

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128807.D
 Acq On : 14 Jun 2022 18:44
 Operator : CG\JU
 Sample : N3304-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-10

Quant Time: Jun 15 01:02:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

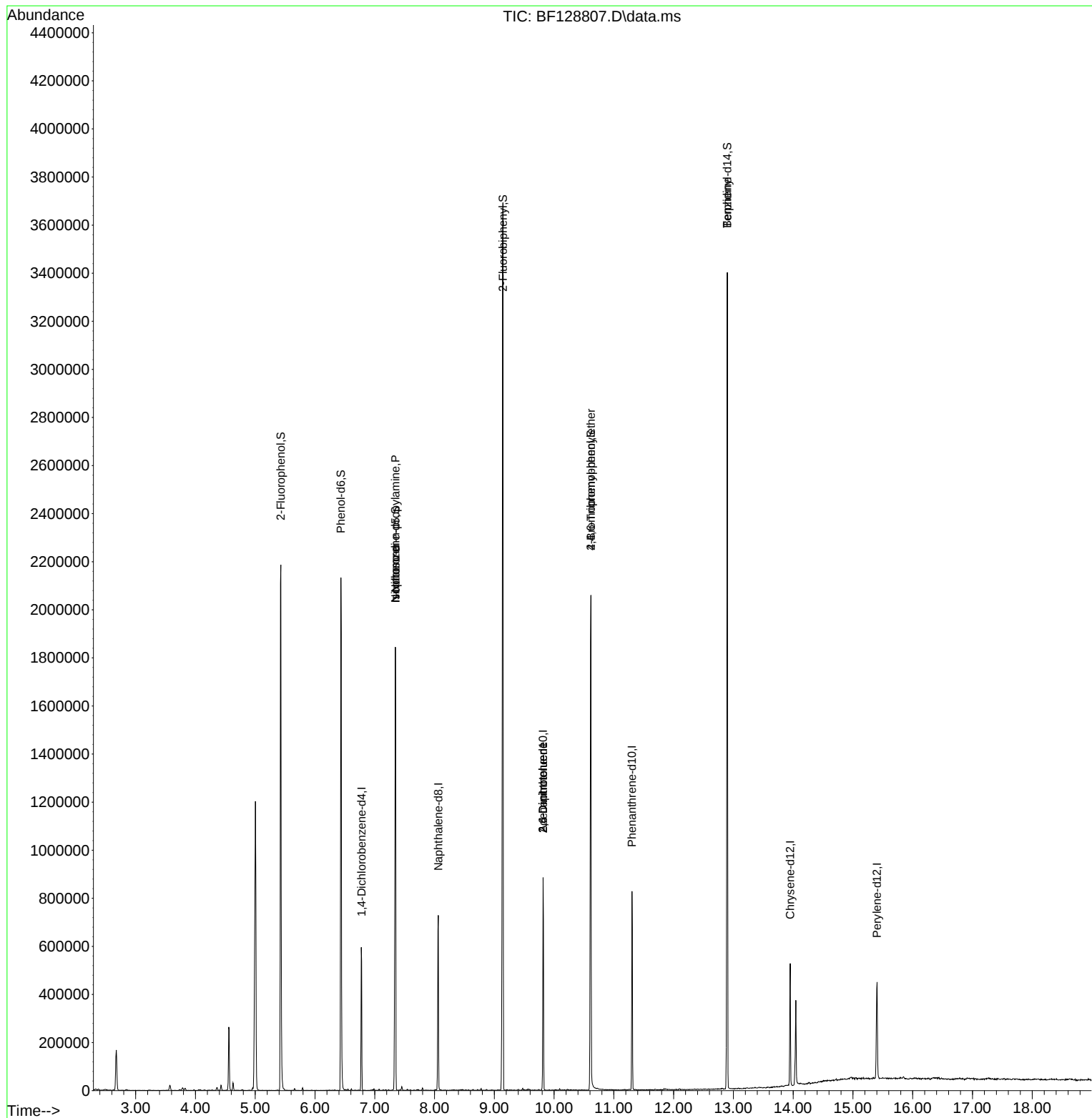
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	85141	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	313834	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	172940	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	292488	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	169338	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	181938	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	563215	105.367	ng	0.01
7) Phenol-d6	6.434	99	680424	104.283	ng	0.00
23) Nitrobenzene-d5	7.345	82	652021	96.730	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	264895	129.636	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1232212	99.808	ng	0.00
79) Terphenyl-d14	12.898	244	1097207	112.588	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	90686	22.354	ng	# 75
25) Isophorone	7.345	82	651732	63.661	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	22110	9.463	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	22110	7.091	ng	# 22
67) 4-Bromophenyl-phenylether	10.616	248	16953	5.197	ng	# 1
77) Benzidine	12.898	184	15349	4.547	ng	# 94

