

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127380.D
 Acq On : 17 Mar 2022 17:16
 Operator : CG\JU
 Sample : N1943-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB2

Quant Time: Mar 18 04:40:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

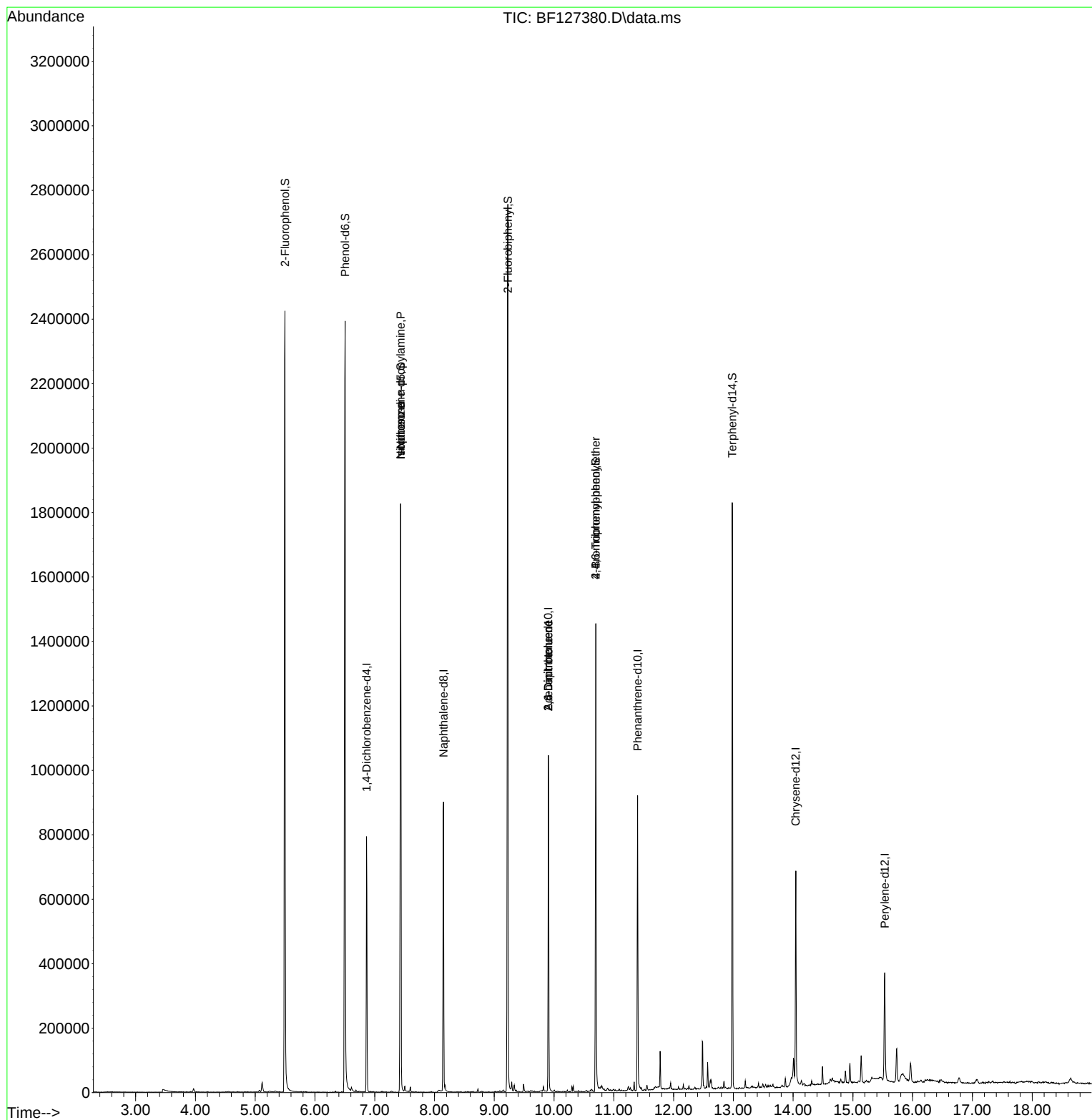
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	105573	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	385271	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	209260	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	300778	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	218223	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	158645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	614660	93.594	ng	0.00
7) Phenol-d6	6.504	99	837219	92.671	ng	0.00
23) Nitrobenzene-d5	7.434	82	581815	62.366	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	152629	67.755	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	889321	60.084	ng	0.00
79) Terphenyl-d14	12.980	244	644294	50.840	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.446	77	175	Below Cal	#	61
19) n-Nitroso-di-n-propyla...	7.434	70	77890	13.816	ng	# 88
25) Isophorone	7.434	82	581811	38.785	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	27364	9.022	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	27364	6.857	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	10450	2.882	ng	# 1

