

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128511.D
 Acq On : 27 May 2022 15:41
 Operator : CG\JU
 Sample : N2922-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS002-0006-01

Quant Time: May 27 23:18:34 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)

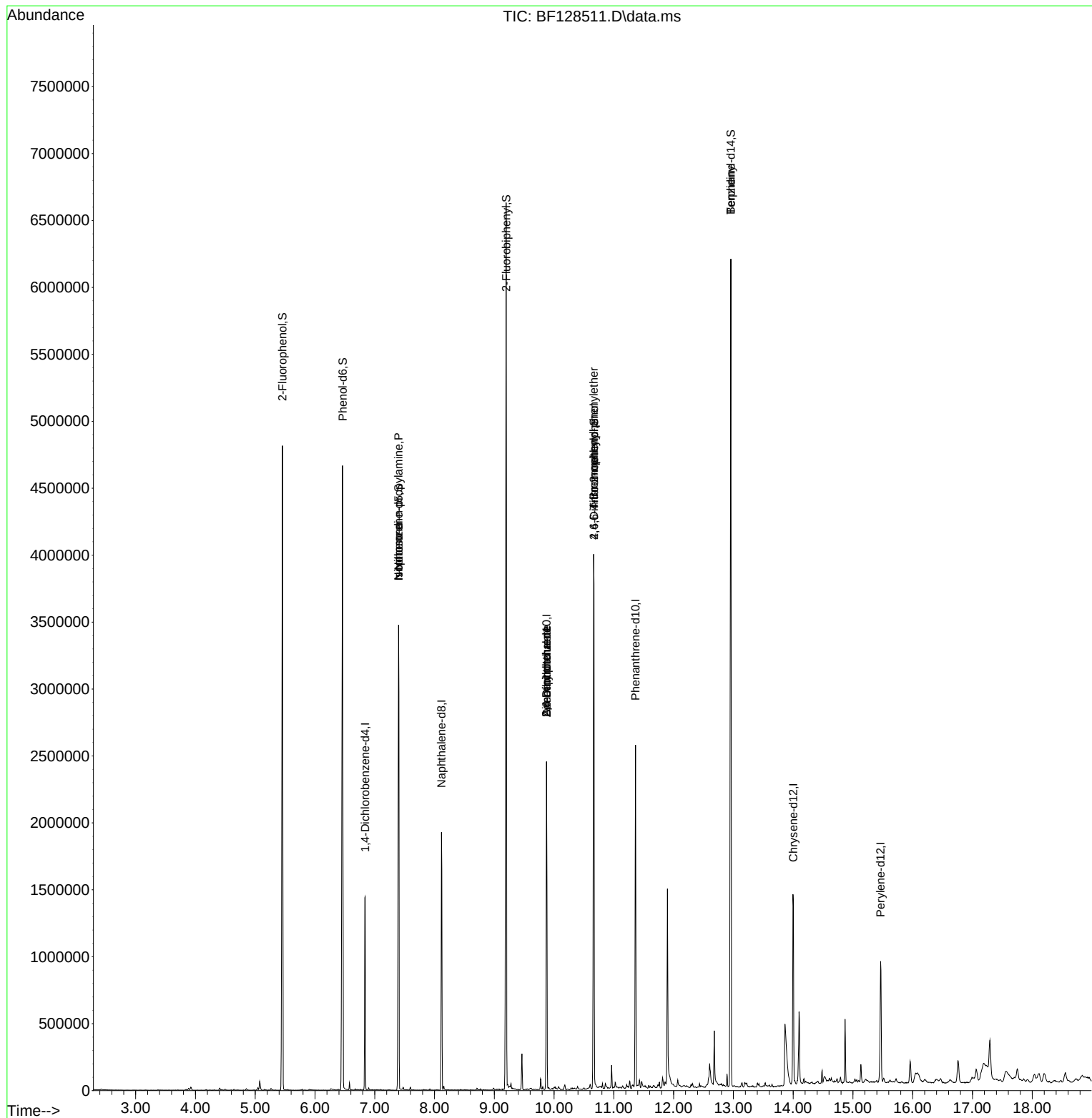
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	213359	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	837801	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	485576	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	884156	20.000	ng	0.00
76) Chrysene-d12	14.004	240	491757	20.000	ng	0.00
86) Perylene-d12	15.462	264	415436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1387678	107.732	ng	0.00
7) Phenol-d6	6.463	99	1801917	109.716	ng	0.00
23) Nitrobenzene-d5	7.398	82	1213414	83.552	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	529639	114.594	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2250354	75.293	ng	0.00
79) Terphenyl-d14	12.957	244	2263616	88.930	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	223	Below Cal	#	28
19) n-Nitroso-di-n-propyla...	7.398	70	165942	16.479	ng	# 77
25) Isophorone	7.398	82	1211167	45.208	ng	# 65
50) Dimethylphthalate	9.875	163	85457	2.713	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	62977	10.910	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	62977	9.119	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	1280	5.779	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	34546	3.782	ng	# 1
77) Benzidine	12.957	184	32038	2.825	ng	# 93

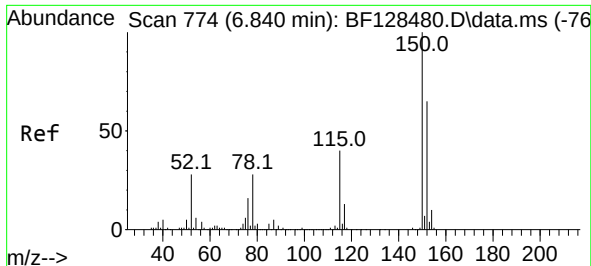
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128511.D
Acq On : 27 May 2022 15:41
Operator : CG\JU
Sample : N2922-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

Quant Time: May 27 23:18:34 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

