

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128506.D
 Acq On : 27 May 2022 13:08
 Operator : CG\JU
 Sample : N2922-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-0612-01

Quant Time: May 27 23:18:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

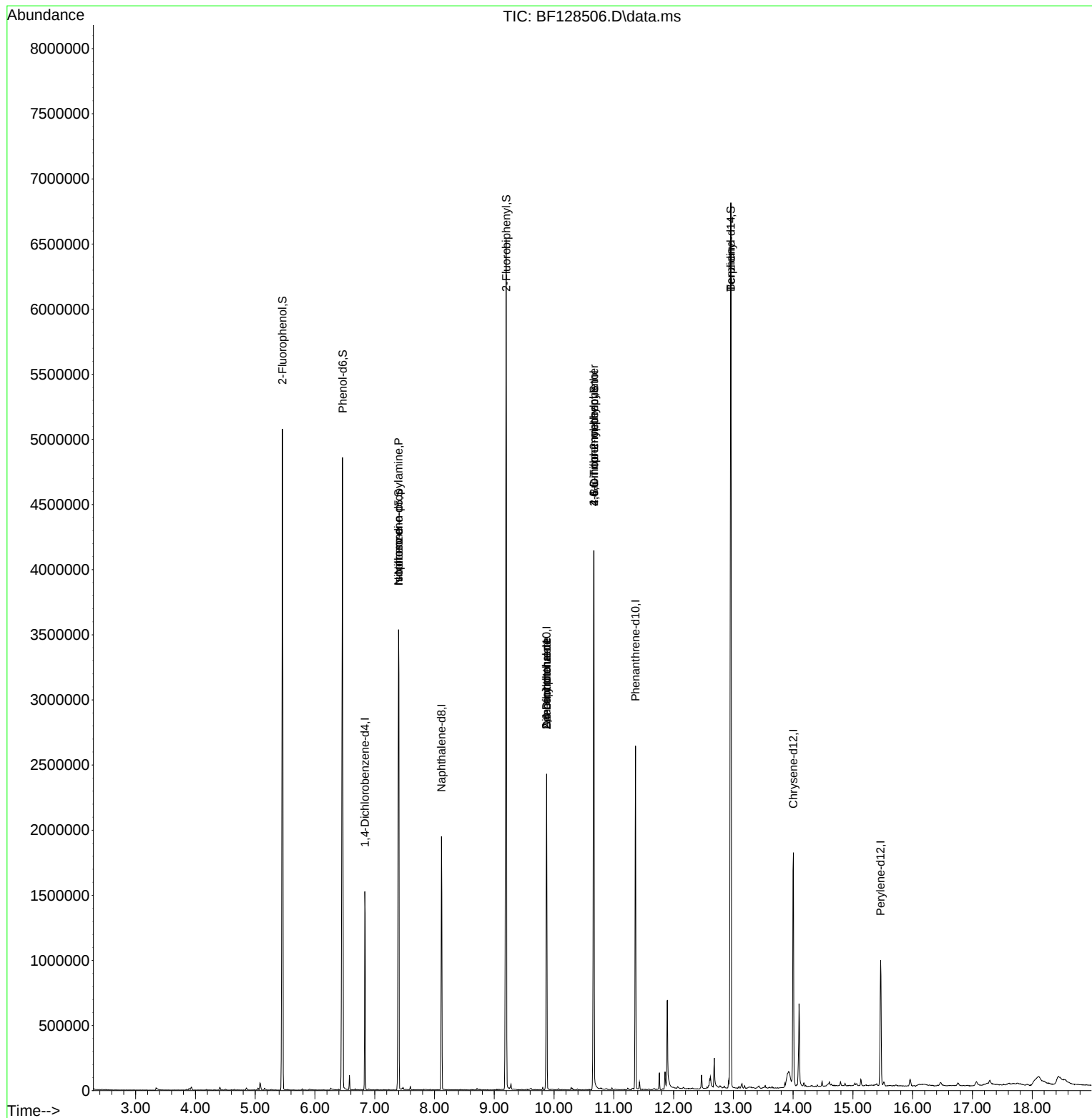
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	215942	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	844702	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	489228	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	919176	20.000	ng	0.00
76) Chrysene-d12	14.004	240	616588	20.000	ng	0.00
86) Perylene-d12	15.463	264	435117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1514790	116.194	ng	0.00
7) Phenol-d6	6.463	99	1939423	116.676	ng	0.00
23) Nitrobenzene-d5	7.398	82	1309824	89.453	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	578598	124.253	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2421744	80.422	ng	0.00
79) Terphenyl-d14	12.957	244	2745536	86.026	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	164	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	179084	17.571	ng	# 79
25) Isophorone	7.398	82	1307286	48.397	ng	# 65
50) Dimethylphthalate	9.875	163	86450	2.724	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	62955	10.824	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	62955	9.048	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1608	5.837	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	37808	3.981	ng	# 1
77) Benzidine	12.957	184	40078	2.818	ng	# 93

