

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128527.D
 Acq On : 28 May 2022 00:00
 Operator : CG\JU
 Sample : N2921-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-2430-01

Quant Time: May 28 03:13:53 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)

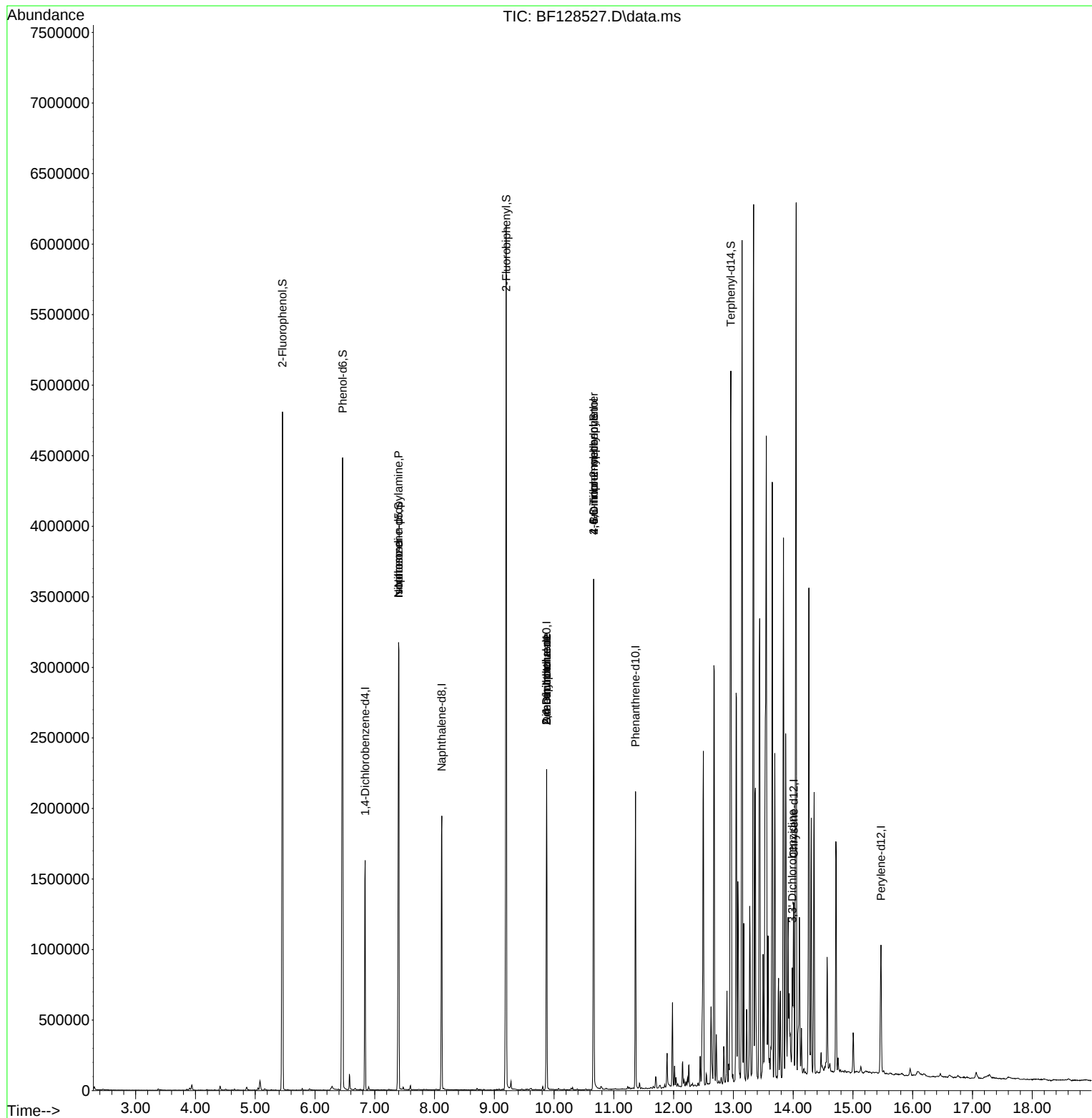
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	232594	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	876664	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	442606	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	723541	20.000	ng	0.00
76) Chrysene-d12	14.010	240	417998	20.000	ng	0.00
86) Perylene-d12	15.468	264	417430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1390550	99.027	ng	0.00
7) Phenol-d6	6.463	99	1770364	98.880	ng	0.00
23) Nitrobenzene-d5	7.398	82	1171654	77.100	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	412762	97.977	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2040543	74.901	ng	0.00
79) Terphenyl-d14	12.957	244	1503869	69.508	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	406	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.398	70	161069	14.672	ng	# 79
25) Isophorone	7.398	82	1163993	41.521	ng	# 65
50) Dimethylphthalate	9.875	163	77855	2.712	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	58016	11.026	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	58086	9.227	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	914	5.744	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	27670	3.701	ng	# 1
82) 3,3'-Dichlorobenzidine	13.986	252	22324	3.509	ng	# 45

