

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127378.D
 Acq On : 17 Mar 2022 16:17
 Operator : CG\JU
 Sample : N1943-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TA1

Quant Time: Mar 18 04:39:45 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

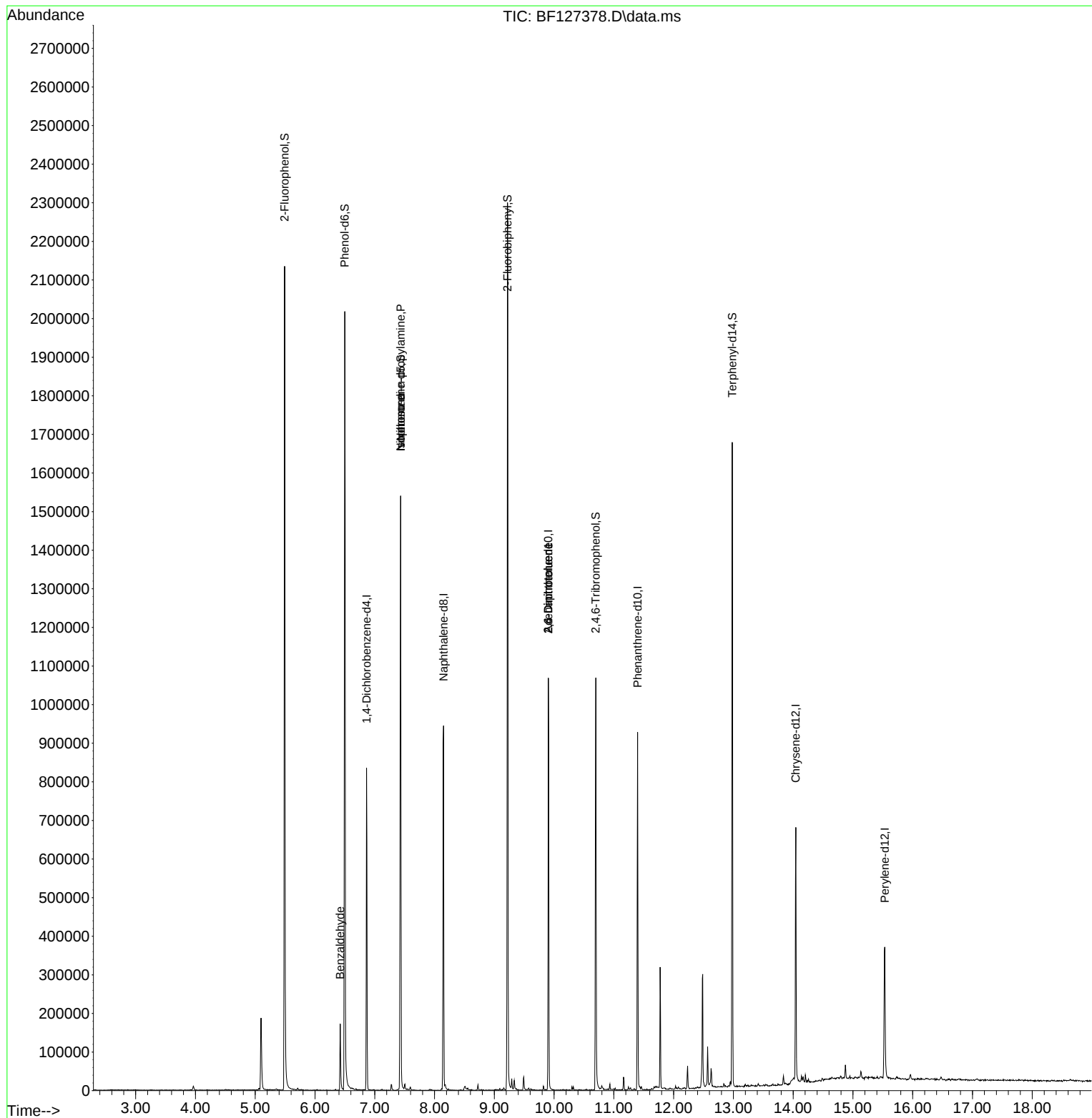
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	110716	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	403001	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	212908	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	306622	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	223535	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	165889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	496110	72.034	ng	0.00
7) Phenol-d6	6.498	99	682686	72.056	ng	0.00
23) Nitrobenzene-d5	7.434	82	461963	47.340	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	111519	48.657	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	733584	48.713	ng	-0.01
79) Terphenyl-d14	12.980	244	536115	41.298	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.422	77	33421	4.447	ng	89
19) n-Nitroso-di-n-propyla...	7.434	70	62648	10.596	ng	# 86
25) Isophorone	7.434	82	461956	29.441	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	27296	8.845	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	27296	6.723	ng	# 15