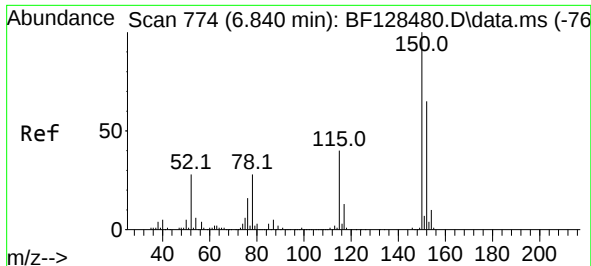
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
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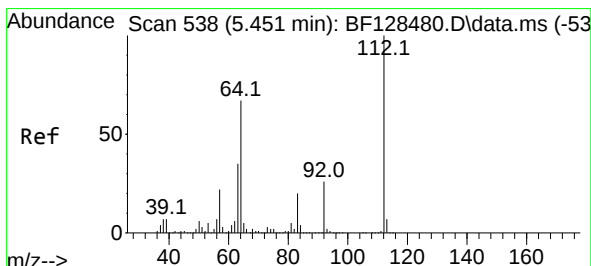
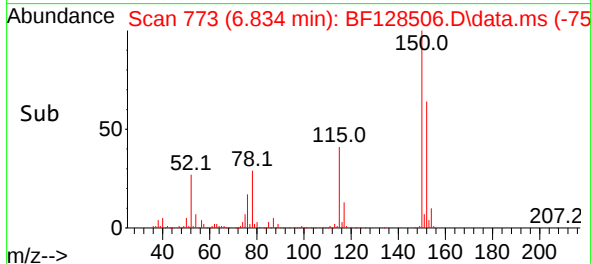
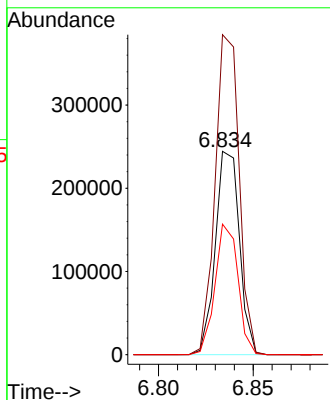
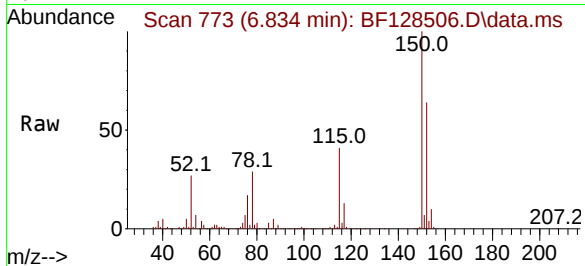




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

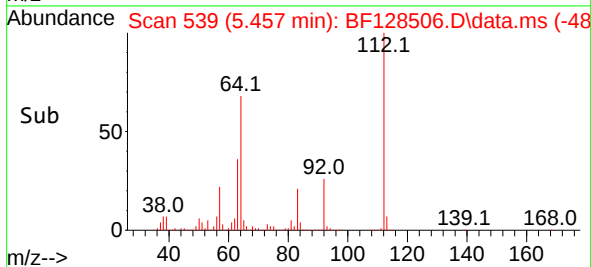
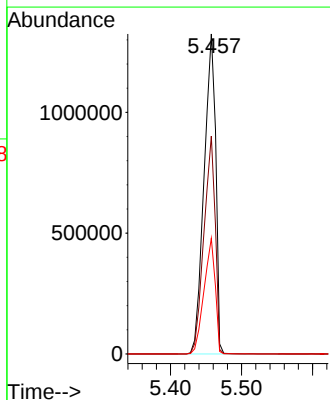
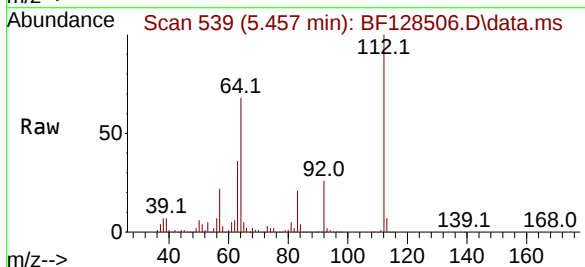
Instrument :
BNA_F
ClientSampleId :
P024-SS001-0612-01

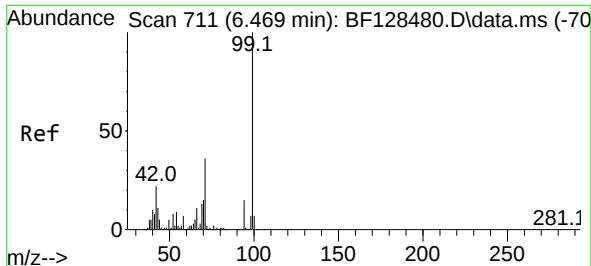
Tgt Ion:152 Resp: 215942
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 116.194 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

Tgt Ion:112 Resp: 1514790
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 36.2 28.0 42.0



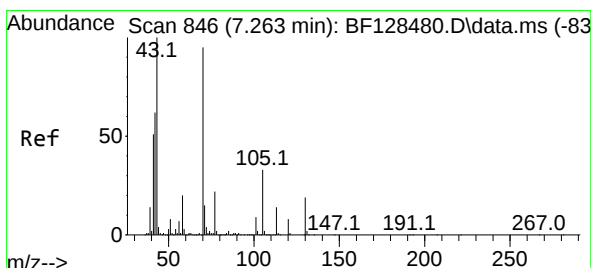
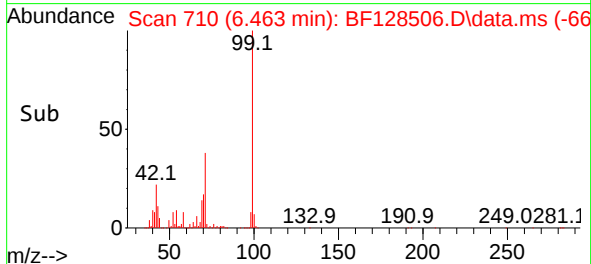
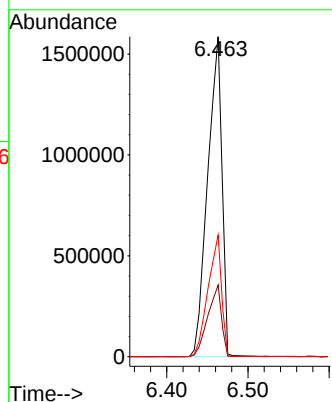
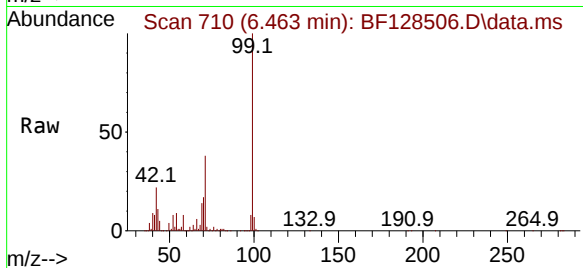