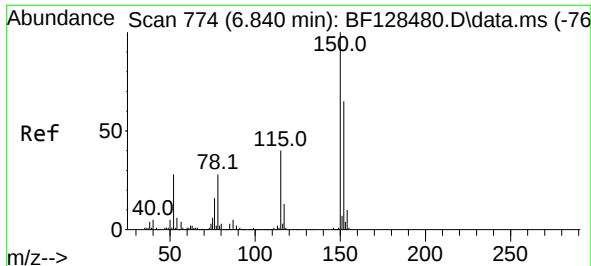
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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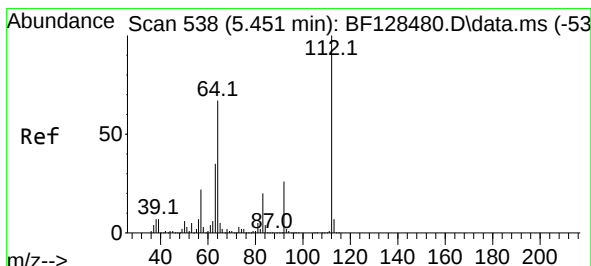
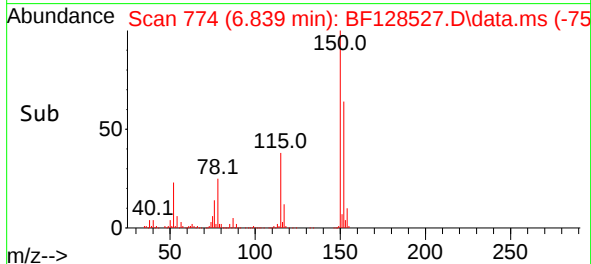
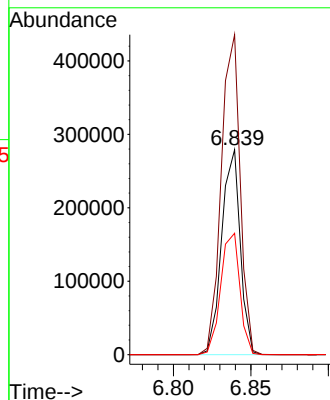
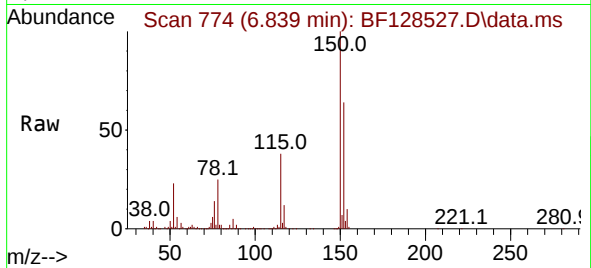




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

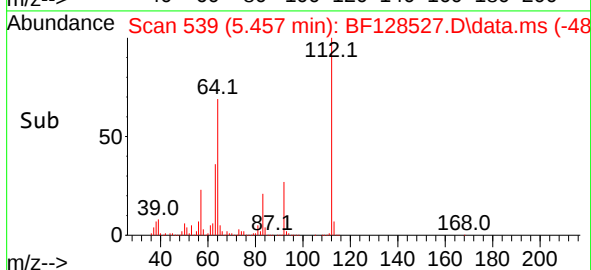
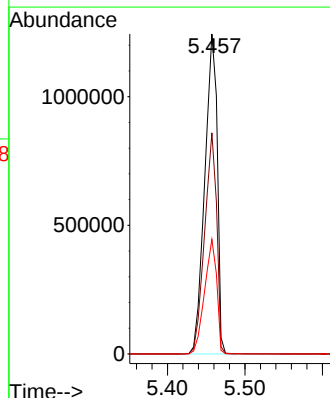
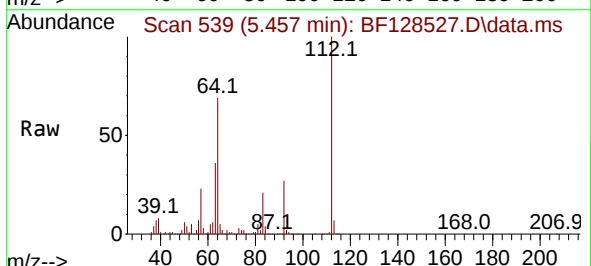
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

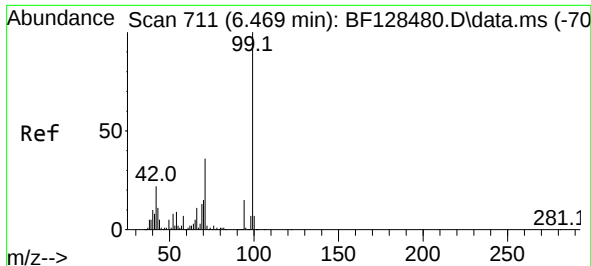
Tgt Ion:152 Resp: 232594
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 59.2 49.9 74.9



#5
2-Fluorophenol
Concen: 99.027 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

Tgt Ion:112 Resp: 1390550
Ion Ratio Lower Upper
112 100
64 69.1 53.3 79.9
63 35.8 28.0 42.0

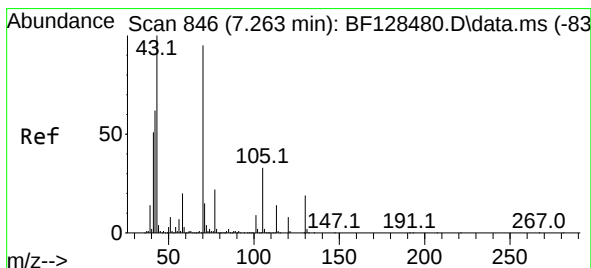
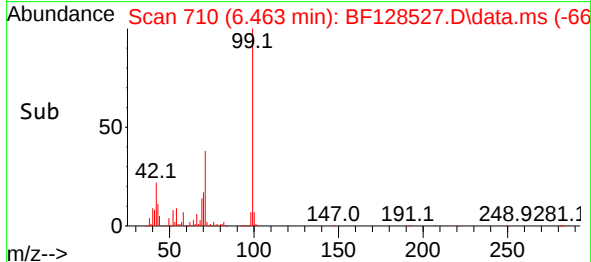
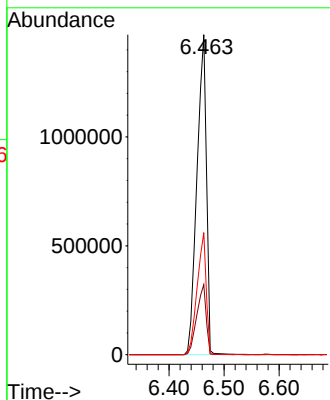
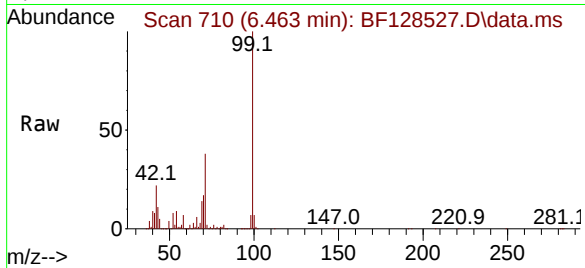




