

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128551.D
 Acq On : 28 May 2022 16:36
 Operator : CG\JU
 Sample : N2933-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-2430-01

Quant Time: May 28 22:42:59 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)

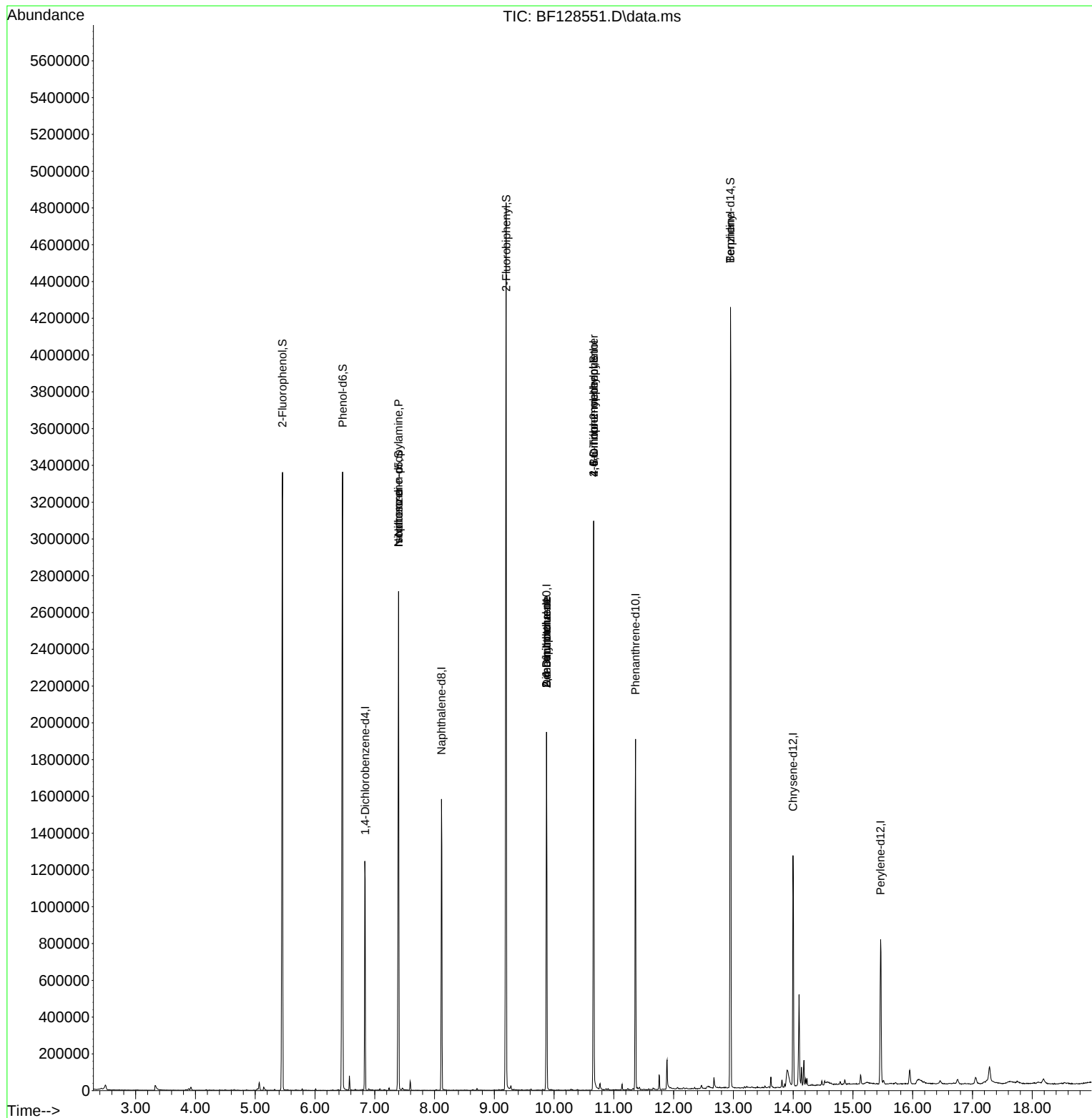
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	178091	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	674975	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	372290	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	674667	20.000	ng	0.00
76) Chrysene-d12	13.998	240	426897	20.000	ng	-0.01
86) Perylene-d12	15.462	264	357284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	945905	87.978	ng	0.00
7) Phenol-d6	6.463	99	1218670	88.898	ng	0.00
23) Nitrobenzene-d5	7.398	82	825608	70.562	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	348350	98.305	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1551882	67.723	ng	0.00
79) Terphenyl-d14	12.951	244	1546924	70.007	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	545	Below Cal	#	45
19) n-Nitroso-di-n-propyla...	7.398	70	112509	13.385	ng	# 78
25) Isophorone	7.398	82	823288	38.143	ng	# 65
50) Dimethylphthalate	9.875	163	65693	2.720	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	49652	11.219	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	49652	9.377	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	846	5.742	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	22725	3.260	ng	# 1
77) Benzidine	12.951	184	22321	2.267	ng	# 93

