

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127871.D
 Acq On : 25 Apr 2022 10:45
 Operator : CG\JU
 Sample : PB144283BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144283BL

Quant Time: Apr 25 16:54:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

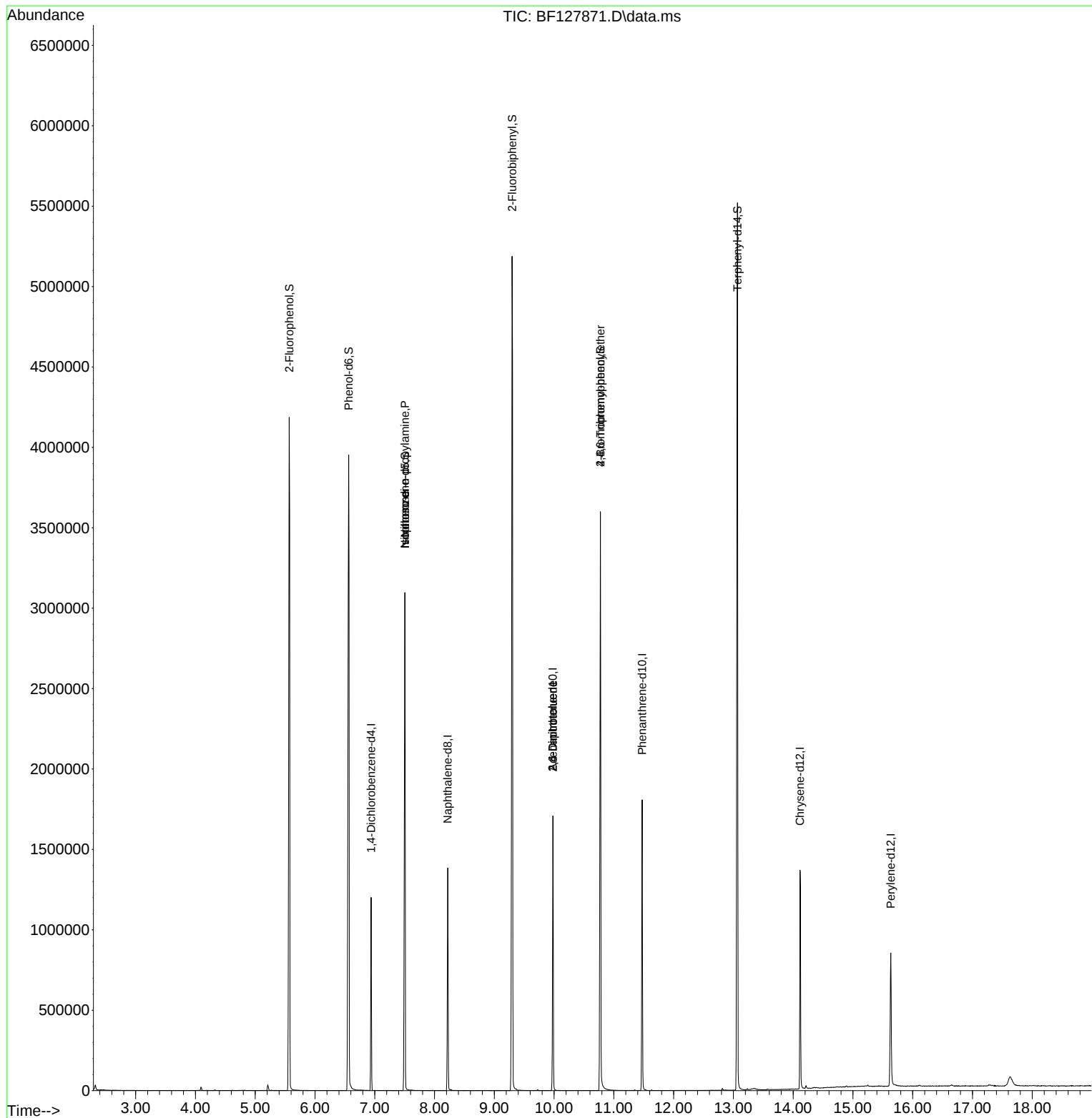
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	155245	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	619726	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	352281	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	652092	20.000	ng	0.00
76) Chrysene-d12	14.116	240	492816	20.000	ng	#-0.01
86) Perylene-d12	15.633	264	405901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1250308	128.279	ng	0.00
7) Phenol-d6	6.563	99	1635295	129.302	ng	0.00
23) Nitrobenzene-d5	7.504	82	1172226	88.947	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	441366	124.458	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1879301	90.249	ng	0.00
79) Terphenyl-d14	13.069	244	2211107	82.042	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	160104	20.680	ng	# 79
25) Isophorone	7.504	82	1172216	52.848	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	45107	8.818	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	45107	6.657	ng	# 25
67) 4-Bromophenyl-phenylether	10.775	248	27975	3.870	ng	# 1

