

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127080.D
 Acq On : 25 Feb 2022 19:37
 Operator : CG\JU
 Sample : N1669-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAP-BANK-PEDESTALS

Quant Time: Feb 26 01:40:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

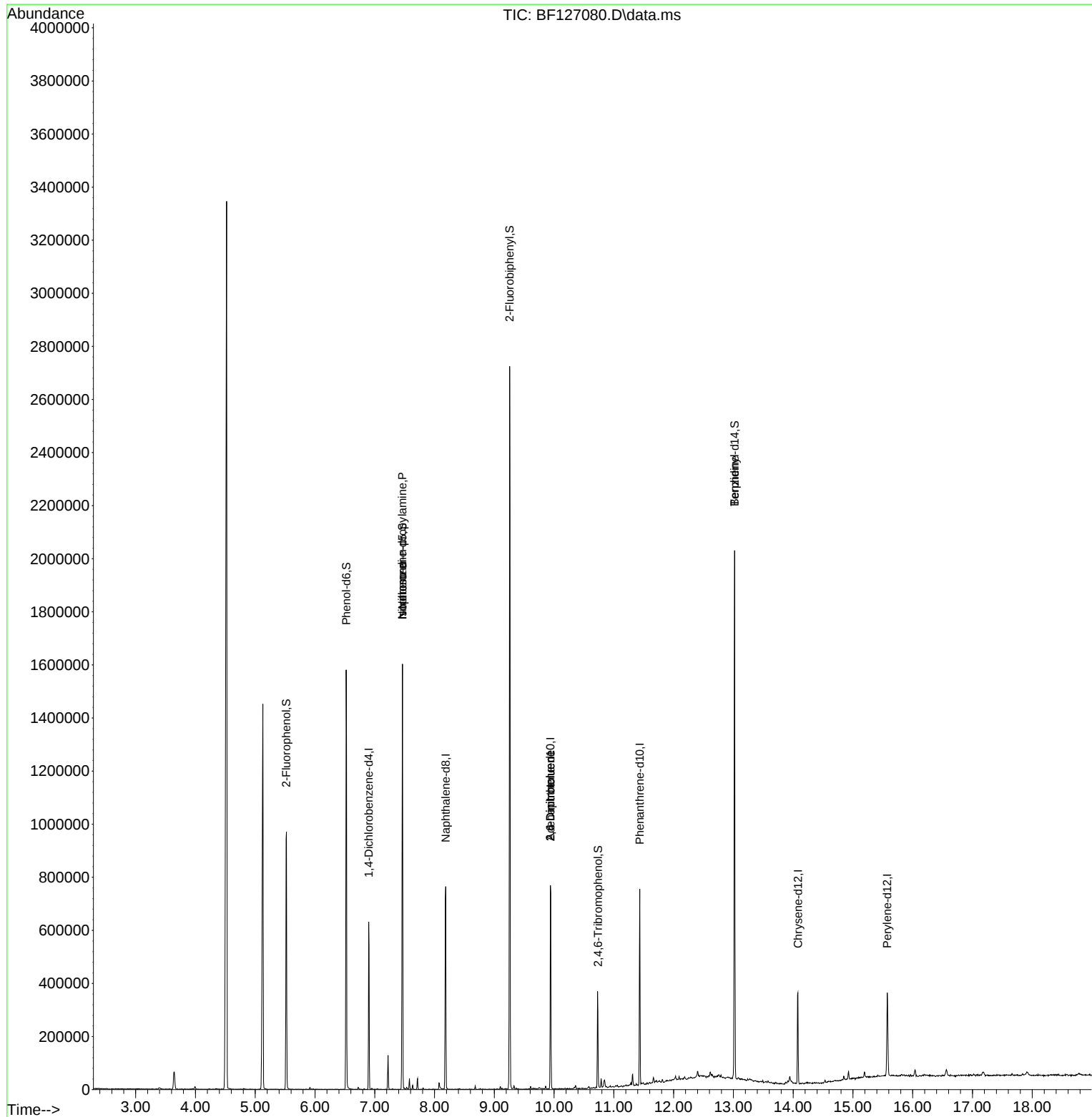
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	83609	20.000	ng	-0.01
21) Naphthalene-d8	8.187	136	326017	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	154521	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	225172	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	113169	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	128592	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	245084	45.306	ng	0.00
7) Phenol-d6	6.522	99	484860	66.424	ng	-0.02
23) Nitrobenzene-d5	7.463	82	477823	66.155	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	38477	21.627	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	762483	72.643	ng	-0.01
79) Terphenyl-d14	13.022	244	589605	76.588	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	64765	13.769	ng	# 78
25) Isophorone	7.463	82	476084	39.834	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	20781	9.248	ng	# 21
57) 2,4-Dinitrotoluene	9.939	165	20781	6.840	ng	# 15
77) Benzidine	13.022	184	9514	3.094	ng	96