#7
Phenol-d6
Concen: 98.880 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

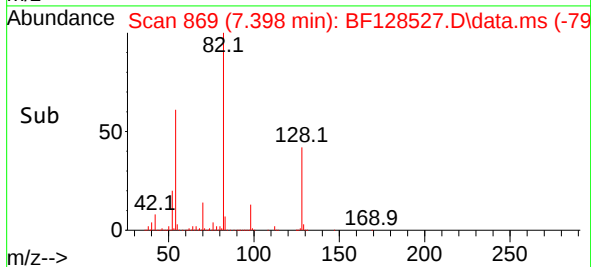
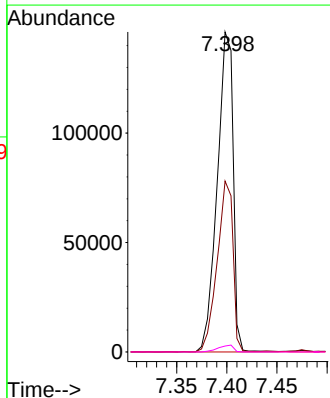
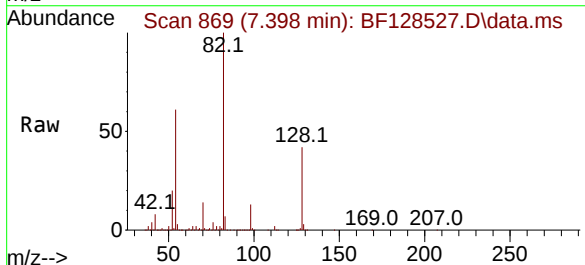
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

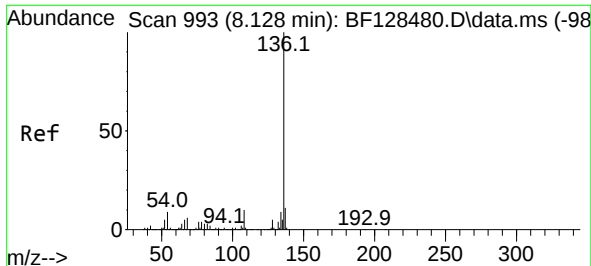
Tgt Ion: 99 Resp: 1770364
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 38.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.672 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

Tgt Ion: 70 Resp: 161069
Ion Ratio Lower Upper
70 100
42 53.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

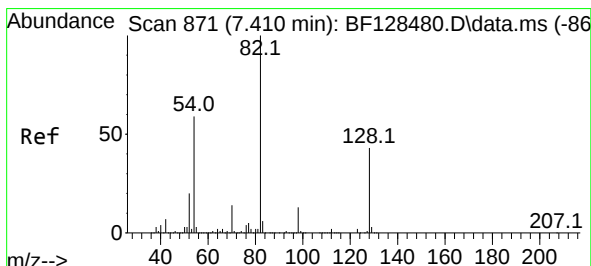
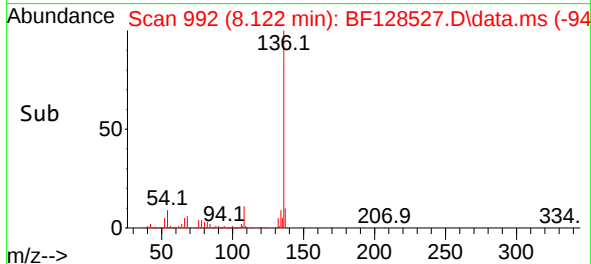
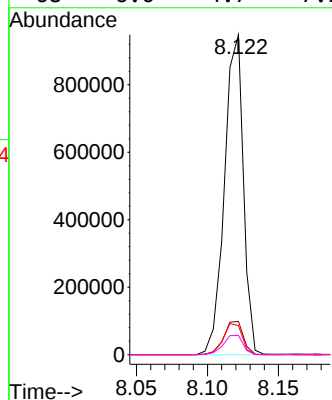
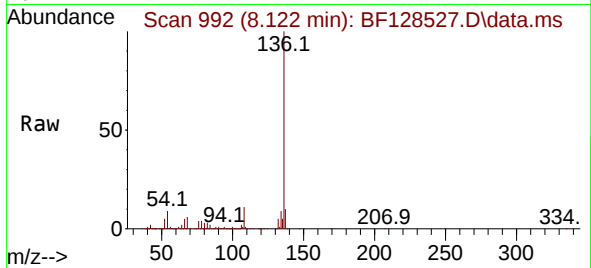




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

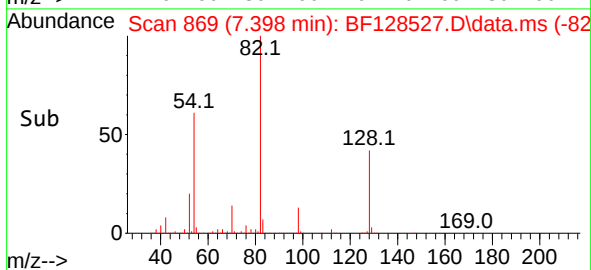
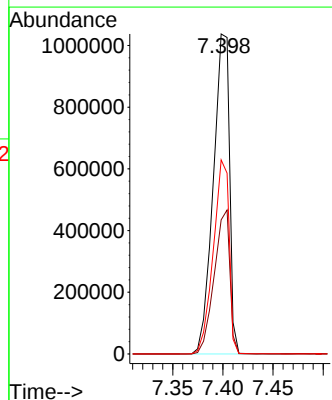
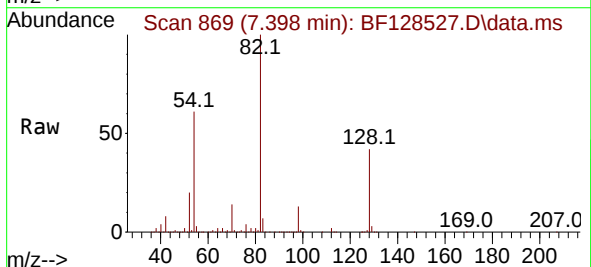
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