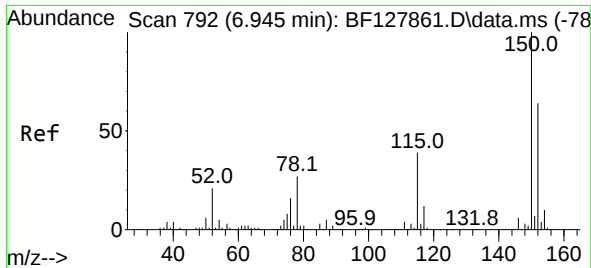
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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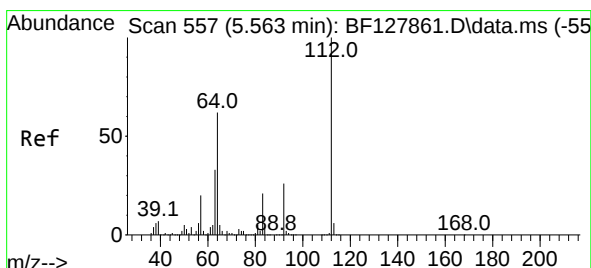
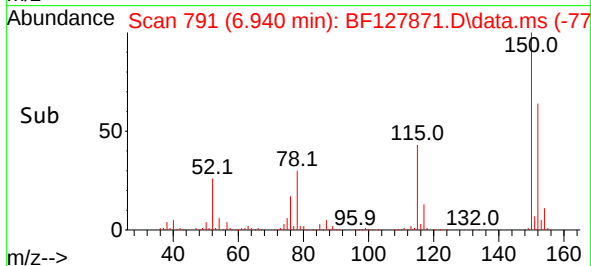
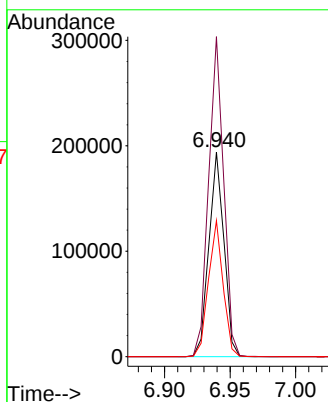
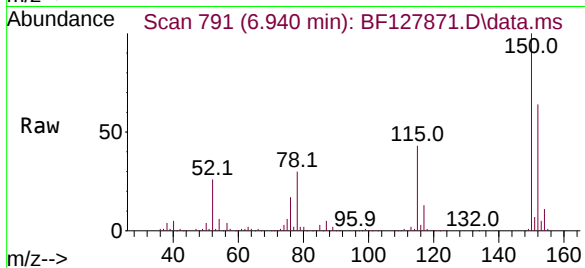




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

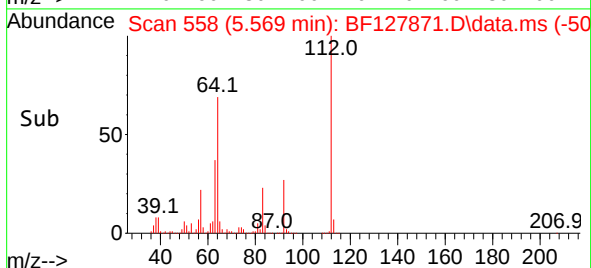
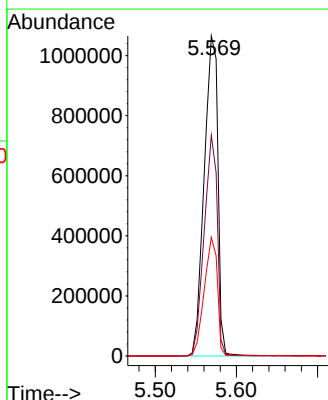
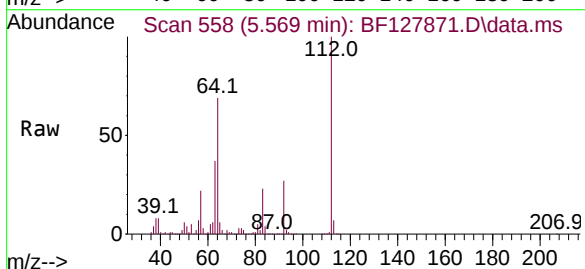
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BNA_F
ClientSampleId :
PB144283BL

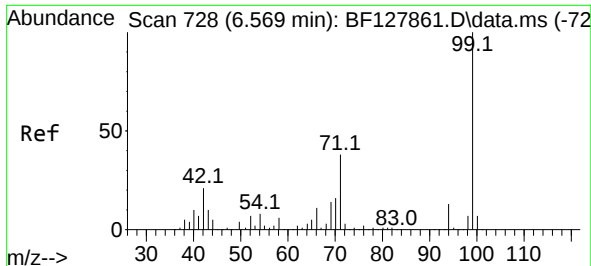
Tgt Ion:152 Resp: 155245
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 66.5 48.8 73.2



#5
2-Fluorophenol
Concen: 128.279 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

Tgt Ion:112 Resp: 1250308
Ion Ratio Lower Upper
112 100
64 69.0 49.5 74.3
63 37.0 26.3 39.5

