

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128135.D
 Acq On : 06 May 2022 20:25
 Operator : CG\JU
 Sample : N2723-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT1

Quant Time: May 06 23:26:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

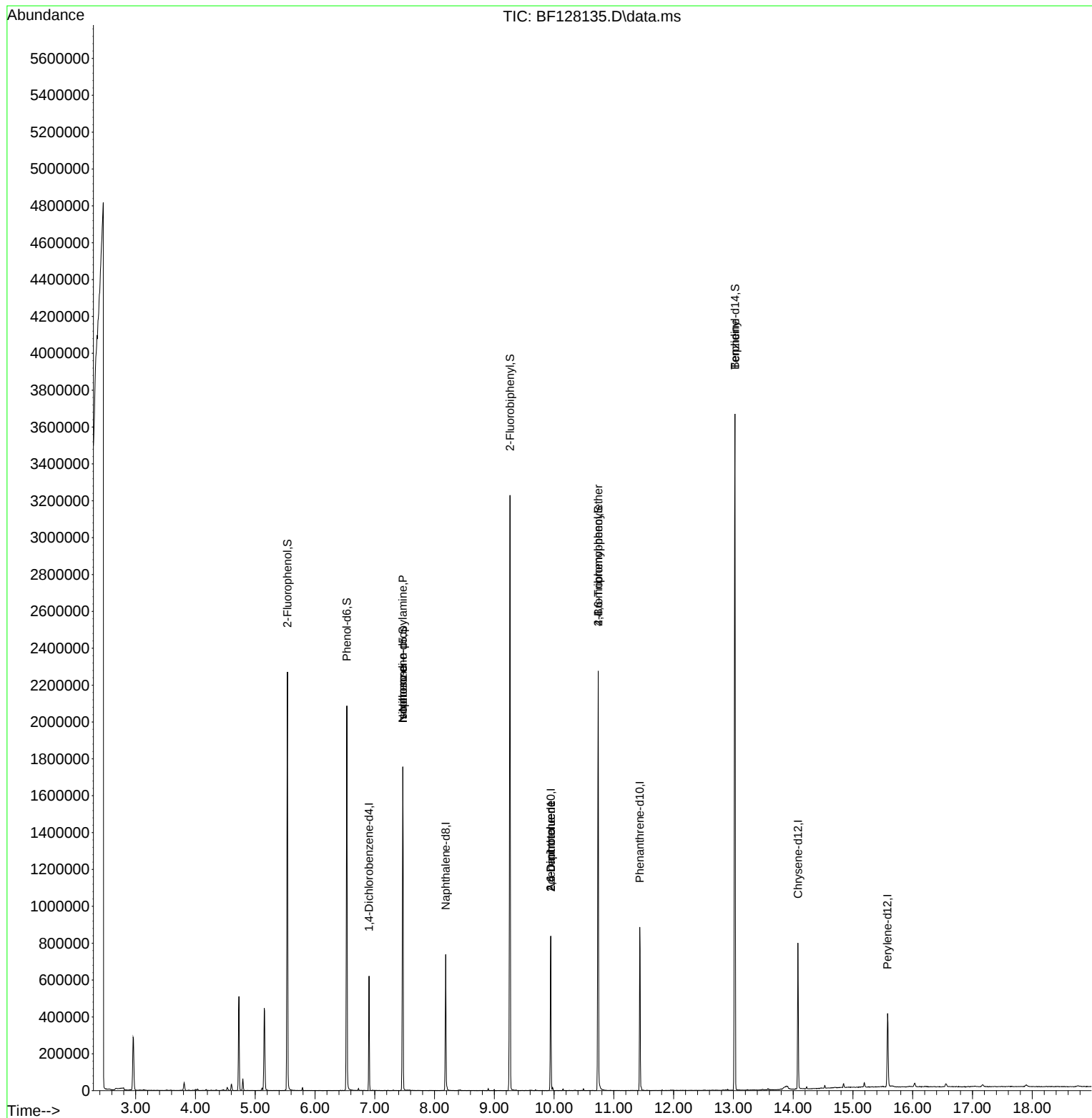
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	76901	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	295075	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	170111	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	326358	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	258716	20.000	ng	-0.01
86) Perylene-d12	15.580	264	181447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	569809	118.020	ng	0.00
7) Phenol-d6	6.534	99	662395	105.733	ng	-0.01
23) Nitrobenzene-d5	7.469	82	616215	98.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	264116	154.232	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	993751	98.828	ng	0.00
79) Terphenyl-d14	13.027	244	1304024	92.166	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	84092	21.928	ng	# 78
25) Isophorone	7.469	82	616317	58.357	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	21683	8.778	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	21683	6.627	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	16510	4.563	ng	# 1
77) Benizidine	13.027	184	18446	3.768	ng	# 95