#7
Phenol-d6
Concen: 116.676 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

Instrument :
BNA_F
ClientSampleId :
P024-SS001-0612-01

Tgt Ion: 99 Resp: 1939423

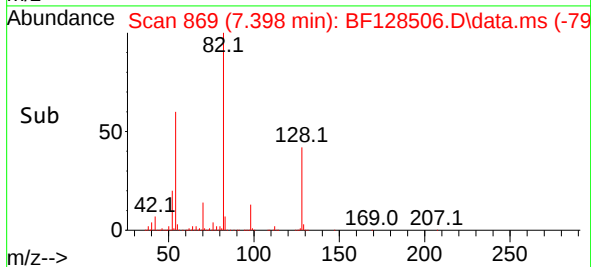
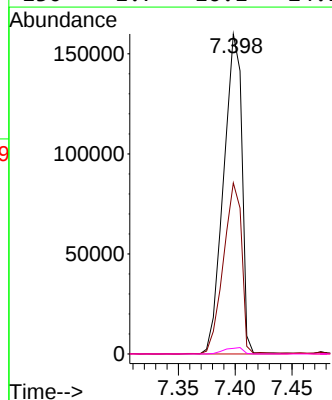
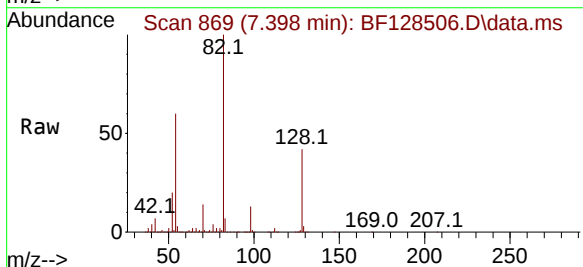
Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.3	25.9
71	38.0	28.9	43.3

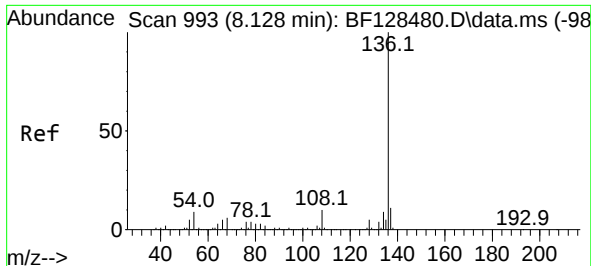


#19
n-Nitroso-di-n-propylamine
Concen: 17.571 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

Tgt Ion: 70 Resp: 179084

Ion	Ratio	Lower	Upper
70	100		
42	53.5	52.3	78.5
101	0.0	7.5	11.3#
130	1.7	16.1	24.1#

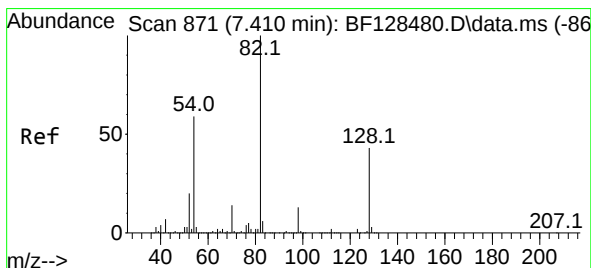
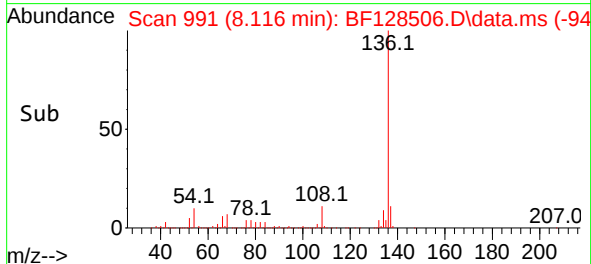
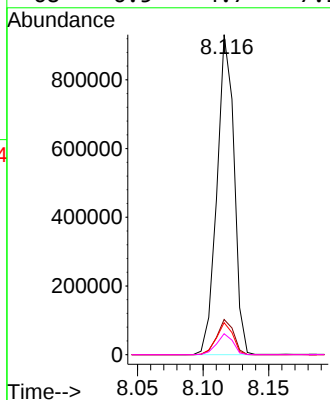
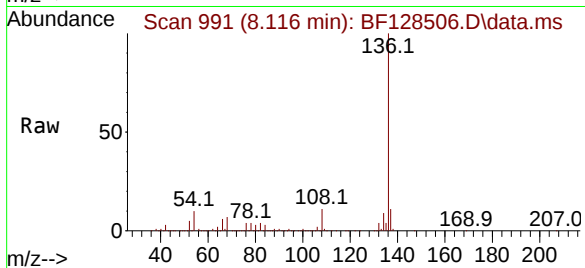