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

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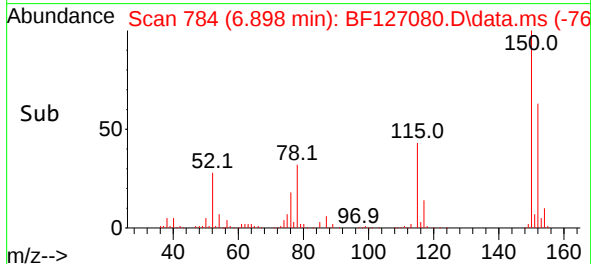
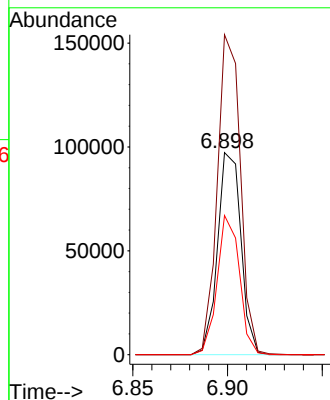
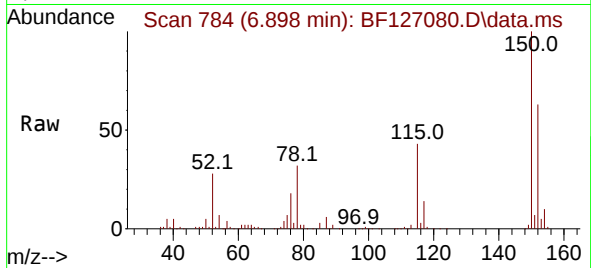




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

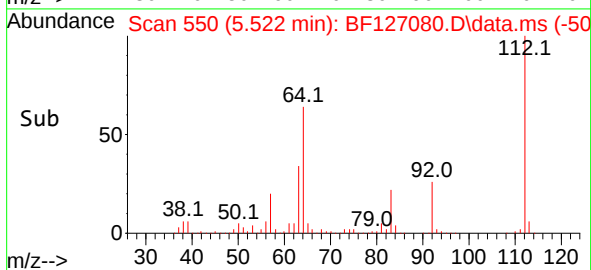
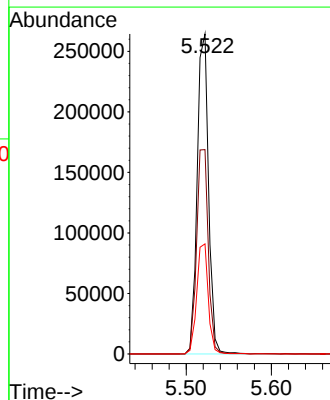
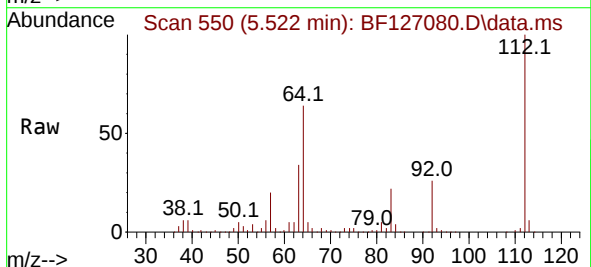
Instrument :
BNA_F
ClientSampleId :
CAP-BANK-PEDESTALS

Tgt Ion:152 Resp: 83609
Ion Ratio Lower Upper
152 100
150 158.3 128.1 192.1
115 68.8 56.7 85.1



#5
2-Fluorophenol
Concen: 45.306 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Tgt Ion:112 Resp: 245084
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 34.4 23.9 35.9

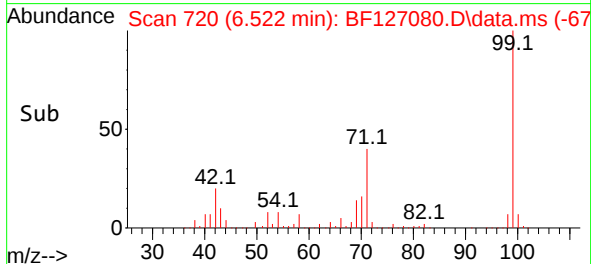
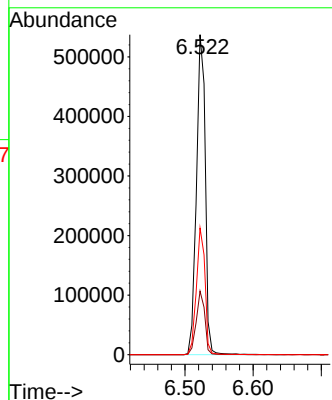
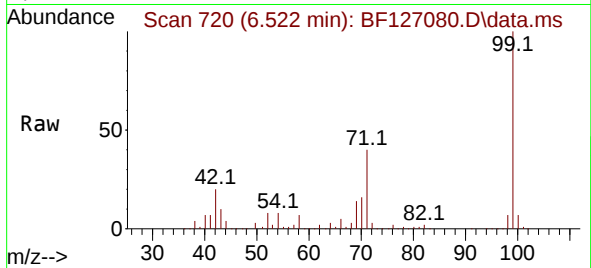