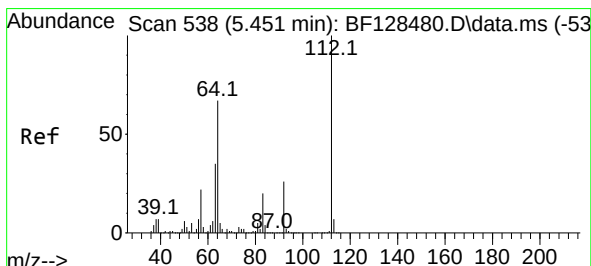
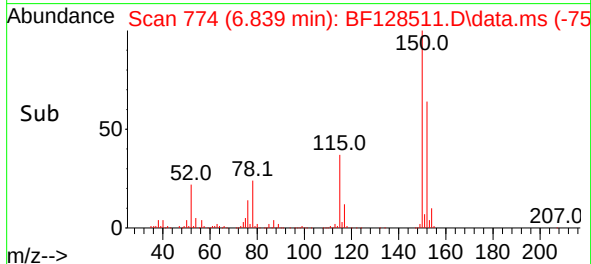
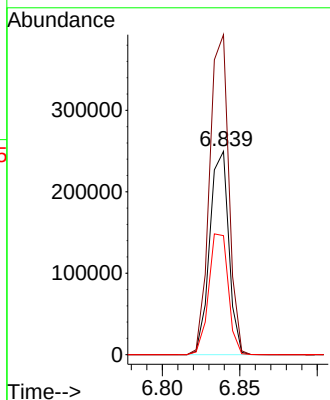
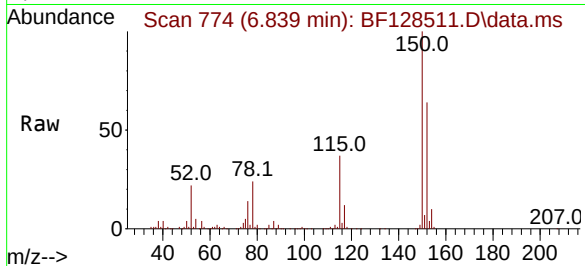




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

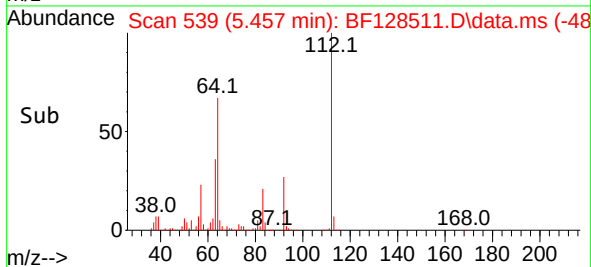
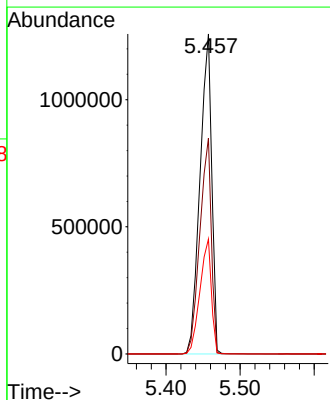
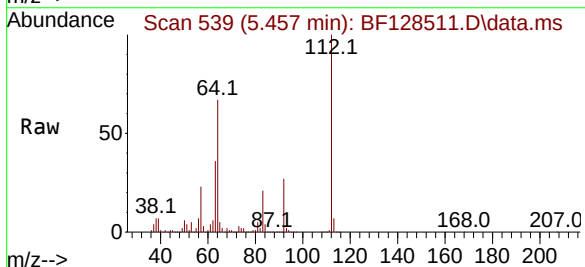
Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

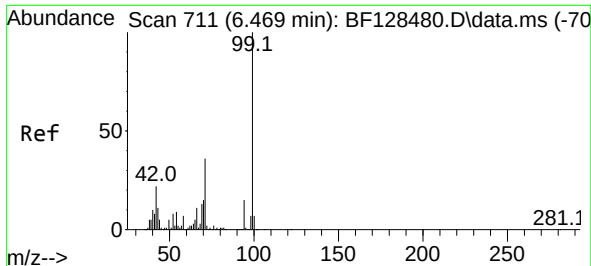
Tgt Ion:152 Resp: 213359
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 58.5 49.9 74.9



#5
2-Fluorophenol
Concen: 107.732 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

Tgt Ion:112 Resp: 1387678
Ion Ratio Lower Upper
112 100
64 67.5 53.3 79.9
63 35.9 28.0 42.0

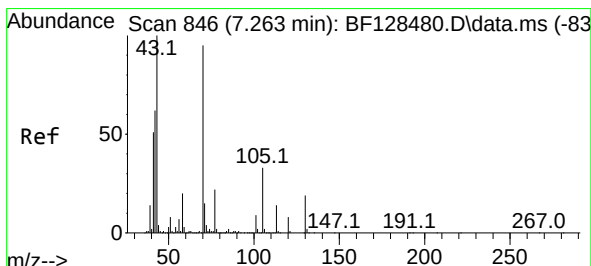
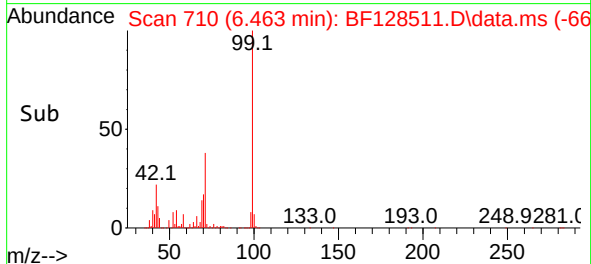
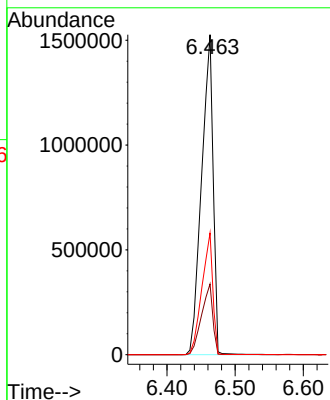
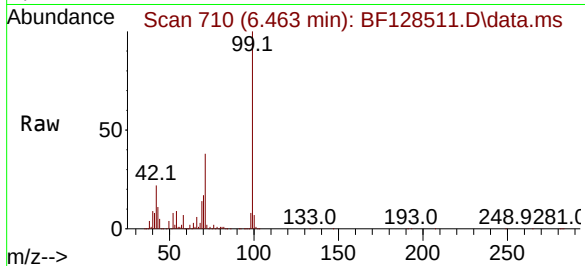