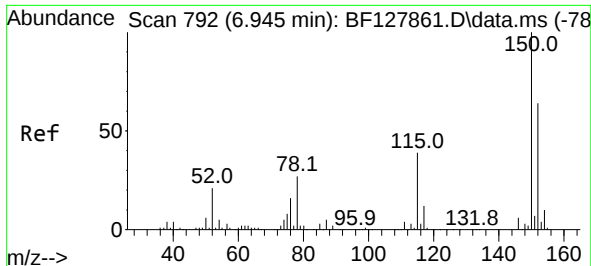
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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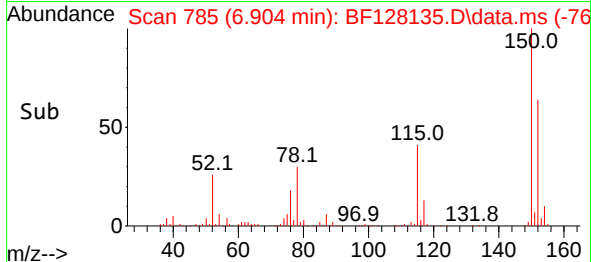
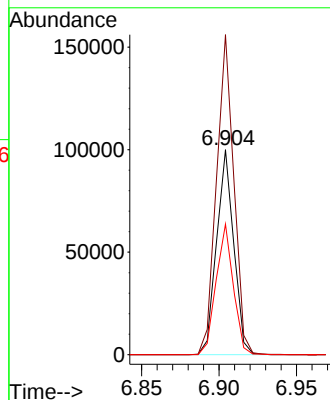
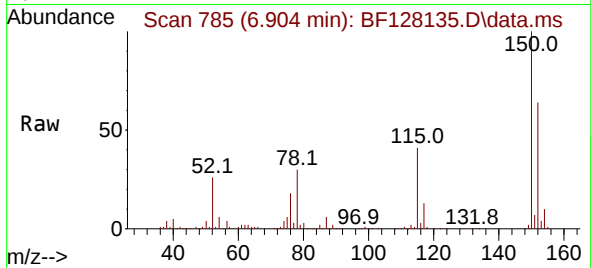




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

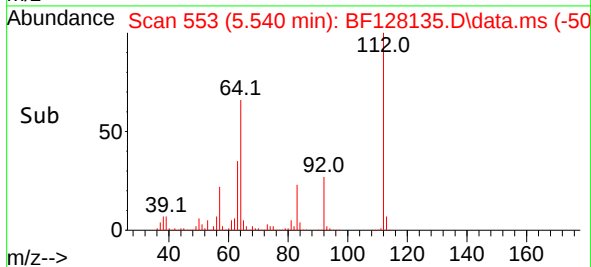
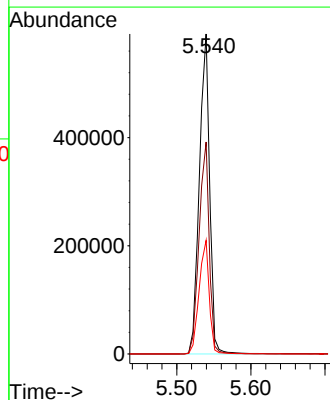
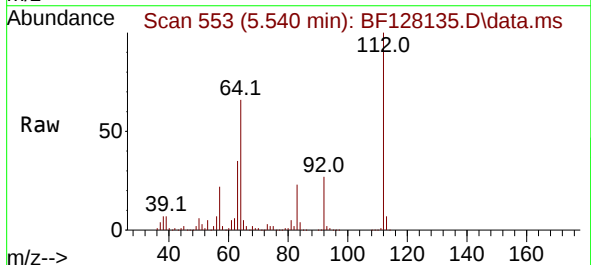
Instrument :
BNA_F
ClientSampleId :
MMC-PIT1

Tgt Ion:152 Resp: 76901
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 63.7 48.8 73.2



#5
2-Fluorophenol
Concen: 118.020 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

Tgt Ion:112 Resp: 569809
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 35.5 26.3 39.5

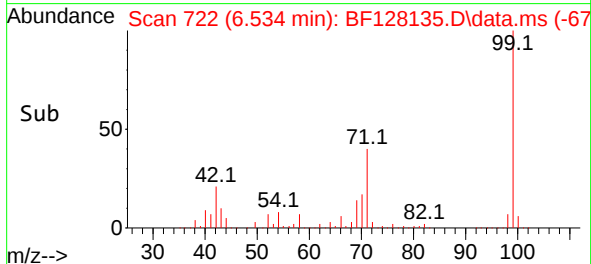
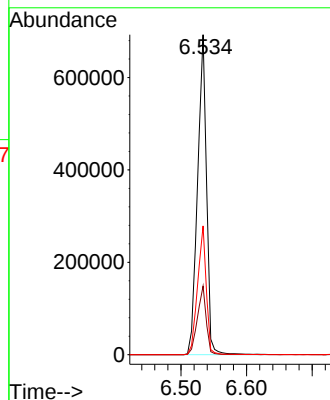
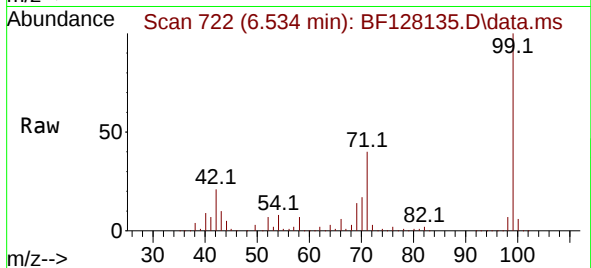