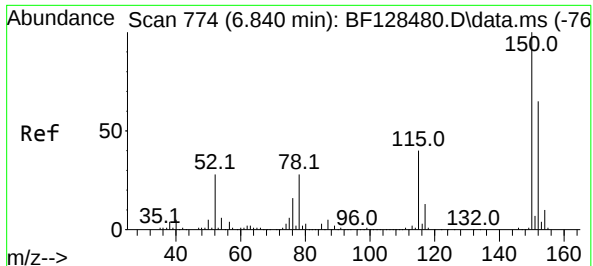
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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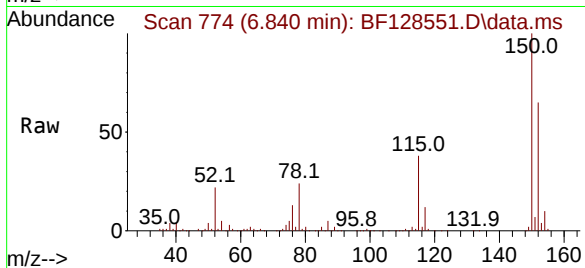
Quant Time: May 28 22:42:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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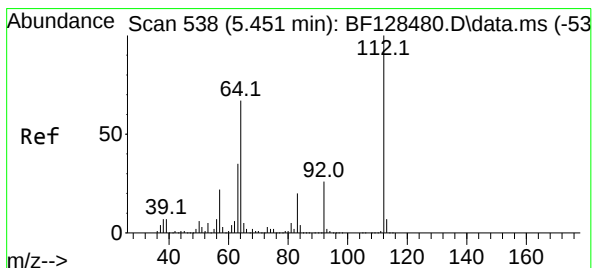
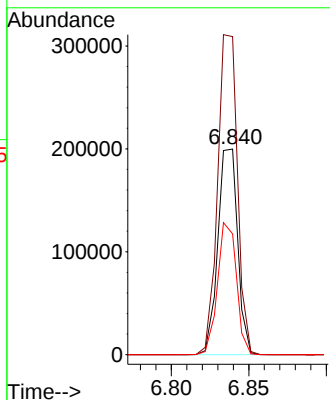
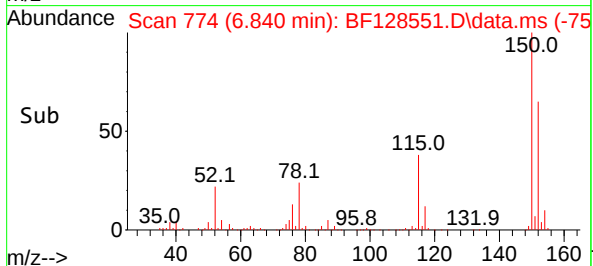


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

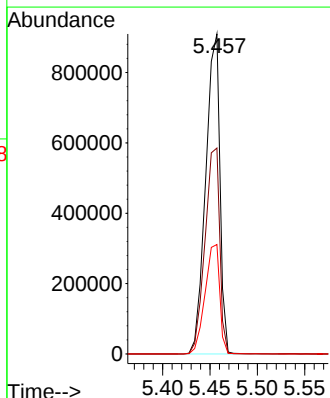
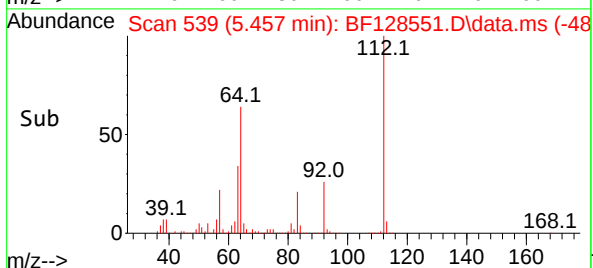
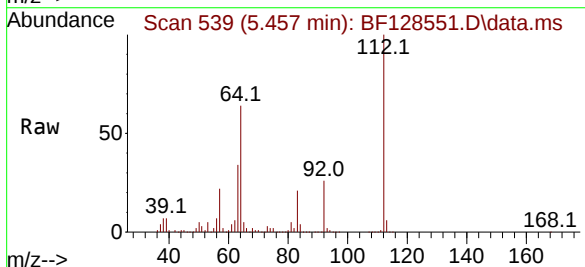


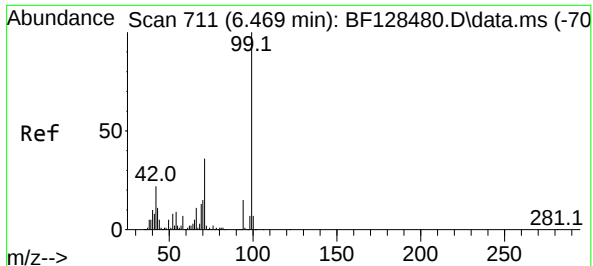
Tgt Ion:152 Resp: 178091
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 58.8 49.9 74.9



#5
2-Fluorophenol
Concen: 87.978 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:112 Resp: 945905
Ion Ratio Lower Upper
112 100
64 64.3 53.3 79.9
63 34.2 28.0 42.0

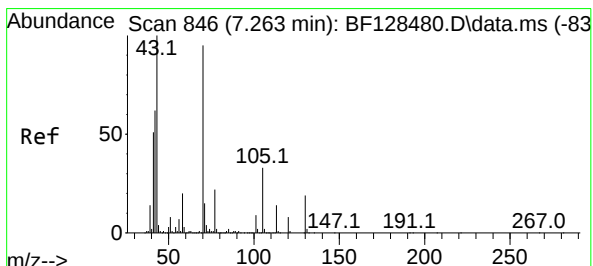
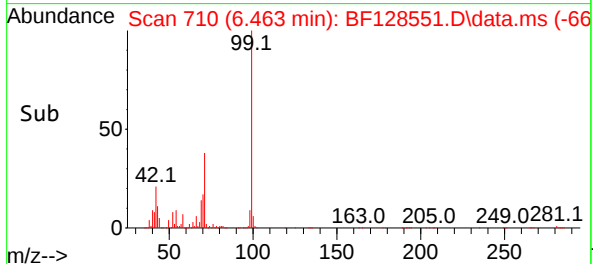
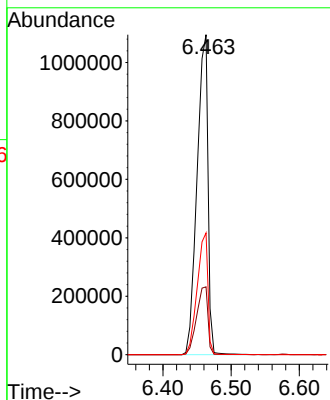
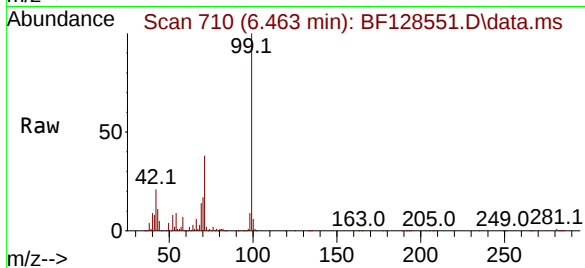