#7
Phenol-d6
Concen: 109.716 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

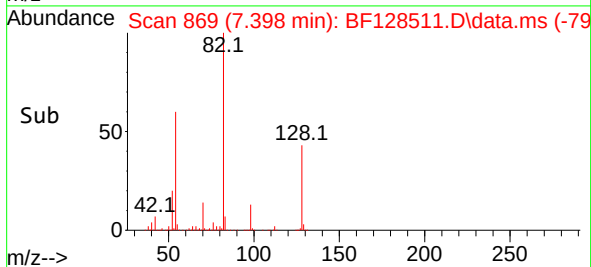
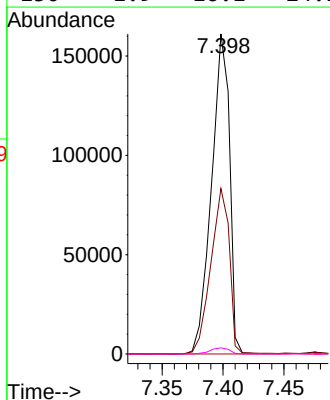
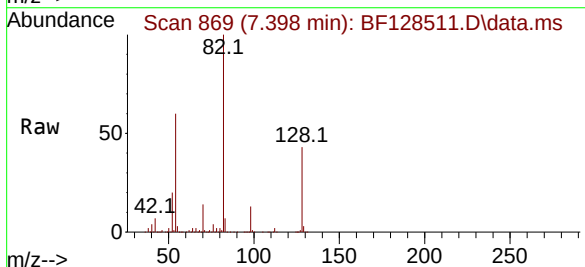
Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

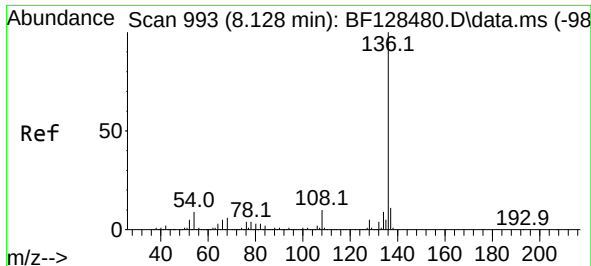
Tgt Ion: 99 Resp: 1801917
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 38.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.479 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

Tgt Ion: 70 Resp: 165942
Ion Ratio Lower Upper
70 100
42 51.7 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

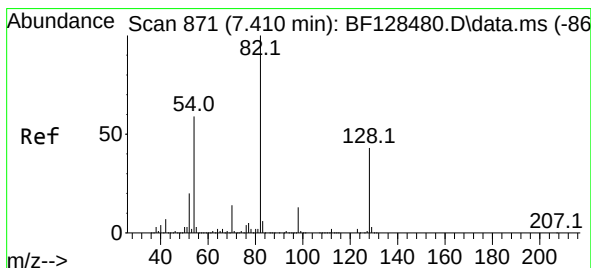
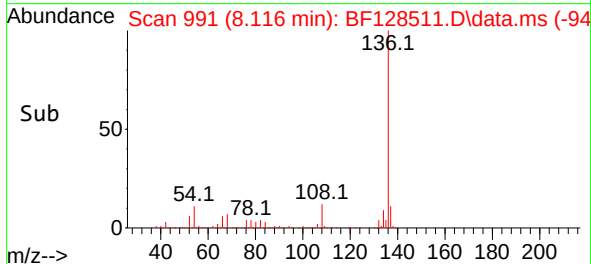
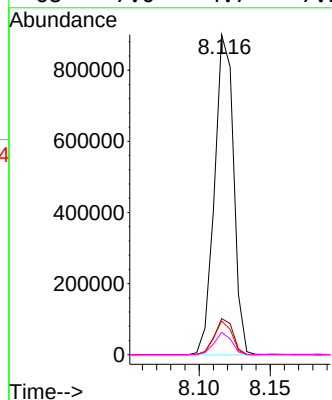
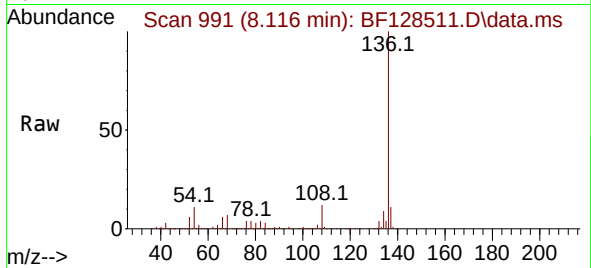




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

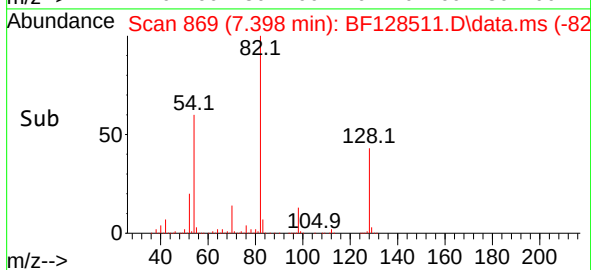
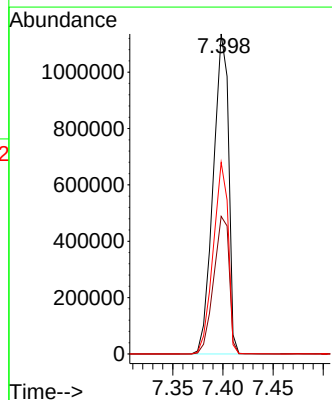
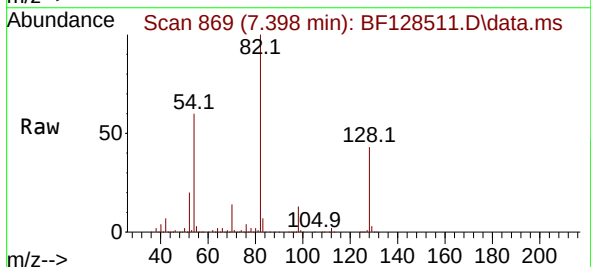
Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