#7
Phenol-d6
Concen: 105.733 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

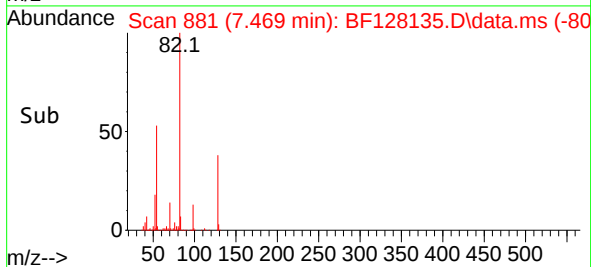
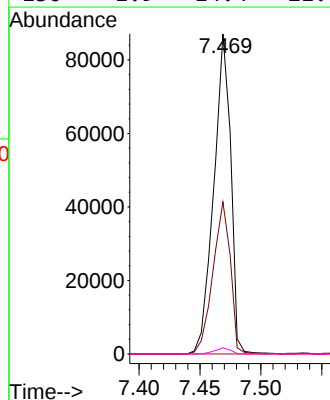
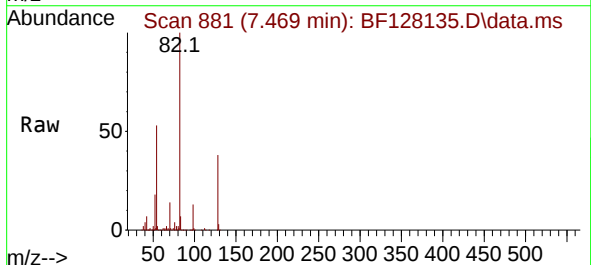
Instrument :
BNA_F
ClientSampleId :
MMC-PIT1

Tgt Ion: 99 Resp: 662395
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.928 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

Tgt Ion: 70 Resp: 84092
Ion Ratio Lower Upper
70 100
42 47.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

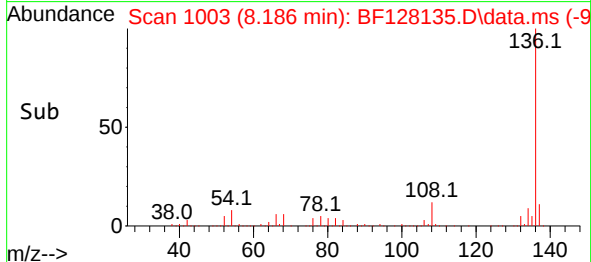
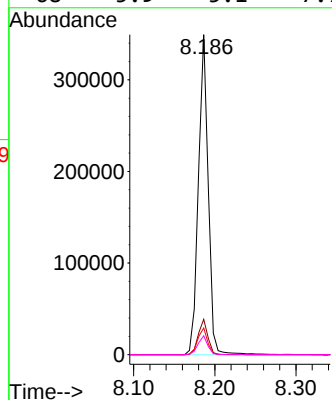
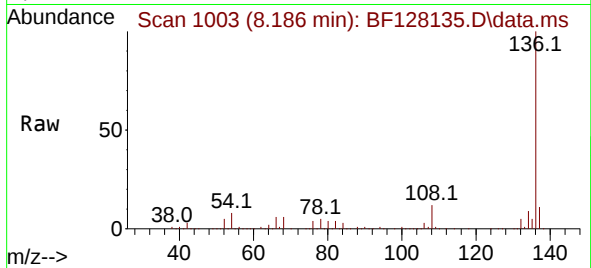