#7
Phenol-d6
Concen: 88.898 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

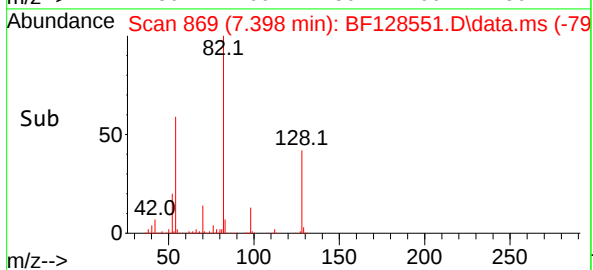
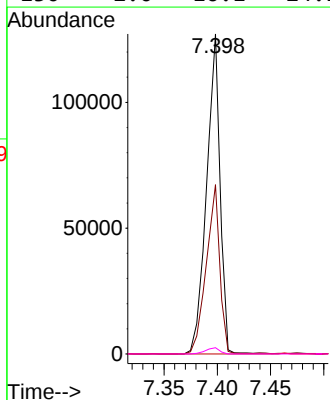
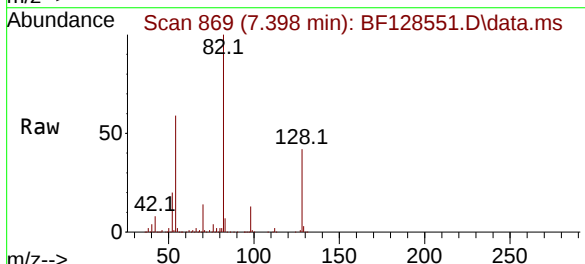
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

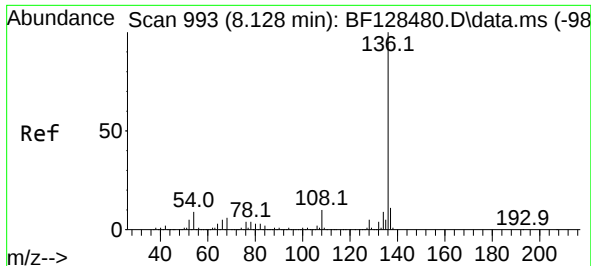
Tgt Ion: 99 Resp: 1218670
Ion Ratio Lower Upper
99 100
42 21.2 17.3 25.9
71 38.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.385 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion: 70 Resp: 112509
Ion Ratio Lower Upper
70 100
42 52.9 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

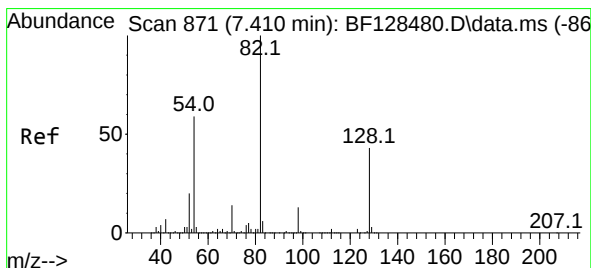
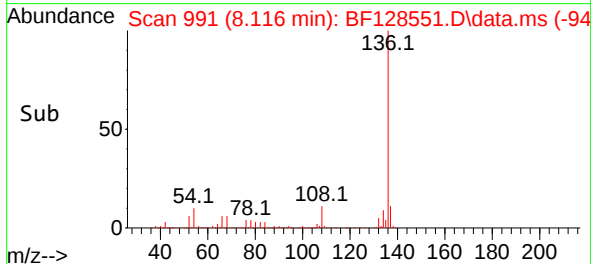
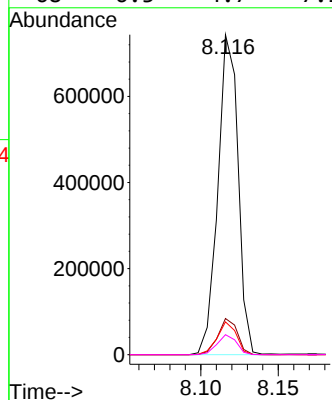
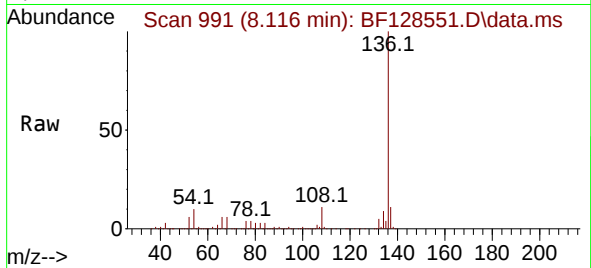