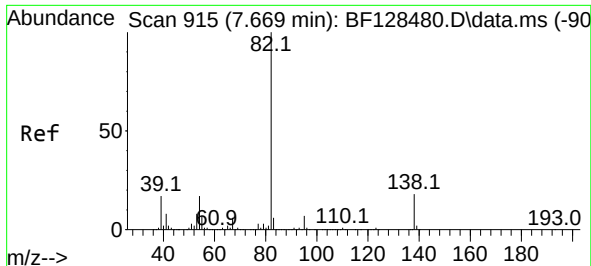
Tgt Ion:136 Resp: 837801
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.5 7.5 11.3
68 7.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.552 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

Tgt Ion: 82 Resp: 1213414
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 59.8 46.9 70.3

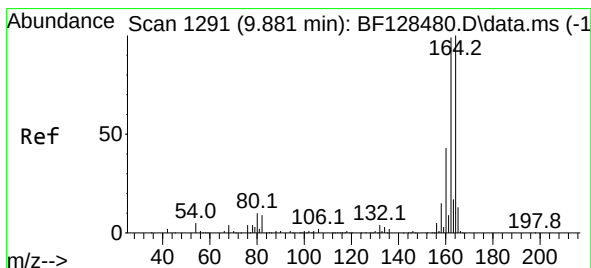
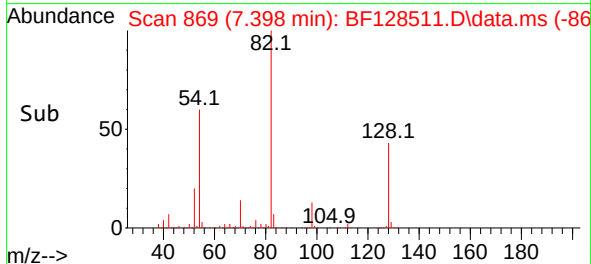
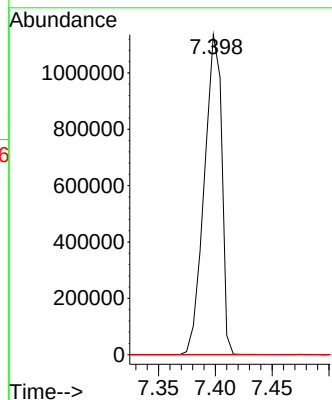
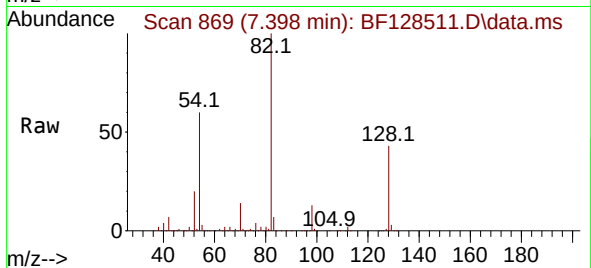




#25
Isophorone
Concen: 45.208 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

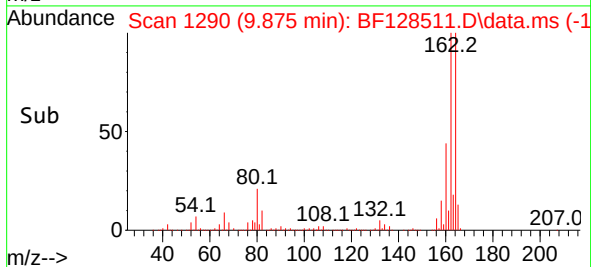
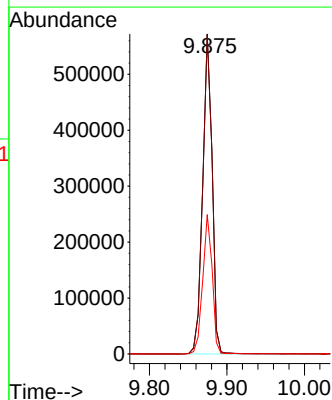
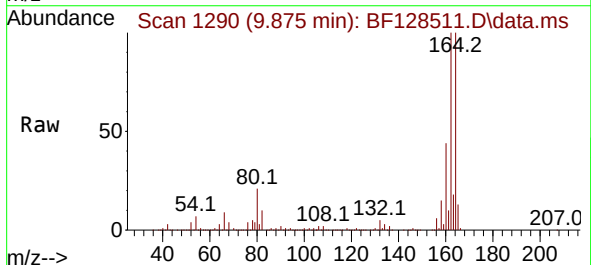
Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

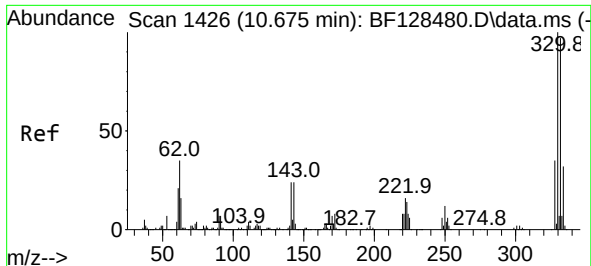
Tgt Ion: 82 Resp: 1211167
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

Tgt Ion:164 Resp: 485576
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 114.594 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128511.D

Acq: 27 May 2022 15:41

Instrument :

BNA_F

ClientSampleId :