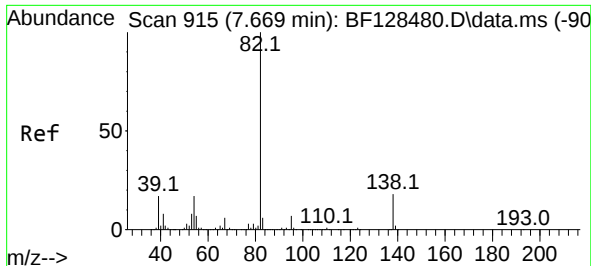
Tgt Ion:136 Resp: 876664
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.1 7.5 11.3
68 6.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 77.100 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

Tgt Ion: 82 Resp: 1171654
Ion Ratio Lower Upper
82 100
128 41.9 34.0 51.0
54 60.7 46.9 70.3

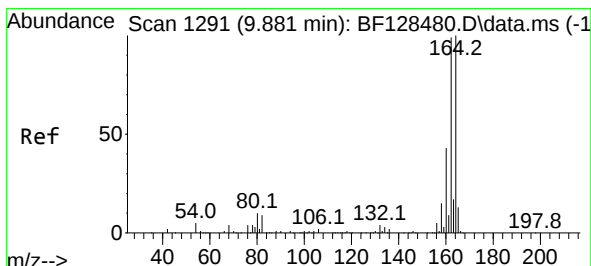
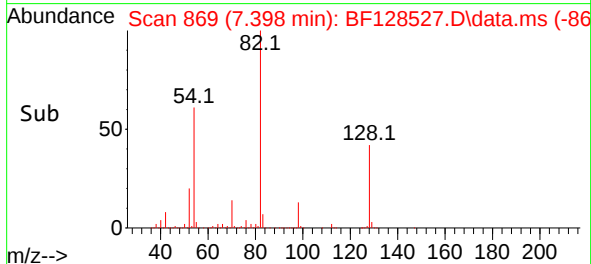
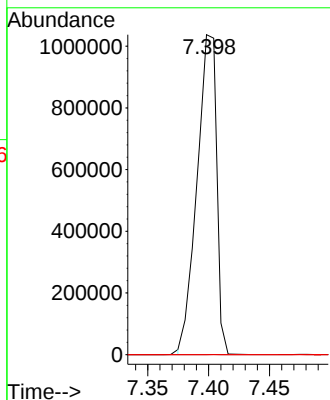
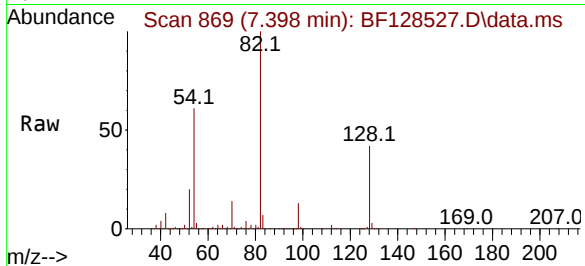




#25
Isophorone
Concen: 41.521 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

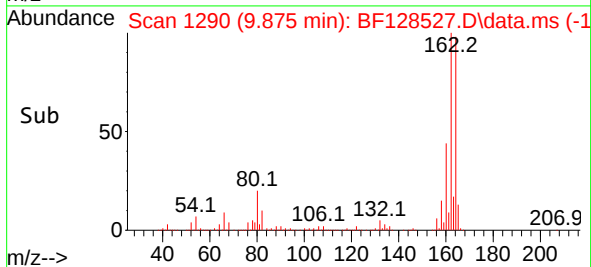
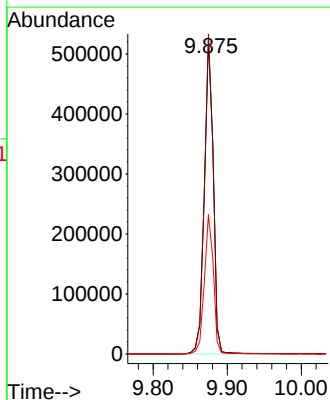
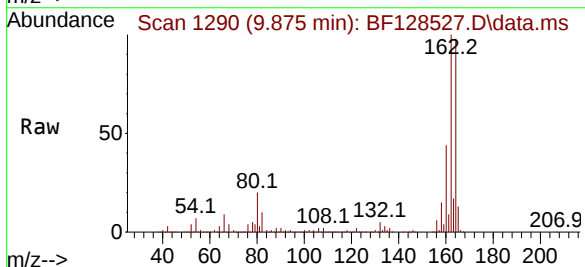
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

Tgt Ion: 82 Resp: 1163993
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: BF128527.D
Acq: 28 May 2022 00:00

Tgt Ion:164 Resp: 442606
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 97.977 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128527.D

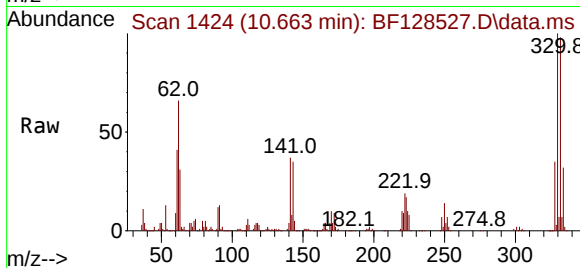
Acq: 28 May 2022 00:00

Instrument :

BNA_F

ClientSampleId :