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

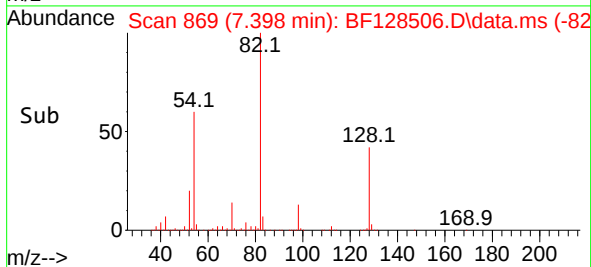
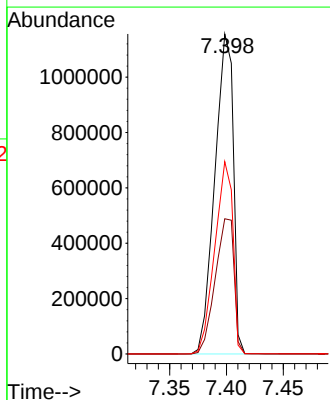
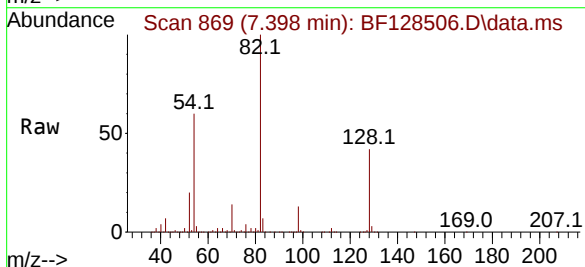
Instrument :
BNA_F
ClientSampleId :
P024-SS001-0612-01

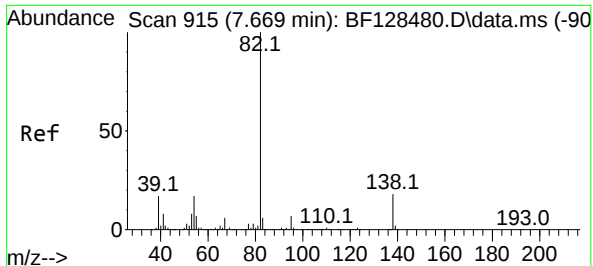
Tgt Ion:136 Resp: 844702
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 89.453 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

Tgt Ion: 82 Resp: 1309824
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 60.1 46.9 70.3

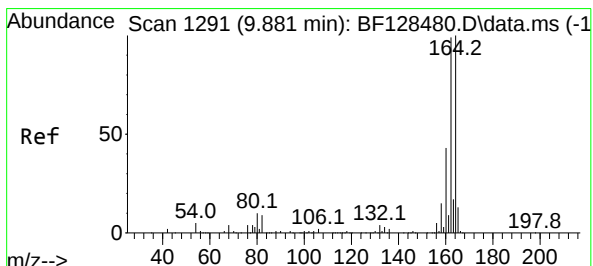
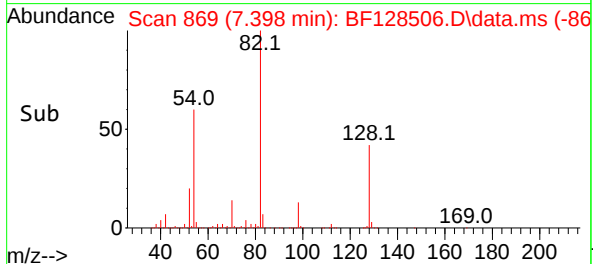
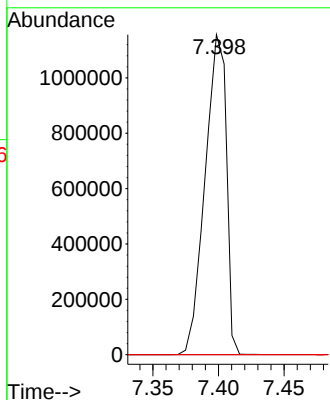
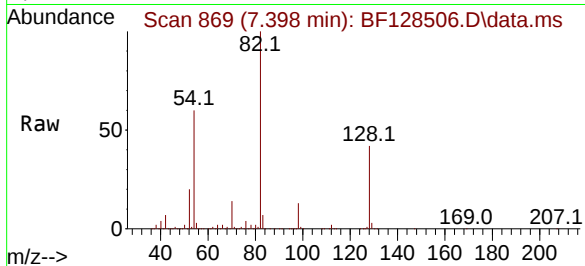




#25
Isophorone
Concen: 48.397 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

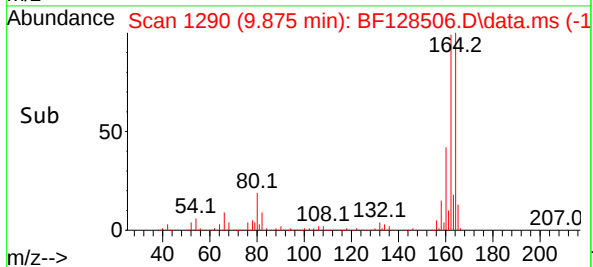
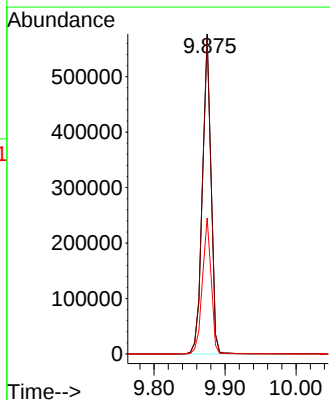
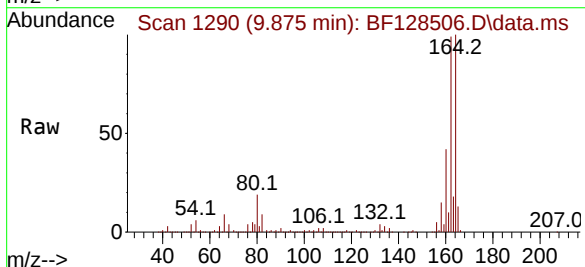
Instrument :
BNA_F
ClientSampleId :
P024-SS001-0612-01

Tgt Ion: 82 Resp: 1307286
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: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

Tgt Ion:164 Resp: 489228
Ion Ratio Lower Upper
164 100
162 98.6 79.5 119.3
160 42.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 124.253 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128506.D

Acq: 27 May 2022 13:08

Instrument :

BNA_F

ClientSampleId :

