

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128543.D
 Acq On : 28 May 2022 12:33
 Operator : CG\JU
 Sample : N2928-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS001-0006-01

Quant Time: May 28 22:41:52 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)

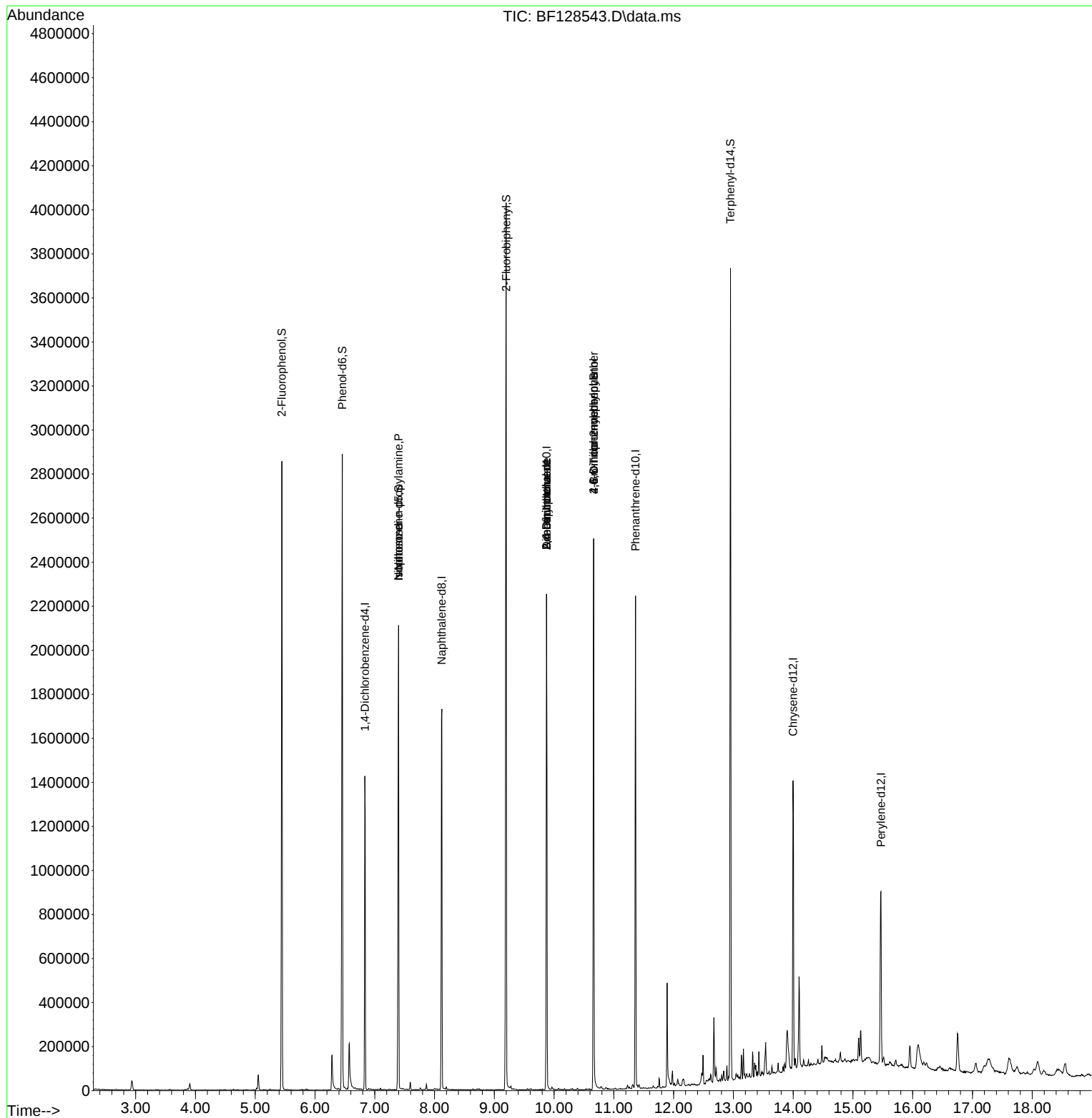
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	204805	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	793449	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	439486	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	784938	20.000	ng	0.00
76) Chrysene-d12	13.998	240	465834	20.000	ng	-0.01
86) Perylene-d12	15.468	264	376881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	718220	58.088	ng	0.00
7) Phenol-d6	6.457	99	939464	59.592	ng	-0.01
23) Nitrobenzene-d5	7.398	82	638771	46.442	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	282463	67.524	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1266317	46.812	ng	0.00
79) Terphenyl-d14	12.951	244	1190790	49.386	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	220	Below Cal	#	80
19) n-Nitroso-di-n-propyla...	7.398	70	86204	8.918	ng	# 79
25) Isophorone	7.398	82	633452	24.966	ng	# 65
50) Dimethylphthalate	9.875	163	76956	2.699	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	56634	10.840	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	56634	9.060	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	731	5.680	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	17932	2.211	ng	# 1

