

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
 Data File : BF128751.D
 Acq On : 09 Jun 2022 17:20
 Operator : CG\JU
 Sample : N3270-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5A

Quant Time: Jun 10 03:28:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

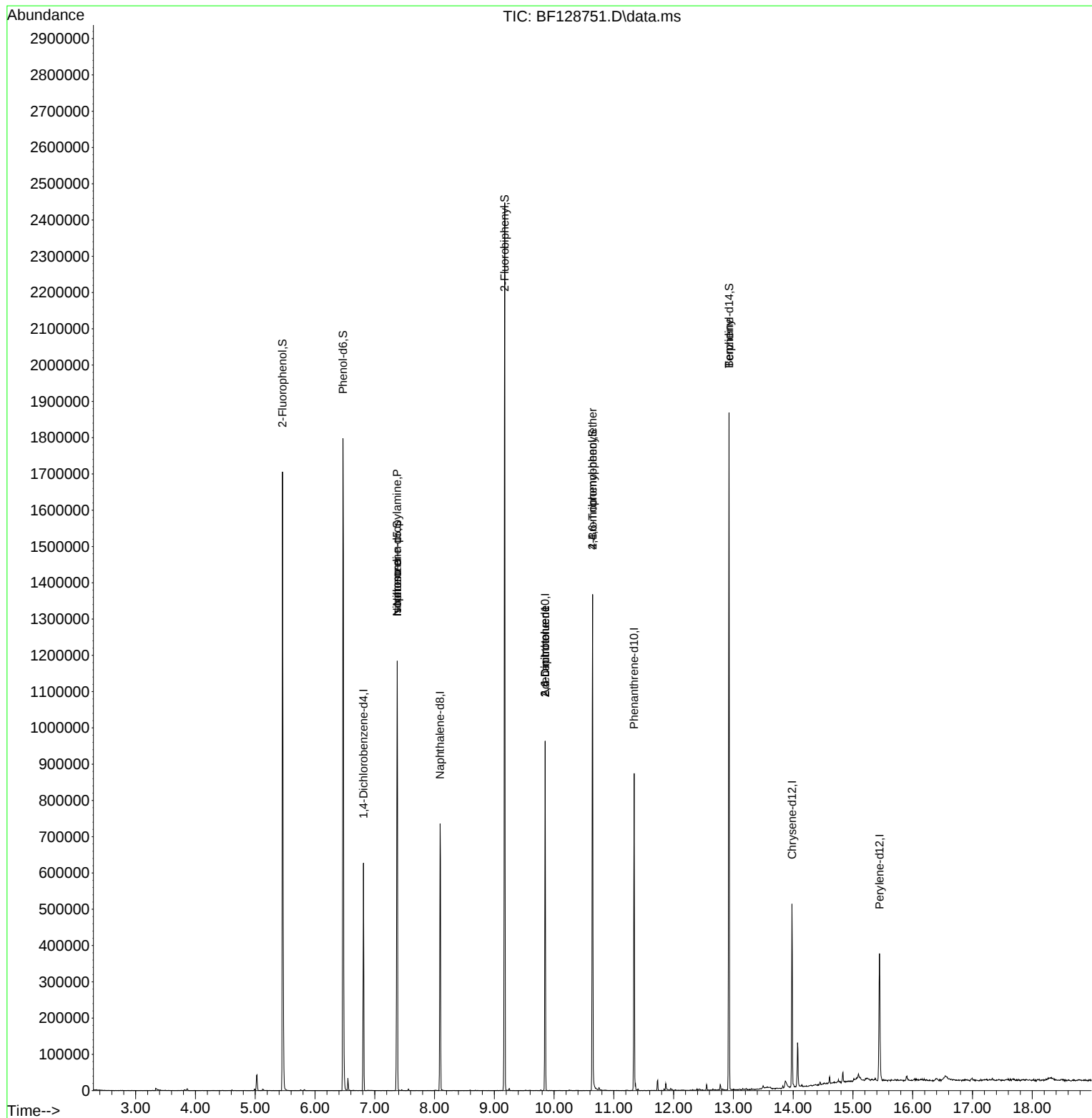
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	76488	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	299933	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	169688	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	289910	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	165591	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	165289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	392434	81.723	ng	0.00
7) Phenol-d6	6.469	99	507023	86.498	ng	-0.01
23) Nitrobenzene-d5	7.375	82	354468	55.024	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	153116	76.369	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	673456	55.595	ng	0.00
79) Terphenyl-d14	12.927	244	584904	61.377	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	50740	13.922	ng	# 76
25) Isophorone	7.375	82	354464	36.229	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	21398	9.334	ng	# 26
57) 2,4-Dinitrotoluene	9.851	165	21398	6.994	ng	# 21
67) 4-Bromophenyl-phenylether	10.645	248	9931	3.072	ng	# 1
77) Benzydine	12.927	184	8886	2.692	ng	# 95