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

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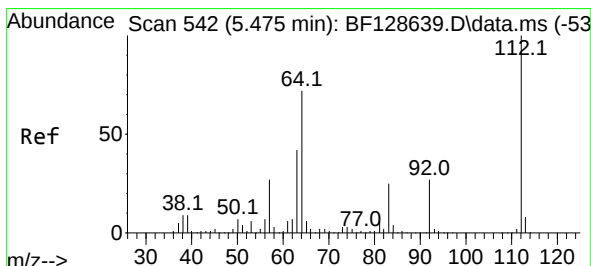
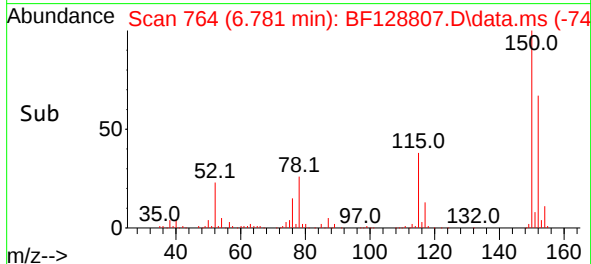
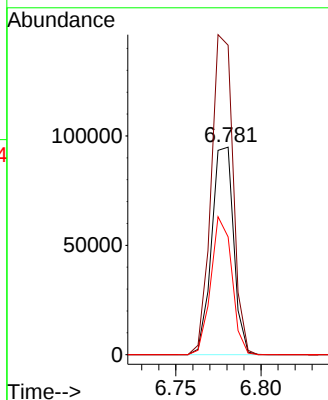
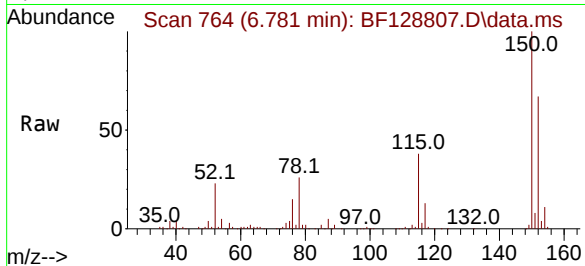




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

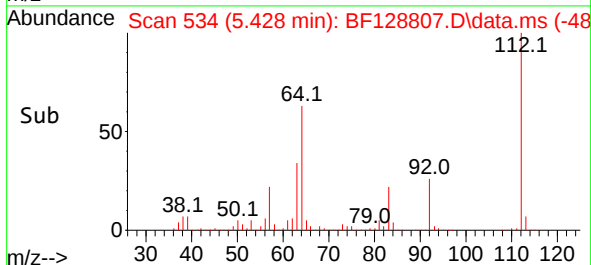
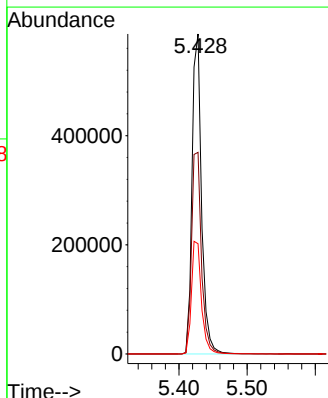
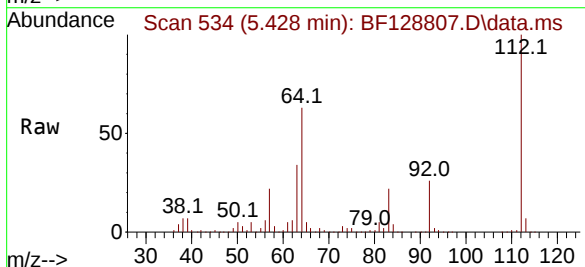
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Tgt Ion:152 Resp: 85141
Ion Ratio Lower Upper
152 100
150 149.1 123.7 185.5
115 56.8 49.9 74.9



#5
2-Fluorophenol
Concen: 105.367 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.012 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

Tgt Ion:112 Resp: 563215
Ion Ratio Lower Upper
112 100
64 63.0 53.3 79.9
63 34.5 28.0 42.0