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

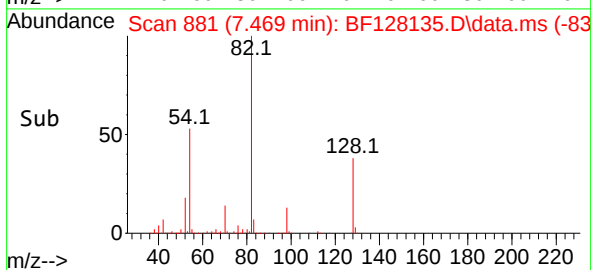
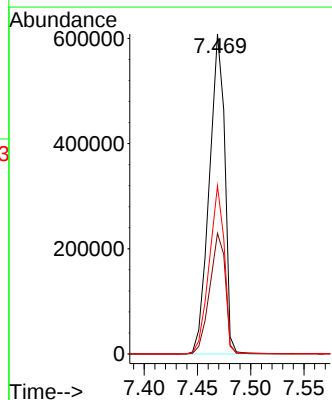
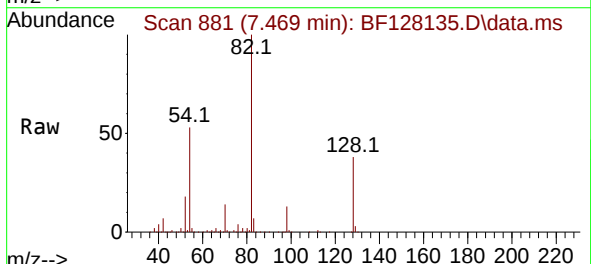
Instrument :
BNA_F
ClientSampleId :
MMC-PIT1

Tgt Ion:136	Resp: 295075
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.4	6.8 10.2
68 5.9	5.1 7.7



#23
Nitrobenzene-d5
Concen: 98.202 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

Tgt Ion: 82	Resp: 616215
Ion Ratio	Lower Upper
82 100	
128 37.7	30.0 45.0
54 52.6	41.3 61.9

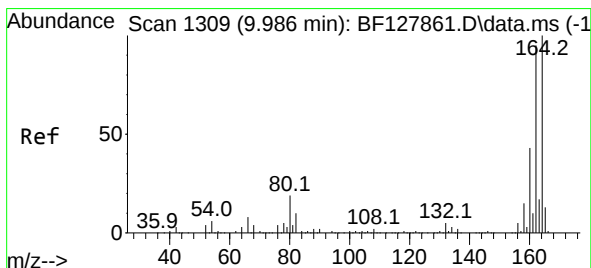
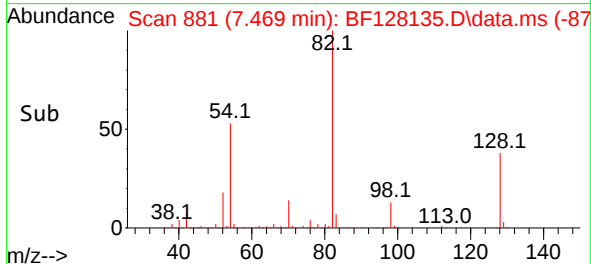
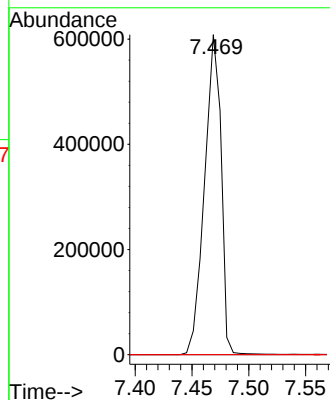
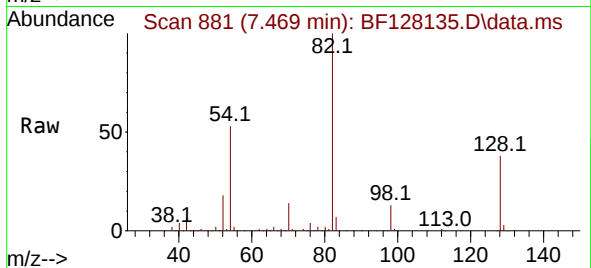




#25
Isophorone
Concen: 58.357 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

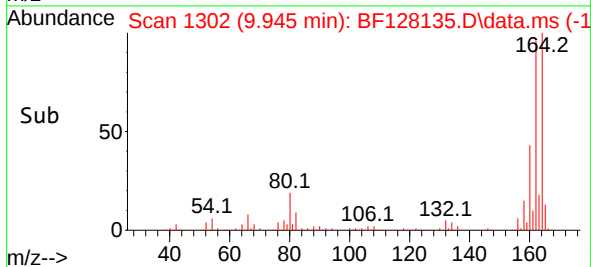
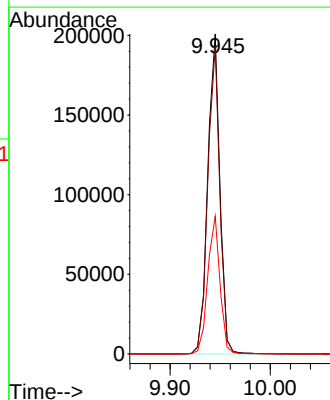
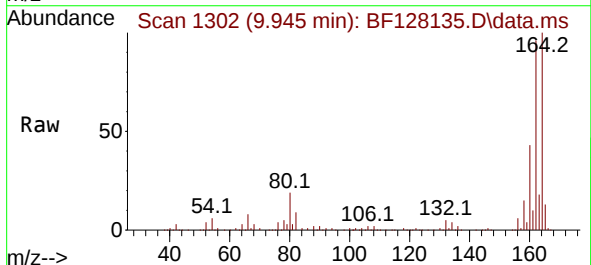
Instrument :
BNA_F
ClientSampleId :
MMC-PIT1