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

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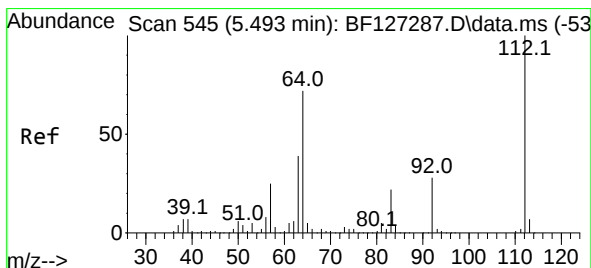
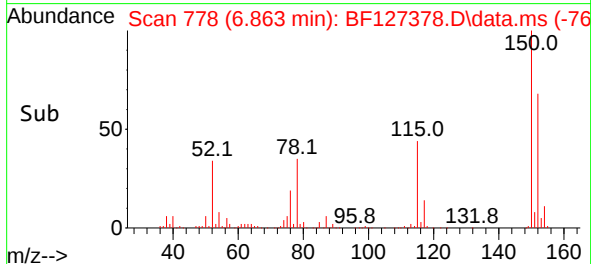
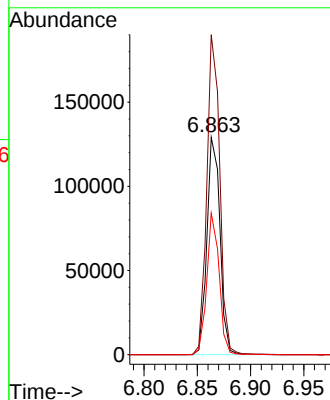
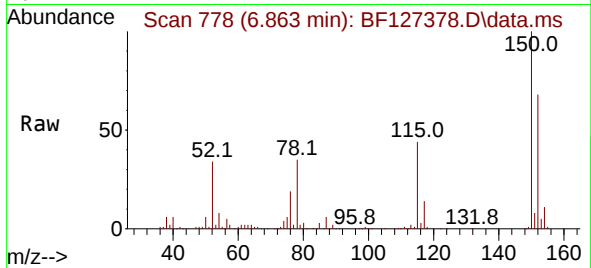




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

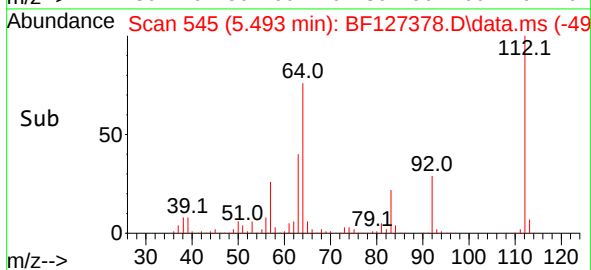
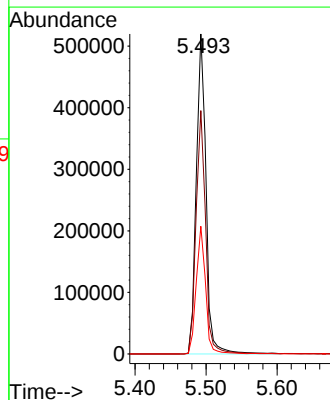
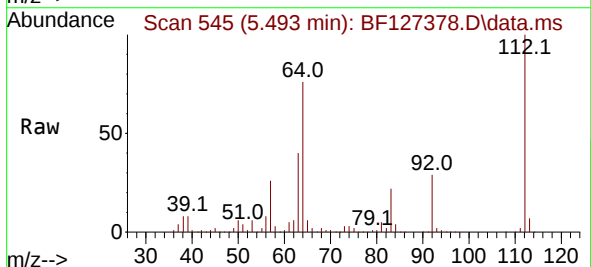
Instrument :
BNA_F
ClientSampleId :
TA1

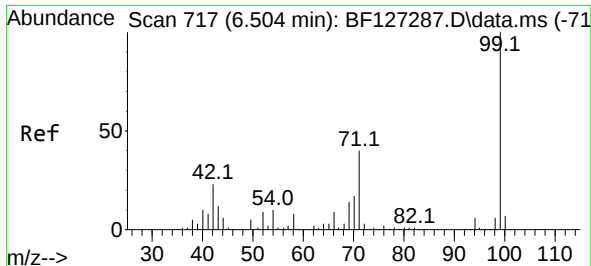
Tgt Ion:152 Resp: 110716
Ion Ratio Lower Upper
152 100
150 147.2 128.1 192.1
115 65.2 56.7 85.1



#5
2-Fluorophenol
Concen: 72.034 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

Tgt Ion:112 Resp: 496110
Ion Ratio Lower Upper
112 100
64 76.0 49.5 74.3#
63 39.9 23.9 35.9#

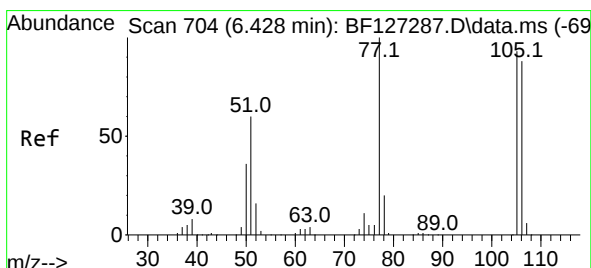
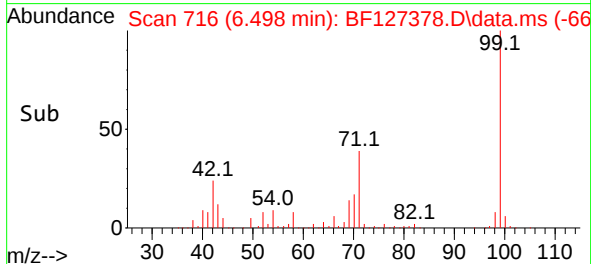
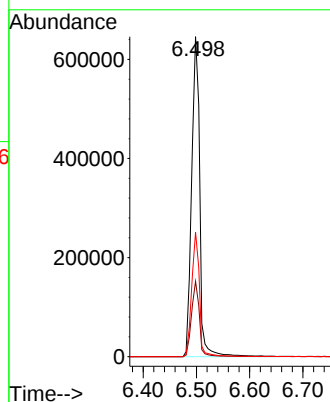
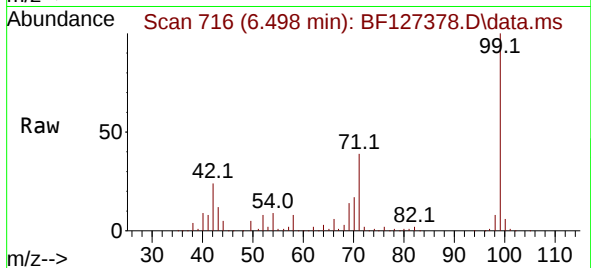