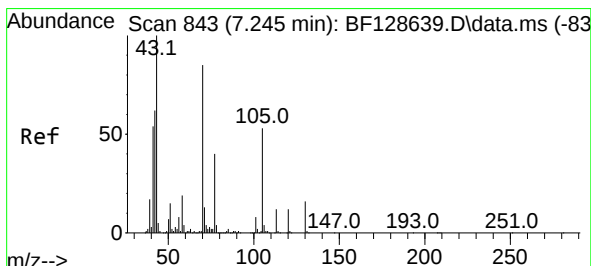
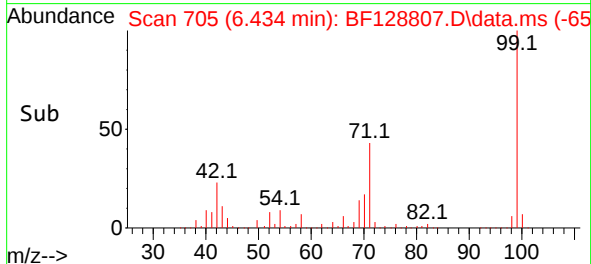
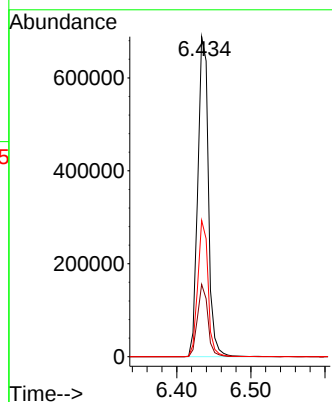
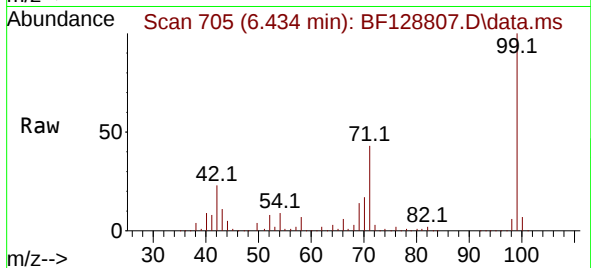




#7
Phenol-d6
Concen: 104.283 ng
RT: 6.434 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

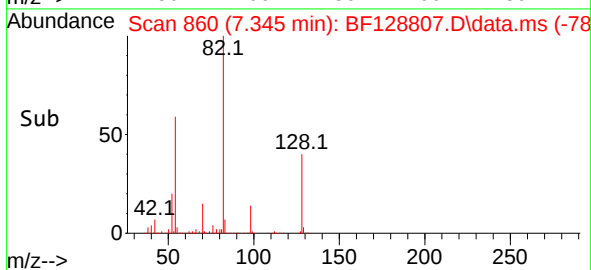
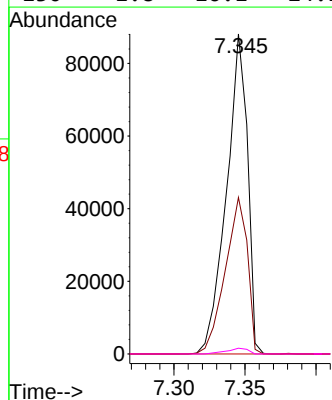
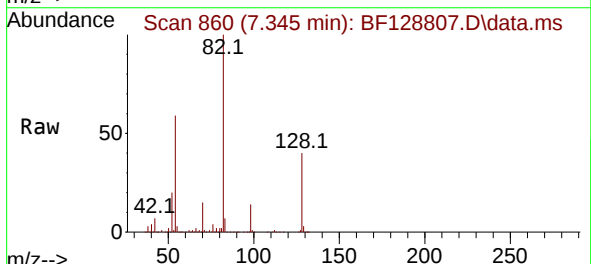
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Tgt Ion: 99 Resp: 680424
Ion Ratio Lower Upper
99 100
42 22.6 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.354 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

Tgt Ion: 70 Resp: 90686
Ion Ratio Lower Upper
70 100
42 48.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

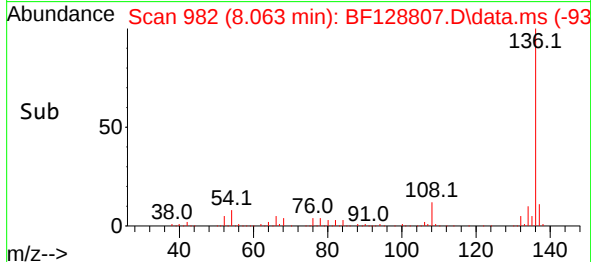
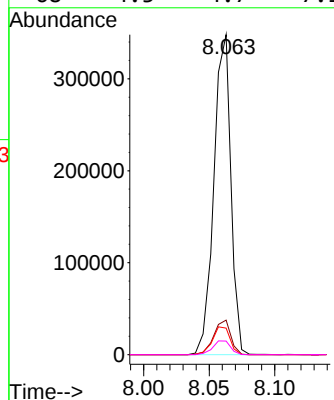
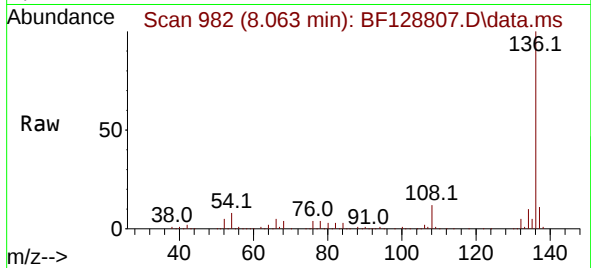