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

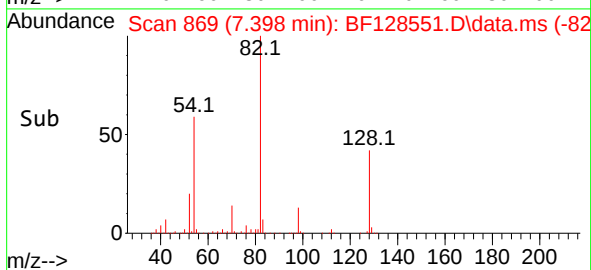
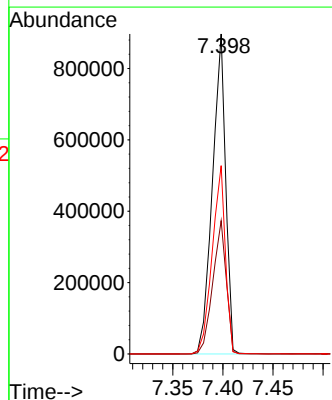
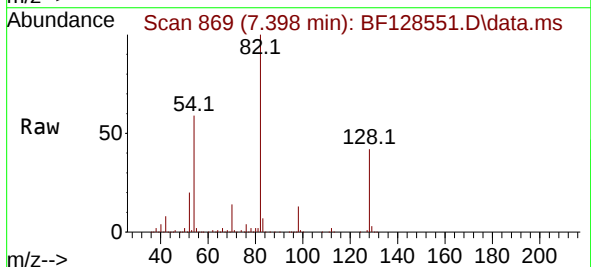
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

Tgt Ion:	136	Resp:	674975
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	10.3	7.5	11.3
68	6.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.562 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:	82	Resp:	825608
Ion Ratio	Lower	Upper	
82	100		
128	41.7	34.0	51.0
54	58.8	46.9	70.3

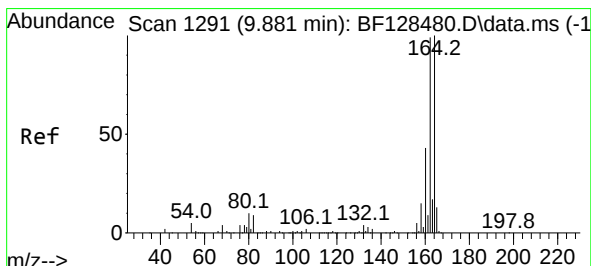
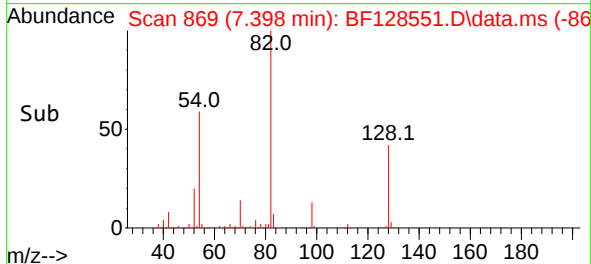
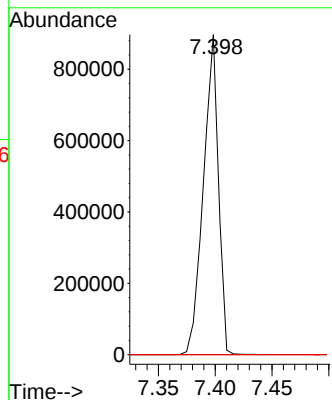
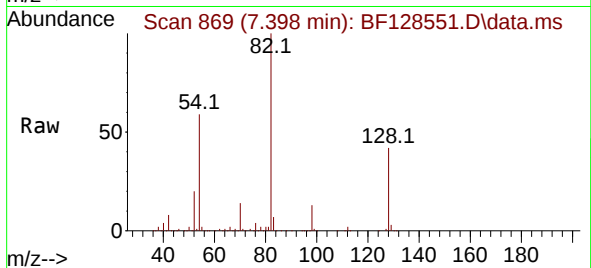




#25
Isophorone
Concen: 38.143 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

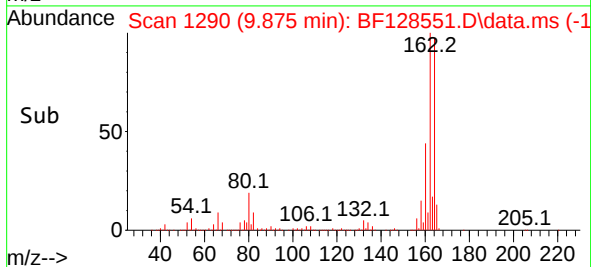
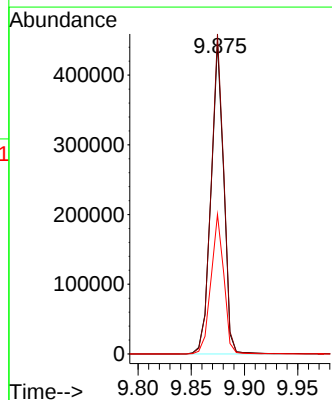
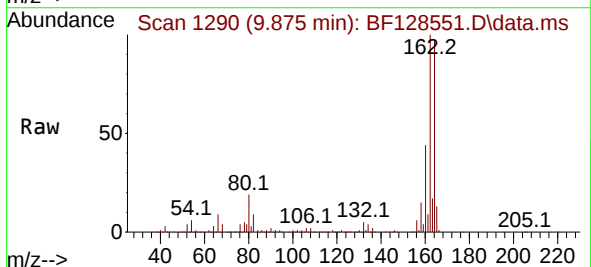
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

Tgt Ion: 82 Resp: 823288
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: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:164 Resp: 372290
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.305 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128551.D

Acq: 28 May 2022 16:36

Instrument :

BNA_F

ClientSampleId :