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

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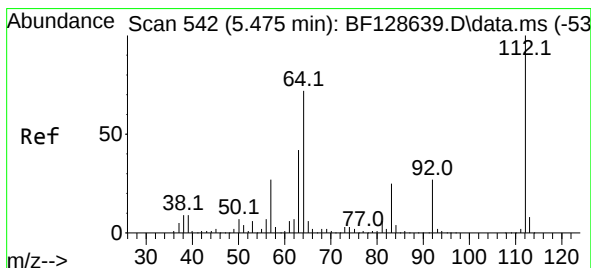
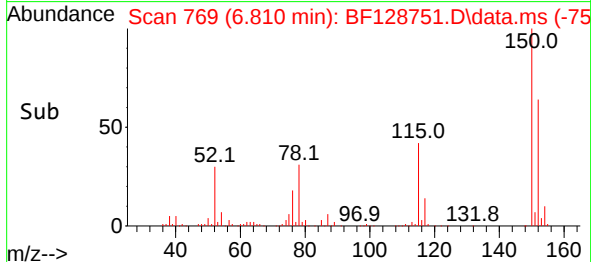
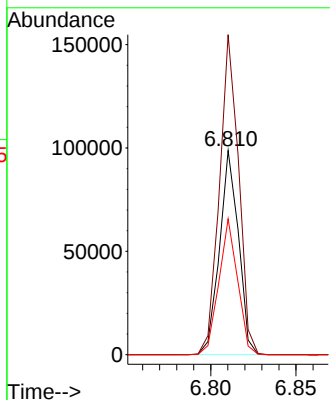
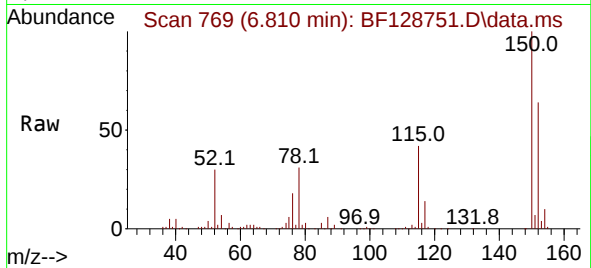




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

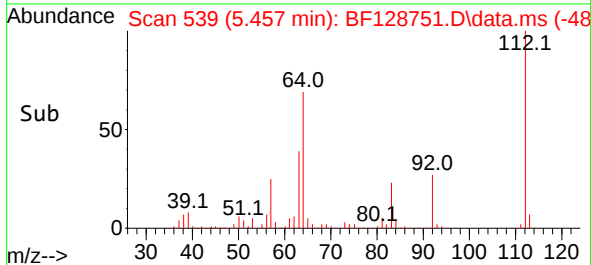
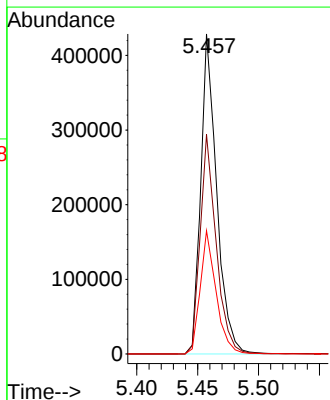
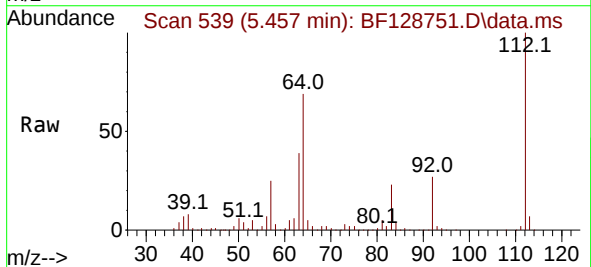
Instrument :
BNA_F
ClientSampleId :
TP-5A

Tgt Ion:152 Resp: 76488
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 66.5 49.9 74.9



#5
2-Fluorophenol
Concen: 81.723 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

Tgt Ion:112 Resp: 392434
Ion Ratio Lower Upper
112 100
64 68.6 53.3 79.9
63 38.5 28.0 42.0