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

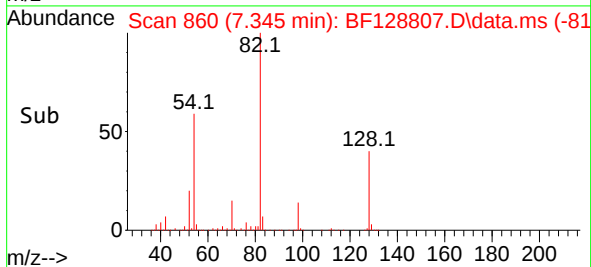
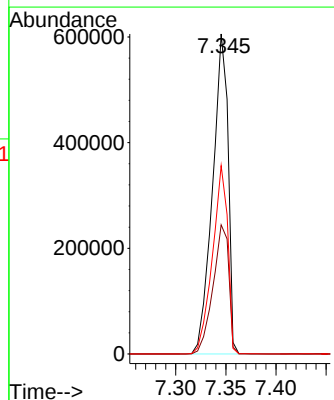
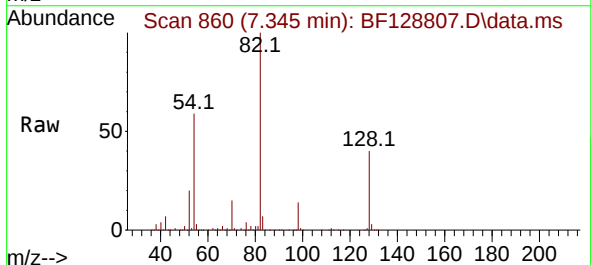
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Tgt Ion:136 Resp: 313834
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.5 11.3
68 4.3 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 96.730 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

Tgt Ion: 82 Resp: 652021
Ion Ratio Lower Upper
82 100
128 40.4 34.0 51.0
54 58.9 46.9 70.3

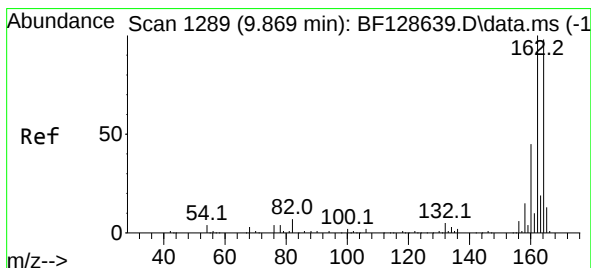
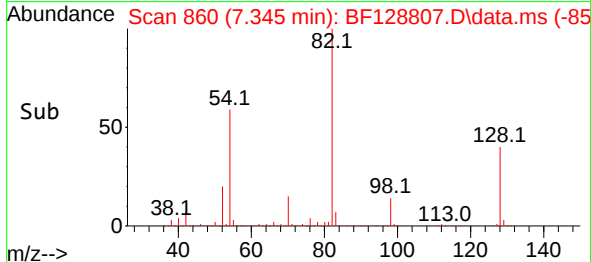
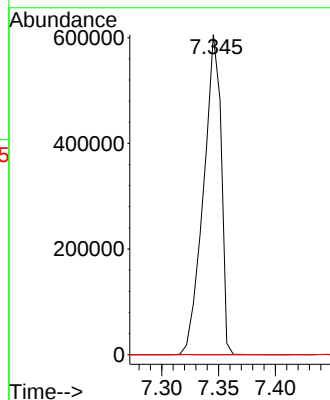
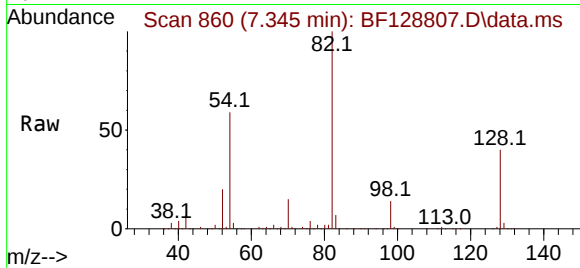




#25
Isophorone
Concen: 63.661 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

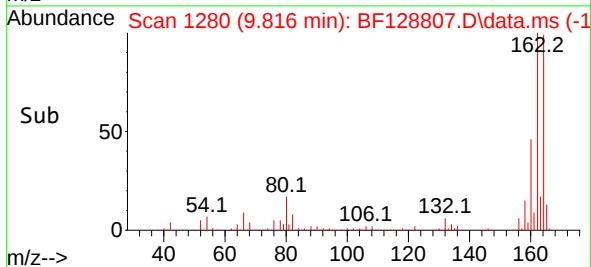
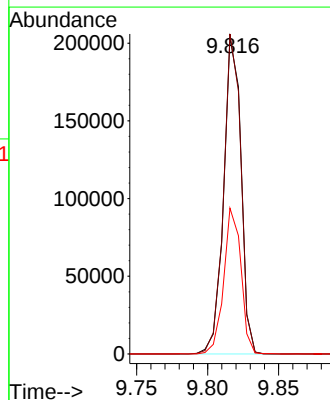
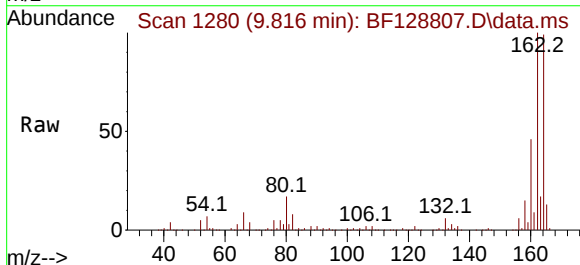
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BNA_F
ClientSampleId :
WC-14A-1A-10