P023-SS001-2430-01

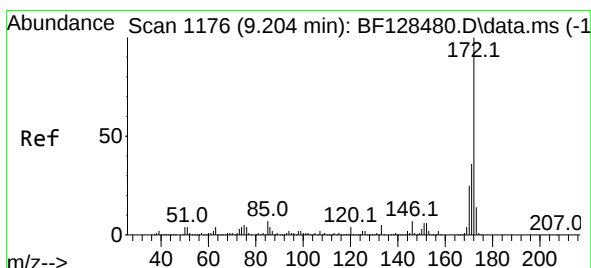
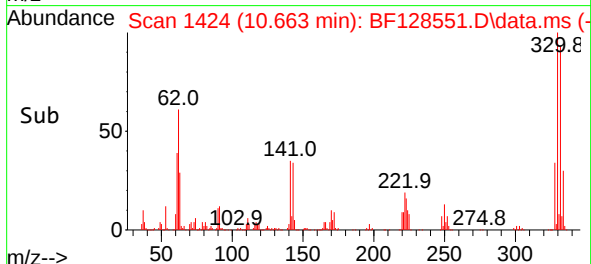
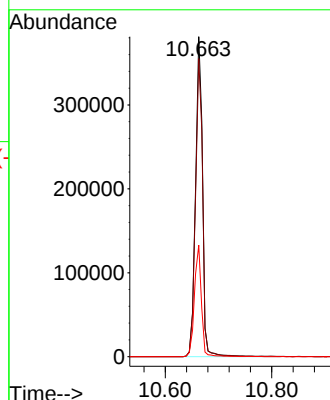
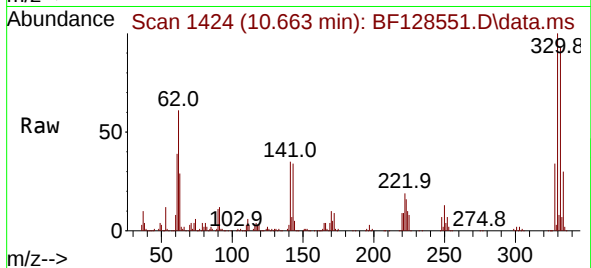
Tgt Ion:330 Resp: 348350

Ion Ratio Lower Upper

330 100

332 95.1 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.723 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128551.D

Acq: 28 May 2022 16:36

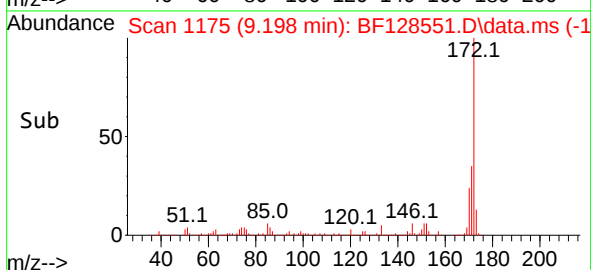
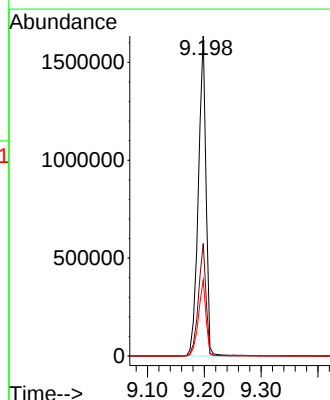
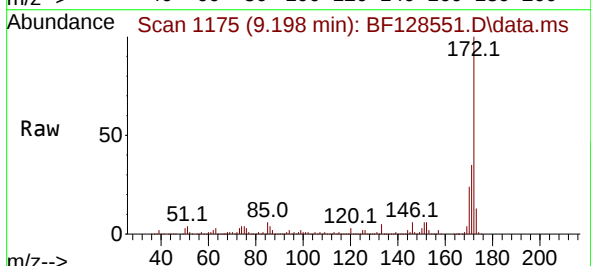
Tgt Ion:172 Resp: 1551882

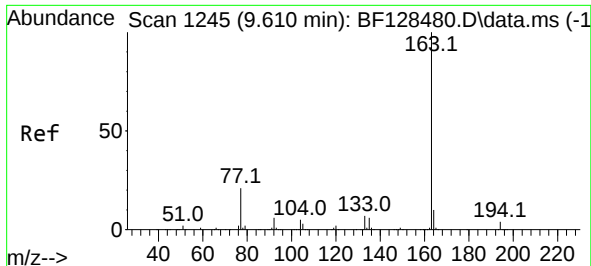
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.8 19.8 29.8

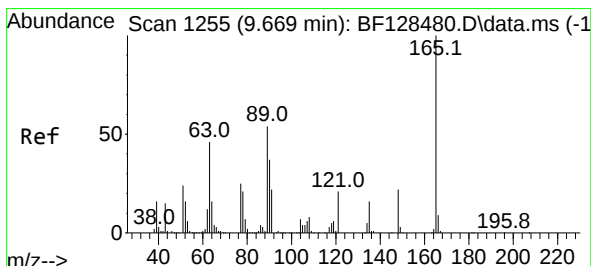
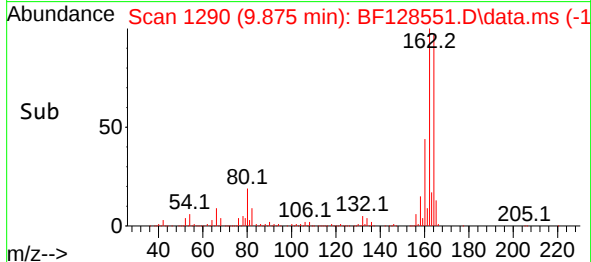
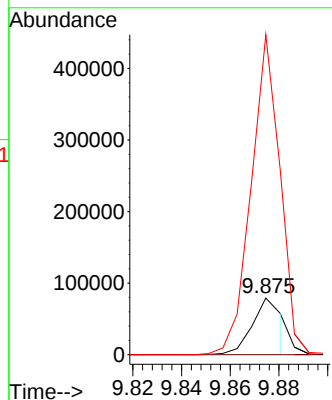
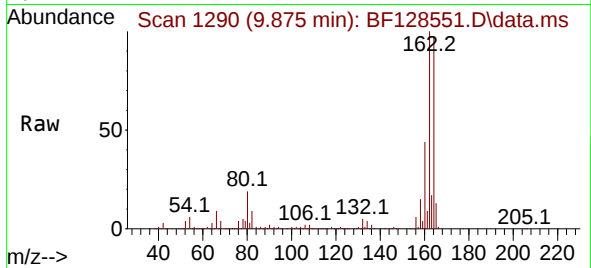