#7
Phenol-d6
Concen: 66.424 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

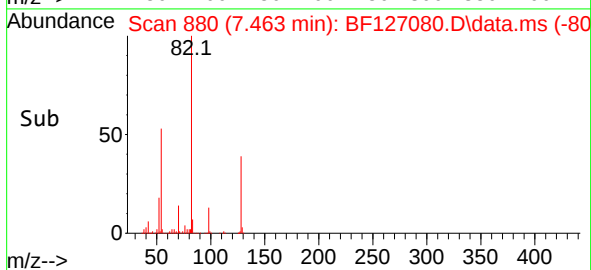
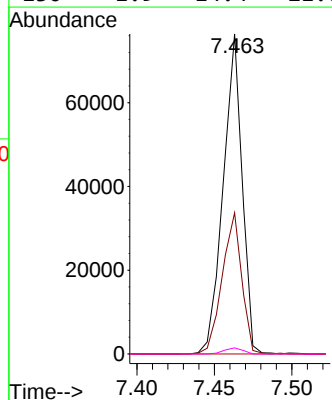
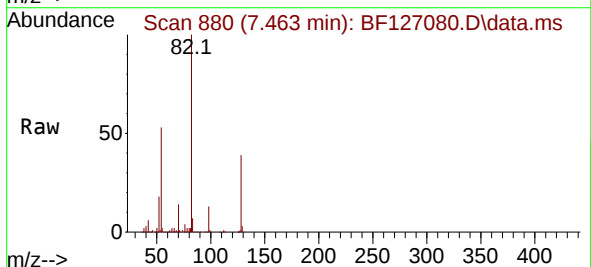
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ClientSampleId :
CAP-BANK-PEDESTALS

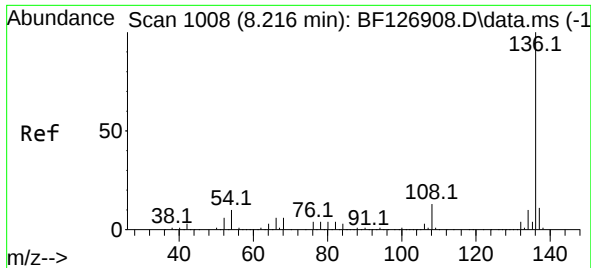
Tgt Ion: 99 Resp: 484860
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 39.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.769 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 70 Resp: 64765
Ion Ratio Lower Upper
70 100
42 44.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

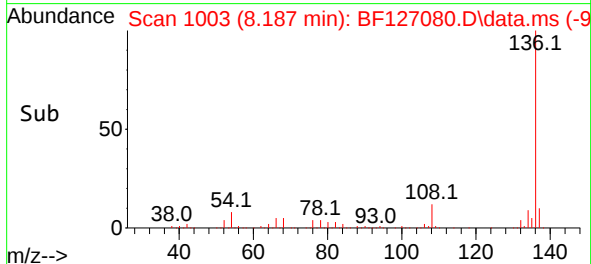
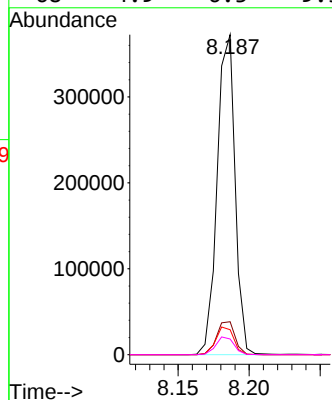
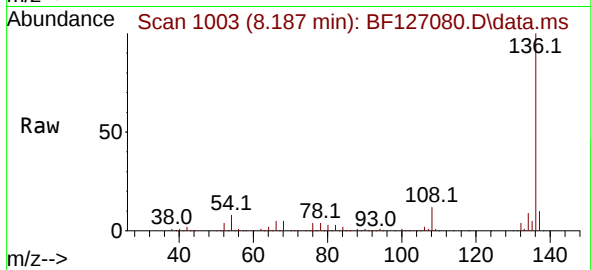