#7
Phenol-d6
Concen: 72.056 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

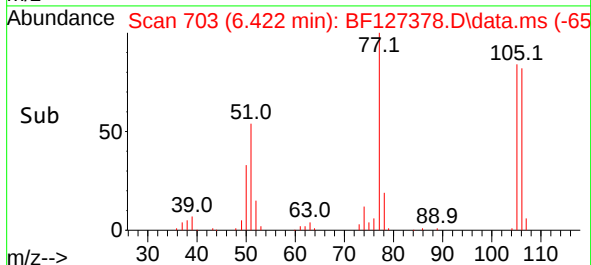
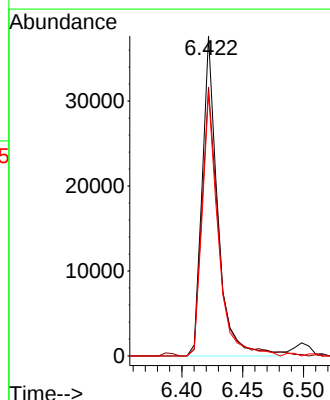
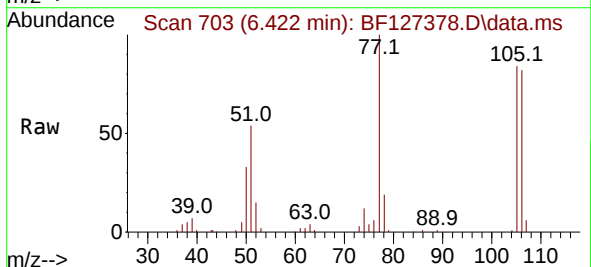
Instrument :
BNA_F
ClientSampleId :
TA1

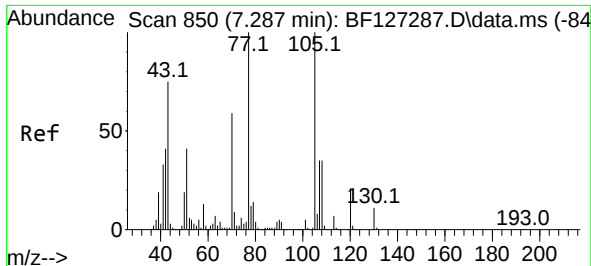
Tgt Ion: 99 Resp: 682686
Ion Ratio Lower Upper
99 100
42 23.5 14.2 21.4#
71 38.9 24.3 36.5#



#9
Benzaldehyde
Concen: 4.447 ng
RT: 6.422 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

Tgt Ion: 77 Resp: 33421
Ion Ratio Lower Upper
77 100
105 84.0 74.9 114.9
106 82.5 72.4 112.4





#19

n-Nitroso-di-n-propylamine

Concen: 10.596 ng

RT: 7.434 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127378.D

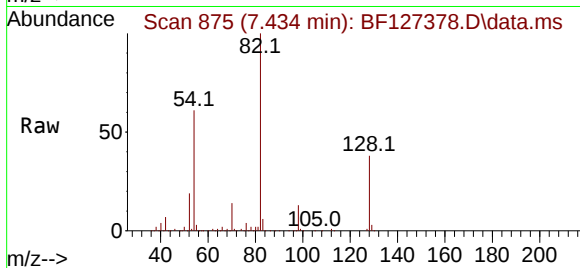
Acq: 17 Mar 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TA1



Tgt Ion: 70 Resp: 62648

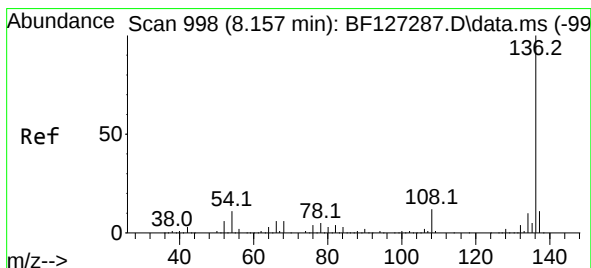
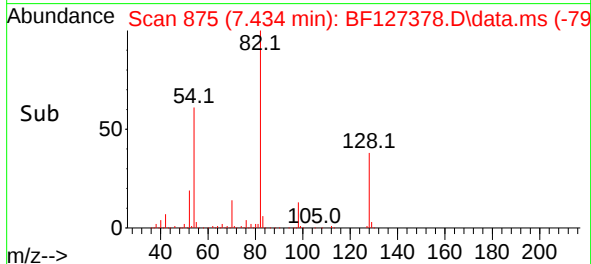
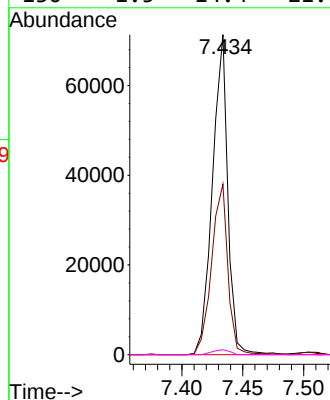
Ion Ratio Lower Upper