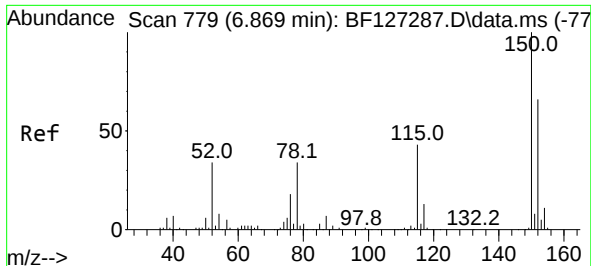
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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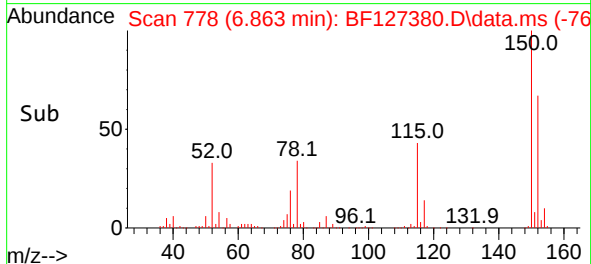
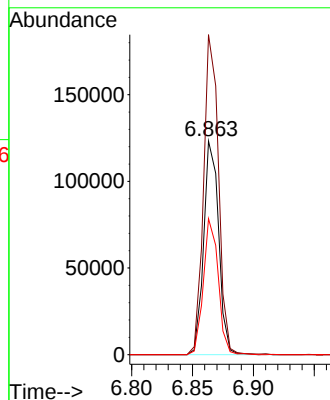
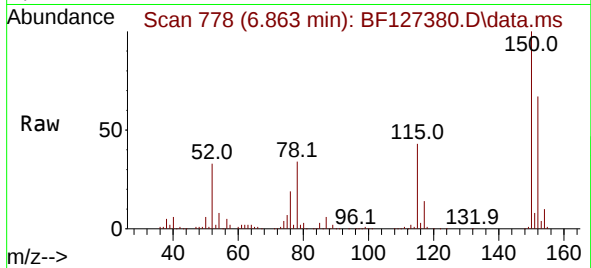




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

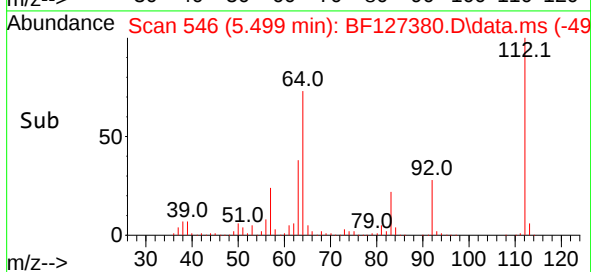
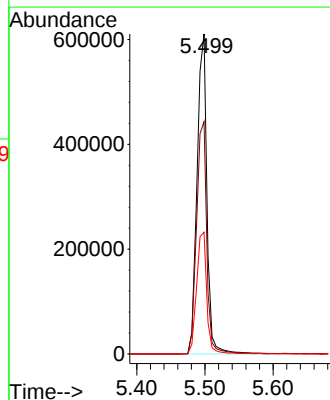
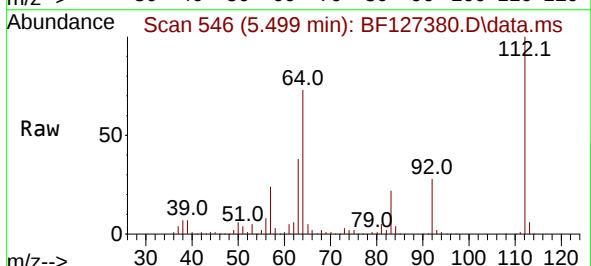
Instrument :
BNA_F
ClientSampleId :
TB2

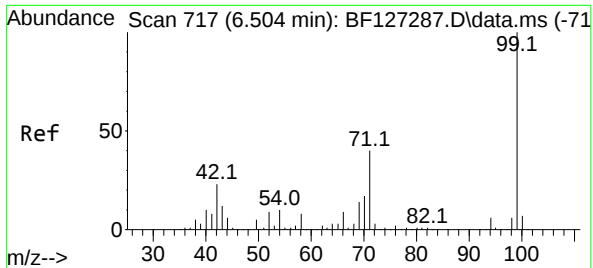
Tgt Ion:152 Resp: 105573
Ion Ratio Lower Upper
152 100
150 149.8 128.1 192.1
115 63.7 56.7 85.1



#5
2-Fluorophenol
Concen: 93.594 ng
RT: 5.499 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

Tgt Ion:112 Resp: 614660
Ion Ratio Lower Upper
112 100
64 72.6 49.5 74.3
63 38.0 23.9 35.9#