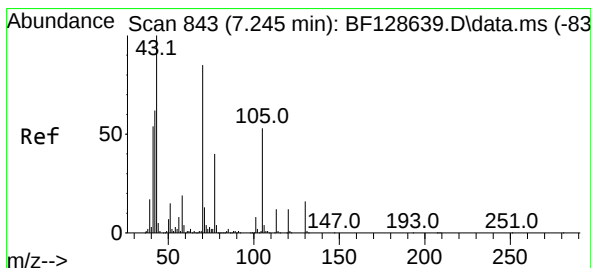
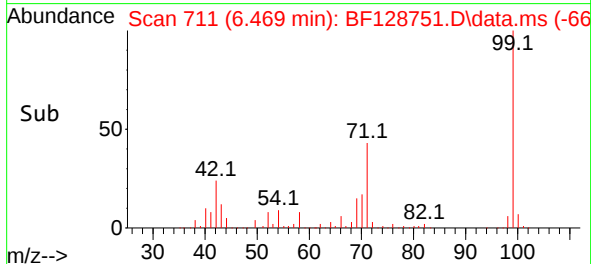
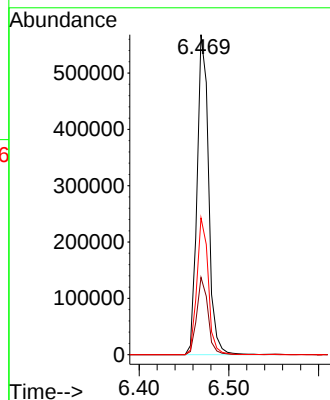
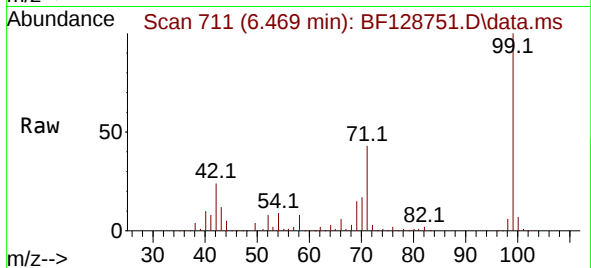




#7
Phenol-d6
Concen: 86.498 ng
RT: 6.469 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

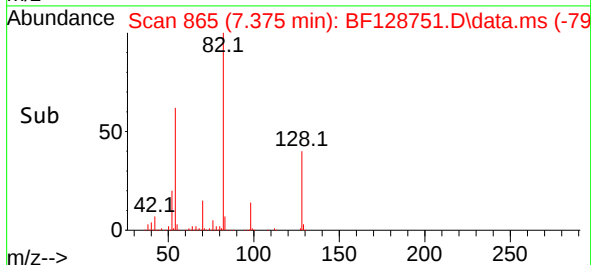
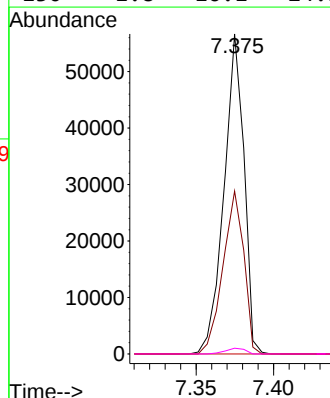
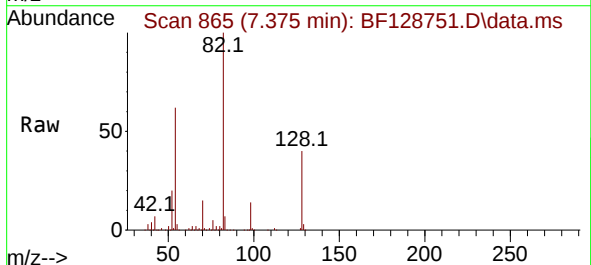
Instrument :
BNA_F
ClientSampleId :
TP-5A

Tgt Ion: 99 Resp: 507023
Ion Ratio Lower Upper
99 100
42 24.1 17.3 25.9
71 42.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.922 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.141 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

Tgt Ion: 70 Resp: 50740
Ion Ratio Lower Upper
70 100
42 50.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

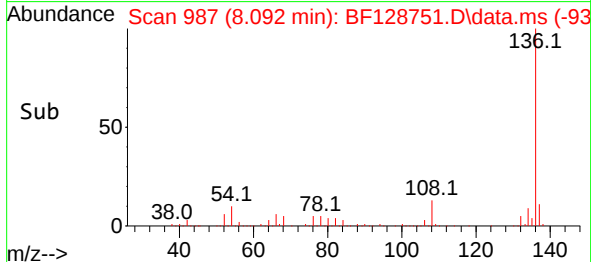
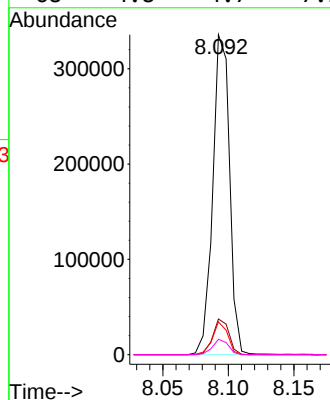
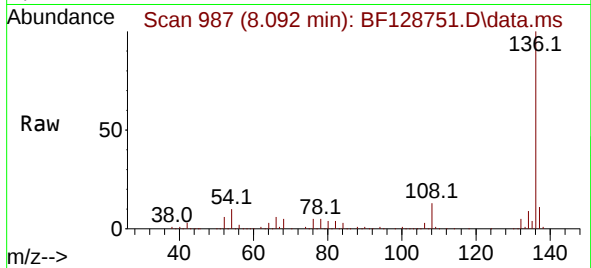