P024-SS001-0612-01

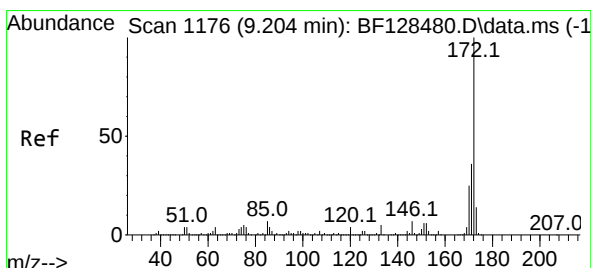
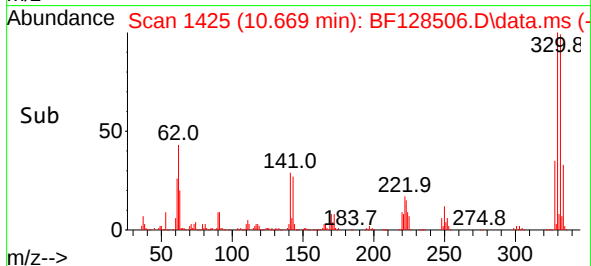
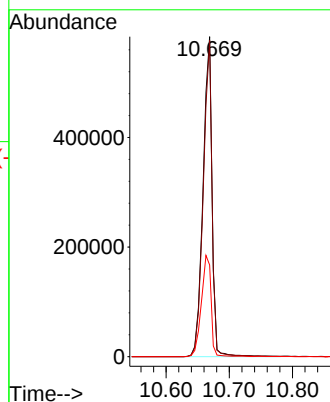
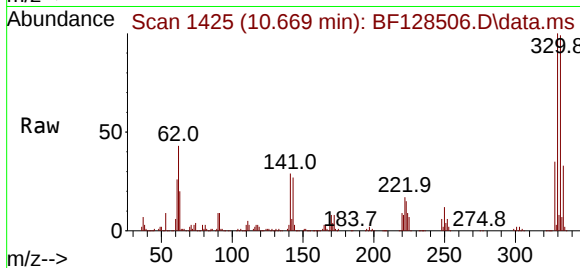
Tgt Ion:330 Resp: 578598

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.422 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128506.D

Acq: 27 May 2022 13:08

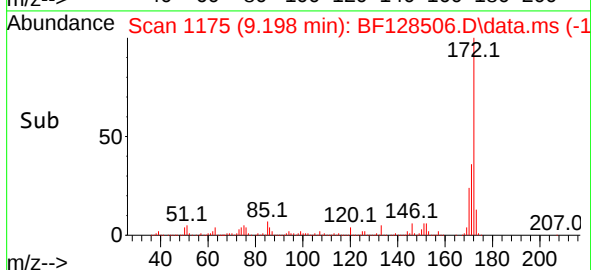
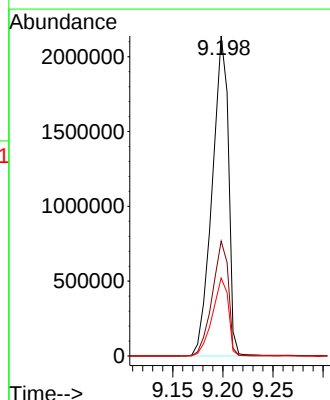
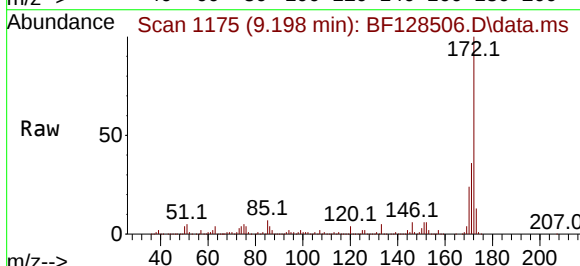
Tgt Ion:172 Resp: 2421744

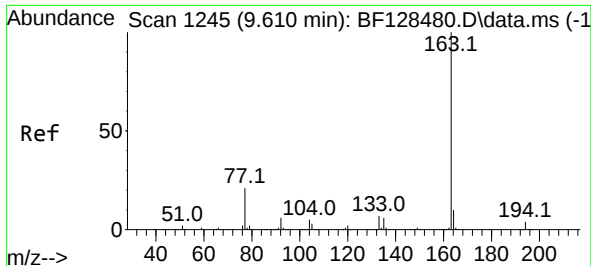
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.3 19.8 29.8

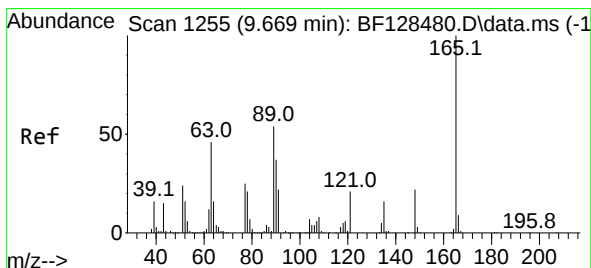
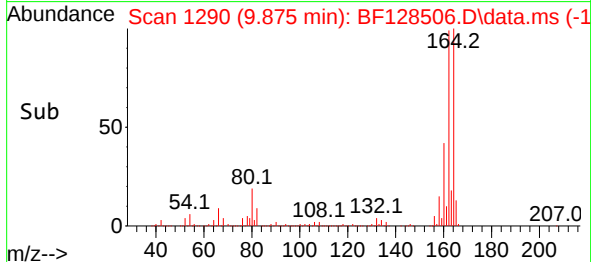
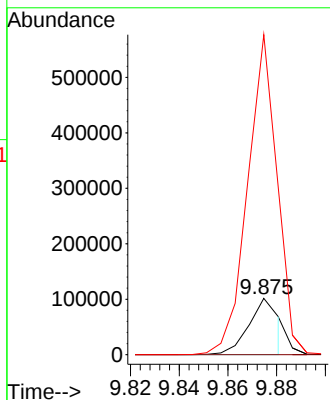
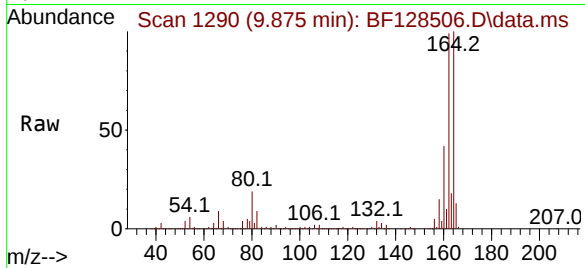