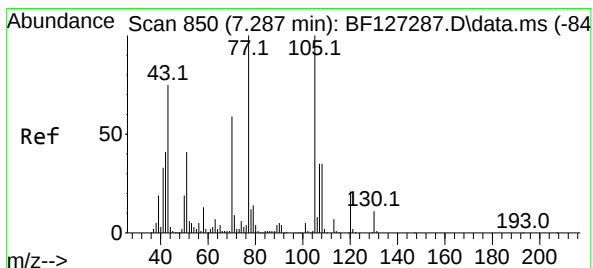
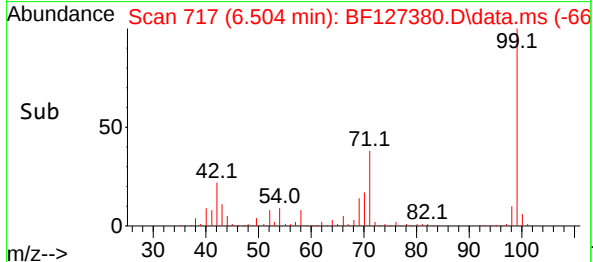
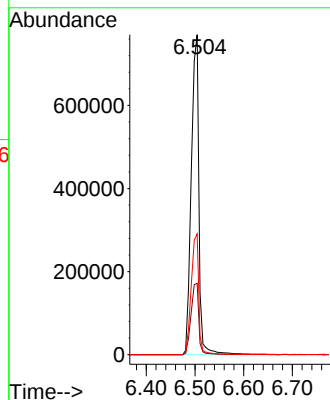
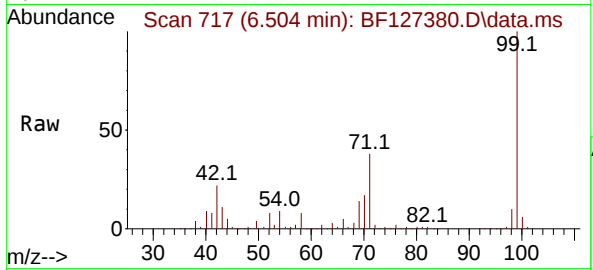




#7
Phenol-d6
Concen: 92.671 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

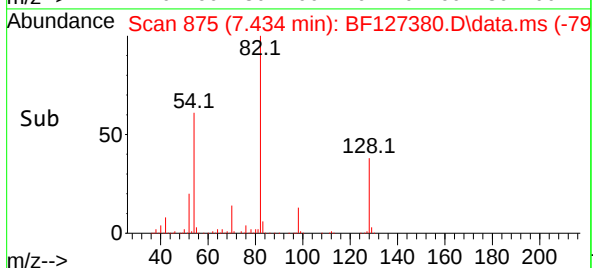
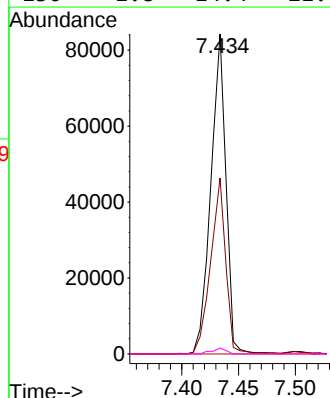
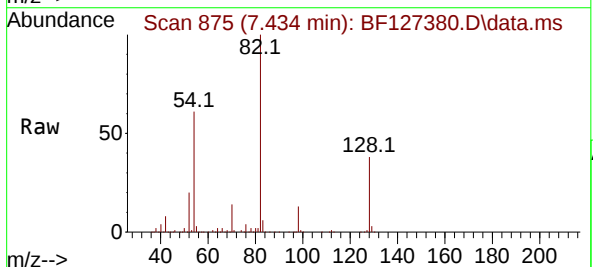
Instrument :
BNA_F
ClientSampleId :
TB2

Tgt Ion: 99 Resp: 837219
Ion Ratio Lower Upper
99 100
42 22.3 14.2 21.4#
71 37.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.816 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

Tgt Ion: 70 Resp: 77890
Ion Ratio Lower Upper
70 100
42 54.9 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

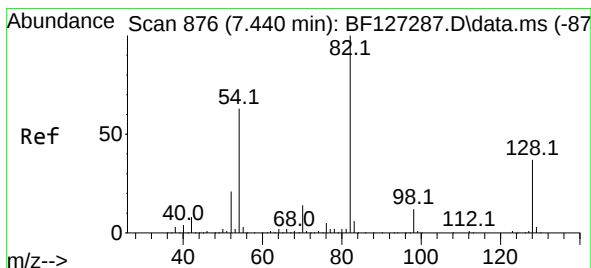
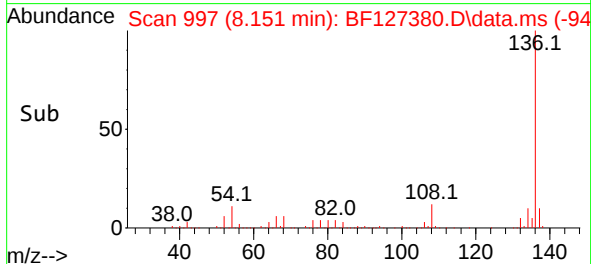
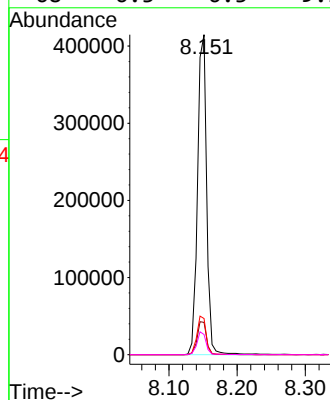
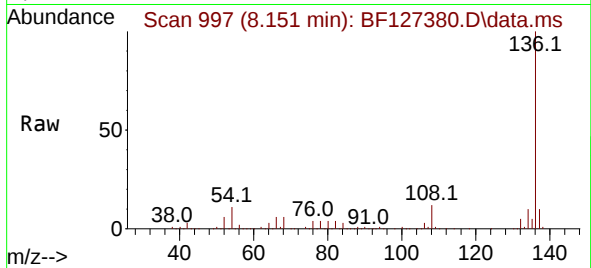