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

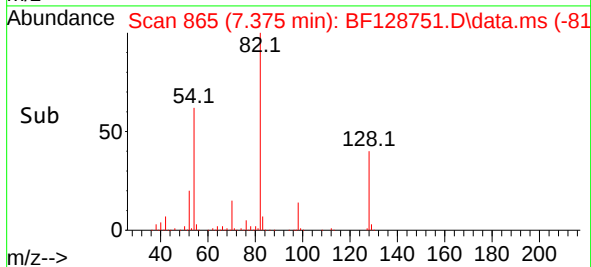
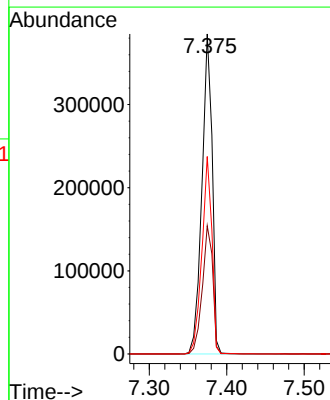
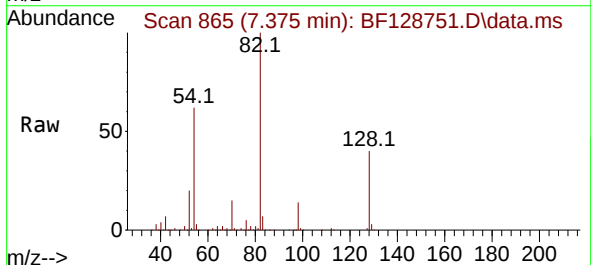
Instrument :
BNA_F
ClientSampleId :
TP-5A

Tgt Ion:	136	Resp:	299933
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.3	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 55.024 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

Tgt Ion:	82	Resp:	354468
Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.0	51.0
54	61.7	46.9	70.3

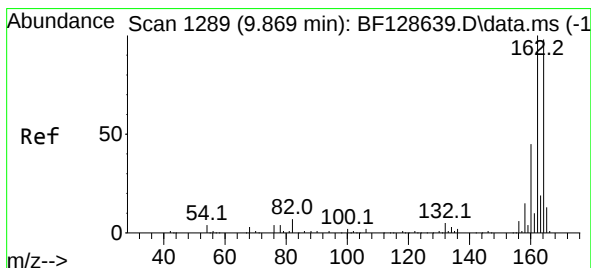
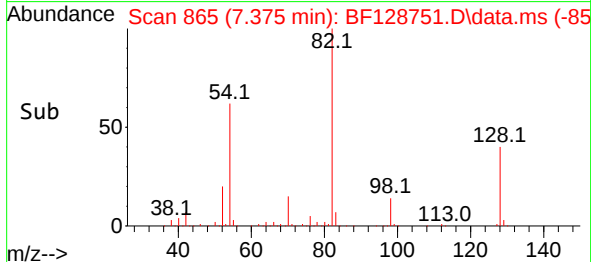
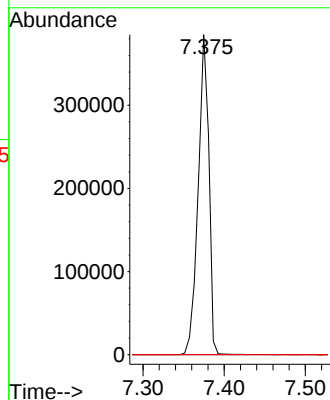
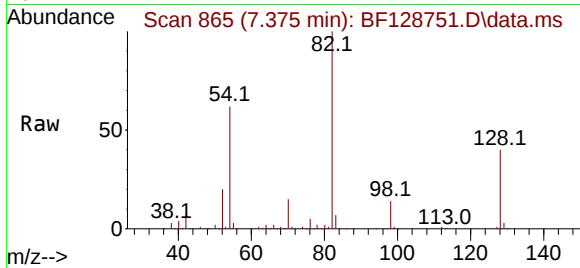




#25
Isophorone
Concen: 36.229 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

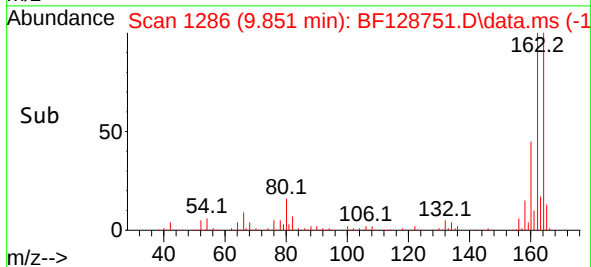
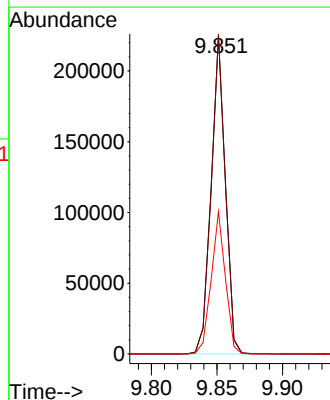
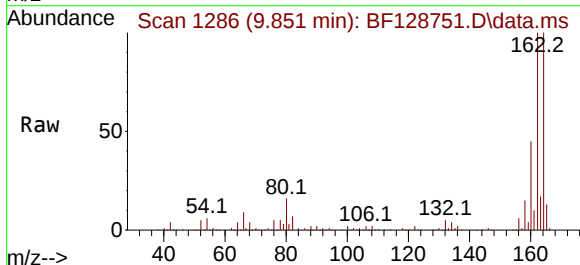
Instrument :
BNA_F
ClientSampleId :
TP-5A