Tgt Ion: 82 Resp: 616317
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: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

Tgt Ion: 164 Resp: 170111
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 154.232 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128135.D

Acq: 06 May 2022 20:25

Instrument :

BNA_F

ClientSampleId :

MMC-PIT1

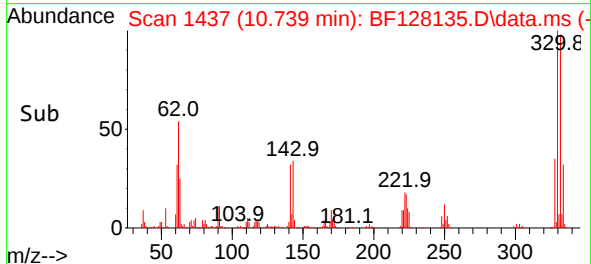
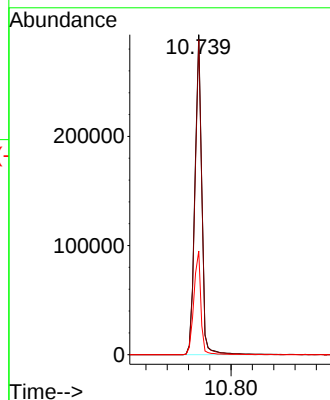
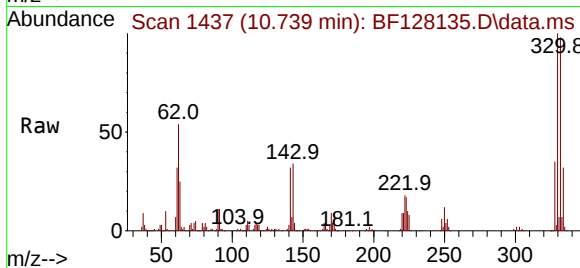
Tgt Ion:330 Resp: 264116

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

141 33.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 98.828 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128135.D

Acq: 06 May 2022 20:25

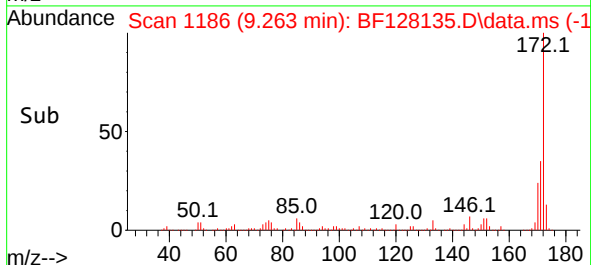
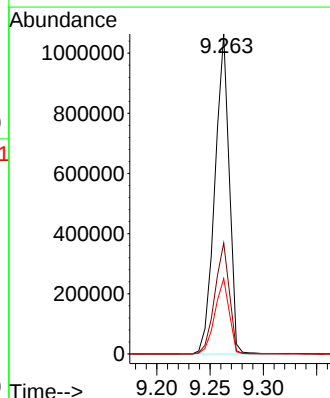
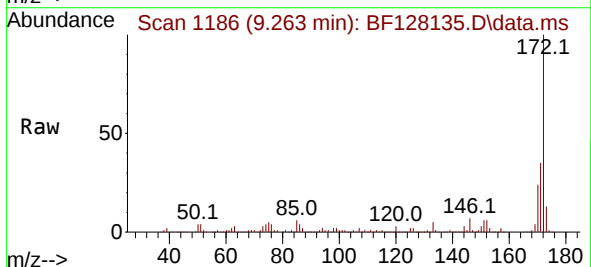
Tgt Ion:172 Resp: 993751

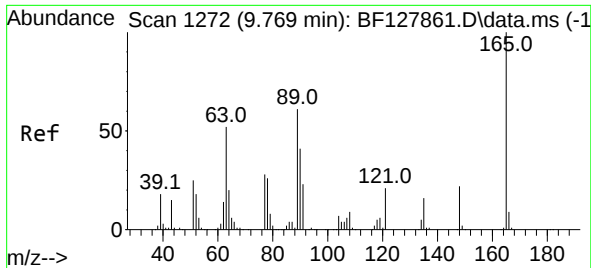
Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.6 19.1 28.7