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

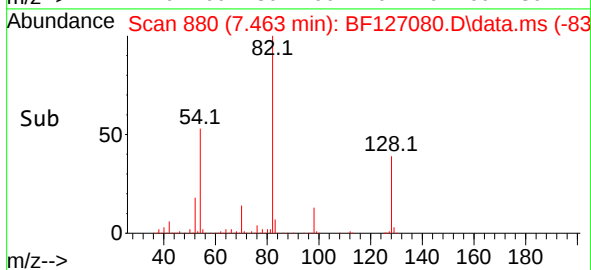
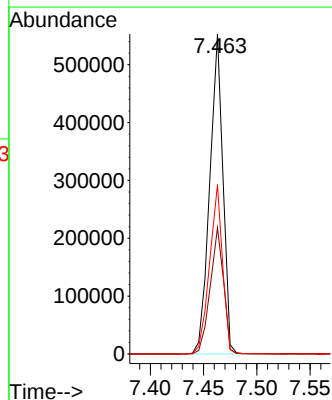
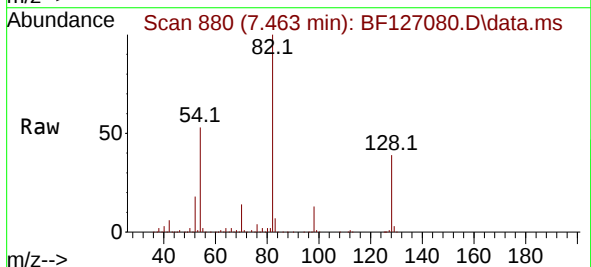
Instrument :
BNA_F
ClientSampleId :
CAP-BANK-PEDESTALS

Tgt Ion:136 Resp: 326017
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.8 7.8 11.6
68 4.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 66.155 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 82 Resp: 477823
Ion Ratio Lower Upper
82 100
128 39.4 32.7 49.1
54 52.9 41.7 62.5

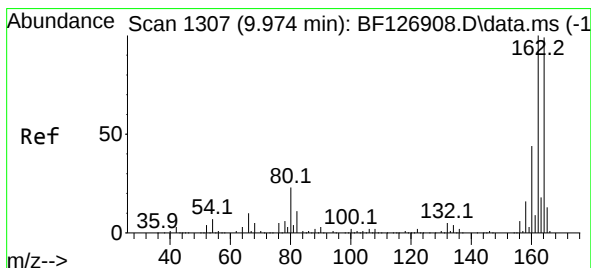
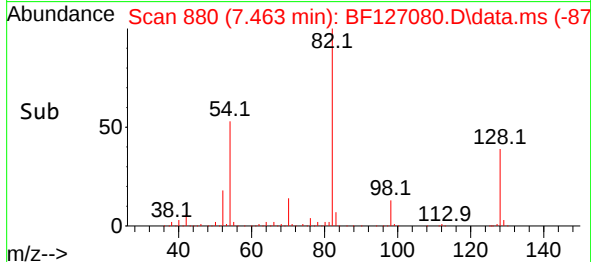
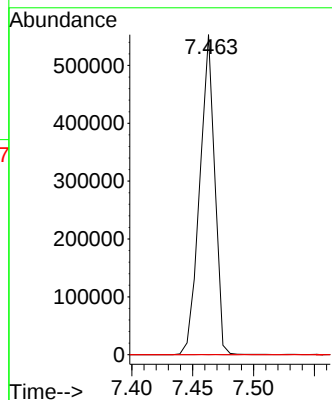
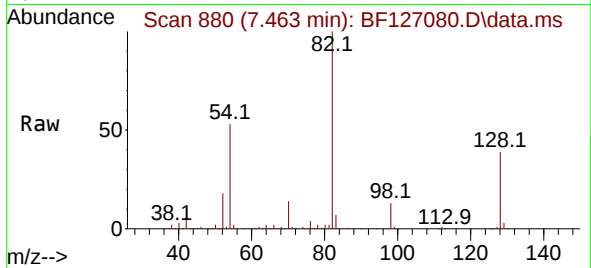




#25
Isophorone
Concen: 39.834 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