Tgt Ion: 82 Resp: 354464
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: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

Tgt Ion:164 Resp: 169688
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 76.369 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.006 min

Lab File: BF128751.D

Acq: 09 Jun 2022 17:20

Instrument :

BNA_F

ClientSampleId :

TP-5A

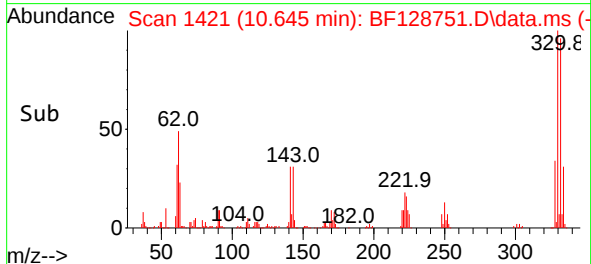
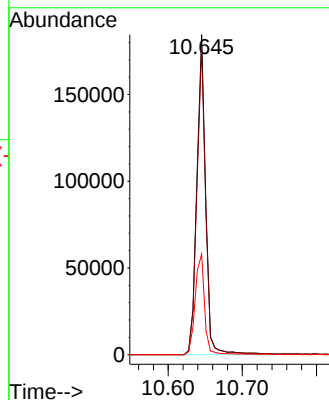
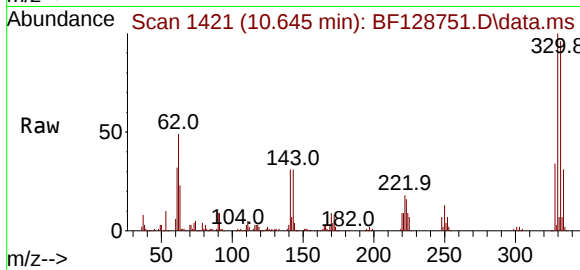
Tgt Ion:330 Resp: 153116

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 55.595 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF128751.D

Acq: 09 Jun 2022 17:20

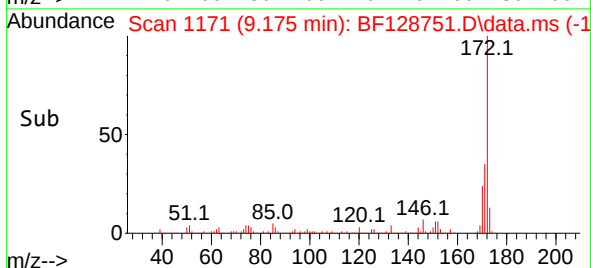
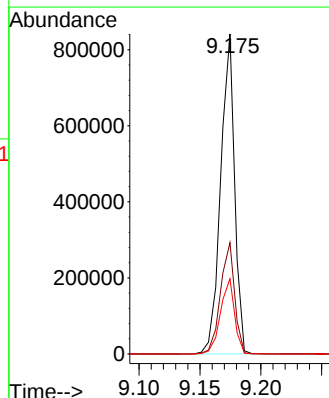
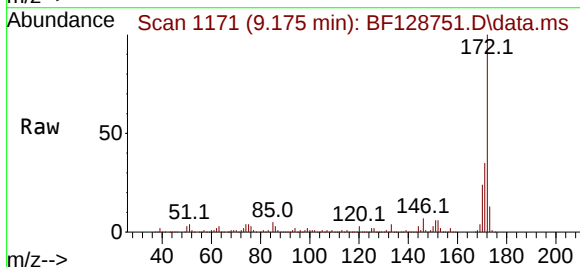
Tgt Ion:172 Resp: 673456

Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.5 19.8 29.8

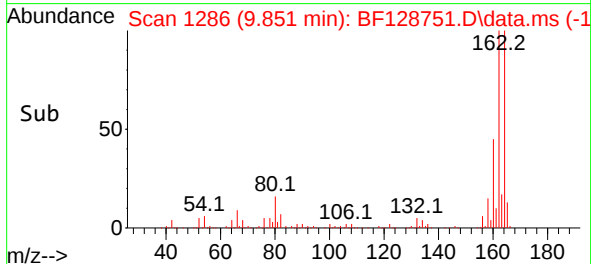
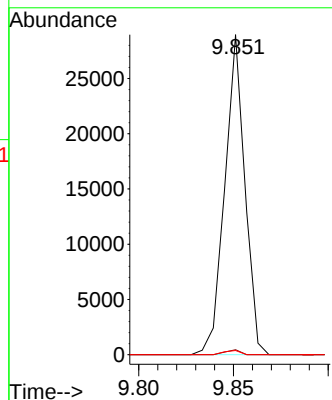
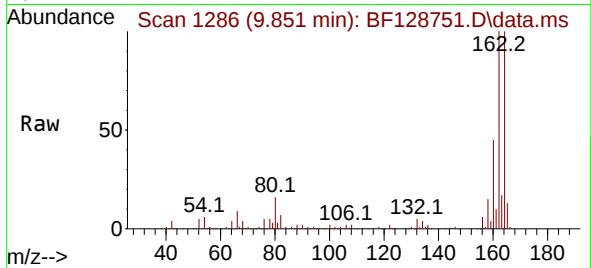