70 100

42 53.3 45.8 68.8

101 0.0 6.9 10.3#

130 1.5 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF127378.D

Acq: 17 Mar 2022 16:17

Tgt Ion: 136 Resp: 403001

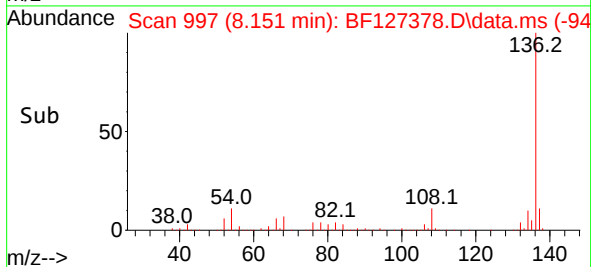
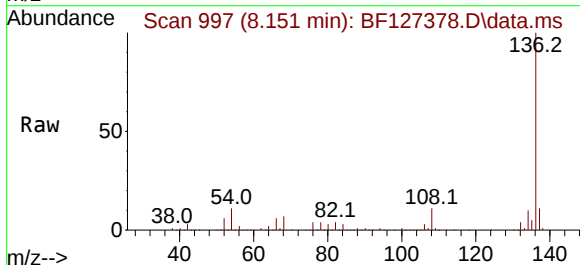
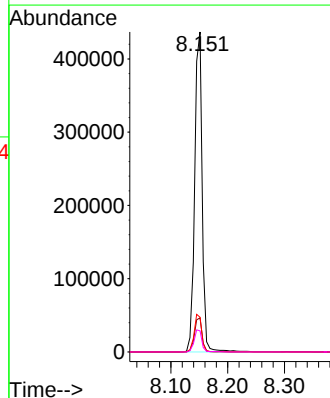
Ion Ratio Lower Upper

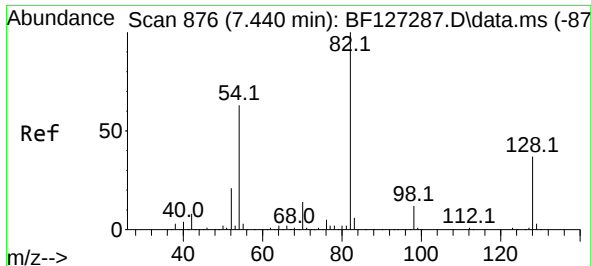
136 100

137 10.6 8.6 13.0

54 10.8 7.8 11.6

68 6.6 6.3 9.5

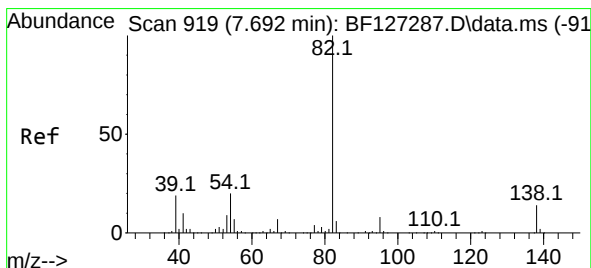
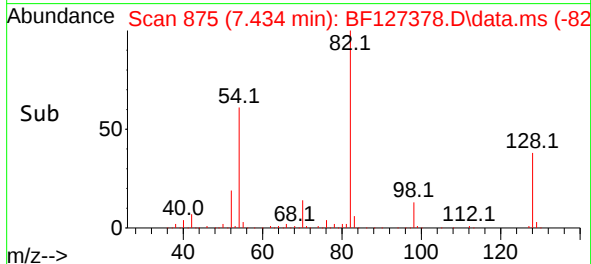
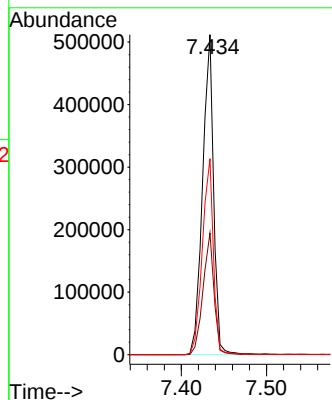
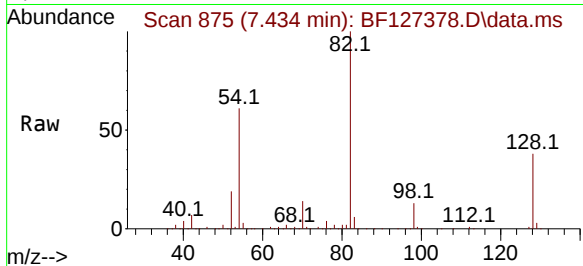




#23
Nitrobenzene-d5
Concen: 47.340 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