P013-SS002-2430-01



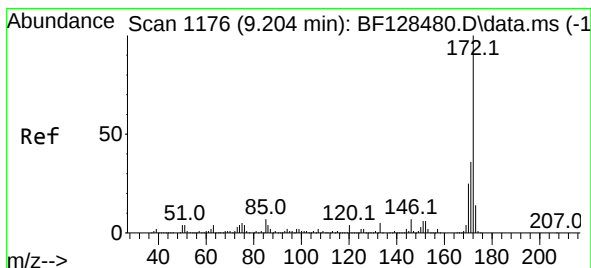
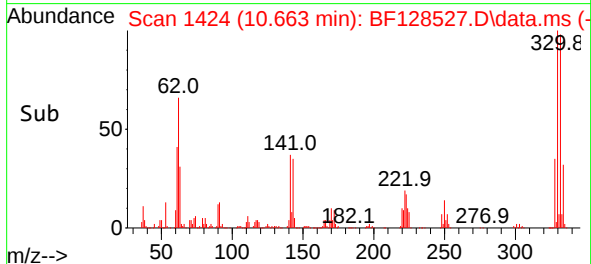
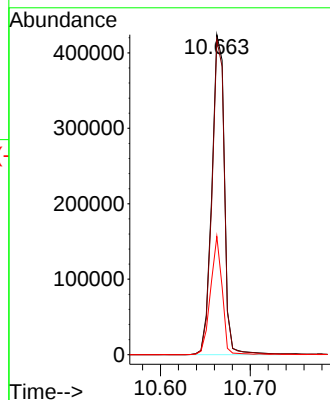
Tgt Ion:330 Resp: 412762

Ion Ratio Lower Upper

330 100

332 97.8 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 74.901 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128527.D

Acq: 28 May 2022 00:00

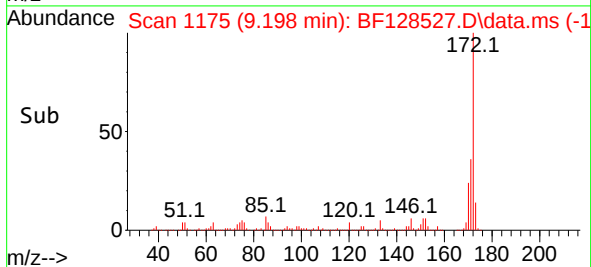
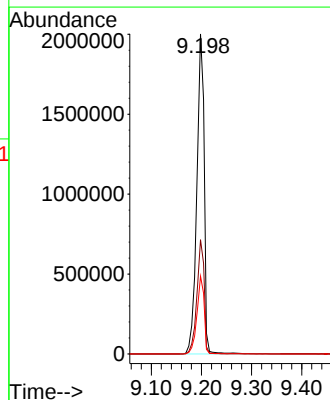
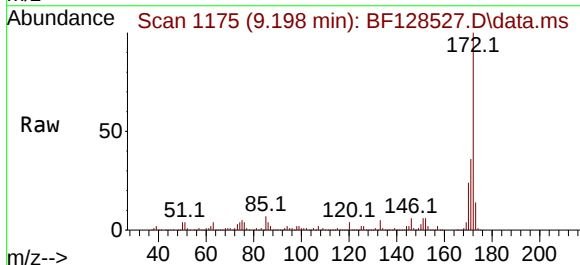
Tgt Ion:172 Resp: 2040543

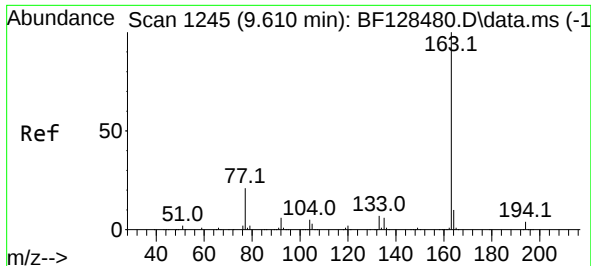
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.3 19.8 29.8

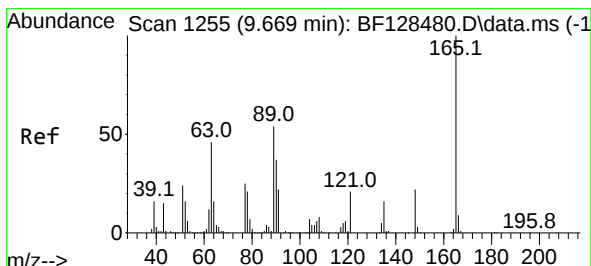
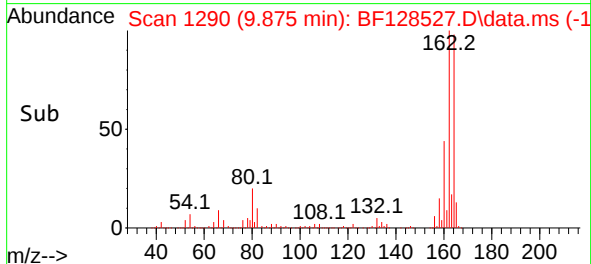
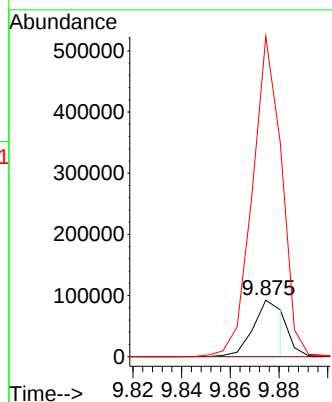
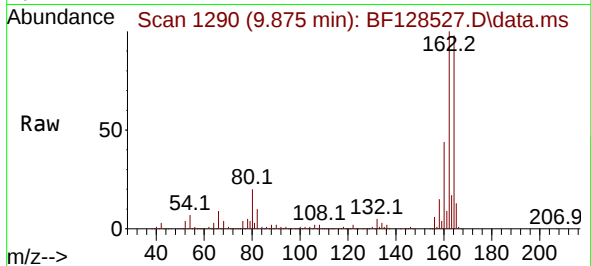




#50
Dimethylphthalate
Concen: 2.712 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