#51
2,6-Dinitrotoluene
Concen: 9.334 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.206 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

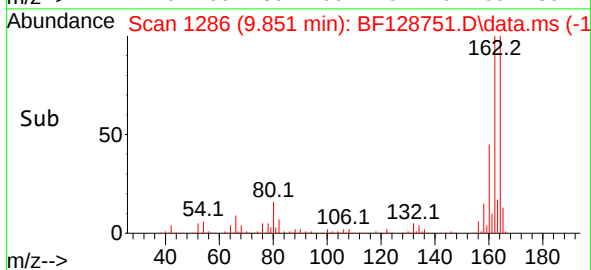
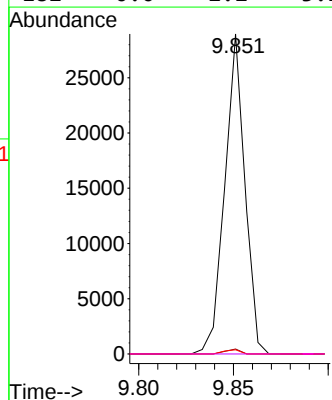
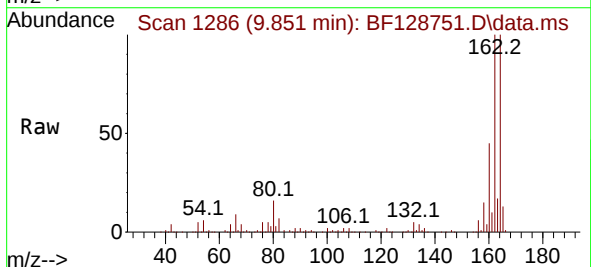
Instrument :
BNA_F
ClientSampleId :
TP-5A

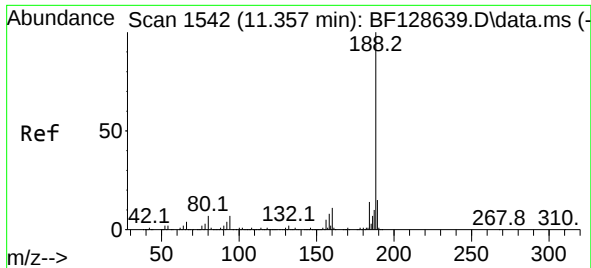
Tgt Ion:165 Resp: 21398
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.994 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.194 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

Tgt Ion:165 Resp: 21398
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

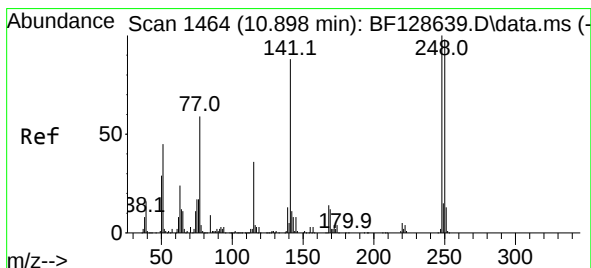
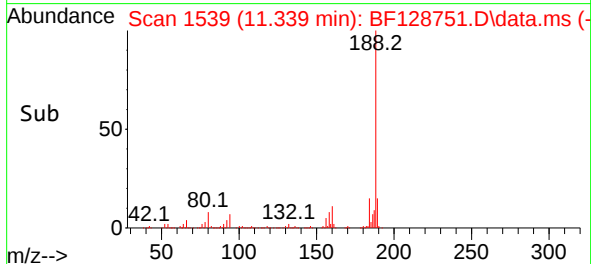
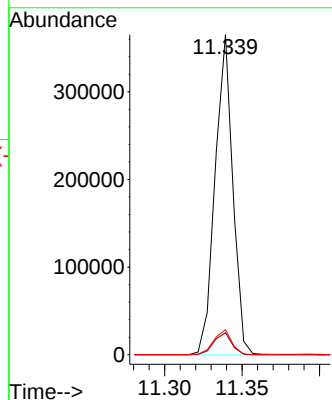
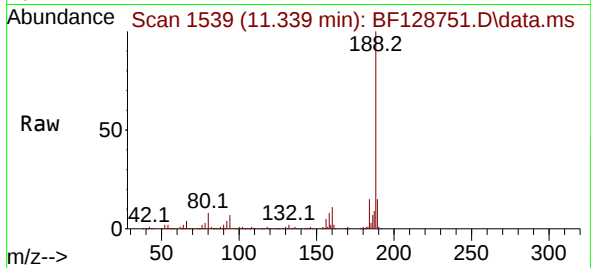