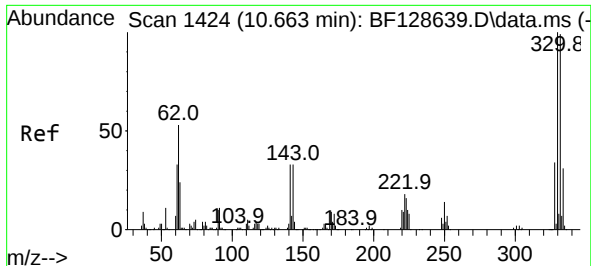
Tgt Ion: 82 Resp: 651732
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

Tgt Ion:164 Resp: 172940
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 46.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 129.636 ng

RT: 10.616 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128807.D

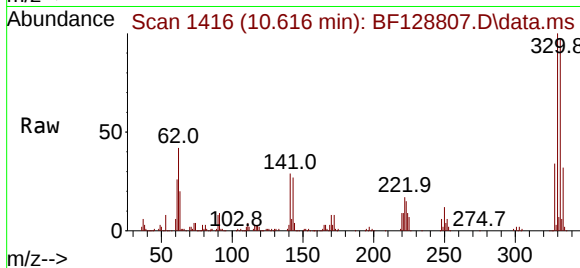
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Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-10



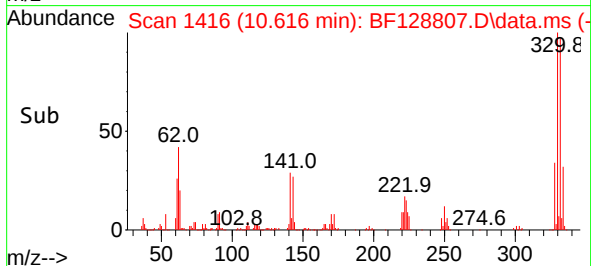
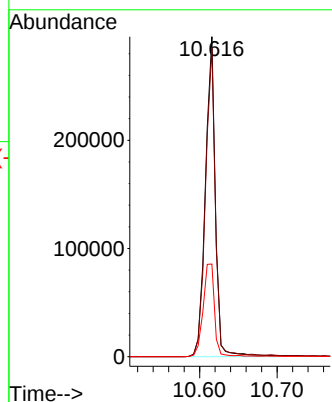
Tgt Ion:330 Resp: 264895

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 33.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 99.808 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128807.D

Acq: 14 Jun 2022 18:44

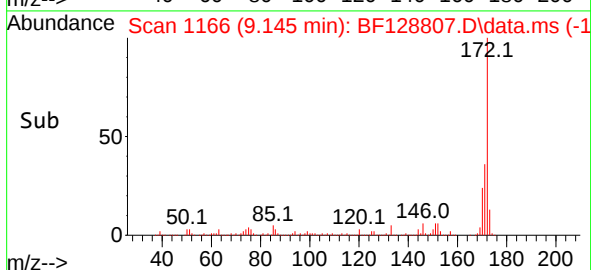
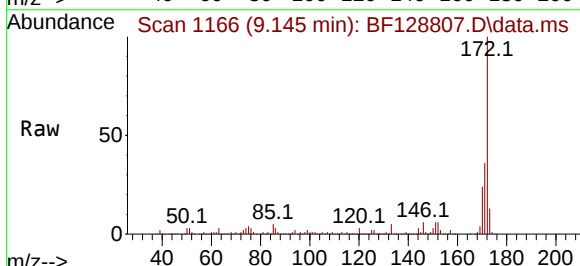
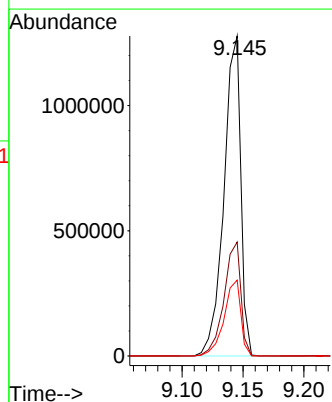
Tgt Ion:172 Resp: 1232212