#50
Dimethylphthalate
Concen: 2.724 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

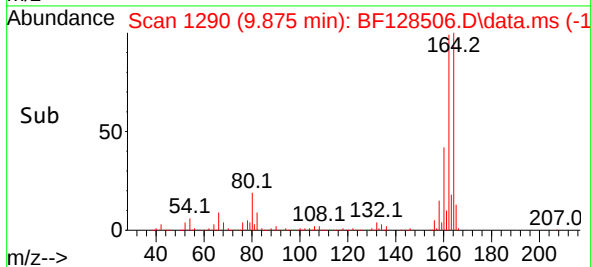
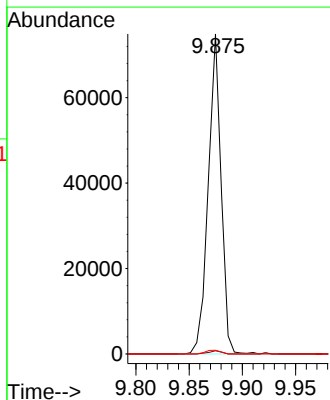
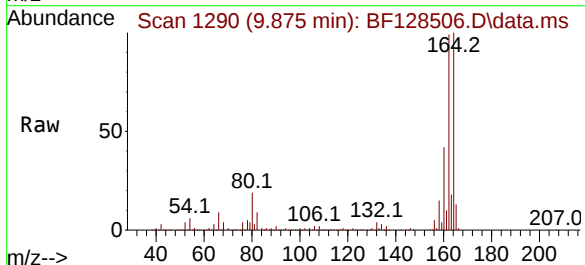
Instrument :
BNA_F
ClientSampleId :
P024-SS001-0612-01

Tgt Ion:163 Resp: 86450
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 568.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.824 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

Tgt Ion:165 Resp: 62955
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.2 43.6 65.4#

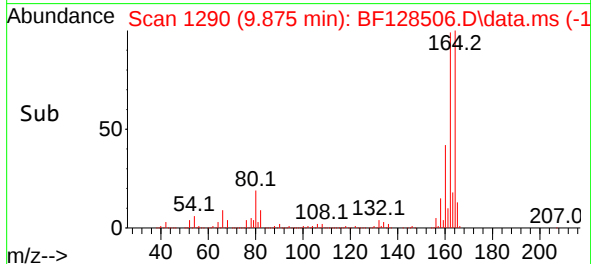
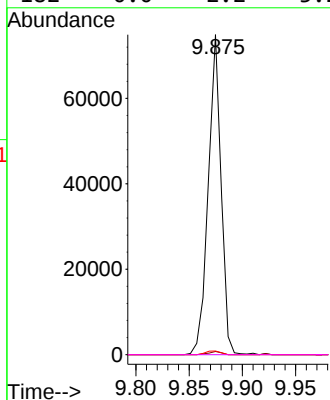
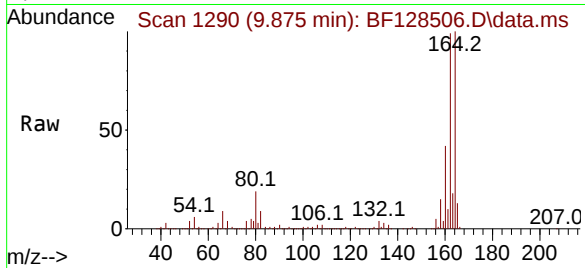




#57
2,4-Dinitrotoluene
Concen: 9.048 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

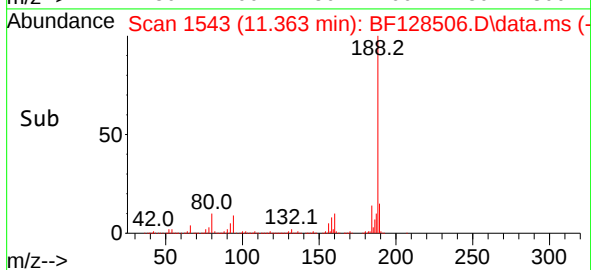
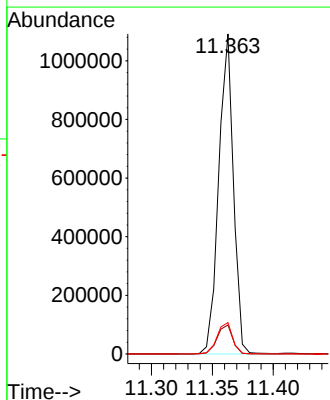
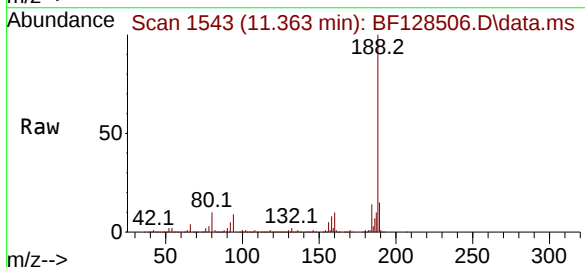
Instrument :
BNA_F
ClientSampleId :
P024-SS001-0612-01

Tgt Ion:165 Resp: 62955
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

Tgt Ion:188 Resp: 919176
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.8 7.6 11.4