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

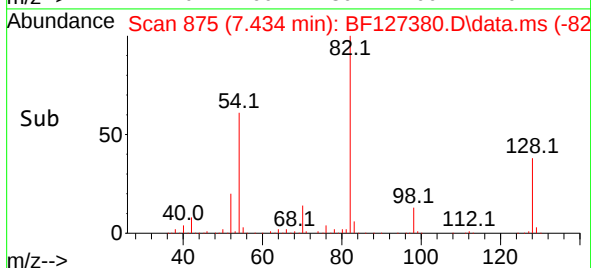
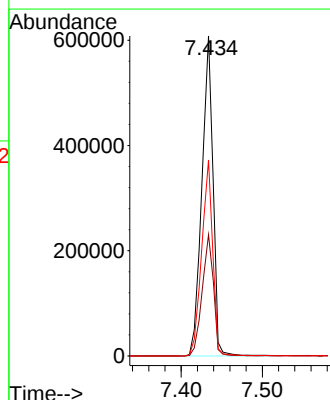
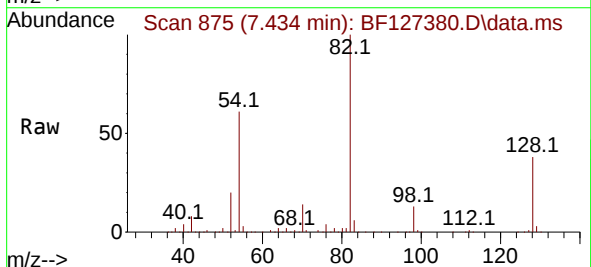
Instrument :
BNA_F
ClientSampleId :
TB2

Tgt Ion:136 Resp: 385271
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 11.3 7.8 11.6
68 6.3 6.3 9.5



#23
Nitrobenzene-d5
Concen: 62.366 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

Tgt Ion: 82 Resp: 581815
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 61.2 41.7 62.5

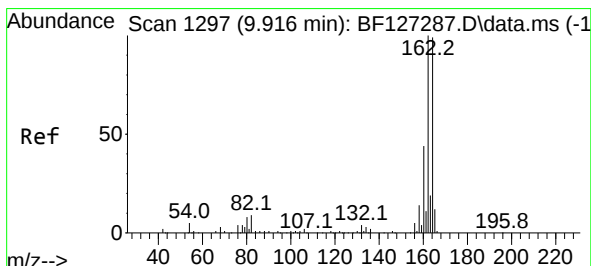
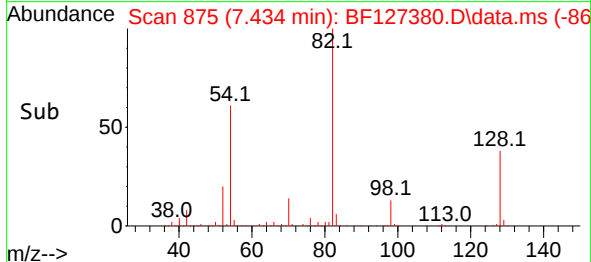
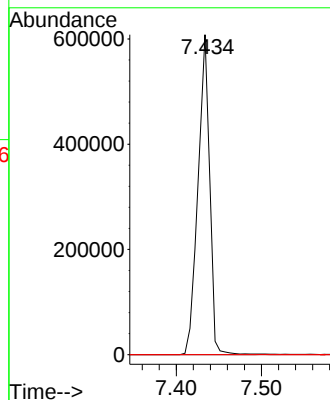
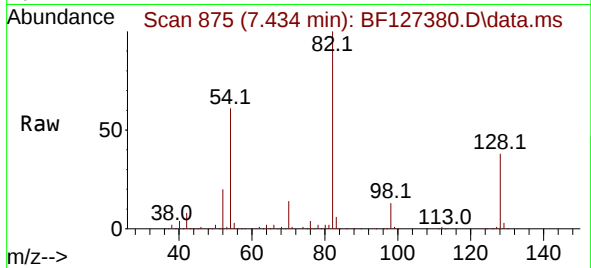




#25
Isophorone
Concen: 38.785 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