P024-SS002-0006-01

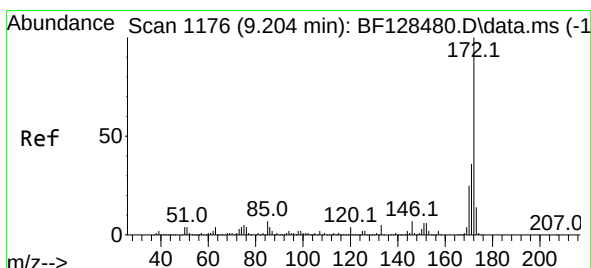
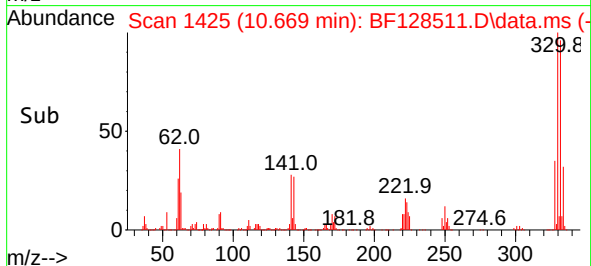
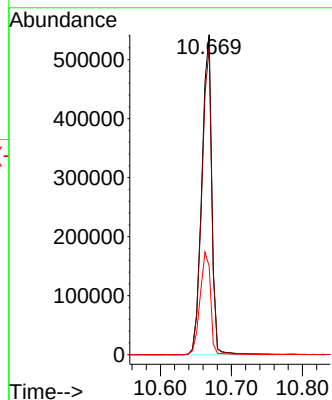
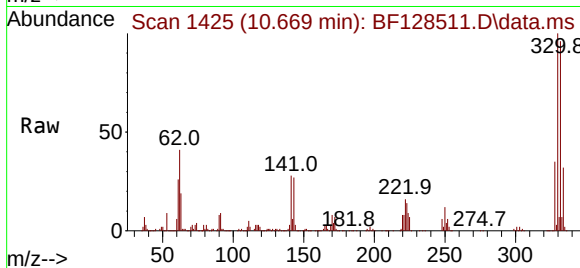
Tgt Ion:330 Resp: 529639

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 33.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.293 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128511.D

Acq: 27 May 2022 15:41

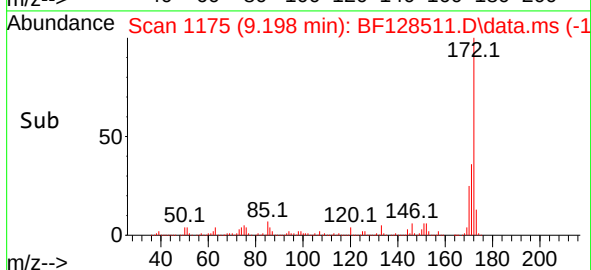
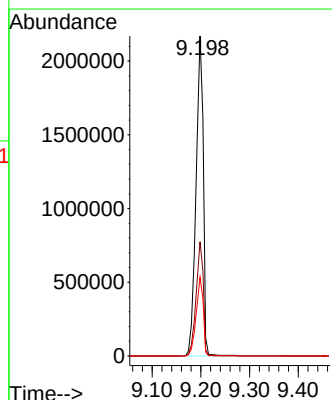
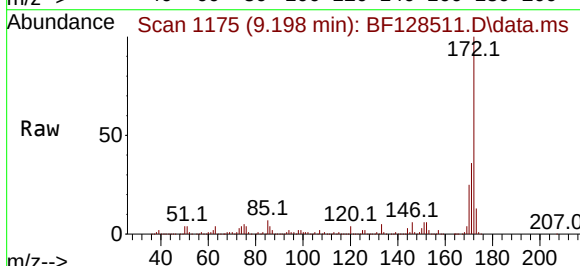
Tgt Ion:172 Resp: 2250354

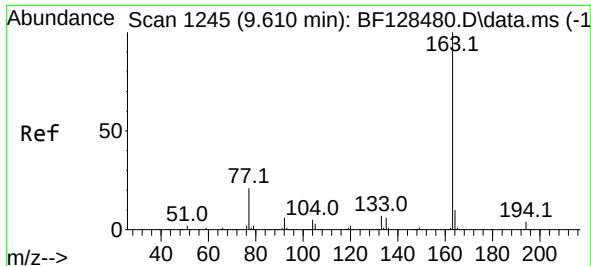
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.6 19.8 29.8

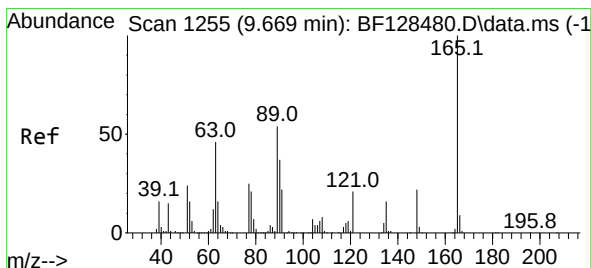
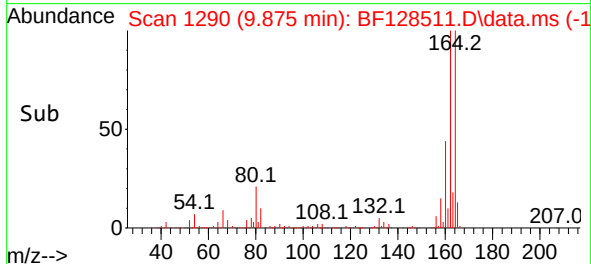
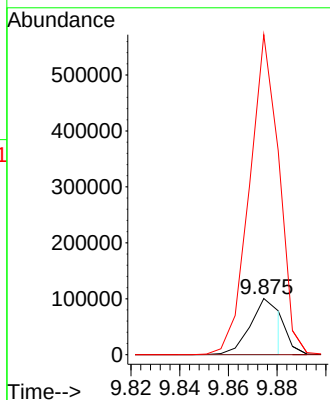
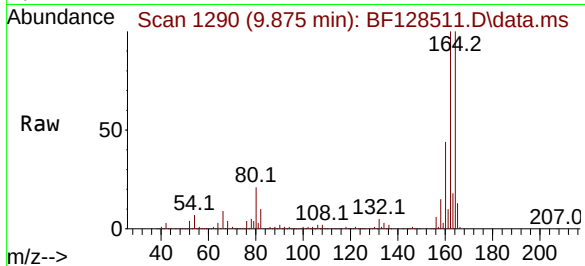




#50
Dimethylphthalate
Concen: 2.713 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