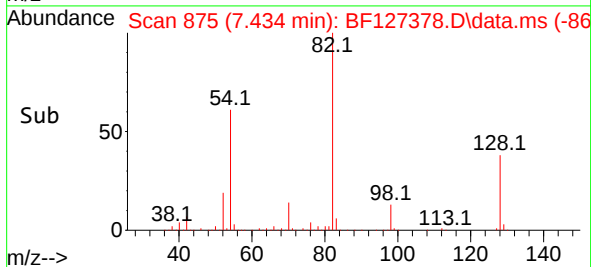
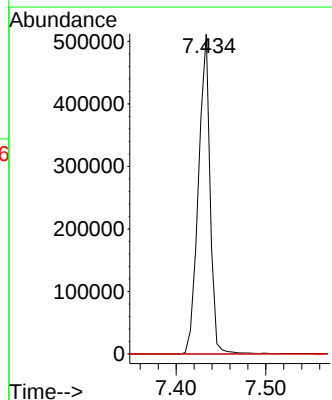
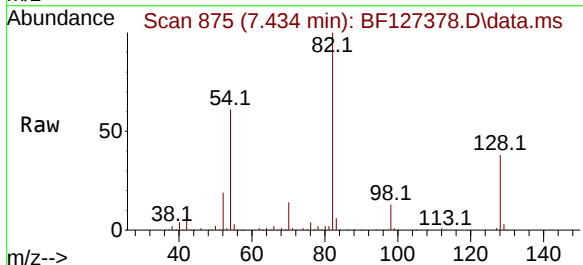
Instrument :
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ClientSampleId :
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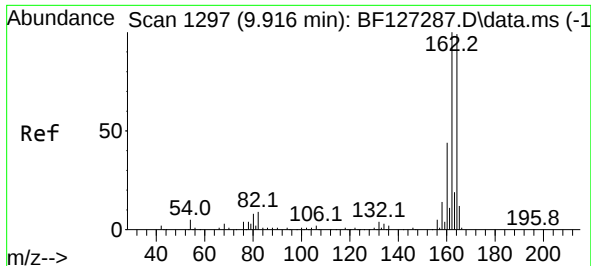
Tgt Ion: 82 Resp: 461963
Ion Ratio Lower Upper
82 100
128 38.0 32.7 49.1
54 61.3 41.7 62.5



#25
Isophorone
Concen: 29.441 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.259 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

Tgt Ion: 82 Resp: 461956
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

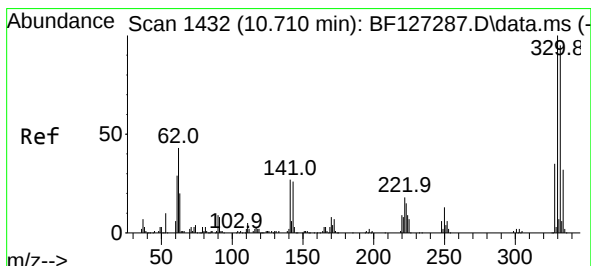
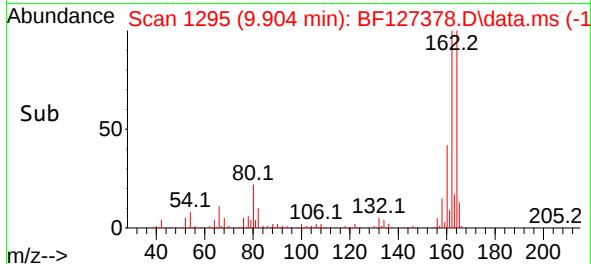
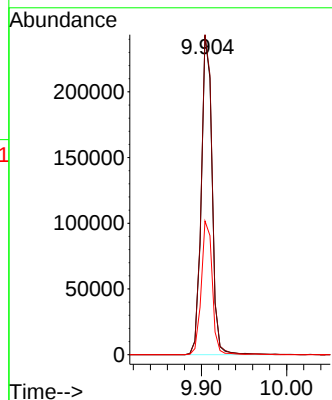
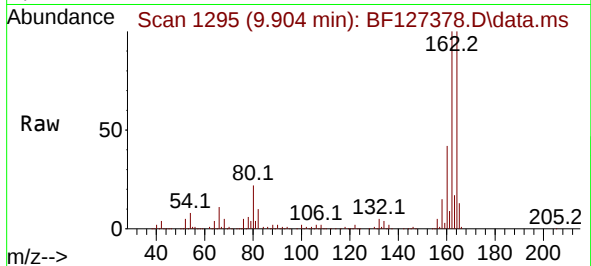