#50
Dimethylphthalate
Concen: 2.720 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

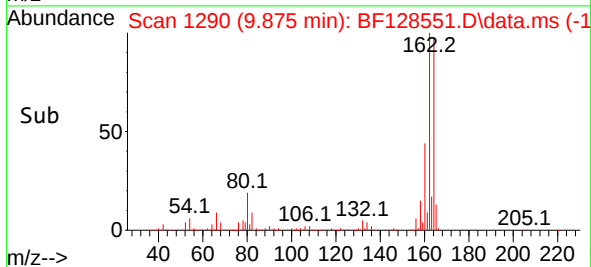
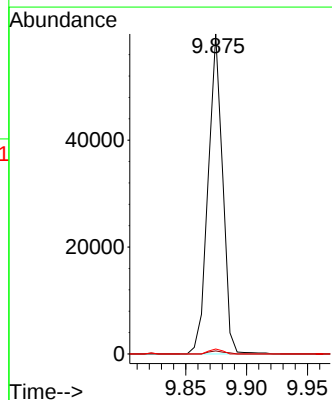
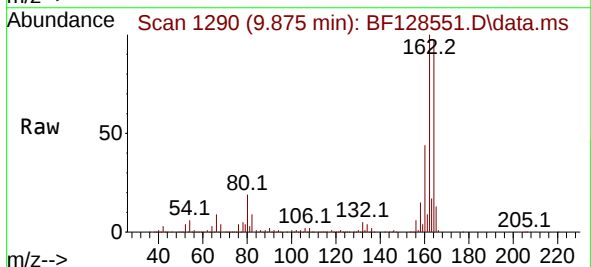
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

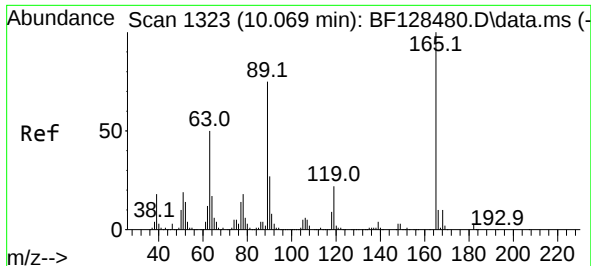
Tgt Ion:163 Resp: 65693
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 565.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 11.219 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:165 Resp: 49652
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.5 43.6 65.4#

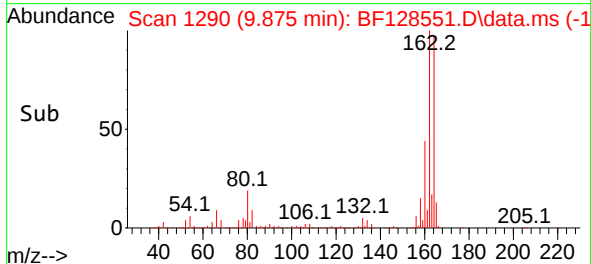
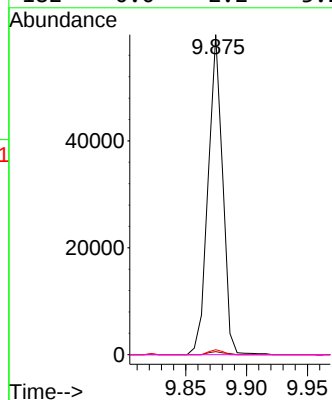
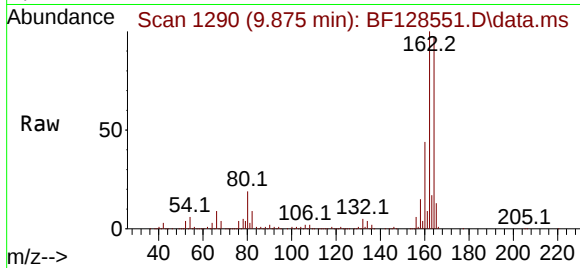




#57
2,4-Dinitrotoluene
Concen: 9.377 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

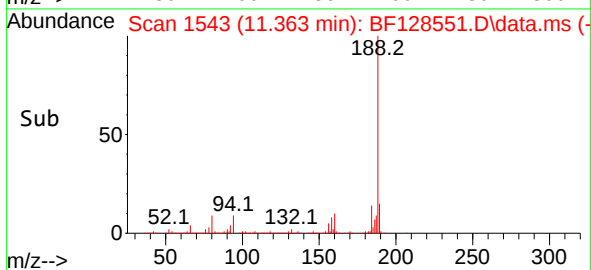
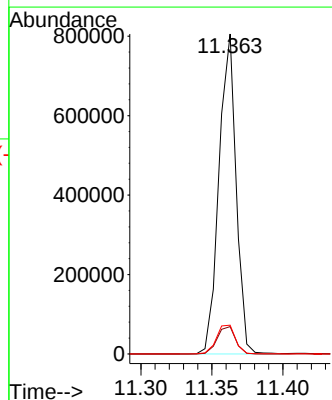
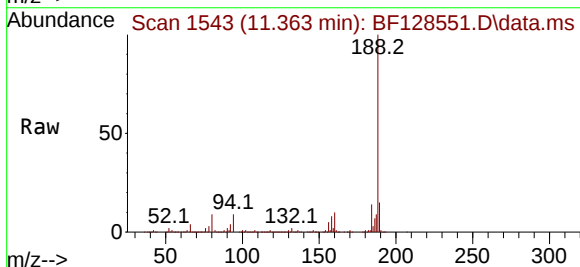
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

Tgt Ion:165 Resp: 49652
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.5 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: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:188 Resp: 674667
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.0 7.6 11.4