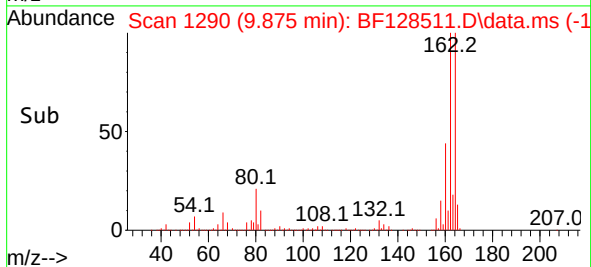
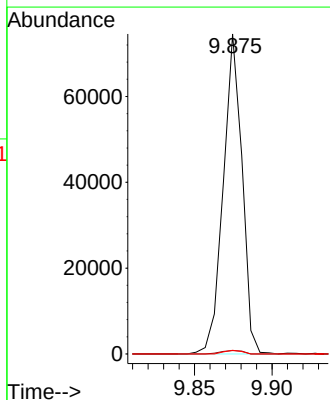
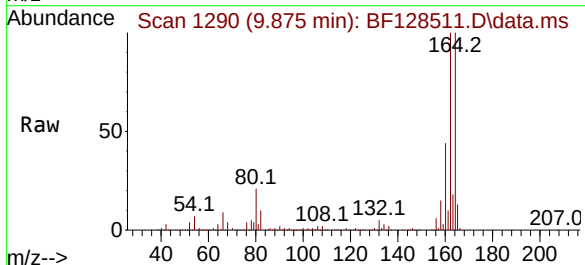
Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

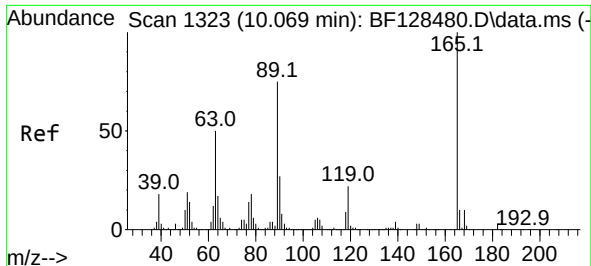
Tgt Ion:163 Resp: 85457
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 570.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.910 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

Tgt Ion:165 Resp: 62977
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.2 43.6 65.4#

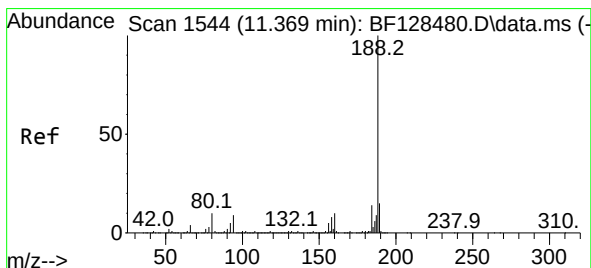
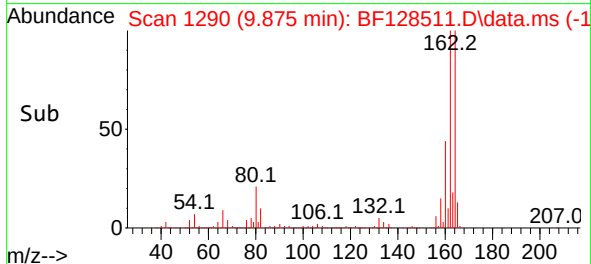
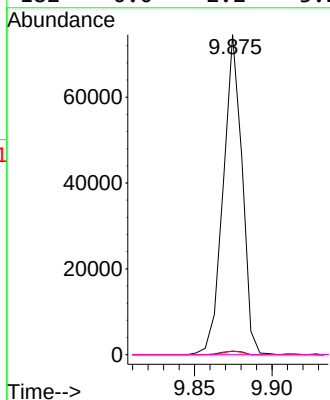
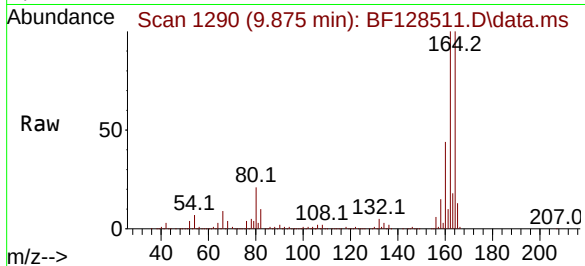




#57
2,4-Dinitrotoluene
Concen: 9.119 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

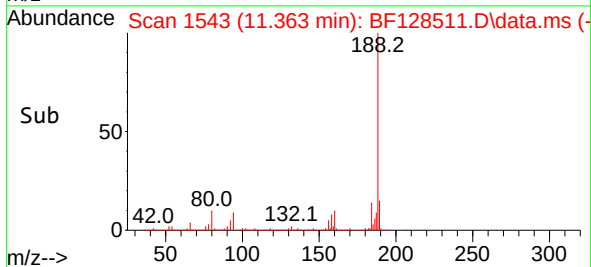
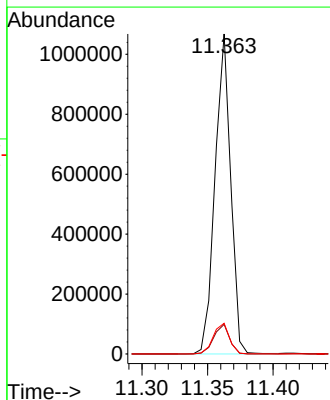
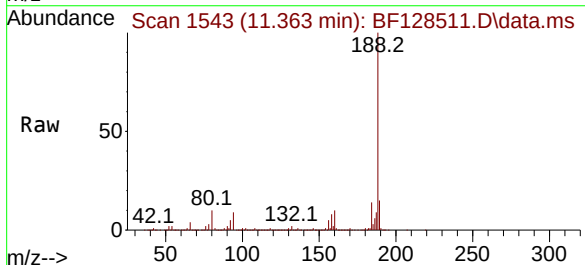
Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