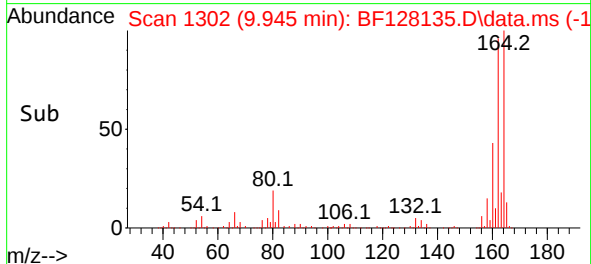
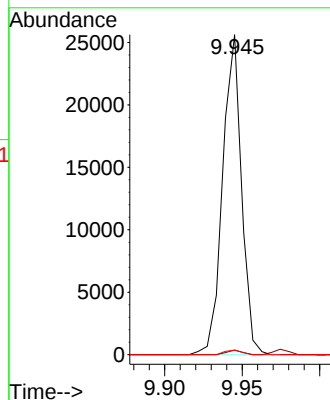
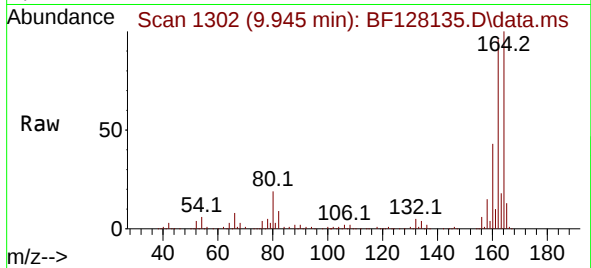




#51
2,6-Dinitrotoluene
Concen: 8.778 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

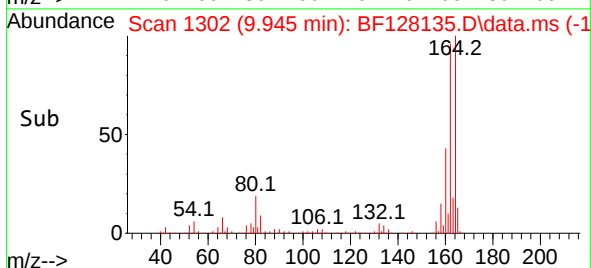
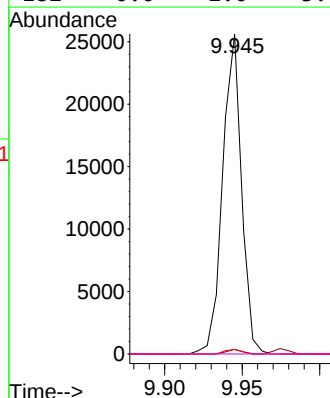
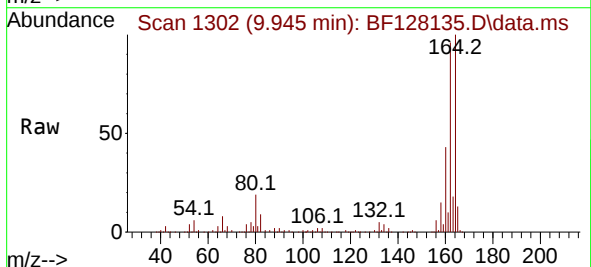
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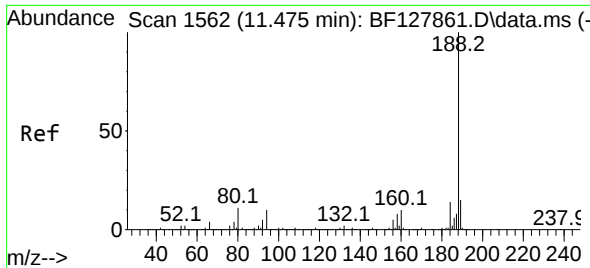
Tgt Ion:165 Resp: 21683
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.627 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

Tgt Ion:165 Resp: 21683
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

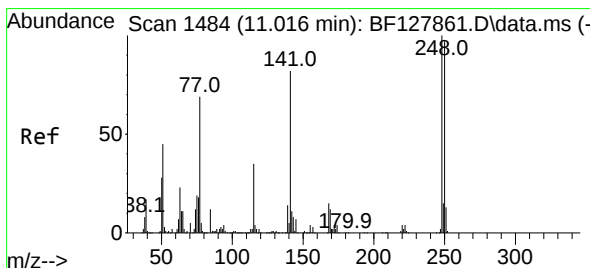
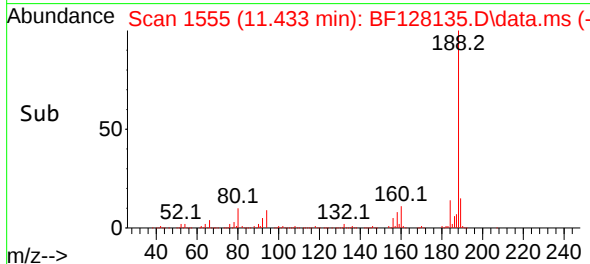
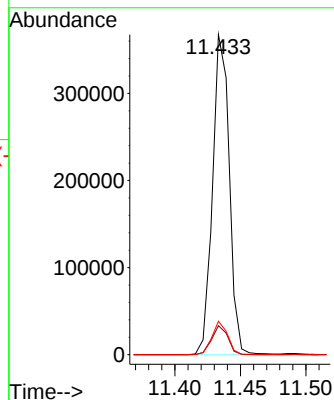
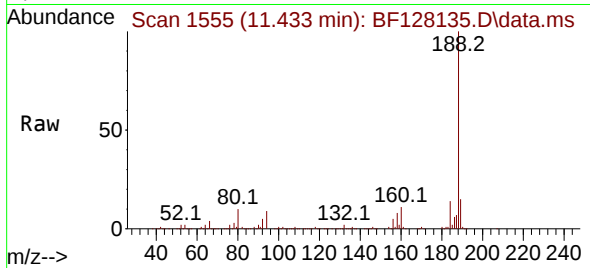