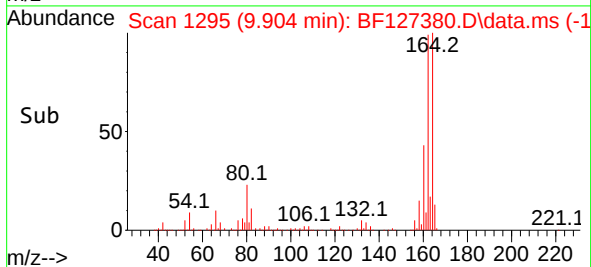
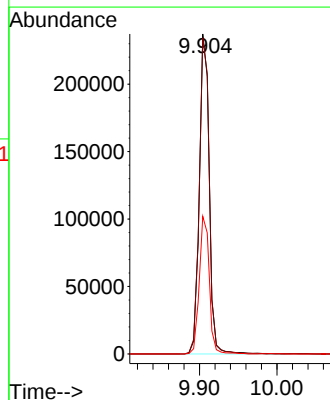
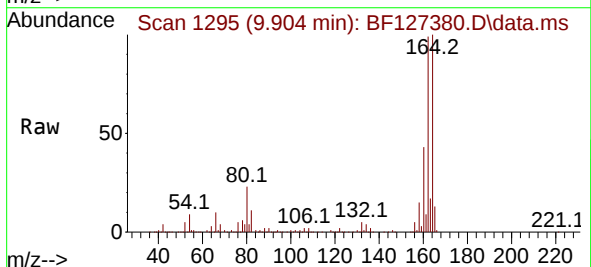
Instrument :
BNA_F
ClientSampleId :
TB2

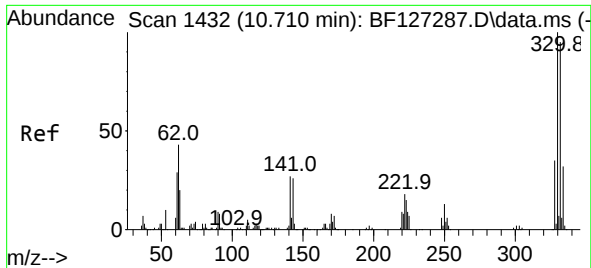
Tgt Ion: 82 Resp: 581811
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

Tgt Ion:164 Resp: 209260
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 43.0 36.6 54.8

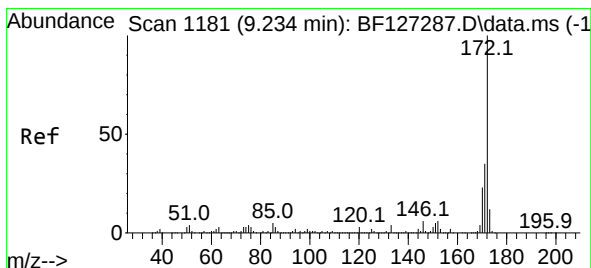
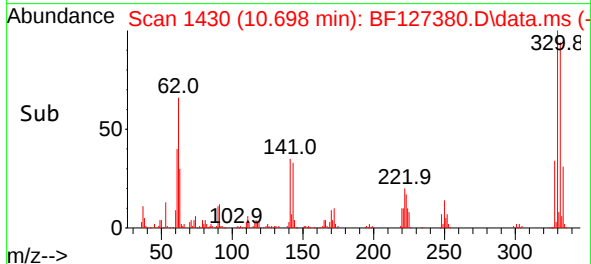
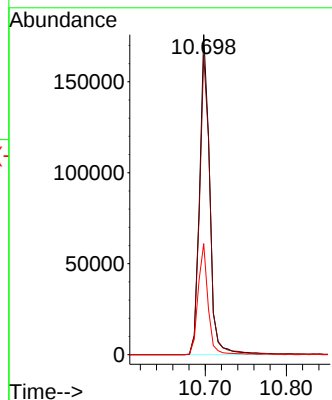
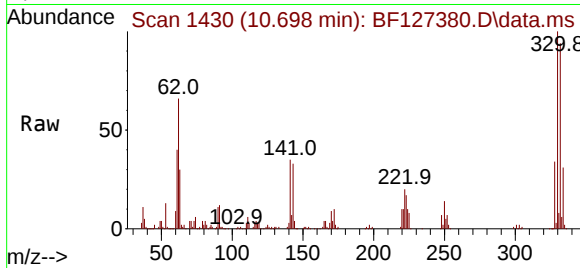




#42
 2,4,6-Tribromophenol
 Concen: 67.755 ng
 RT: 10.698 min Scan# 1430
 Delta R.T. -0.012 min
 Lab File: BF127380.D
 Acq: 17 Mar 2022 17:16

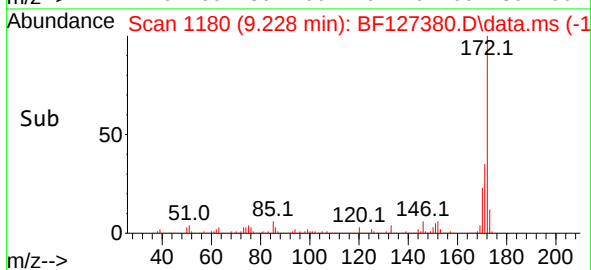
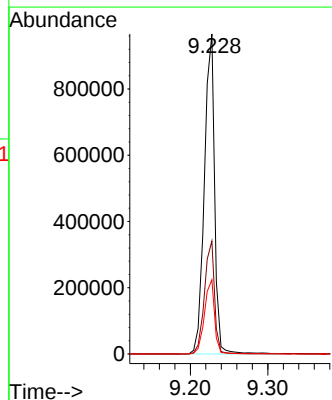
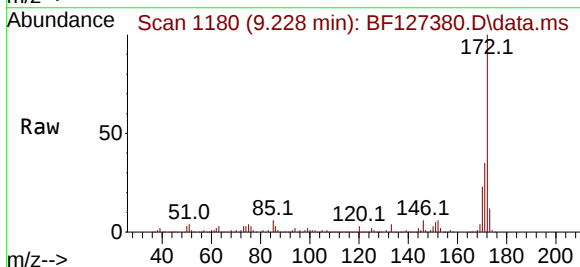
Instrument :
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 ClientSampleId :
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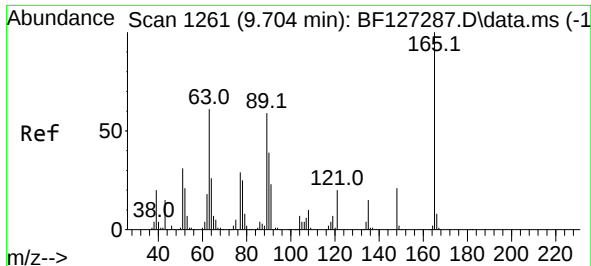
Tgt Ion:330 Resp: 152629
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 34.5 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 60.084 ng
 RT: 9.228 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BF127380.D
 Acq: 17 Mar 2022 17:16