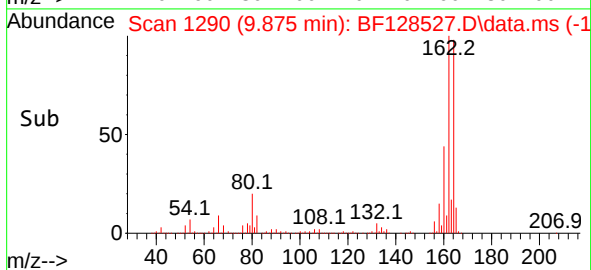
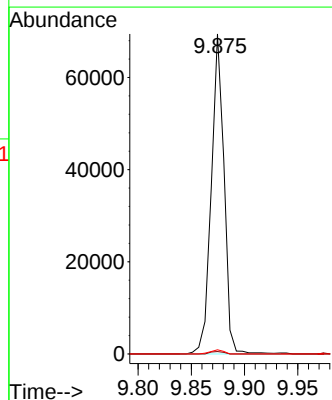
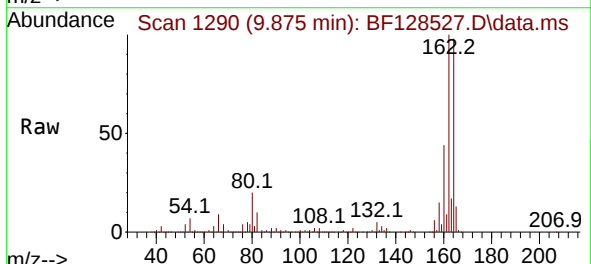
Instrument :
BNA_F
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P013-SS002-2430-01

Tgt Ion:163 Resp: 77855
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 566.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 11.026 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

Tgt Ion:165 Resp: 58016
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.3 43.6 65.4#

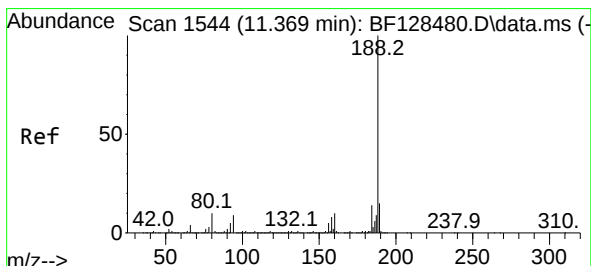
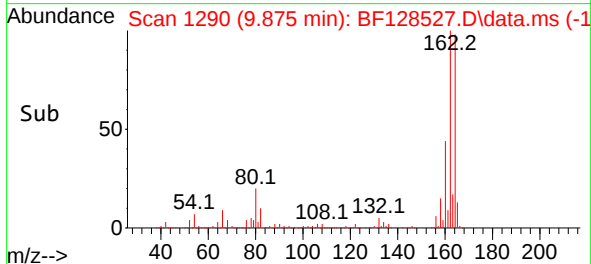
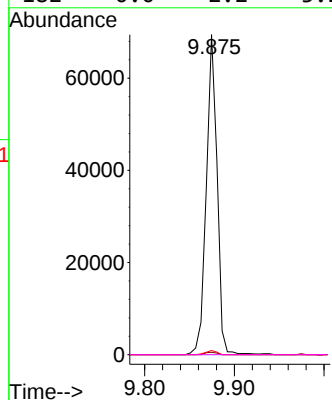
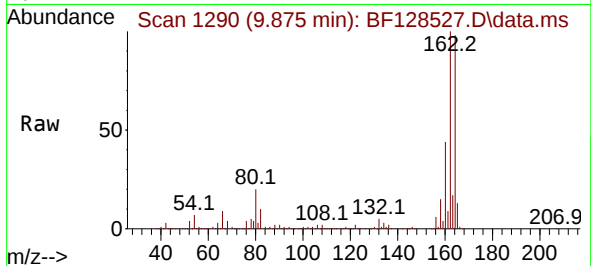




#57
2,4-Dinitrotoluene
Concen: 9.227 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

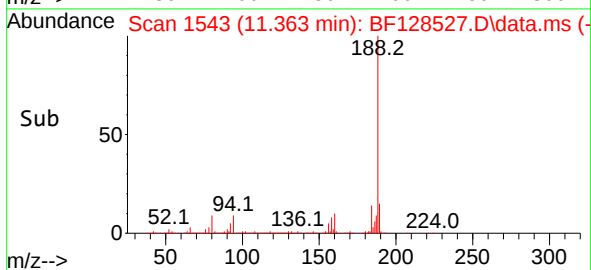
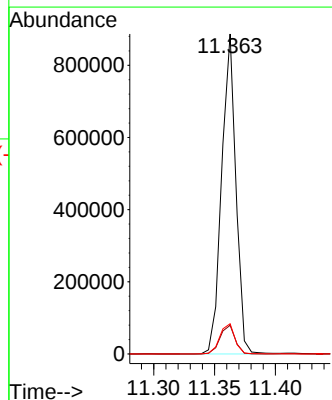
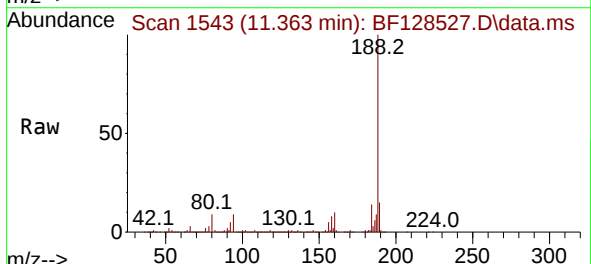
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

Tgt Ion:165 Resp: 58086
Ion Ratio Lower Upper
165 100
63 0.8 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: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

Tgt Ion:188 Resp: 723541
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.4 7.6 11.4

