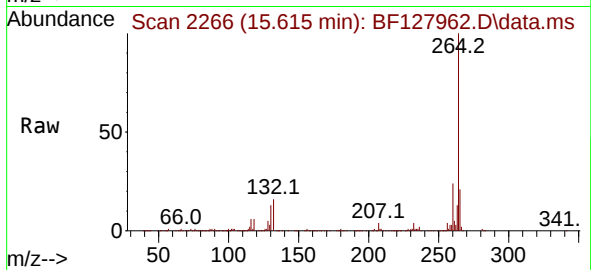
Acq: 27 Apr 2022 23:15

Instrument :

BNA_F

ClientSampleId :

2869



Tgt Ion:264 Resp: 250672

Ion Ratio Lower Upper

264 100

260 23.7 20.1 30.1

265 21.4 17.5 26.3