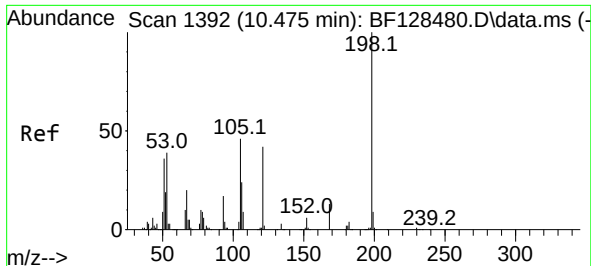
Tgt Ion:165 Resp: 62977
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

Tgt Ion:188 Resp: 884156
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.6 11.4

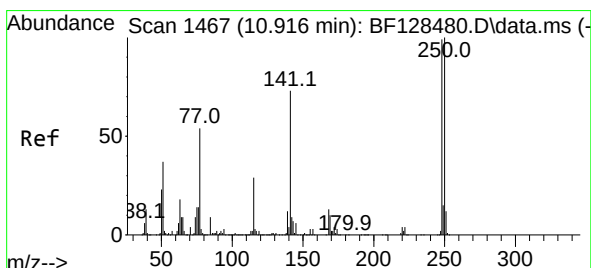
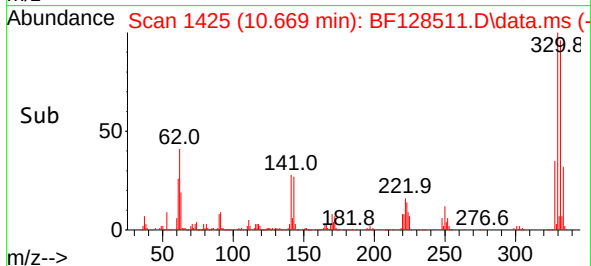
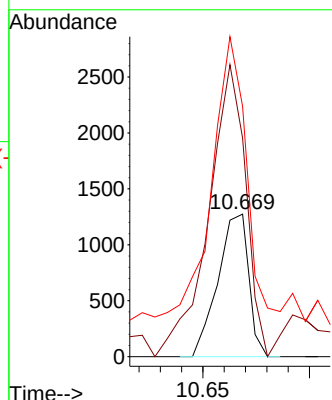
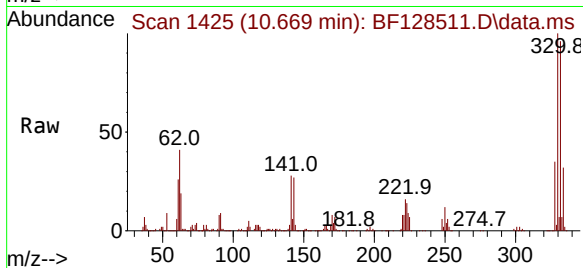




#65
4,6-Dinitro-2-methylphenol
Concen: 5.779 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

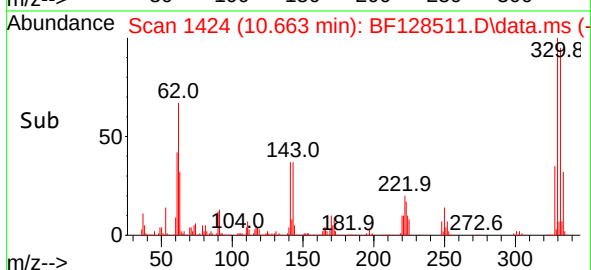
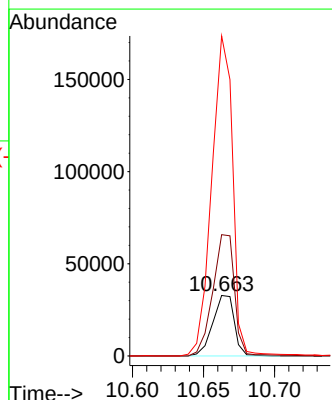
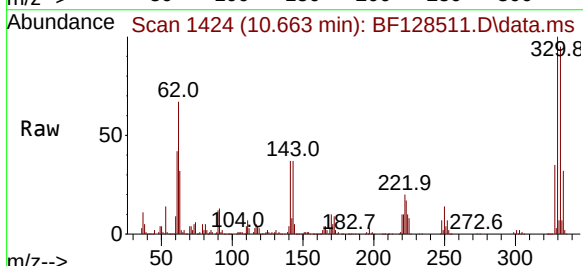
Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

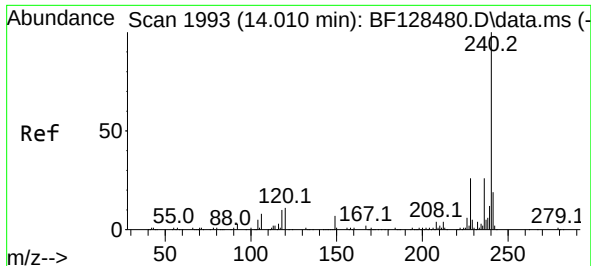
Tgt Ion:198 Resp: 1280
Ion Ratio Lower Upper
198 100
51 153.3 37.6 77.6#
105 175.5 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.782 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

Tgt Ion:248 Resp: 34546
Ion Ratio Lower Upper
248 100
250 200.2 80.6 120.8#
141 528.4 58.9 88.3#