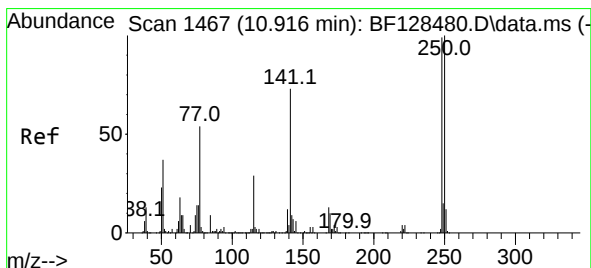
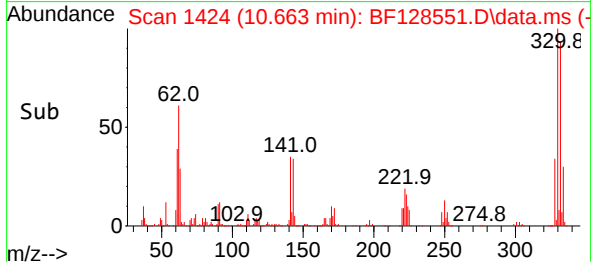
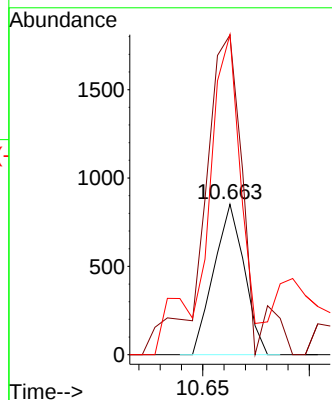
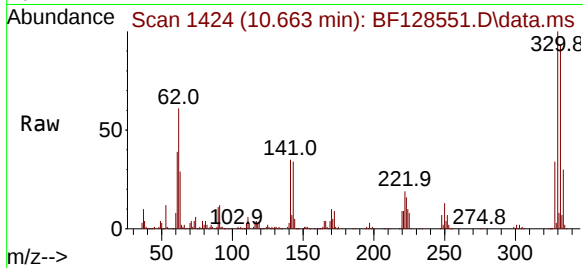




#65
4,6-Dinitro-2-methylphenol
Concen: 5.742 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

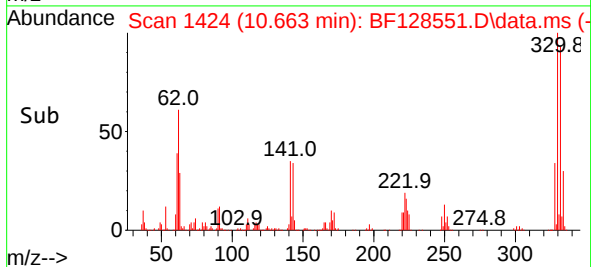
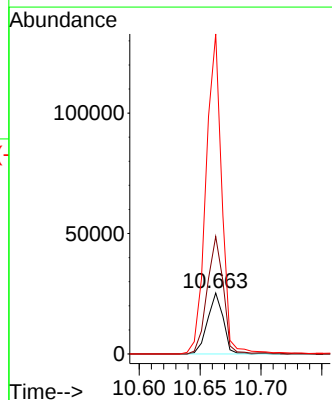
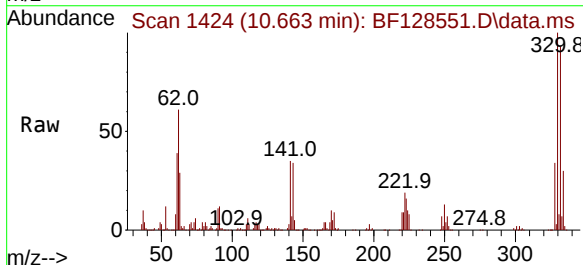
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

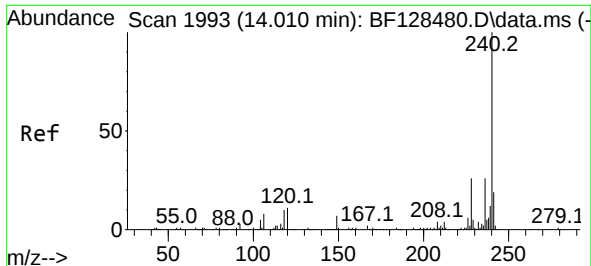
Tgt Ion:198 Resp: 846
Ion Ratio Lower Upper
198 100
51 212.6 37.6 77.6#
105 212.8 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.260 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:248 Resp: 22725
Ion Ratio Lower Upper
248 100
250 192.6 80.6 120.8#
141 524.6 58.9 88.3#

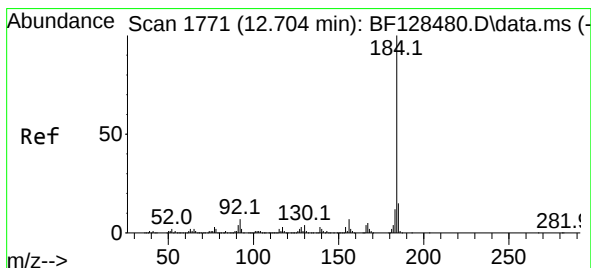
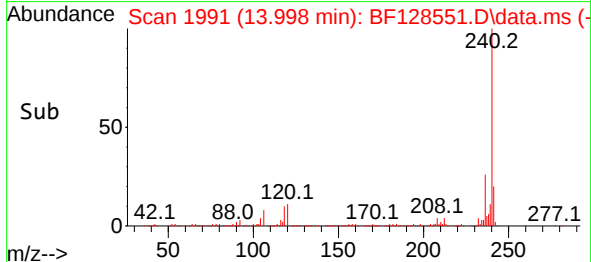
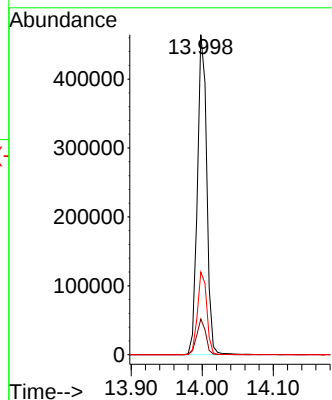
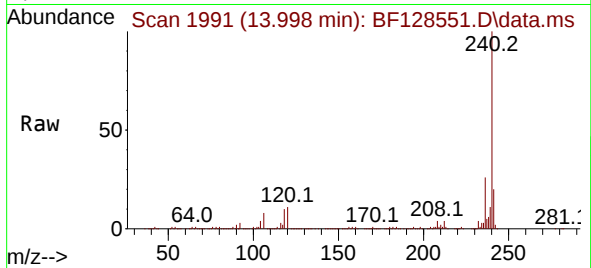