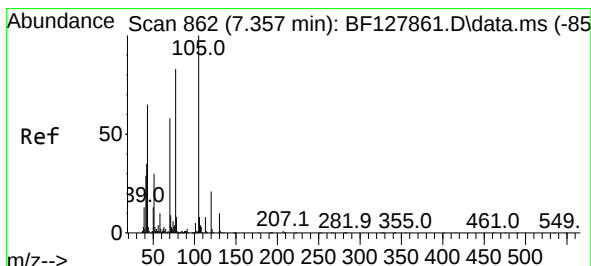
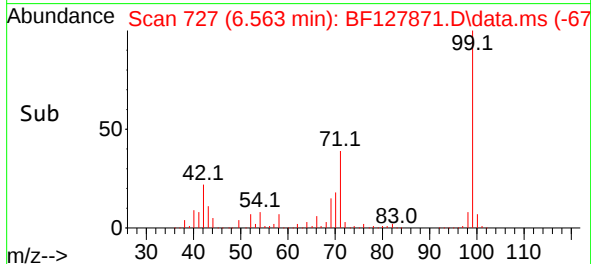
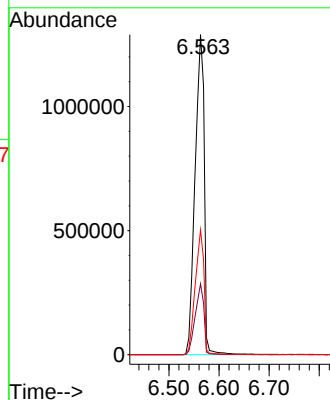
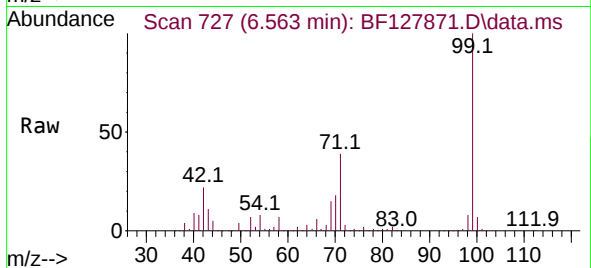




#7
Phenol-d6
Concen: 129.302 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

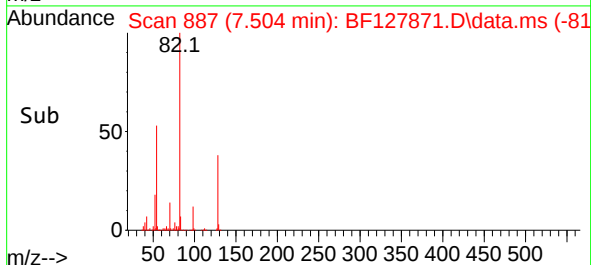
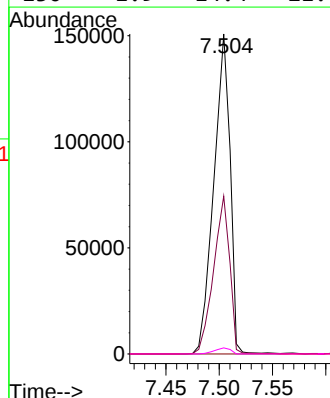
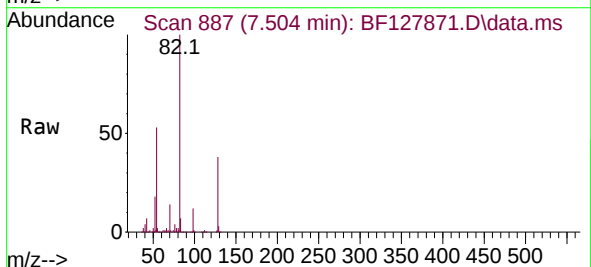
Instrument :
BNA_F
ClientSampleId :
PB144283BL

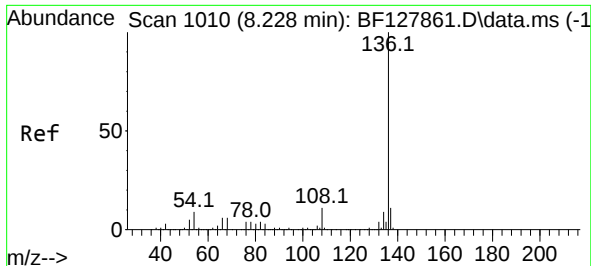
Tgt Ion: 99 Resp: 1635295
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 39.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.680 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

Tgt Ion: 70 Resp: 160104
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

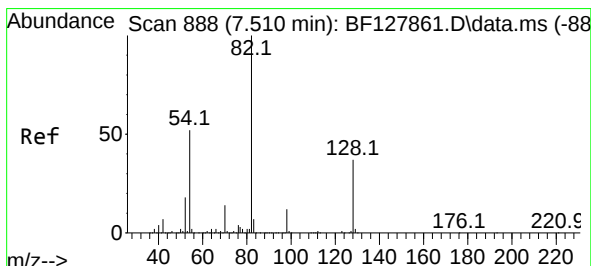
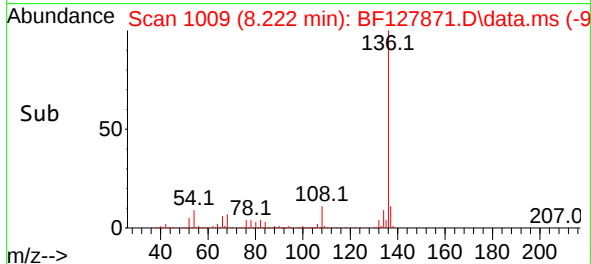
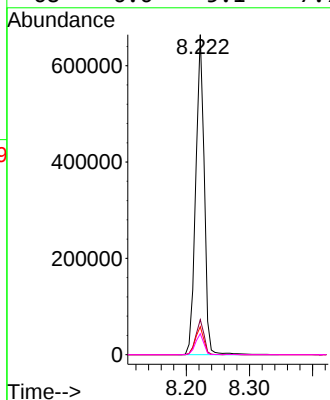
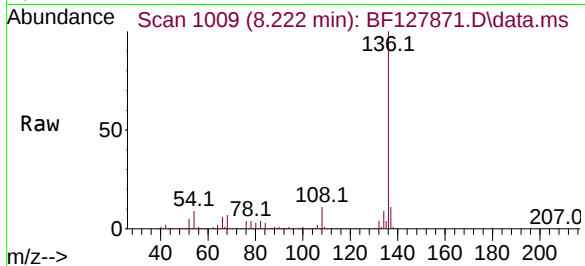