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

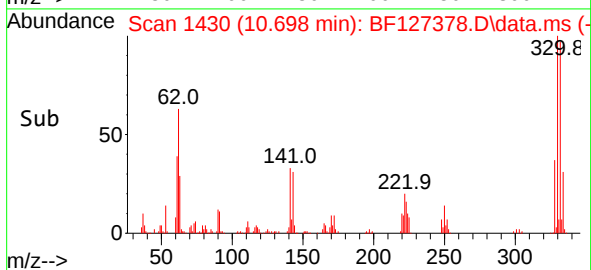
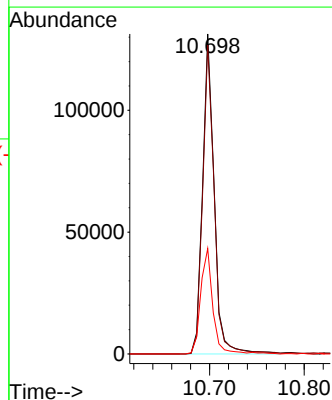
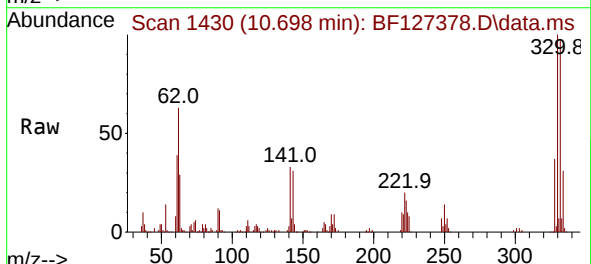
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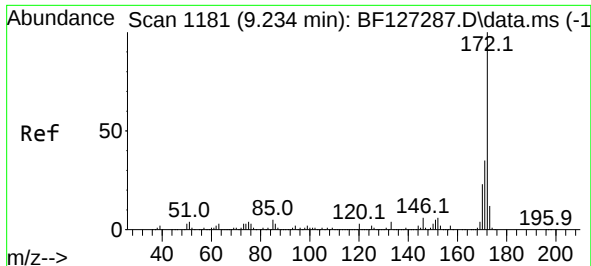
Tgt Ion:164 Resp: 212908
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 41.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 48.657 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

Tgt Ion:330 Resp: 111519
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 34.8 30.1 45.1

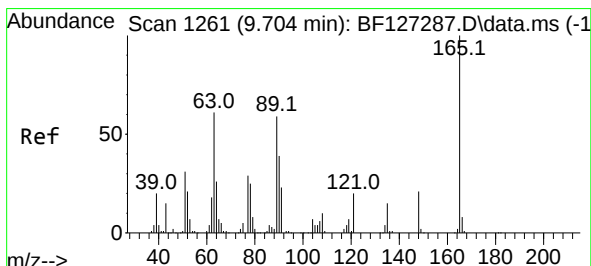
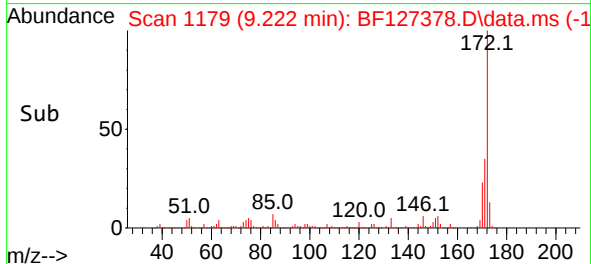
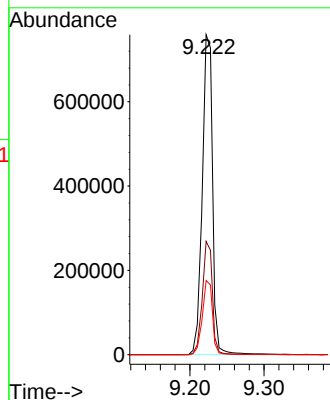
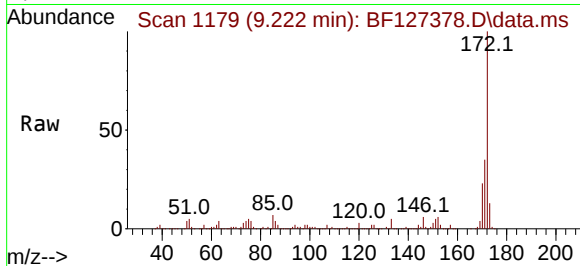




#45
2-Fluorobiphenyl
Concen: 48.713 ng
RT: 9.222 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

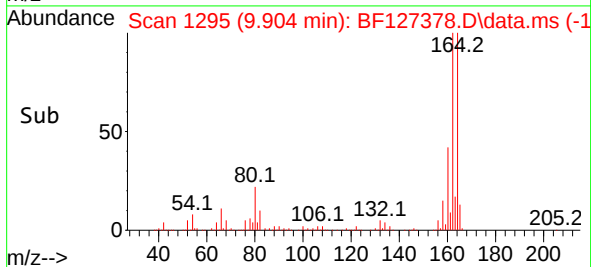
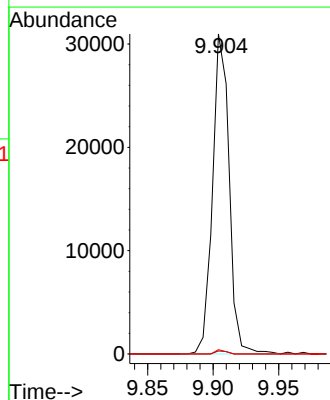
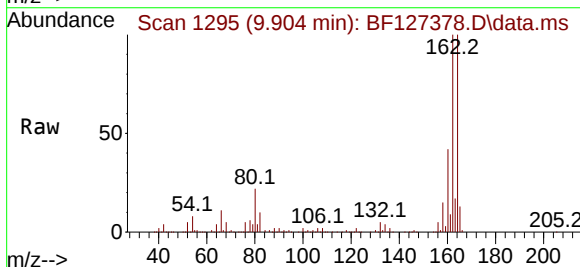
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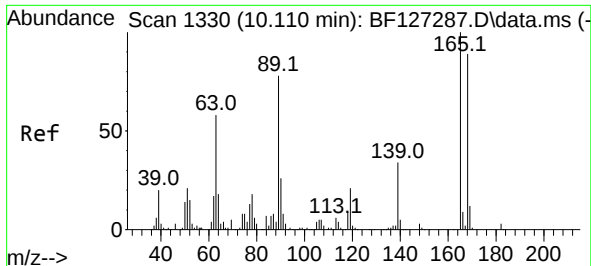
Tgt Ion:172 Resp: 733584
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.845 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