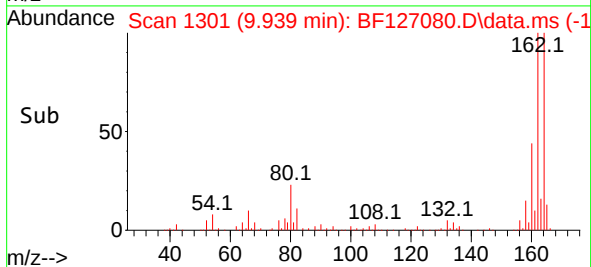
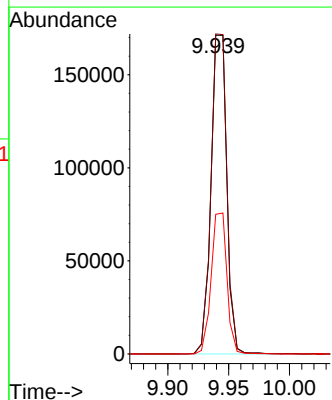
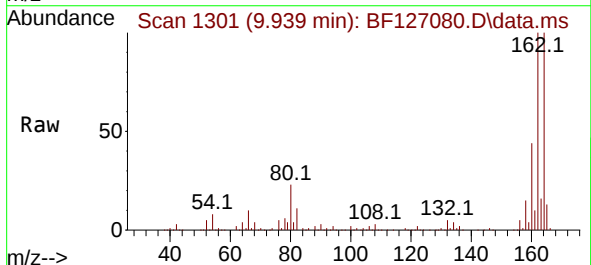
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ClientSampleId :
CAP-BANK-PEDESTALS

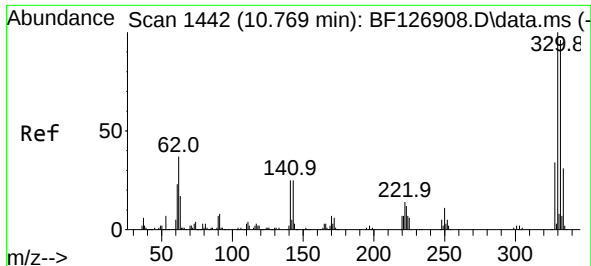
Tgt Ion: 82 Resp: 476084
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Tgt Ion:164 Resp: 154521
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 43.8 36.6 54.8

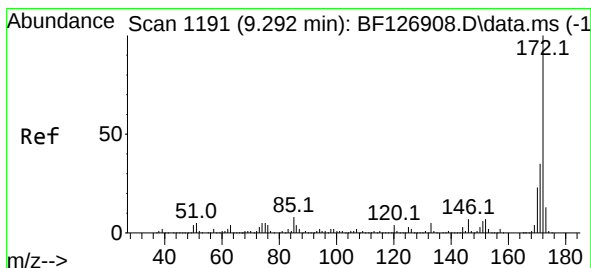
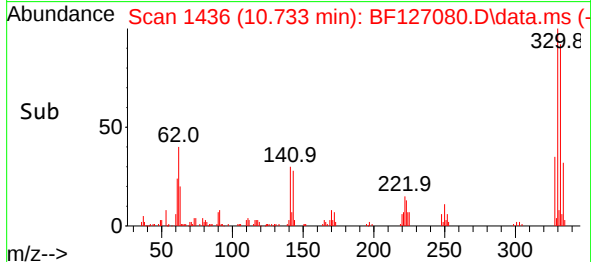
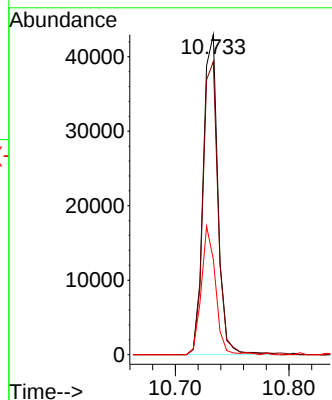
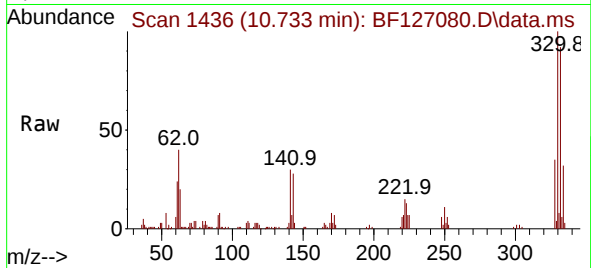




#42
2,4,6-Tribromophenol
Concen: 21.627 ng
RT: 10.733 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