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

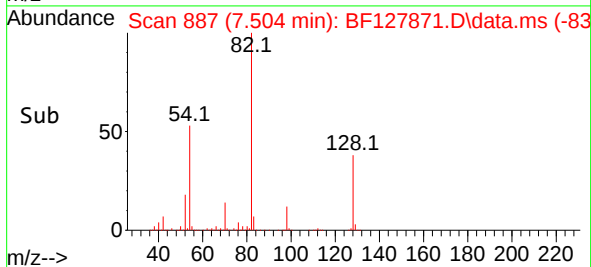
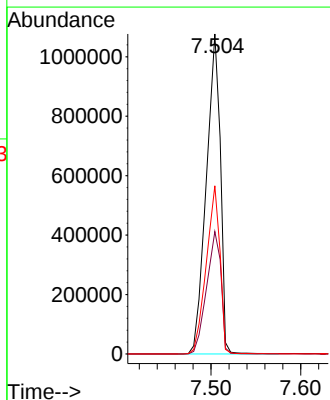
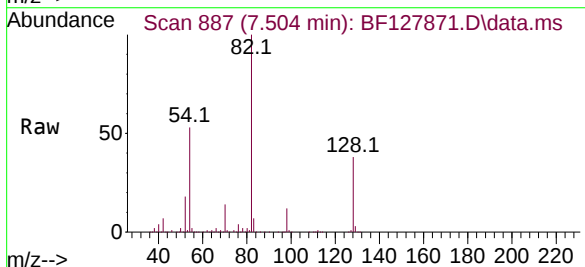
Instrument :
BNA_F
ClientSampleId :
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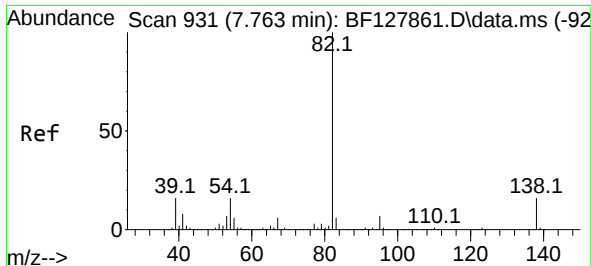
Tgt Ion:136 Resp: 619726
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.8 10.2
68 6.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 88.947 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

Tgt Ion: 82 Resp: 1172226
Ion Ratio Lower Upper
82 100
128 38.2 30.0 45.0
54 52.6 41.3 61.9

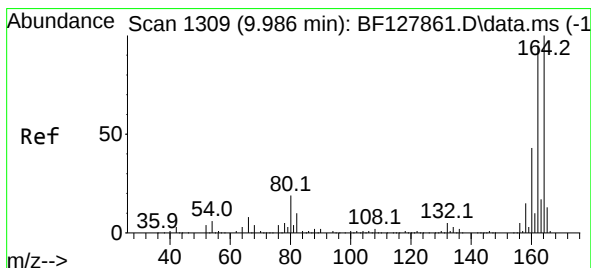
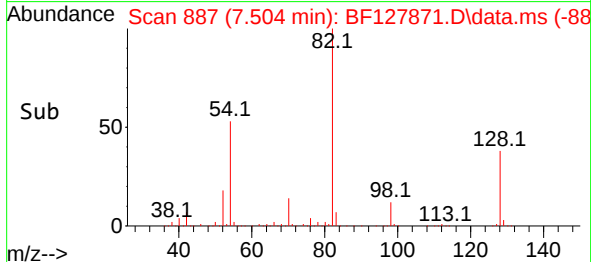
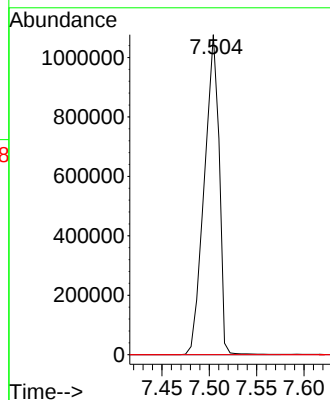
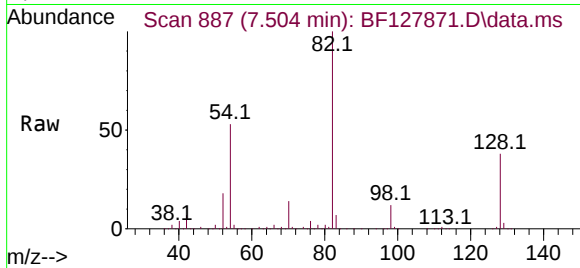




#25
Isophorone
Concen: 52.848 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