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1813
Delta R.T. -0.012 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

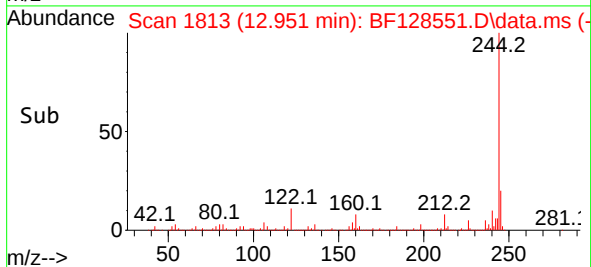
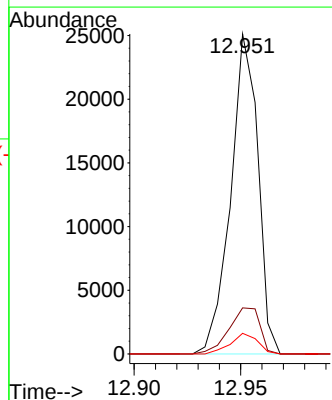
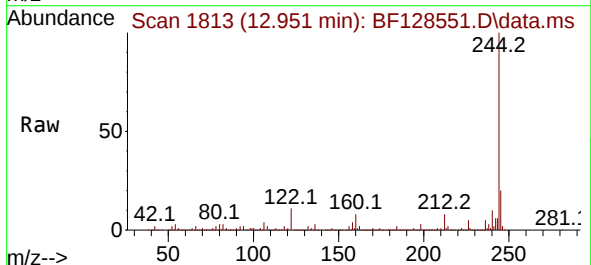
Instrument :
BNA_F
ClientSampleId :
P023-SS001-2430-01

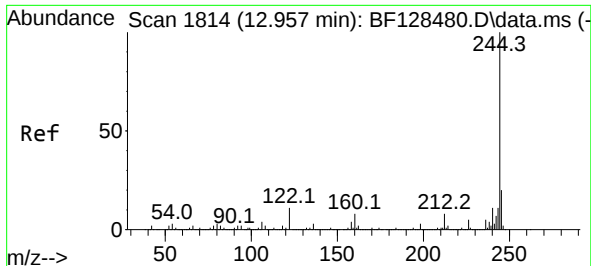
Tgt Ion:240 Resp: 426897
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.8 20.8 31.2



#77
Benzidine
Concen: 2.267 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.247 min
Lab File: BF128551.D
Acq: 28 May 2022 16:36

Tgt Ion:184 Resp: 22321
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 6.5 9.3 13.9#

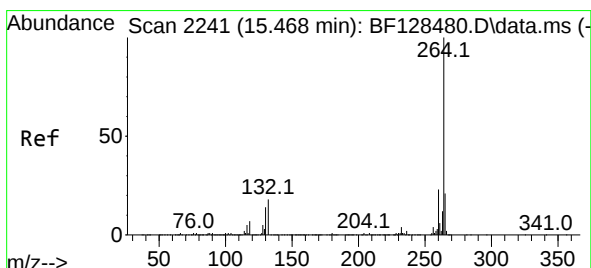
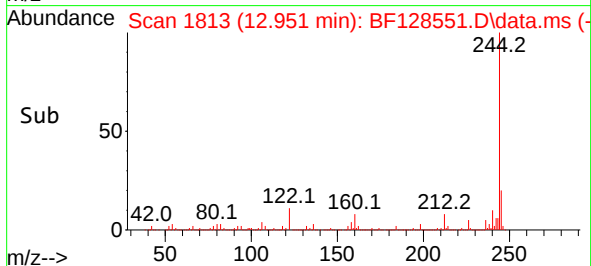
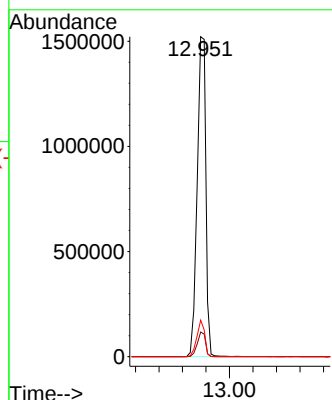
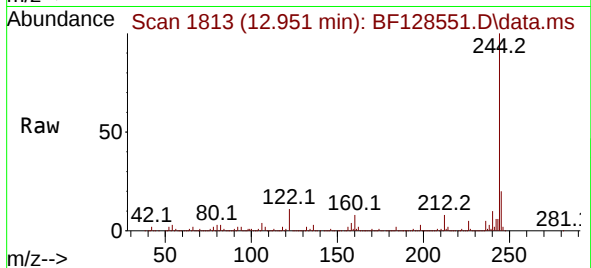




#79
 Terphenyl-d14
 Concen: 70.007 ng
 RT: 12.951 min Scan# 1814
 Delta R.T. -0.006 min
 Lab File: BF128551.D
 Acq: 28 May 2022 16:36

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-2430-01

Tgt Ion:244 Resp: 1546924
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 11.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128551.D
 Acq: 28 May 2022 16:36

Tgt Ion:264 Resp: 357284
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 20.7 17.2 25.8