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

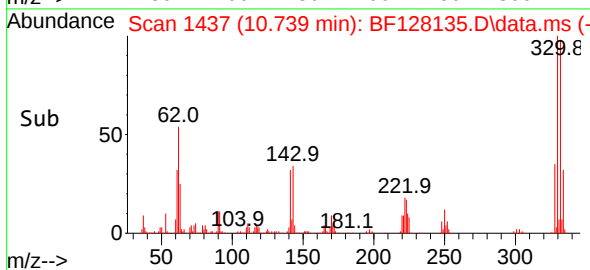
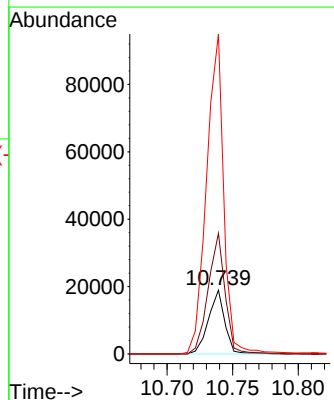
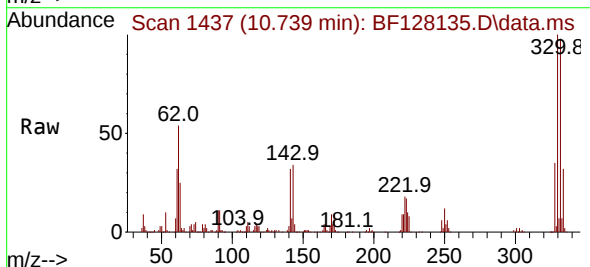
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ClientSampleId :
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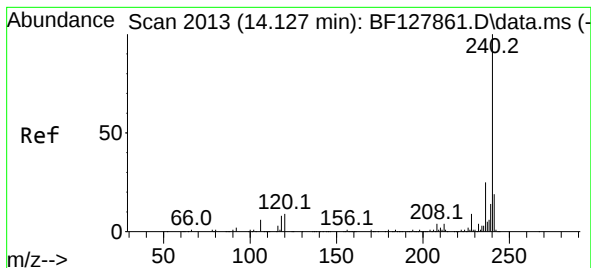
Tgt Ion:188 Resp: 326358
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.563 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128135.D
Acq: 06 May 2022 20:25

Tgt Ion:248 Resp: 16510
Ion Ratio Lower Upper
248 100
250 189.0 77.7 116.5#
141 501.1 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF128135.D

Acq: 06 May 2022 20:25

Instrument :

BNA_F

ClientSampleId :

MMC-PIT1

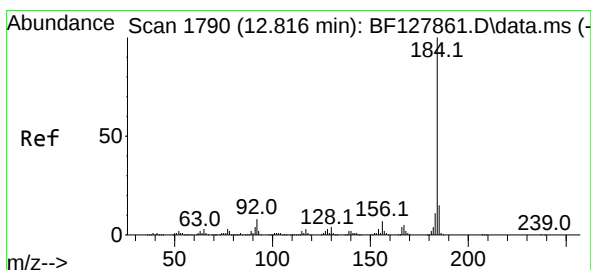
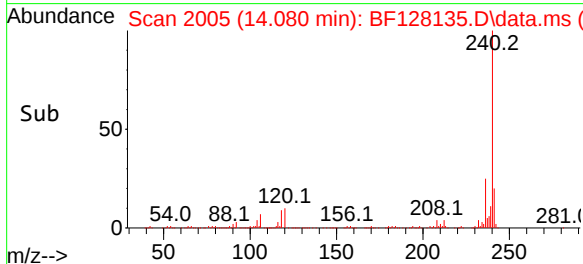
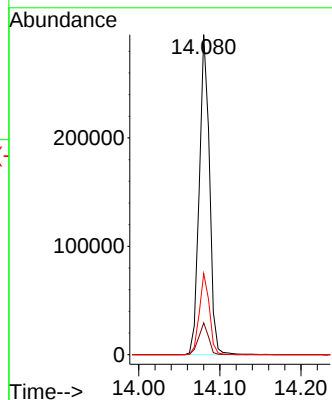
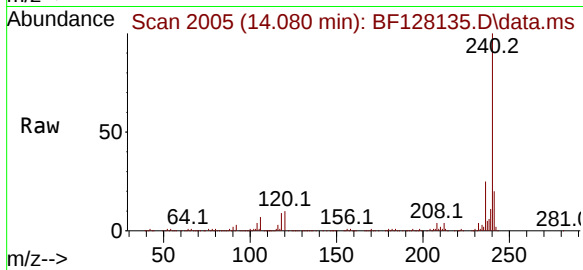
Tgt Ion:240 Resp: 258716