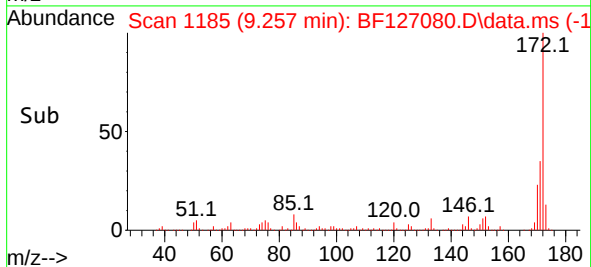
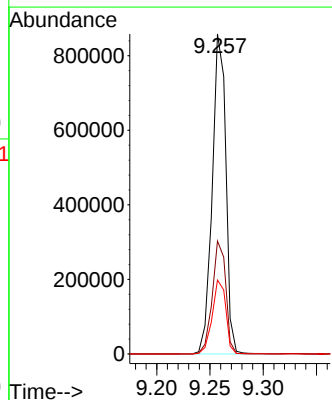
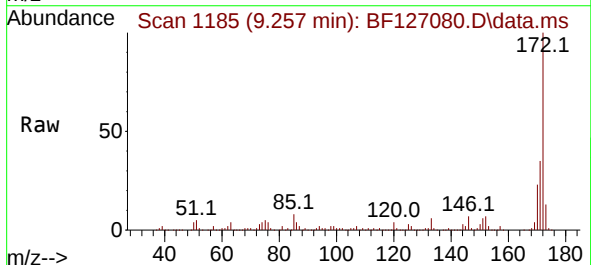
Instrument :
BNA_F
ClientSampleId :
CAP-BANK-PEDESTALS

Tgt Ion: 330 Resp: 38477
Ion Ratio Lower Upper
330 100
332 93.4 76.0 114.0
141 38.9 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 72.643 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Tgt Ion: 172 Resp: 762483
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 19.0 28.6

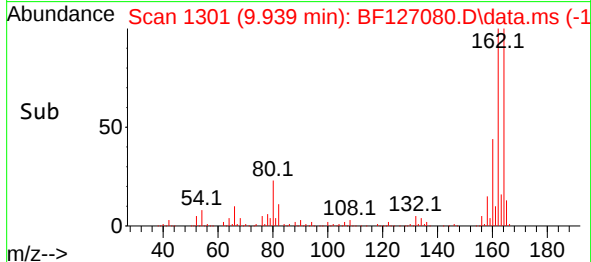
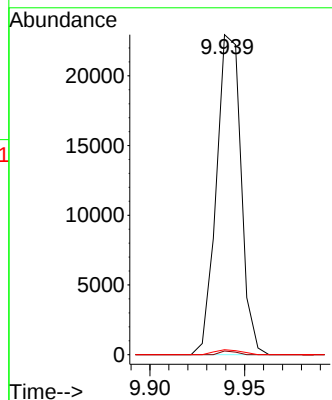
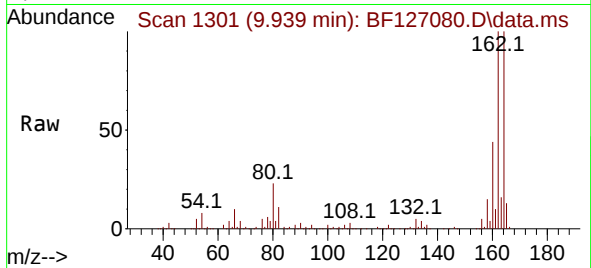




#51
2,6-Dinitrotoluene
Concen: 9.248 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

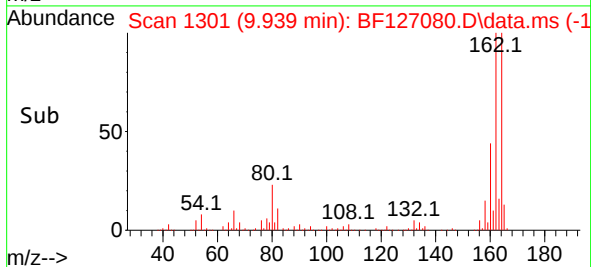
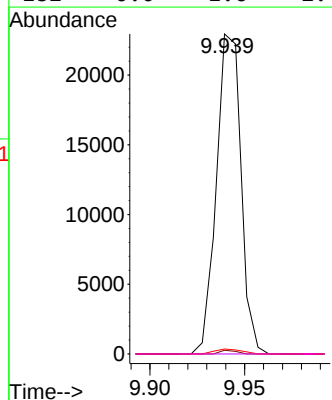
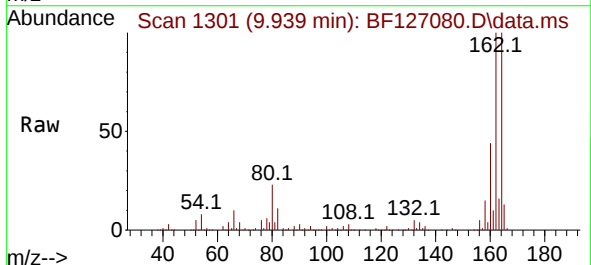
Instrument :
BNA_F
ClientSampleId :
CAP-BANK-PEDESTALS

Tgt Ion:165 Resp: 20781
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.200 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Tgt Ion:165 Resp: 20781
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