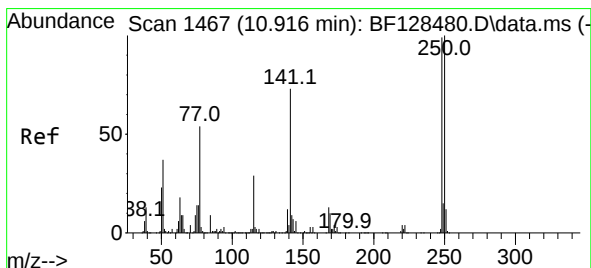
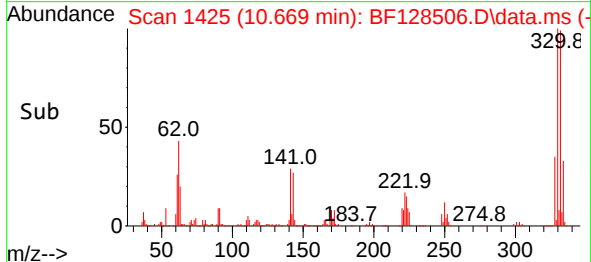
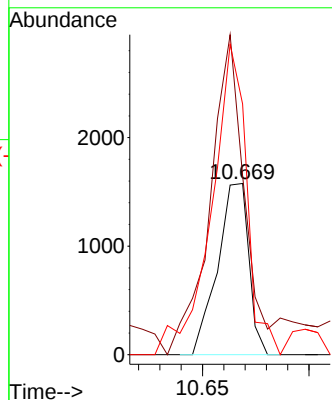
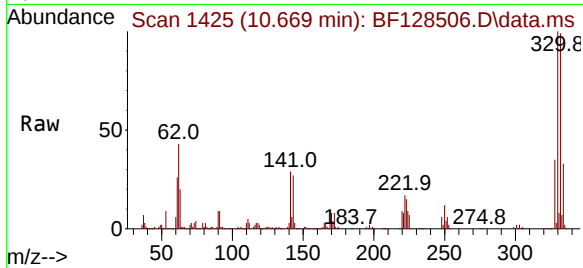




#65
4,6-Dinitro-2-methylphenol
Concen: 5.837 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

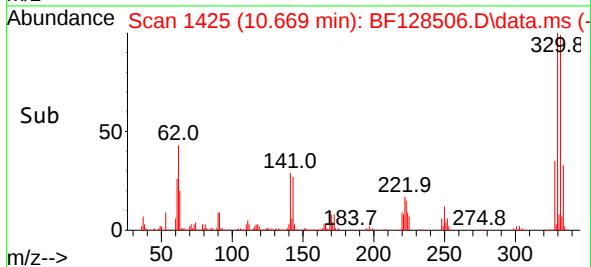
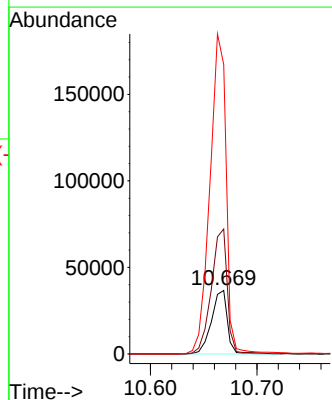
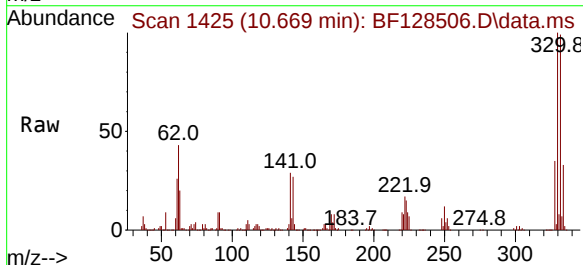
Instrument :
BNA_F
ClientSampleId :
P024-SS001-0612-01

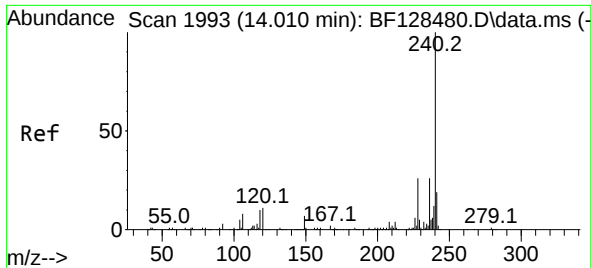
Tgt Ion:198 Resp: 1608
Ion Ratio Lower Upper
198 100
51 104.6 37.6 77.6#
105 146.4 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.981 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

Tgt Ion:248 Resp: 37808
Ion Ratio Lower Upper
248 100
250 196.6 80.6 120.8#
141 455.4 58.9 88.3#

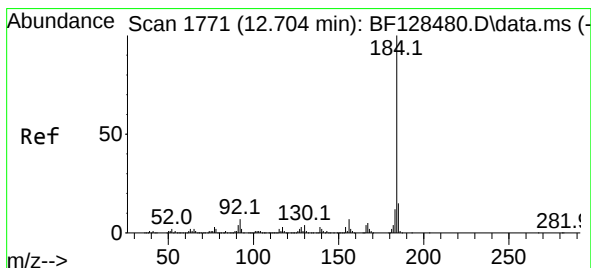
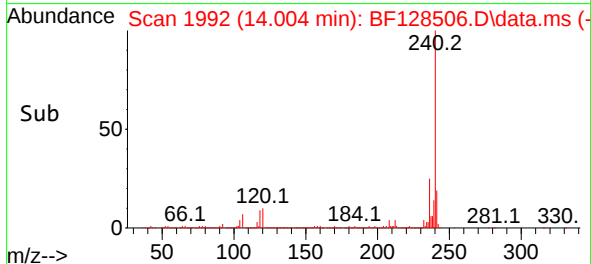
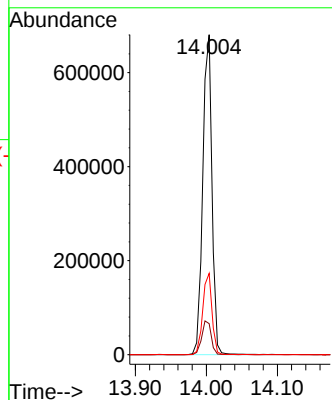
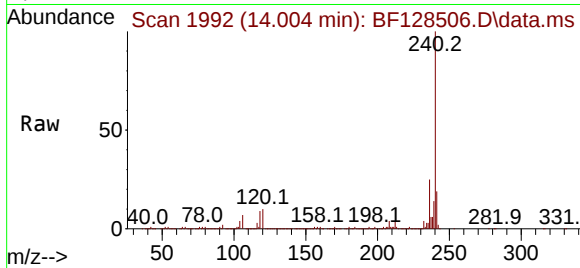