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.8 29.8

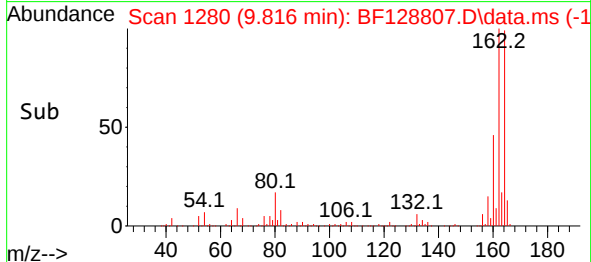
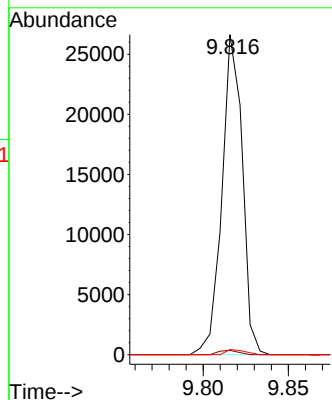
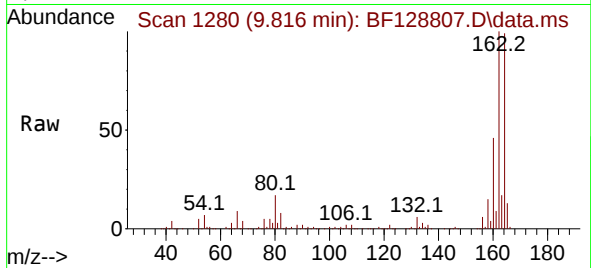




#51
2,6-Dinitrotoluene
Concen: 9.463 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.200 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

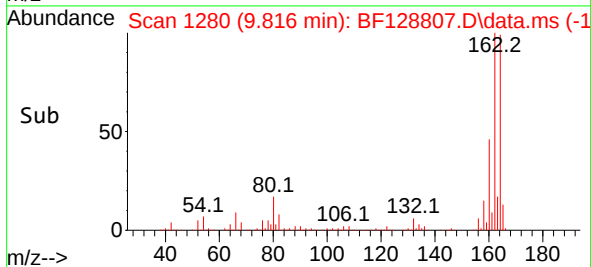
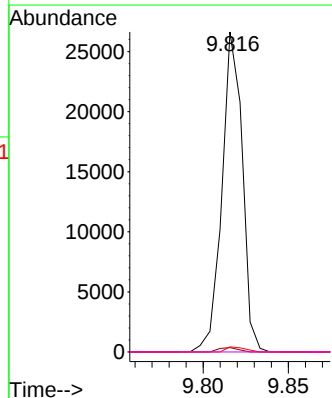
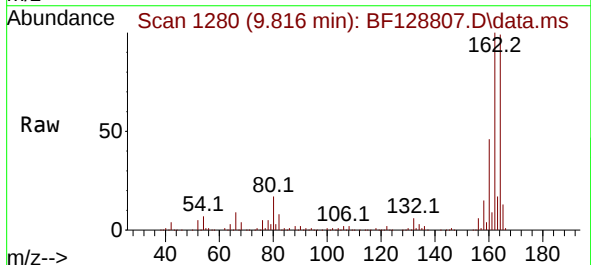
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10

Tgt Ion:165 Resp: 22110
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.091 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

Tgt Ion:165 Resp: 22110
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#

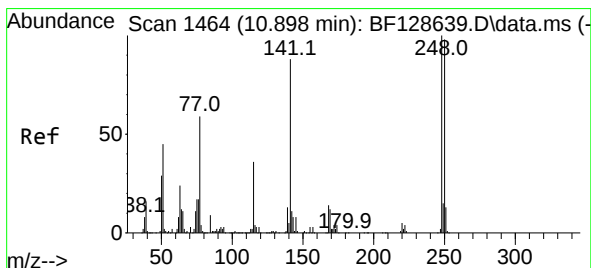
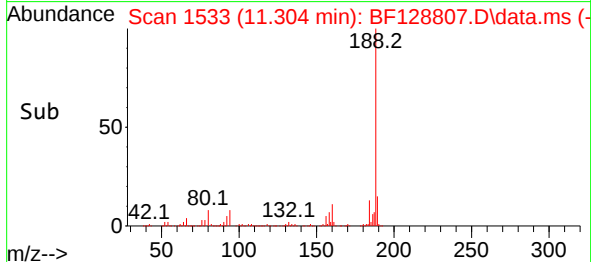
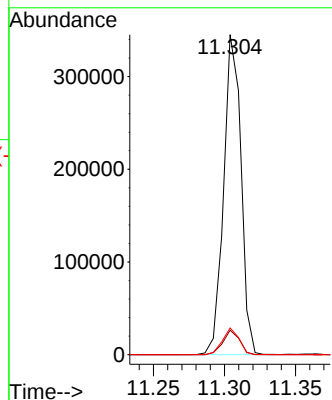
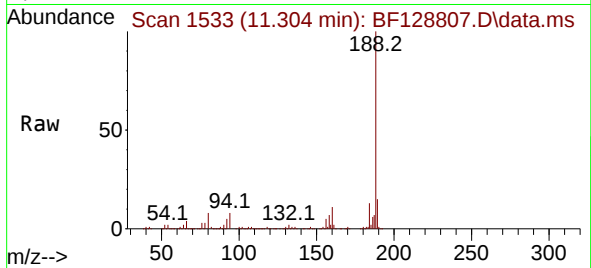