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

236 25.4 20.3 30.5



#77

Benzidine

Concen: 3.768 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF128135.D

Acq: 06 May 2022 20:25

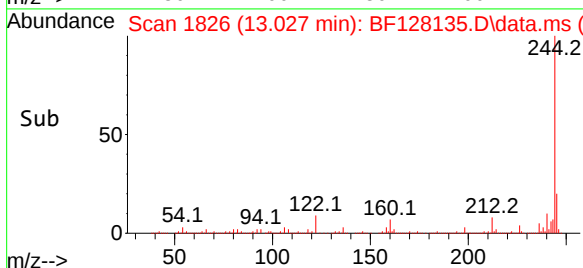
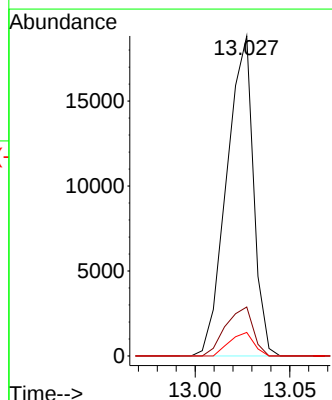
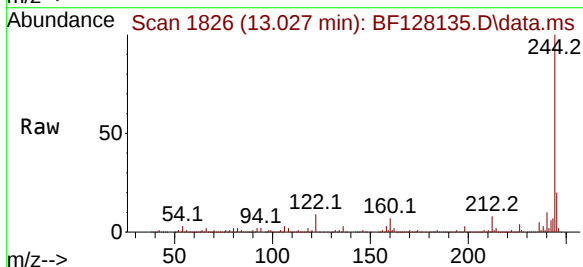
Tgt Ion:184 Resp: 18446

Ion Ratio Lower Upper

184 100

185 15.3 12.1 18.1

183 7.4 9.0 13.4#

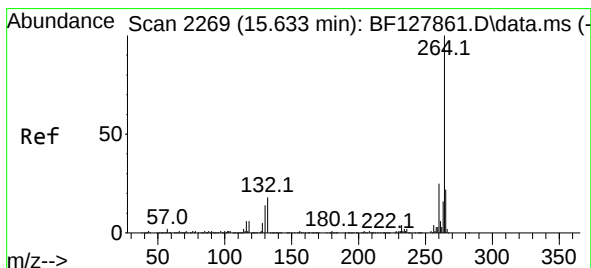
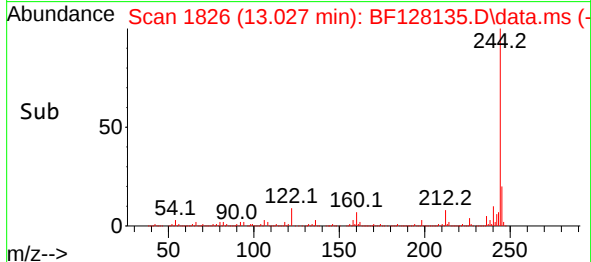
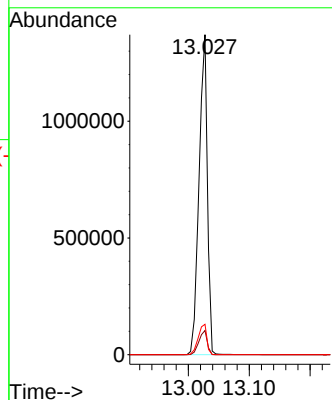
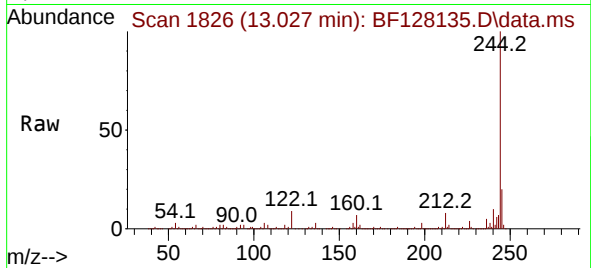




#79
 Terphenyl-d14
 Concen: 92.166 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128135.D
 Acq: 06 May 2022 20:25

Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT1

Tgt Ion:244 Resp: 1304024
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128135.D
 Acq: 06 May 2022 20:25

Tgt Ion:264 Resp: 181447
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 21.3 17.5 26.3