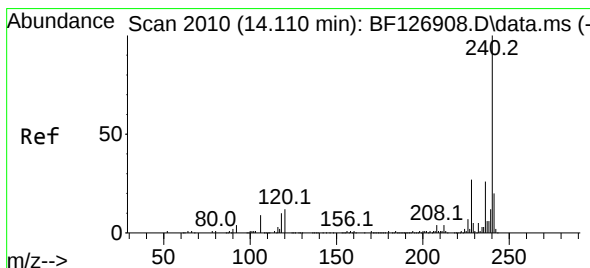
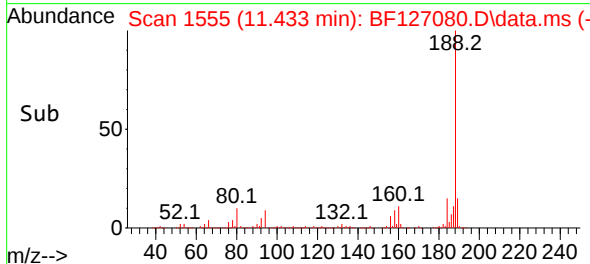
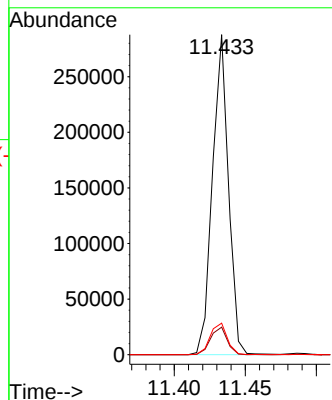
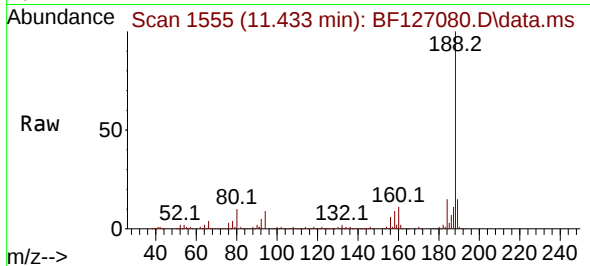




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

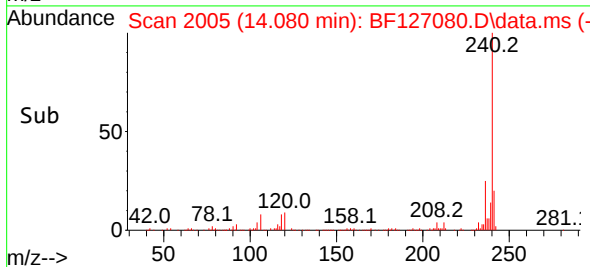
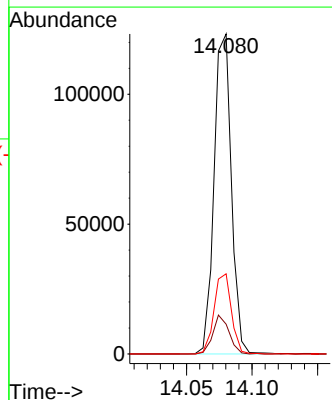
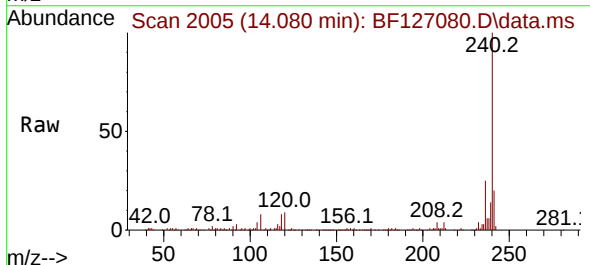
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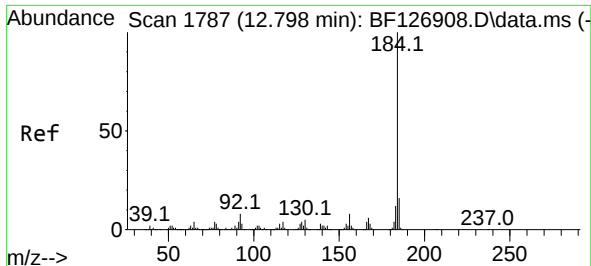
Tgt Ion:188 Resp: 225172
Ion Ratio Lower Upper
188 100
94 8.6 10.1 15.1#
80 9.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Tgt Ion:240 Resp: 113169
Ion Ratio Lower Upper
240 100
120 9.3 14.4 21.6#
236 25.1 20.5 30.7