Tgt Ion:165 Resp: 27296
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.3 50.5 75.7#

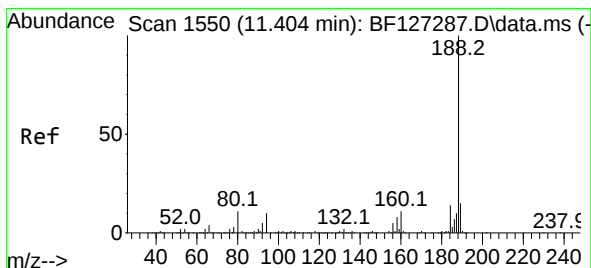
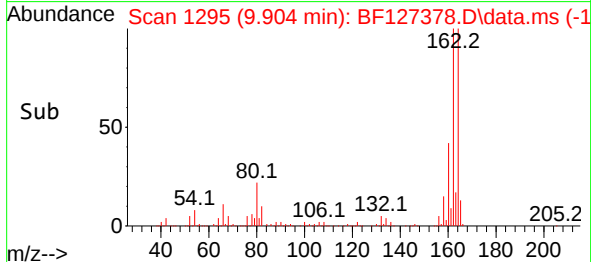
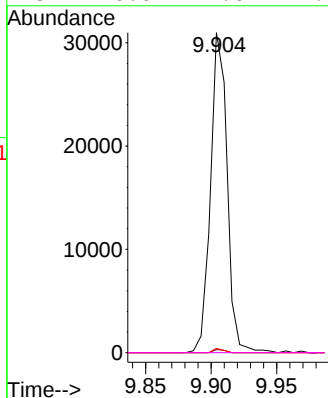
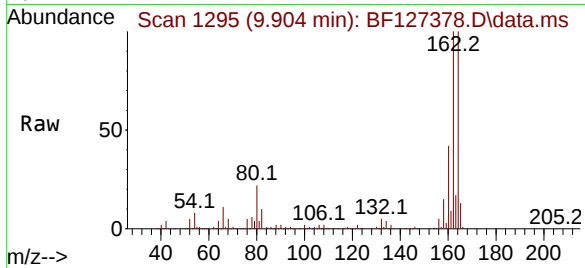




#57
2,4-Dinitrotoluene
Concen: 6.723 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

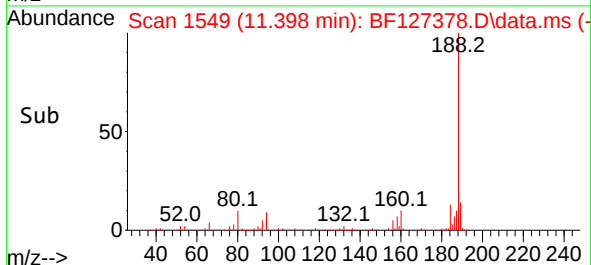
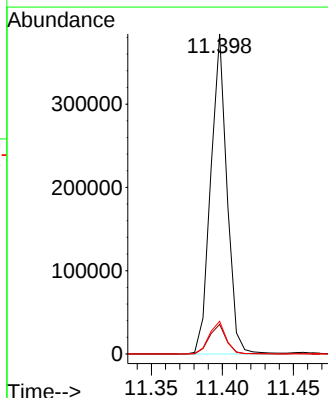
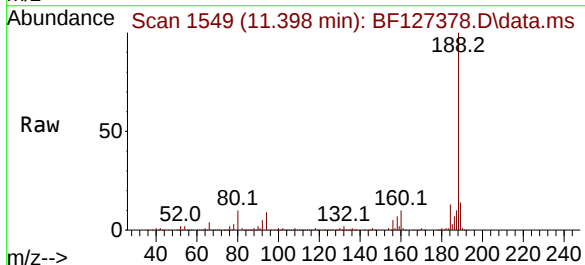
Instrument :
BNA_F
ClientSampleId :
TA1

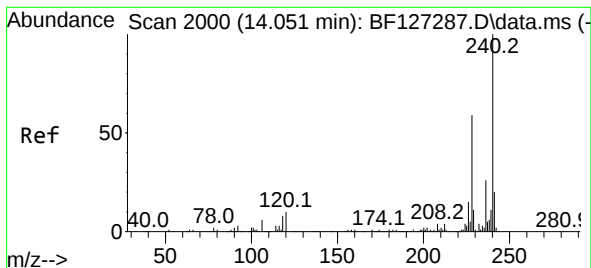
Tgt Ion:165 Resp: 27296
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127378.D
Acq: 17 Mar 2022 16:17

Tgt Ion:188 Resp: 306622
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.2 11.8 17.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127378.D

Acq: 17 Mar 2022 16:17

Instrument :

BNA_F

ClientSampleId :