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

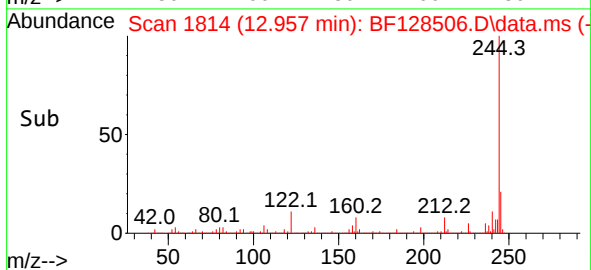
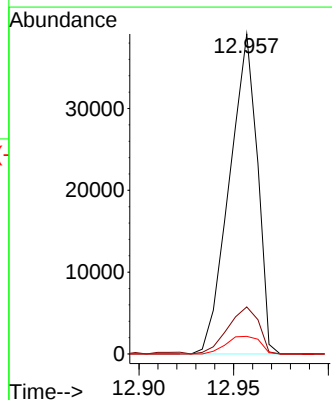
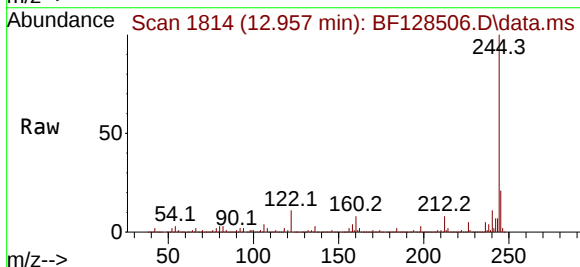
Instrument :
BNA_F
ClientSampleId :
P024-SS001-0612-01

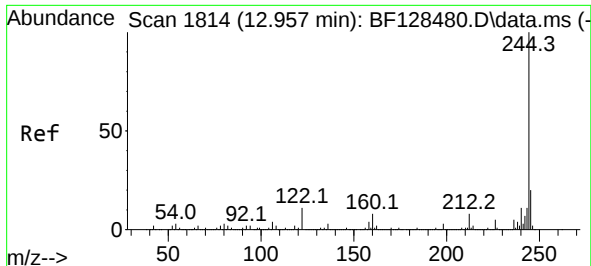
Tgt Ion:240 Resp: 616588
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.4 20.8 31.2



#77
Benzidine
Concen: 2.818 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128506.D
Acq: 27 May 2022 13:08

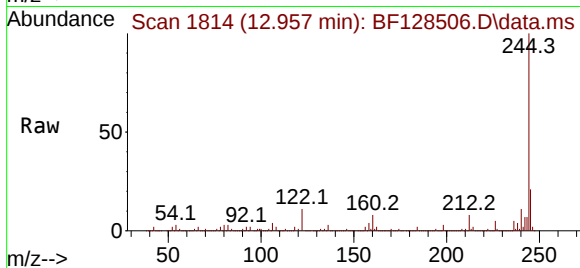
Tgt Ion:184 Resp: 40078
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 5.5 9.3 13.9#



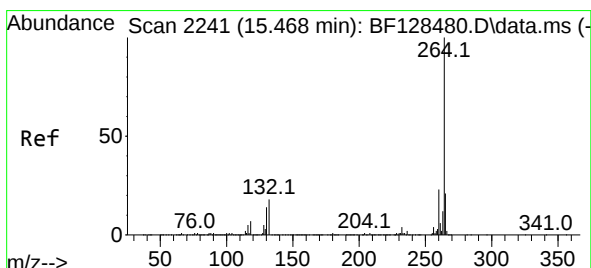
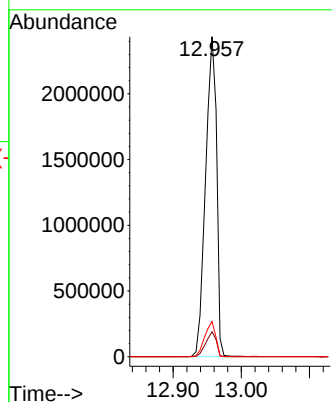
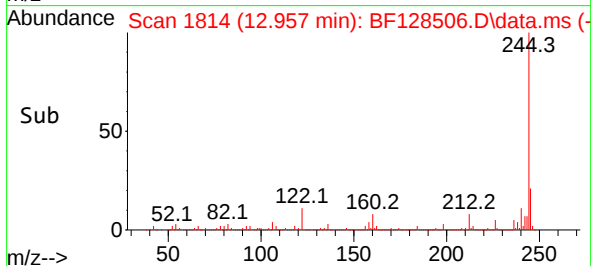


#79
 Terphenyl-d14
 Concen: 86.026 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF128506.D
 Acq: 27 May 2022 13:08

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-0612-01



Tgt Ion:244 Resp: 2745536
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128506.D
 Acq: 27 May 2022 13:08

Tgt Ion:264 Resp: 435117
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.0 17.2 25.8