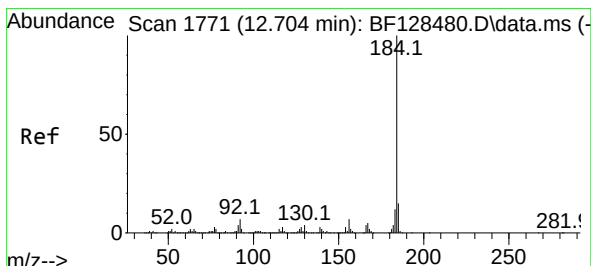
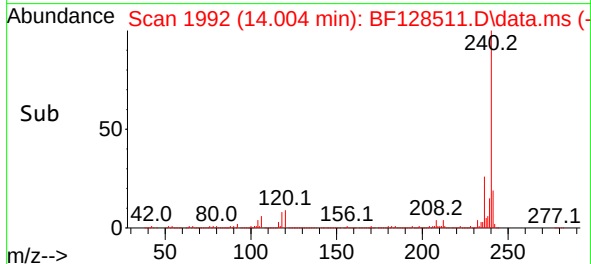
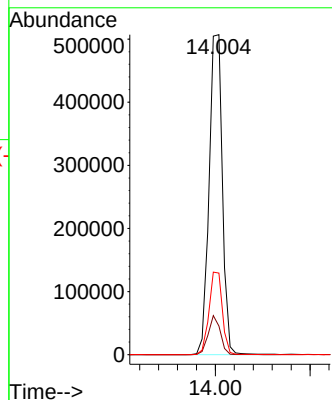
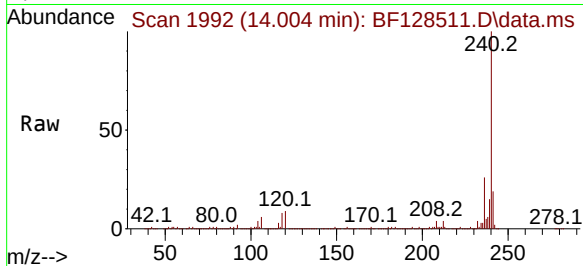




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

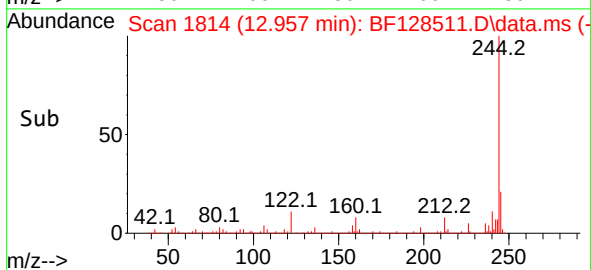
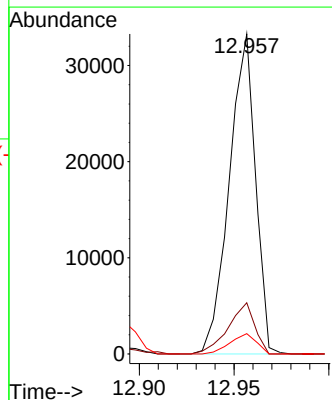
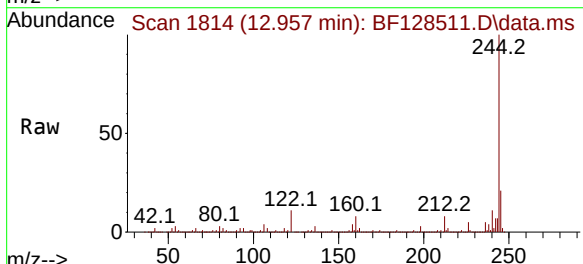
Instrument :
BNA_F
ClientSampleId :
P024-SS002-0006-01

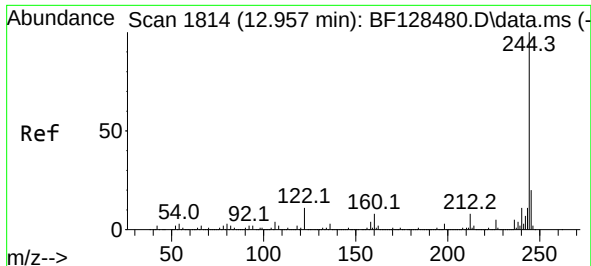
Tgt Ion:240 Resp: 491757
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.5 20.8 31.2



#77
Benzidine
Concen: 2.825 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128511.D
Acq: 27 May 2022 15:41

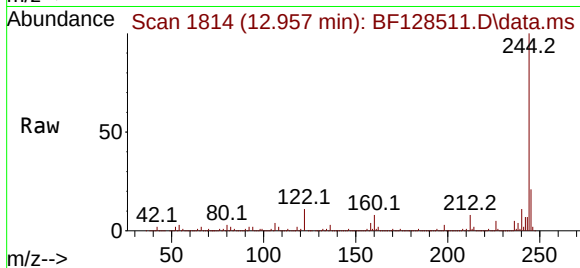
Tgt Ion:184 Resp: 32038
Ion Ratio Lower Upper
184 100
185 16.0 11.9 17.9
183 6.4 9.3 13.9#





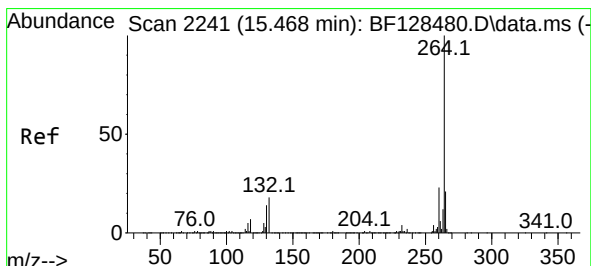
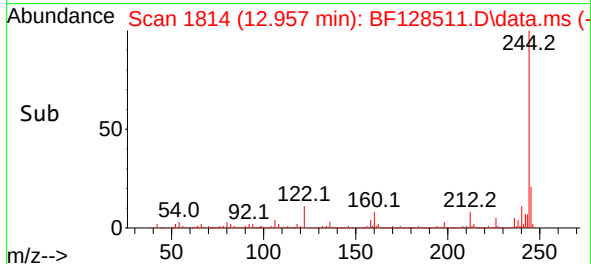
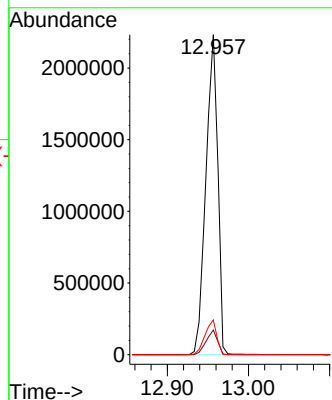
#79
 Terphenyl-d14
 Concen: 88.930 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128511.D
 Acq: 27 May 2022 15:41

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS002-0006-01



Tgt Ion:244 Resp: 2263616

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	10.9	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: BF128511.D
 Acq: 27 May 2022 15:41

Tgt Ion:264 Resp: 415436

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.8	17.2	25.8