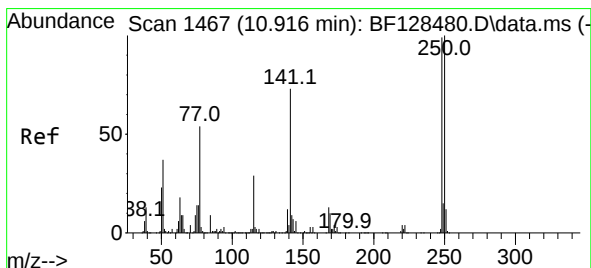
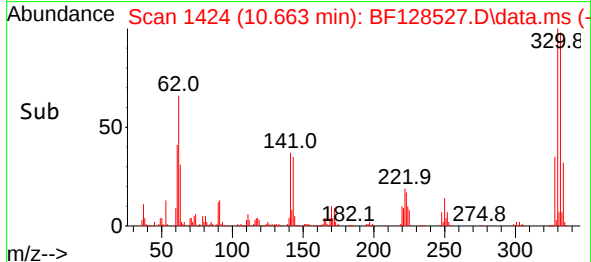
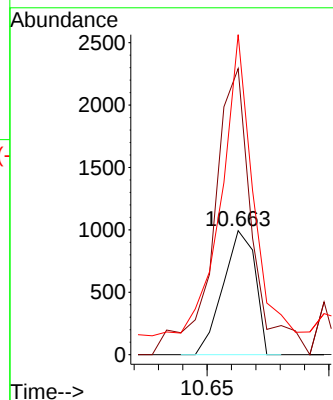
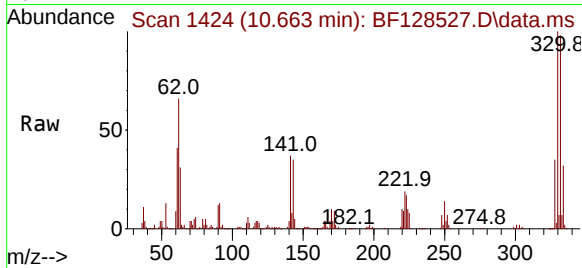




#65
4,6-Dinitro-2-methylphenol
Concen: 5.744 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

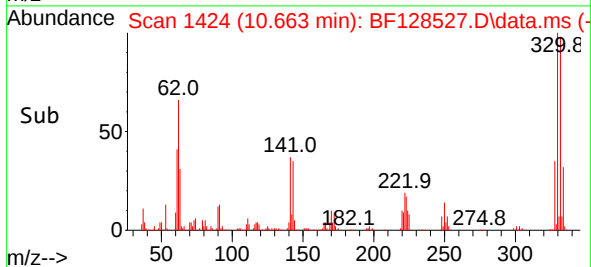
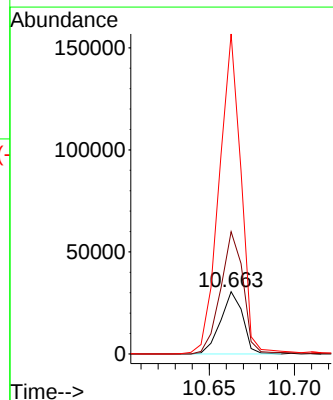
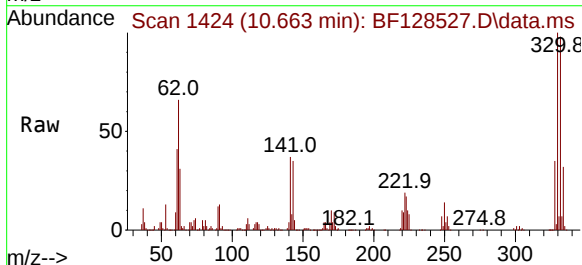
Instrument :
BNA_F
ClientSampleId :
P013-SS002-2430-01

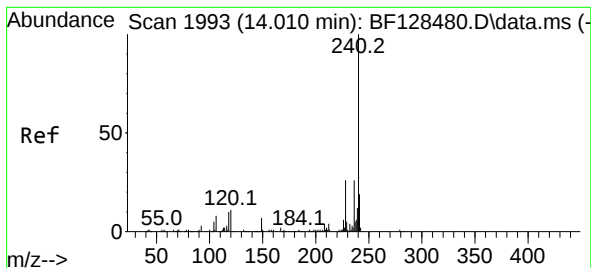
Tgt Ion:198 Resp: 914
Ion Ratio Lower Upper
198 100
51 230.8 37.6 77.6#
105 258.2 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128527.D
Acq: 28 May 2022 00:00

Tgt Ion:248 Resp: 27670
Ion Ratio Lower Upper
248 100
250 196.3 80.6 120.8#
141 514.2 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF128527.D

Acq: 28 May 2022 00:00

Instrument :

BNA_F

ClientSampleId :

P013-SS002-2430-01

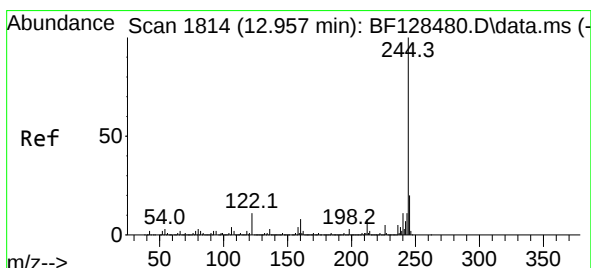
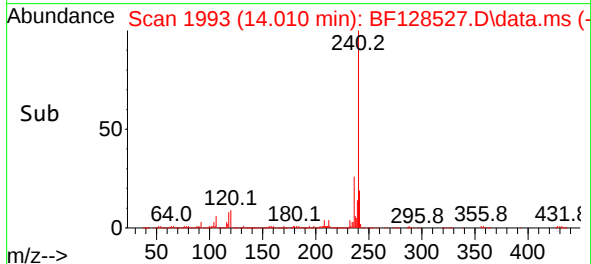
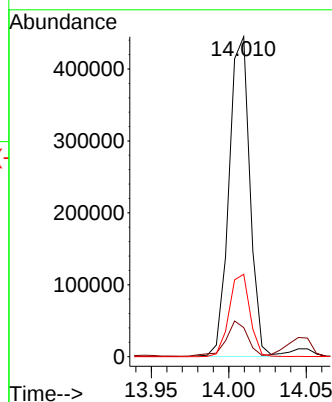
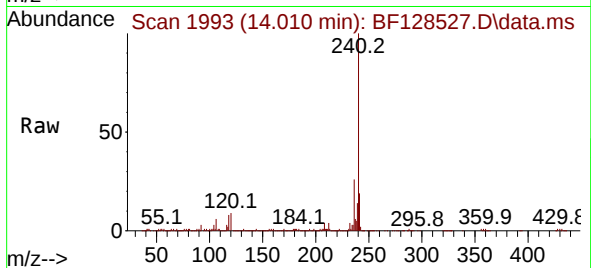
Tgt Ion:240 Resp: 417998