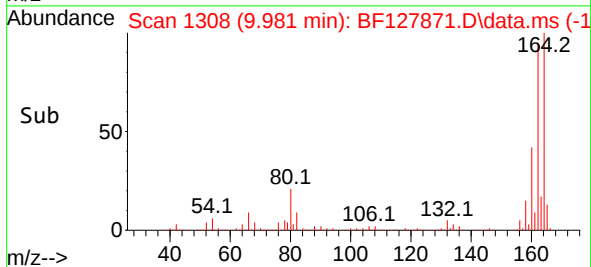
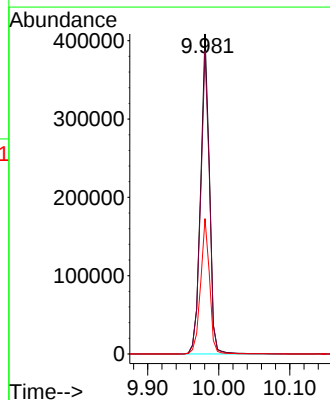
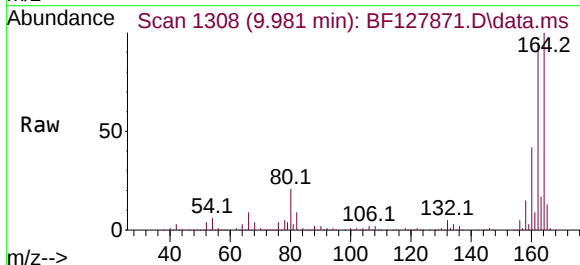
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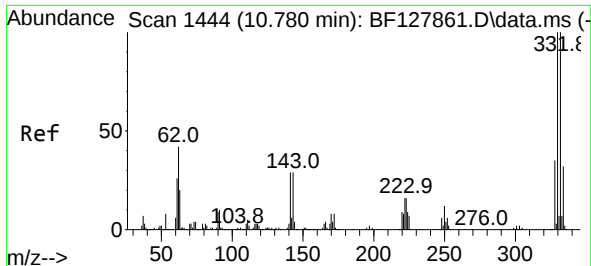
Tgt Ion: 82 Resp: 1172216
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

Tgt Ion: 164 Resp: 352281
Ion Ratio Lower Upper
164 100
162 94.6 76.0 114.0
160 42.3 34.8 52.2

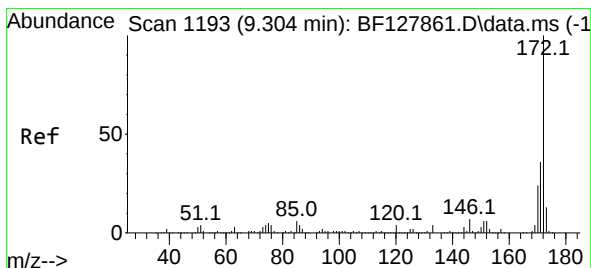
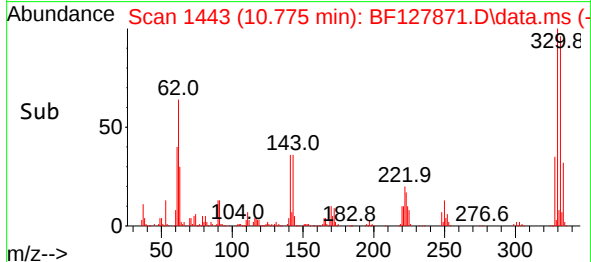
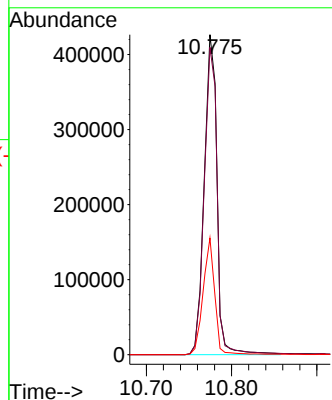
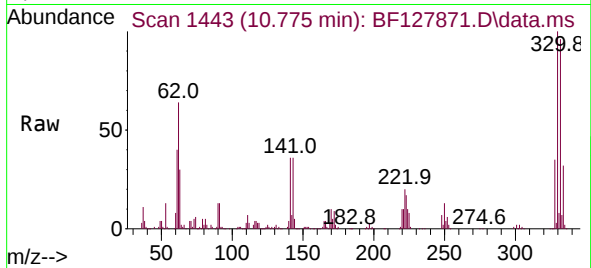




#42
2,4,6-Tribromophenol
Concen: 124.458 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