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

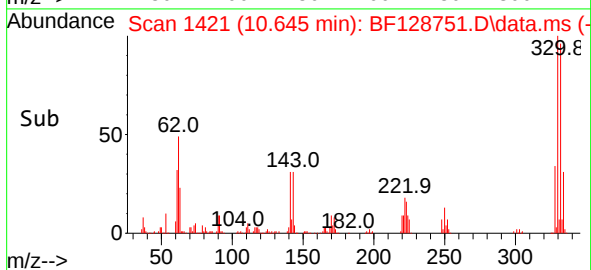
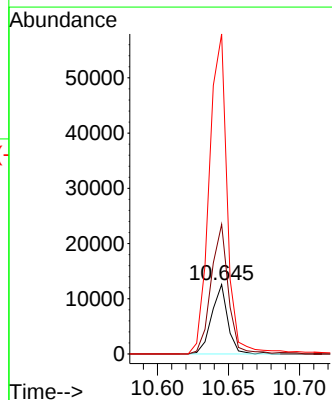
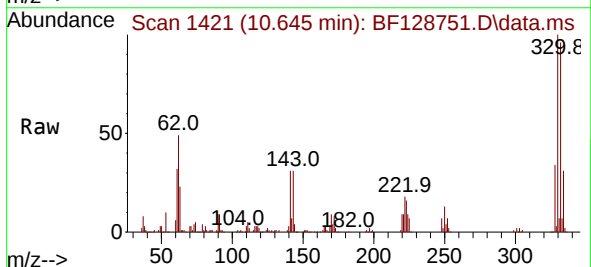
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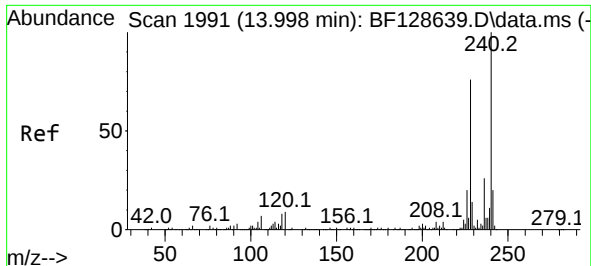
Tgt Ion:188 Resp: 289910
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.072 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.241 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

Tgt Ion:248 Resp: 9931
Ion Ratio Lower Upper
248 100
250 186.8 80.6 120.8#
141 461.1 58.9 88.3#

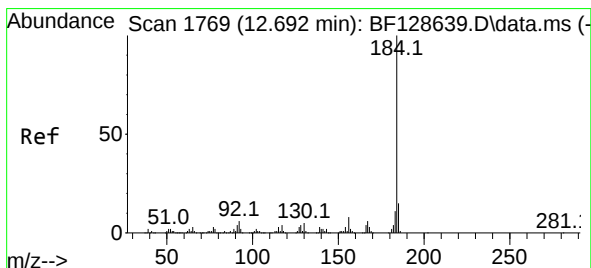
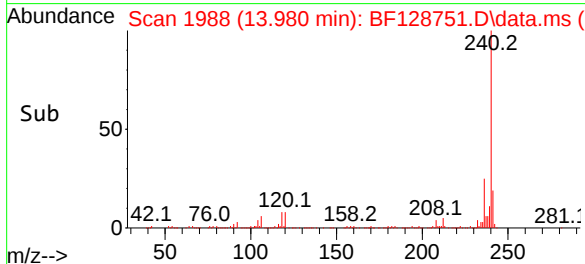
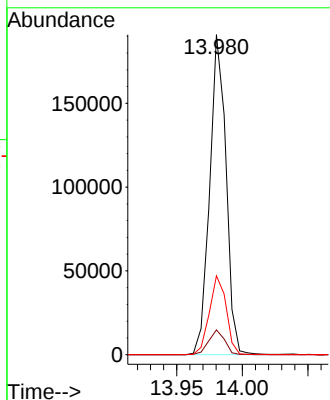
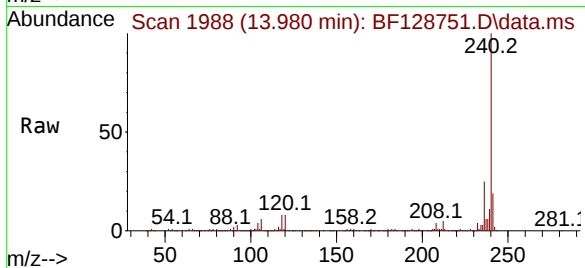