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

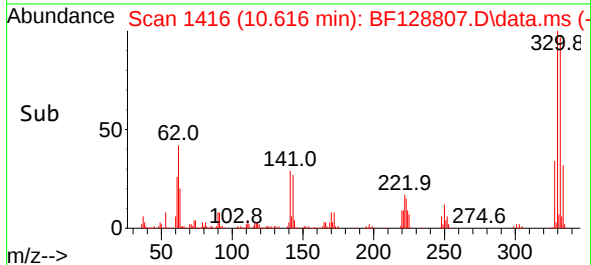
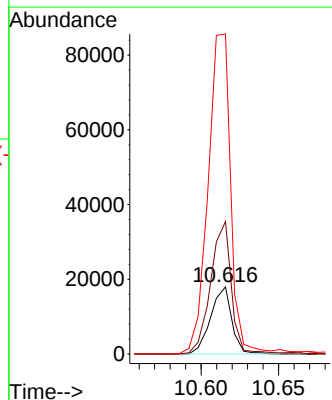
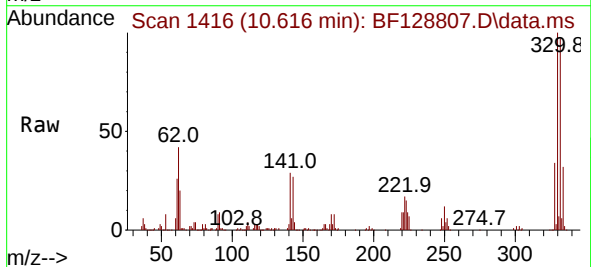
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ClientSampleId :
WC-14A-1A-10

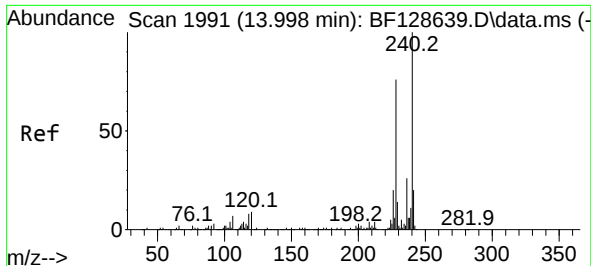
Tgt Ion:188 Resp: 292488
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.197 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

Tgt Ion:248 Resp: 16953
Ion Ratio Lower Upper
248 100
250 197.5 80.6 120.8#
141 477.2 58.9 88.3#

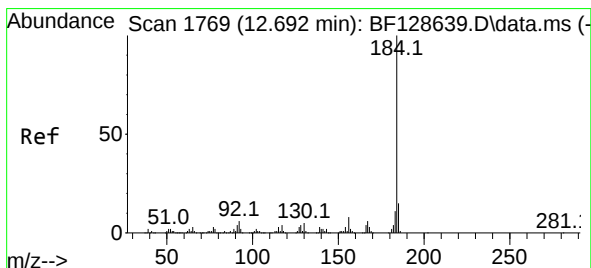
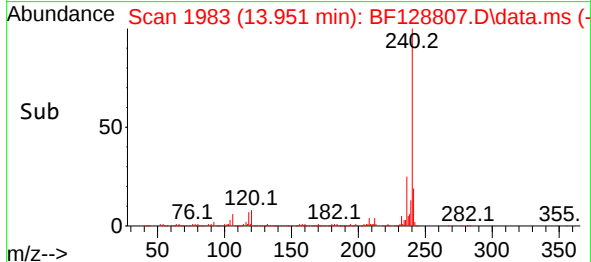
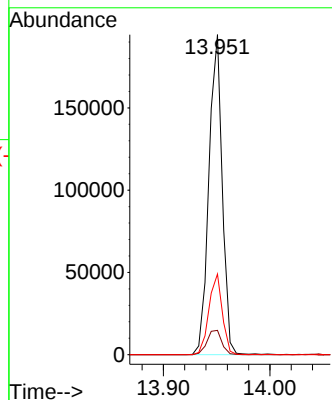
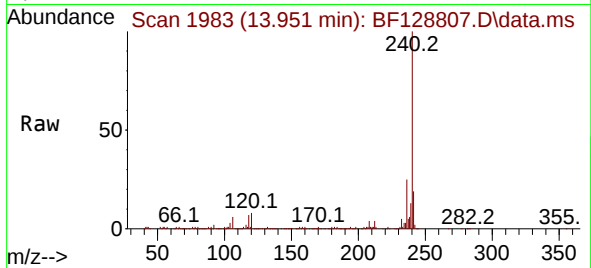