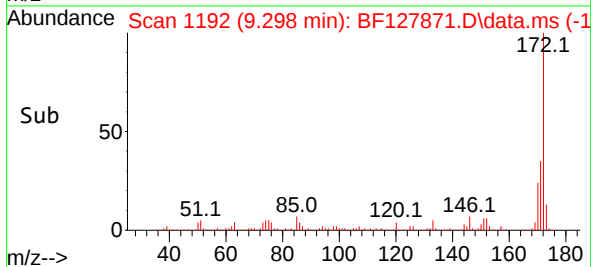
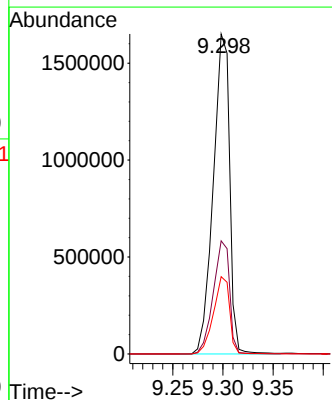
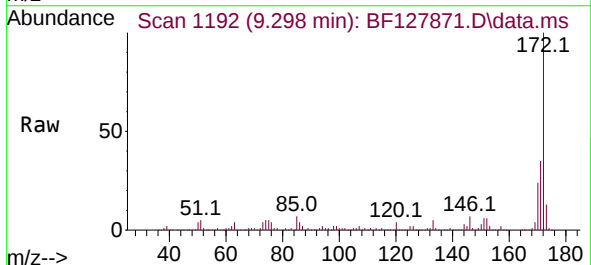
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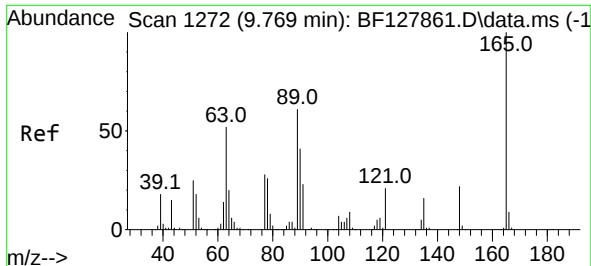
Tgt Ion: 330 Resp: 441366
Ion Ratio Lower Upper
330 100
332 98.0 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 90.249 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

Tgt Ion: 172 Resp: 1879301
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 24.1 19.1 28.7

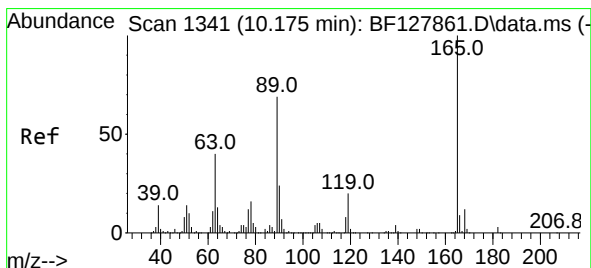
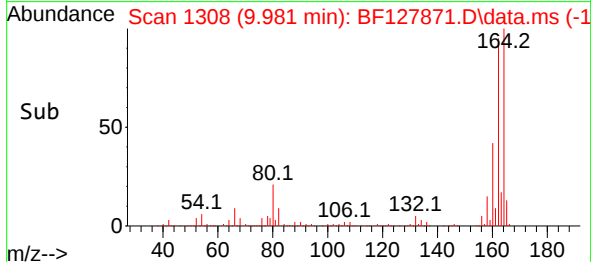
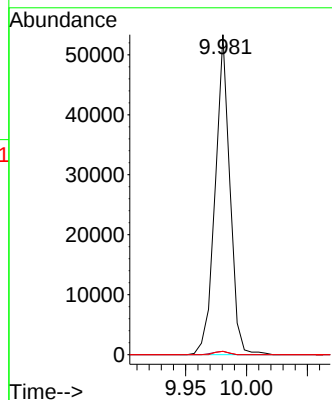
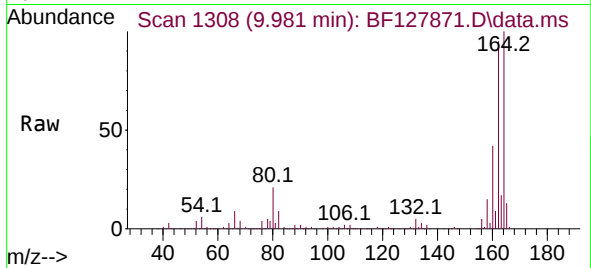




#51
2,6-Dinitrotoluene
Concen: 8.818 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

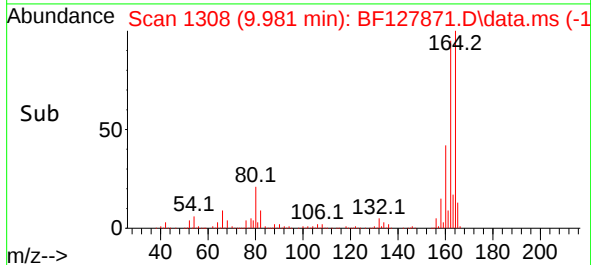
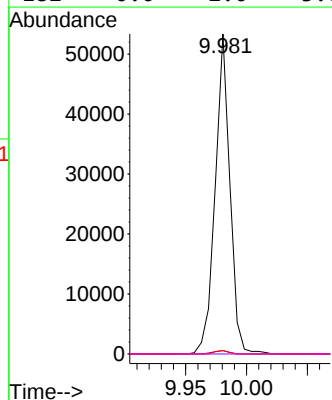
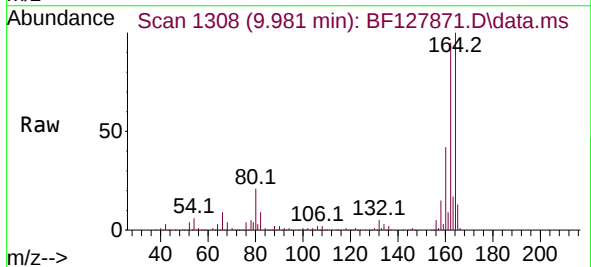
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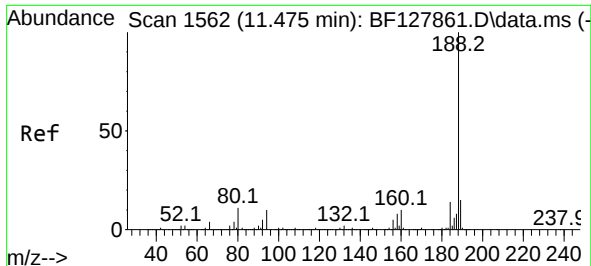
Tgt Ion:165 Resp: 45107
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.657 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