Ion Ratio Lower Upper

240 100

120 9.1 8.9 13.3

236 25.8 20.8 31.2



#79

Terphenyl-d14

Concen: 69.508 ng

RT: 12.957 min Scan# 1814

Delta R.T. -0.000 min

Lab File: BF128527.D

Acq: 28 May 2022 00:00

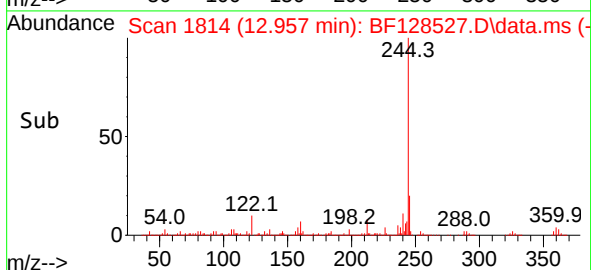
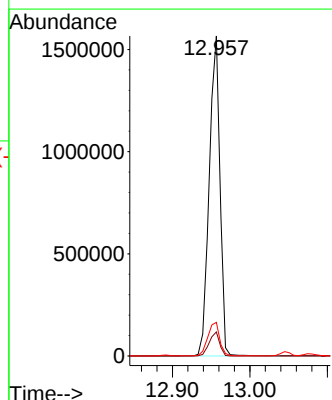
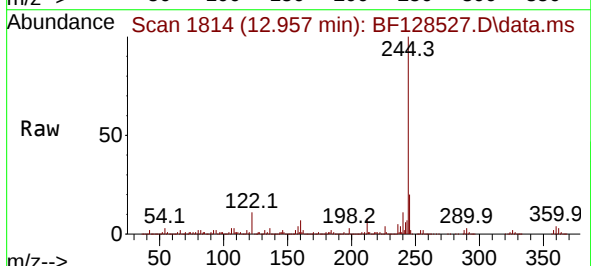
Tgt Ion:244 Resp: 1503869

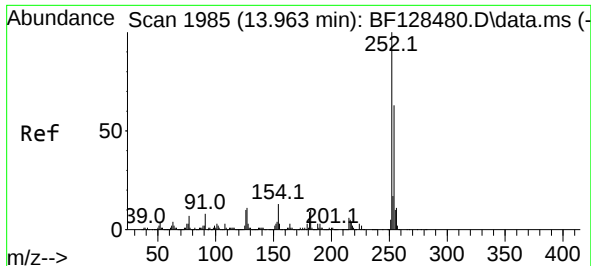
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 10.5 8.8 13.2

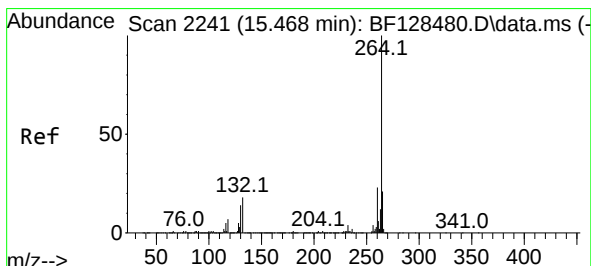
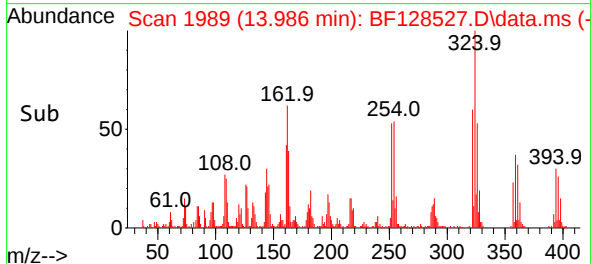
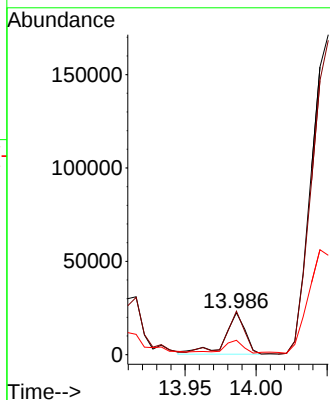
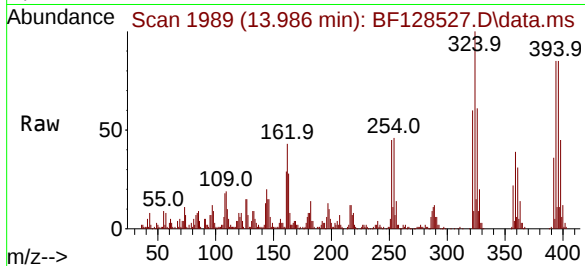




#82
 3,3'-Dichlorobenzidine
 Concen: 3.509 ng
 RT: 13.986 min Scan# 1989
 Delta R.T. 0.023 min
 Lab File: BF128527.D
 Acq: 28 May 2022 00:00

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-2430-01

Tgt Ion:252 Resp: 22324
 Ion Ratio Lower Upper
 252 100
 254 103.8 50.2 75.4#
 126 34.3 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128527.D
 Acq: 28 May 2022 00:00

Tgt Ion:264 Resp: 417430
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 19.6 17.2 25.8