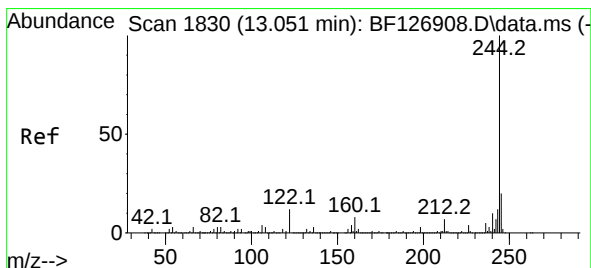
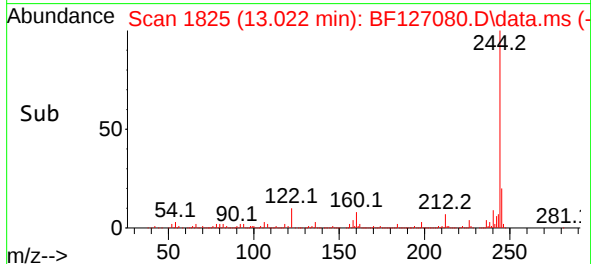
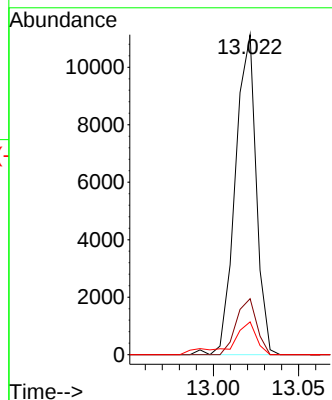
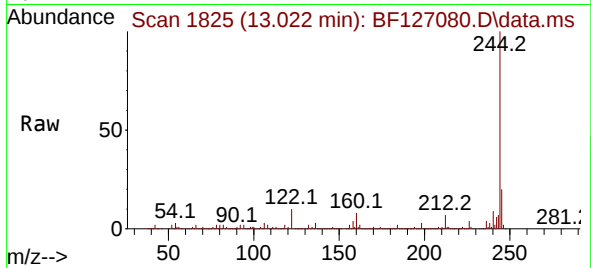




#77
Benzidine
Concen: 3.094 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

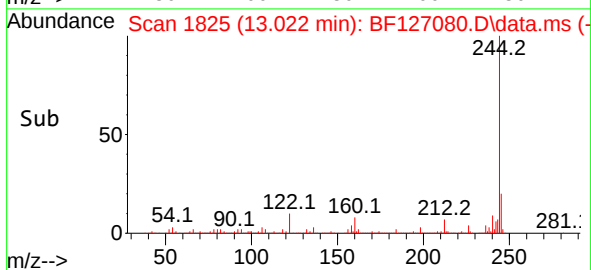
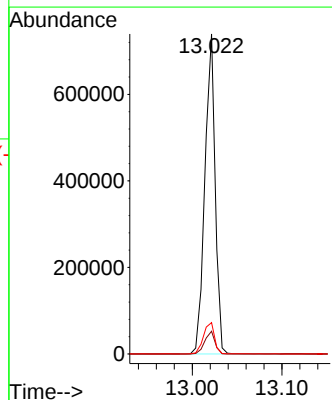
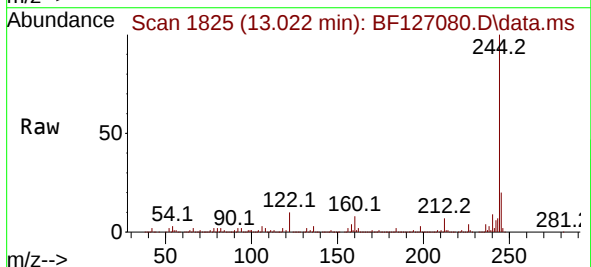
Instrument :
BNA_F
ClientSampleId :
CAP-BANK-PEDESTALS

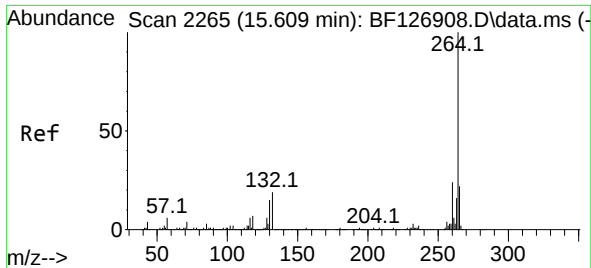
Tgt Ion:184 Resp: 9514
Ion Ratio Lower Upper
184 100
185 17.5 11.8 17.8
183 10.2 8.2 12.2



#79
Terphenyl-d14
Concen: 76.588 ng
RT: 13.022 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Tgt Ion:244 Resp: 589605
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 9.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127080.D
Acq: 25 Feb 2022 19:37

Instrument :
BNA_F
ClientSampleId :
CAP-BANK-PEDESTALS

Tgt Ion:264 Resp: 128592

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.9	17.4	26.2