Tgt Ion:165 Resp: 45107
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#

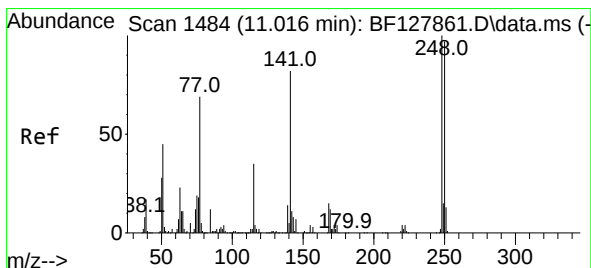
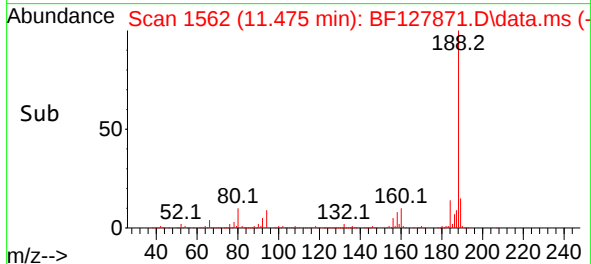
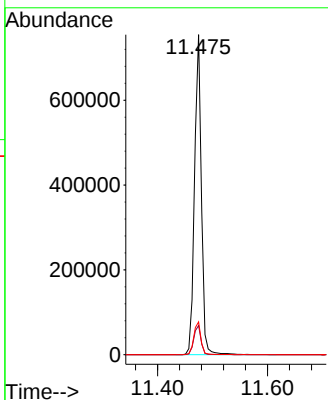
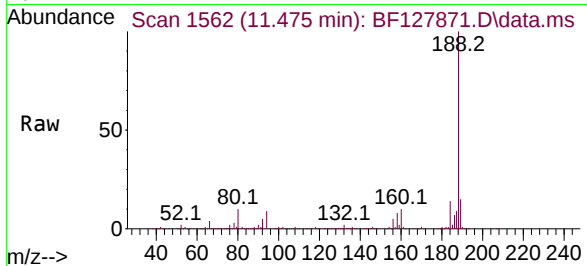




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

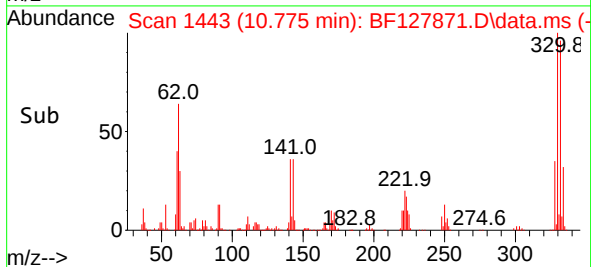
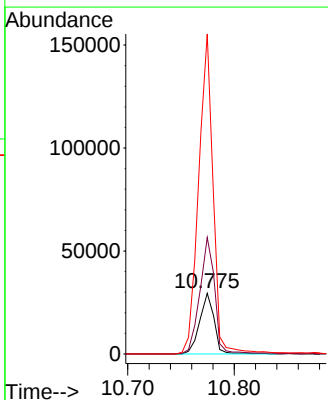
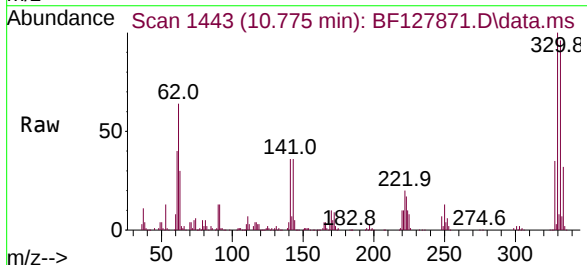
Instrument :
BNA_F
ClientSampleId :
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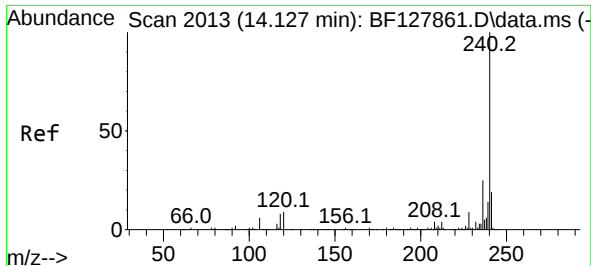
Tgt Ion:188 Resp: 652092
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.870 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

Tgt Ion:248 Resp: 27975
Ion Ratio Lower Upper
248 100
250 191.8 77.7 116.5#
141 527.1 65.6 98.4#