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

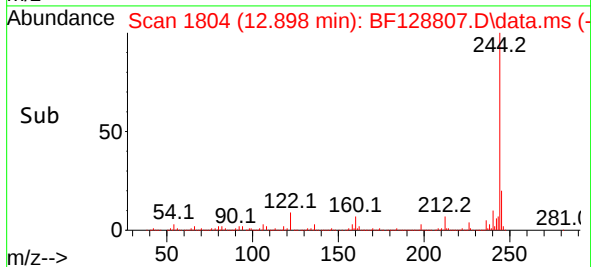
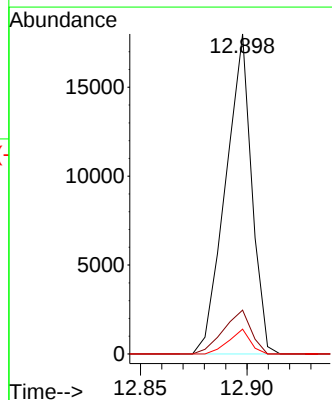
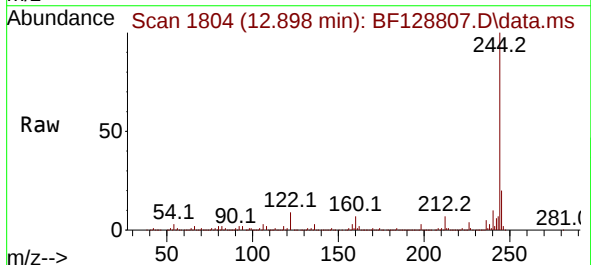
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BNA_F
ClientSampleId :
WC-14A-1A-10

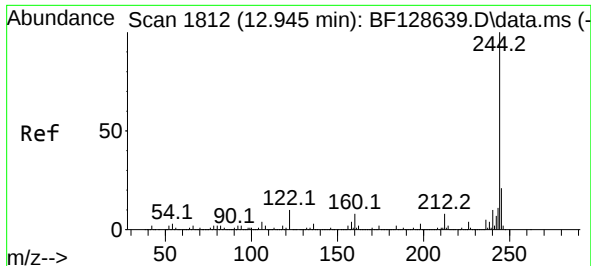
Tgt Ion:240 Resp: 169338
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 25.2 20.8 31.2



#77
Benzidine
Concen: 4.547 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.247 min
Lab File: BF128807.D
Acq: 14 Jun 2022 18:44

Tgt Ion:184 Resp: 15349
Ion Ratio Lower Upper
184 100
185 13.7 11.9 17.9
183 7.8 9.3 13.9#

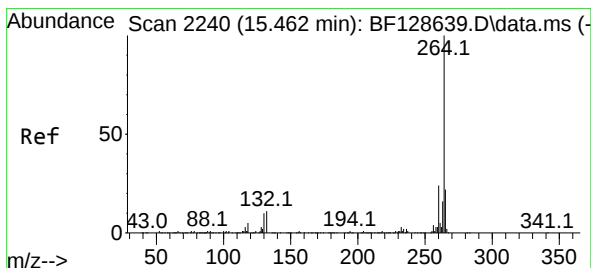
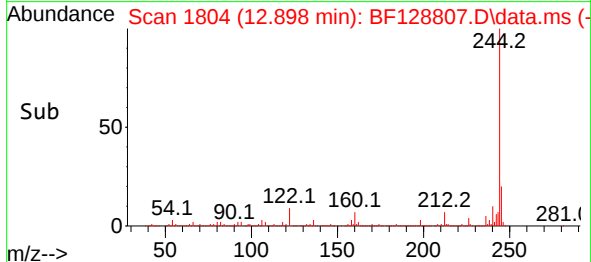
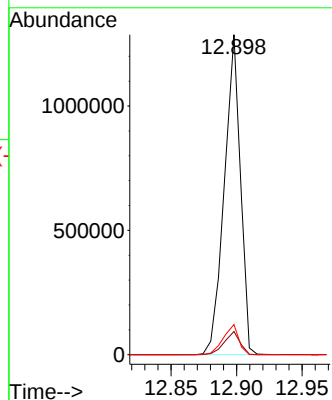
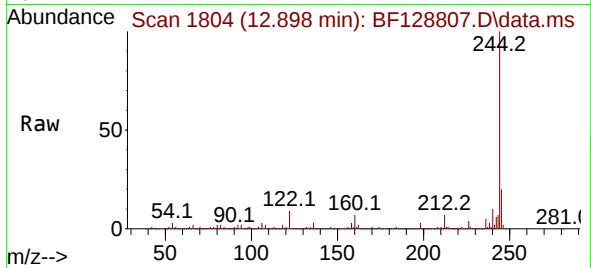




#79
 Terphenyl-d14
 Concen: 112.588 ng
 RT: 12.898 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF128807.D
 Acq: 14 Jun 2022 18:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-10

Tgt Ion:244 Resp: 1097207
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. -0.012 min
 Lab File: BF128807.D
 Acq: 14 Jun 2022 18:44

Tgt Ion:264 Resp: 181938
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.9 17.2 25.8