Tgt Ion:172 Resp: 889321
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.2 19.0 28.6

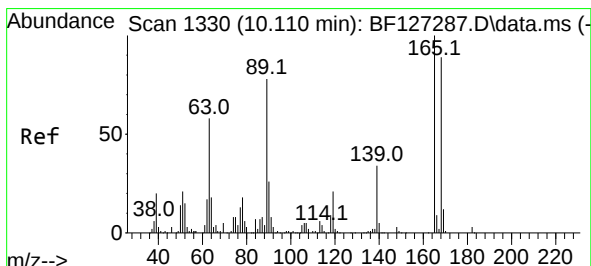
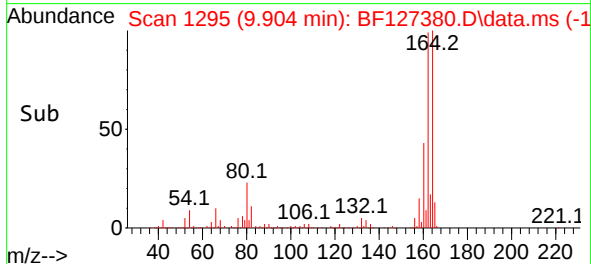
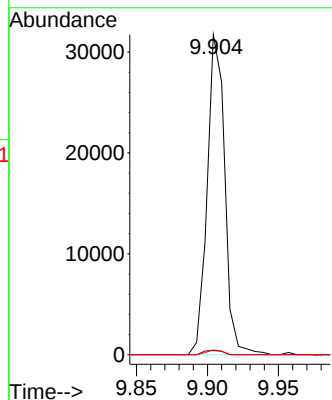
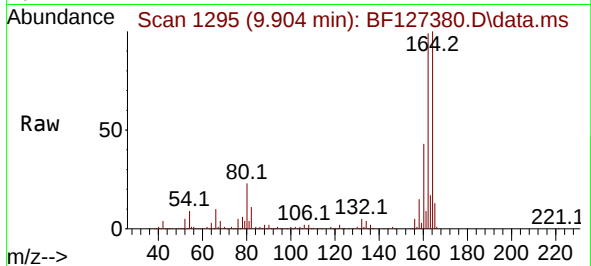




#51
2,6-Dinitrotoluene
Concen: 9.022 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

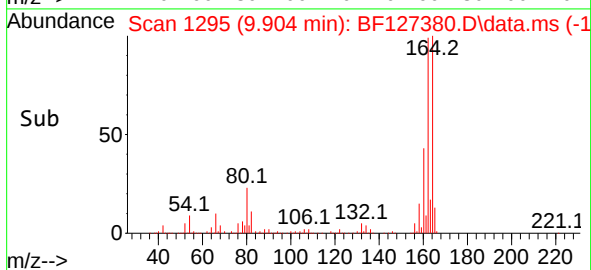
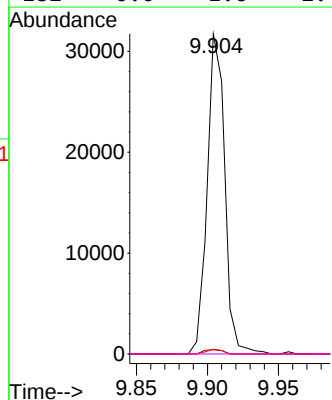
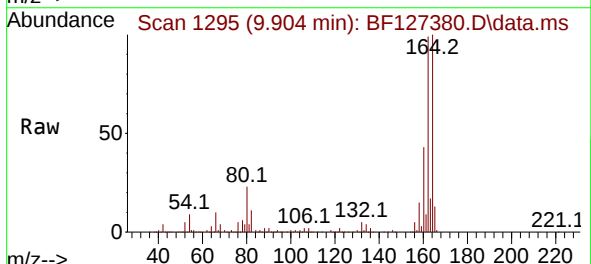
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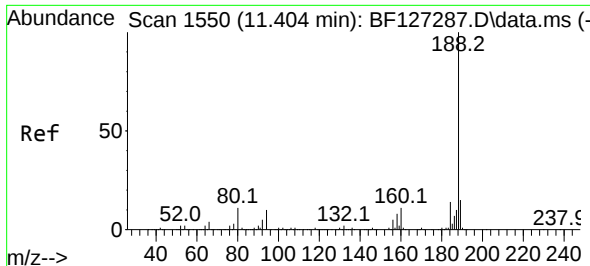
Tgt Ion:165 Resp: 27364
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.857 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