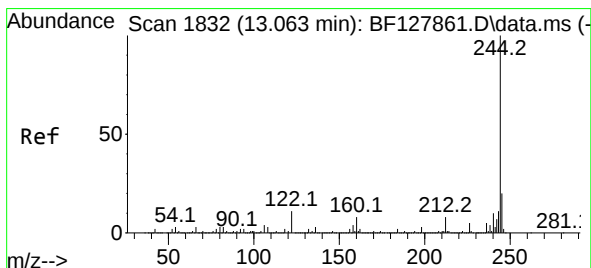
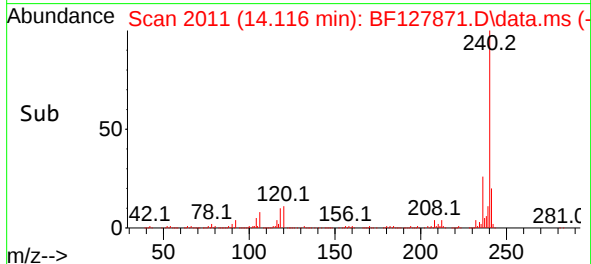
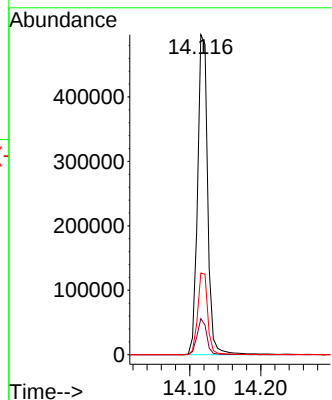
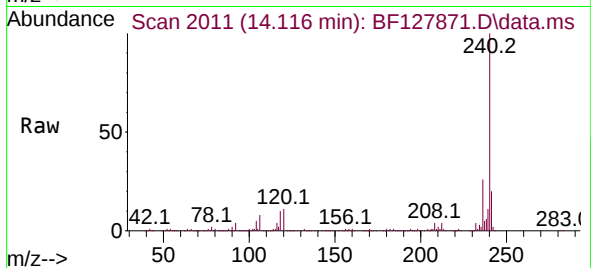




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

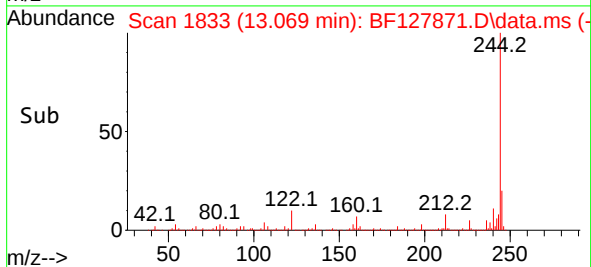
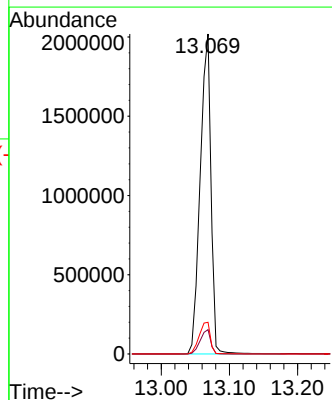
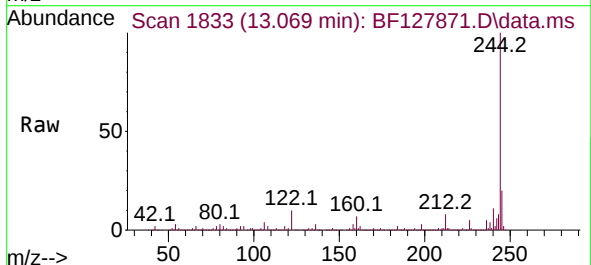
Instrument :
BNA_F
ClientSampleId :
PB144283BL

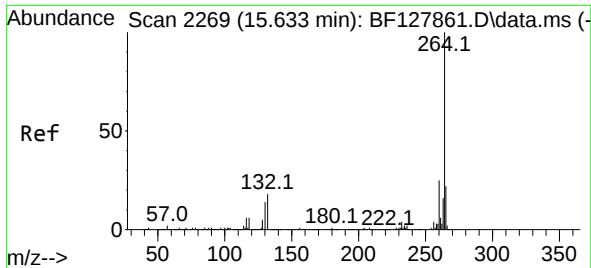
Tgt Ion:240 Resp: 492816
Ion Ratio Lower Upper
240 100
120 11.3 7.0 10.6#
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 82.042 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

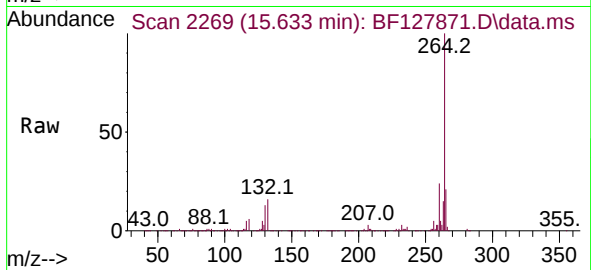
Tgt Ion:244 Resp: 2211107
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.9 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127871.D
Acq: 25 Apr 2022 10:45

Instrument :
BNA_F
ClientSampleId :
PB144283BL



Tgt Ion:264 Resp: 405901
Ion Ratio Lower Upper
264 100
260 24.1 20.1 30.1
265 21.3 17.5 26.3