TA1

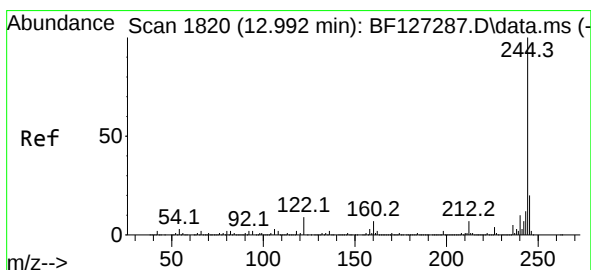
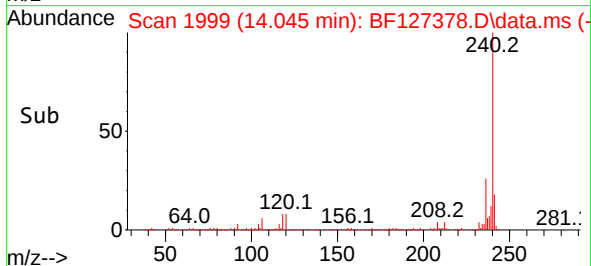
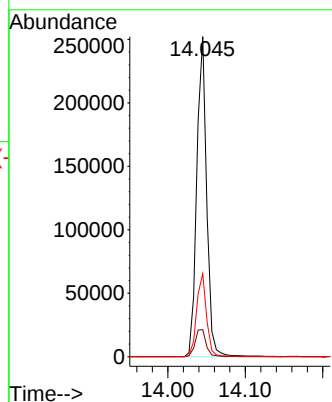
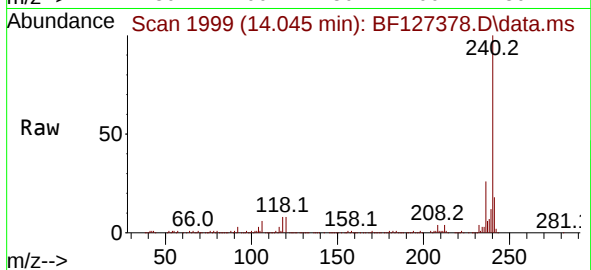
Tgt Ion:240 Resp: 223535

Ion Ratio Lower Upper

240 100

120 8.5 14.4 21.6#

236 26.0 20.5 30.7



#79

Terphenyl-d14

Concen: 41.298 ng

RT: 12.980 min Scan# 1818

Delta R.T. -0.012 min

Lab File: BF127378.D

Acq: 17 Mar 2022 16:17

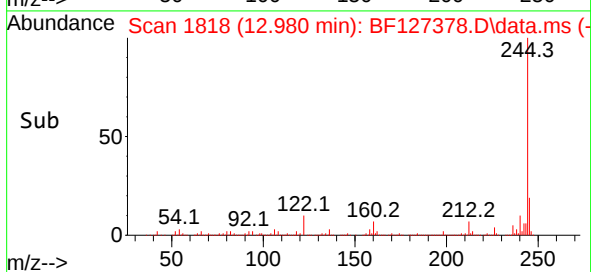
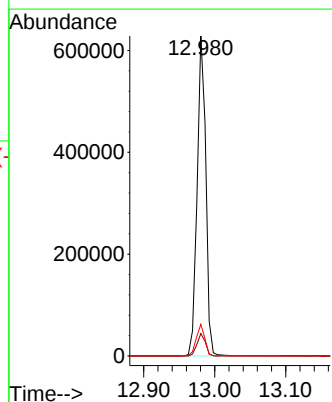
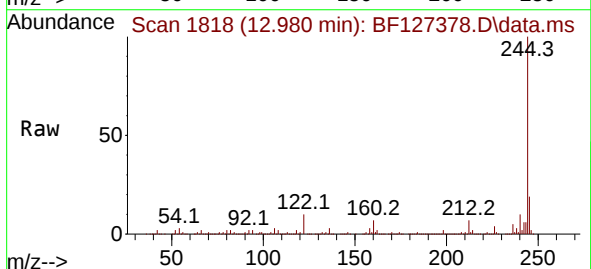
Tgt Ion:244 Resp: 536115

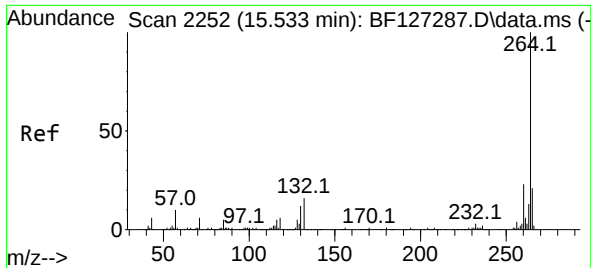
Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

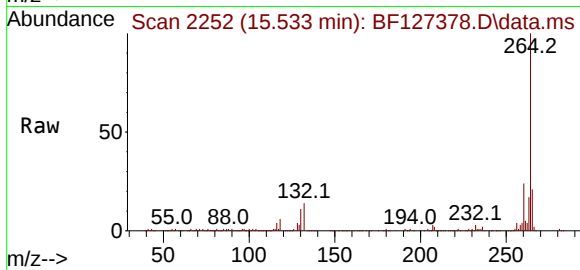
122 9.9 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF127378.D
 Acq: 17 Mar 2022 16:17

Instrument :
 BNA_F
 ClientSampleId :
 TA1



Tgt Ion:264 Resp: 165889
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 17.4 26.2