Tgt Ion:165 Resp: 27364
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

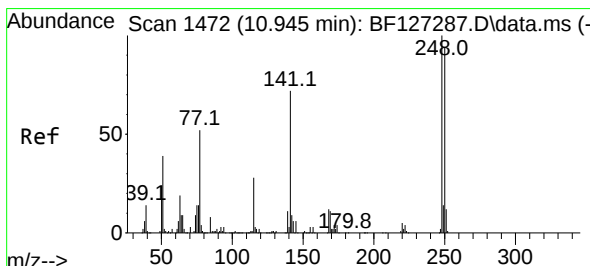
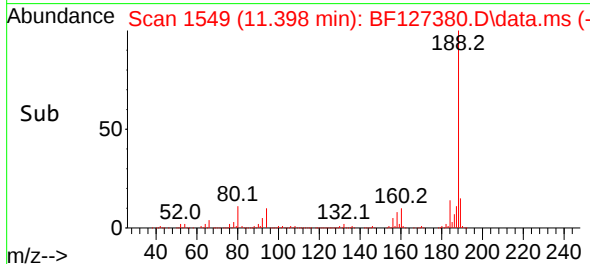
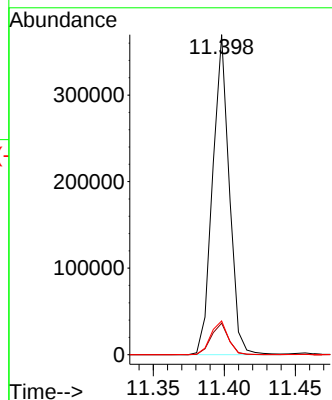
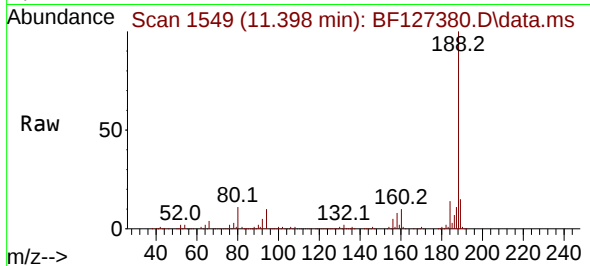




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

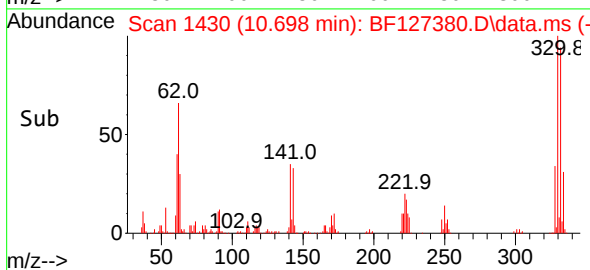
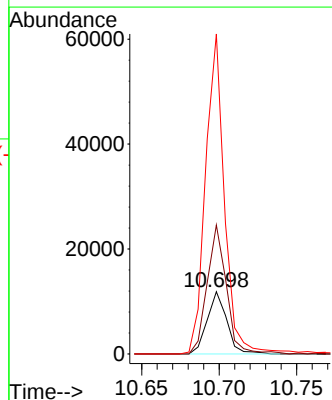
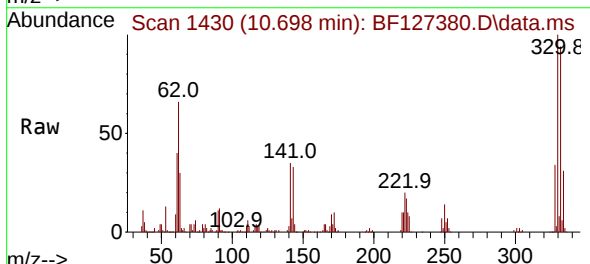
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BNA_F
ClientSampleId :
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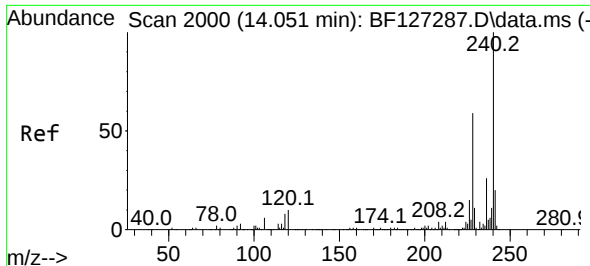
Tgt Ion:188 Resp: 300778
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 10.5 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.882 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

Tgt Ion:248 Resp: 10450
Ion Ratio Lower Upper
248 100
250 207.4 76.2 114.4#
141 514.4 66.2 99.4#