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

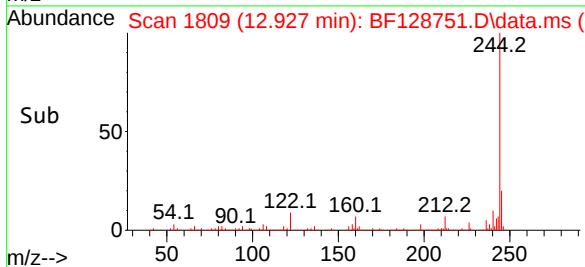
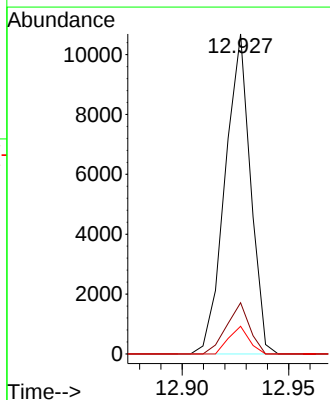
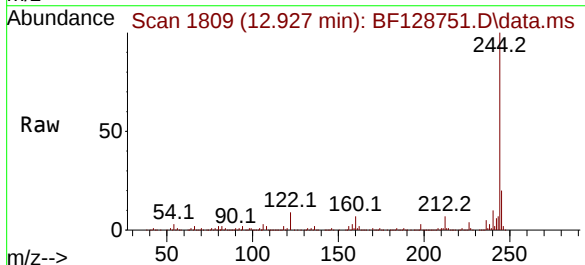
Instrument :
BNA_F
ClientSampleId :
TP-5A

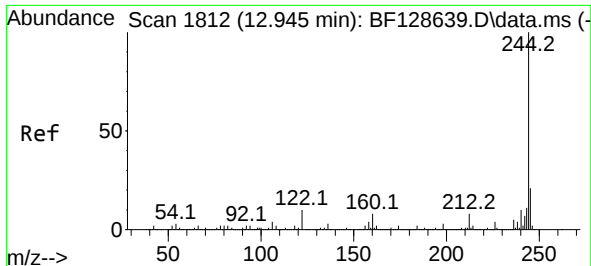
Tgt Ion:240 Resp: 165591
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 24.7 20.8 31.2



#77
Benzidine
Concen: 2.692 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF128751.D
Acq: 09 Jun 2022 17:20

Tgt Ion:184 Resp: 8886
Ion Ratio Lower Upper
184 100
185 16.0 11.9 17.9
183 8.7 9.3 13.9#

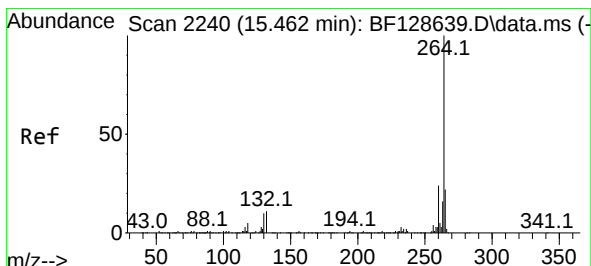
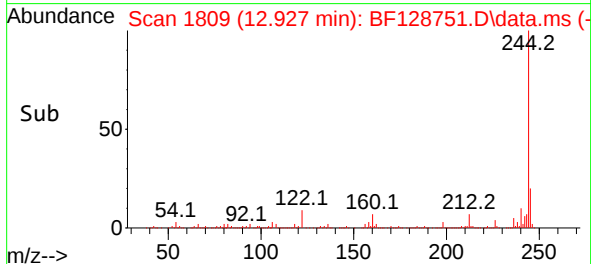
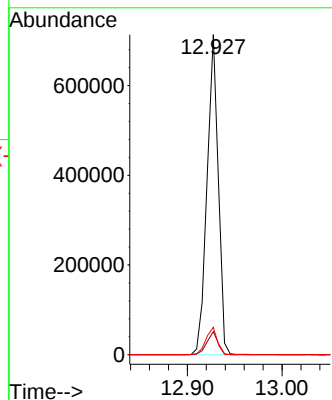
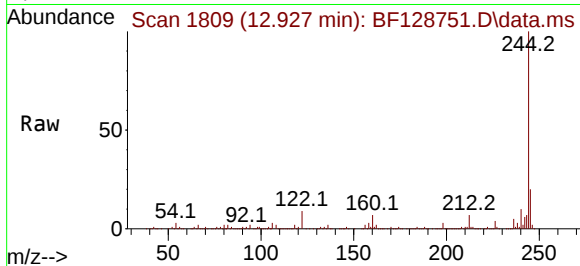




#79
 Terphenyl-d14
 Concen: 61.377 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF128751.D
 Acq: 09 Jun 2022 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-5A

Tgt Ion:244 Resp: 584904
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.6 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2237
 Delta R.T. -0.000 min
 Lab File: BF128751.D
 Acq: 09 Jun 2022 17:20

Tgt Ion:264 Resp: 165289
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 20.5 17.2 25.8