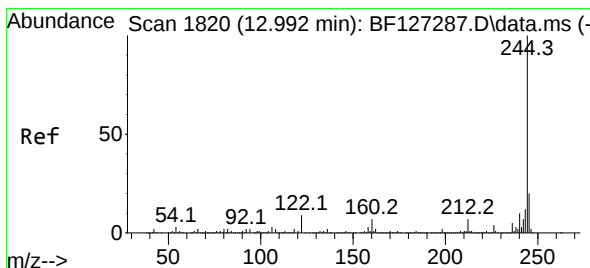
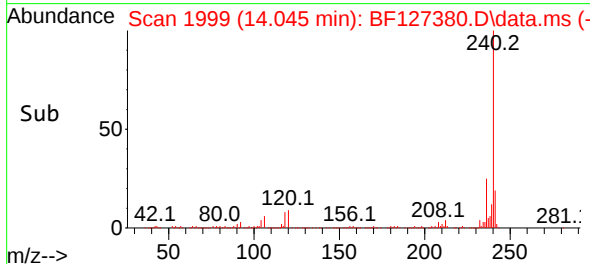
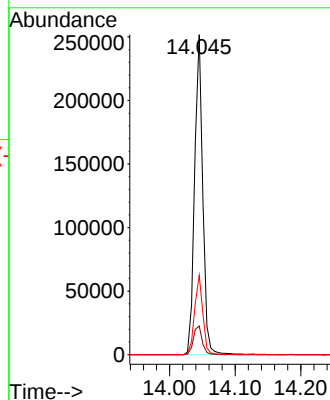
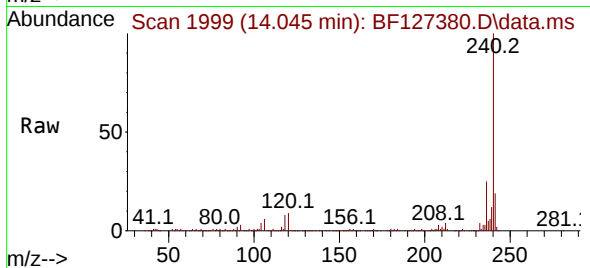




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

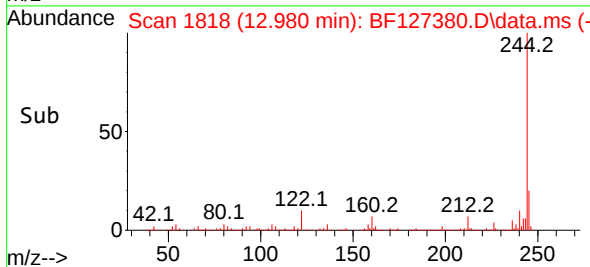
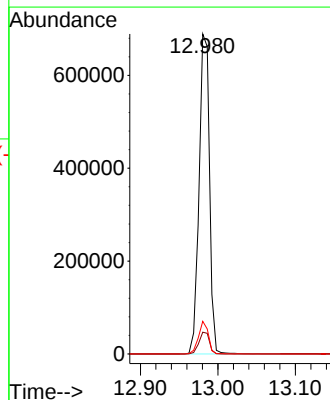
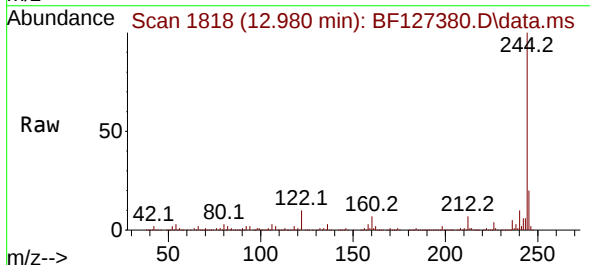
Instrument :
BNA_F
ClientSampleId :
TB2

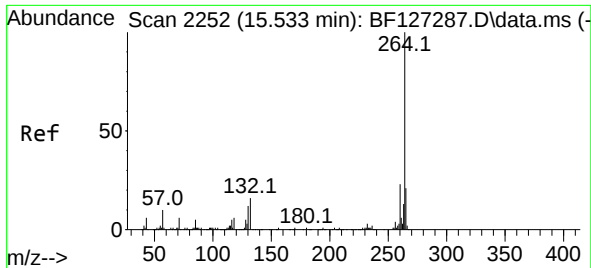
Tgt Ion:240 Resp: 218223
Ion Ratio Lower Upper
240 100
120 9.0 14.4 21.6#
236 24.8 20.5 30.7



#79
Terphenyl-d14
Concen: 50.840 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

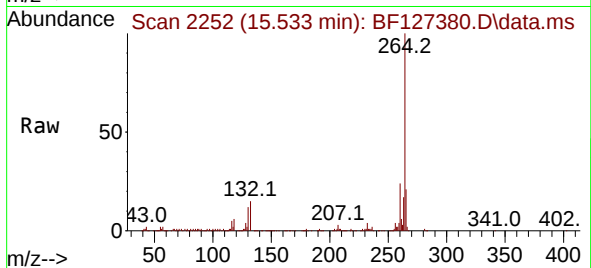
Tgt Ion:244 Resp: 644294
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.2 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127380.D
Acq: 17 Mar 2022 17:16

Instrument :
BNA_F
ClientSampleId :
TB2



Tgt Ion:264 Resp: 158645

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.7	17.4	26.2