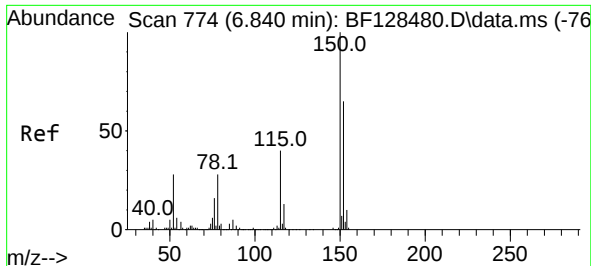
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
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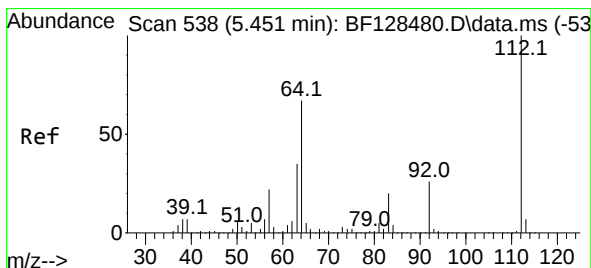
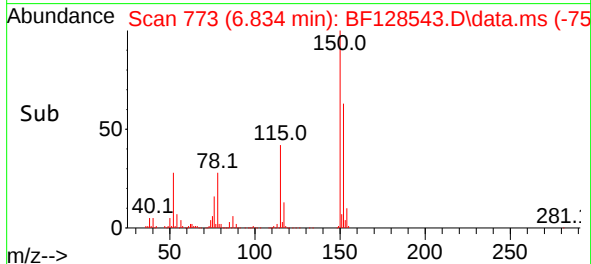
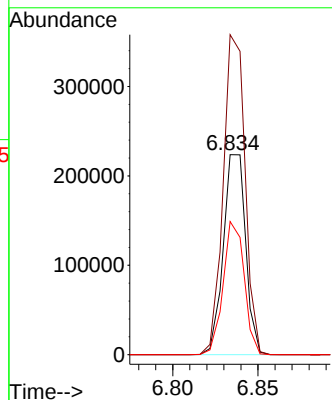
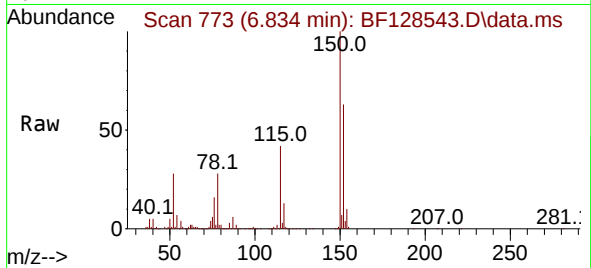




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

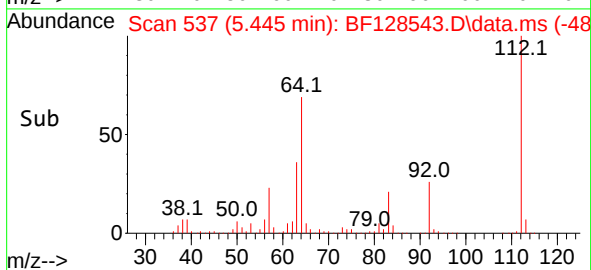
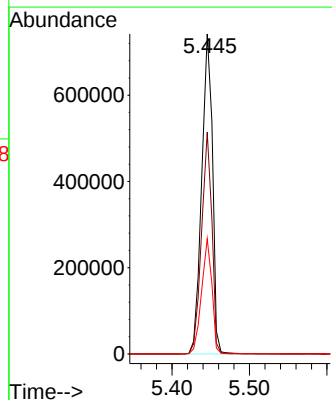
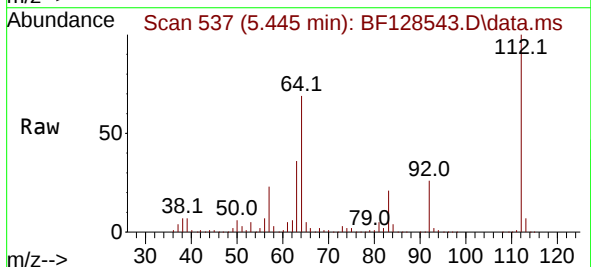
Instrument :
BNA_F
ClientSampleId :
P026-SS001-0006-01

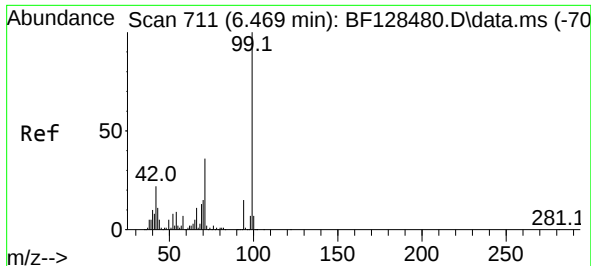
Tgt Ion:152 Resp: 204805
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 66.5 49.9 74.9



#5
2-Fluorophenol
Concen: 58.088 ng
RT: 5.445 min Scan# 537
Delta R.T. -0.006 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

Tgt Ion:112 Resp: 718220
Ion Ratio Lower Upper
112 100
64 69.3 53.3 79.9
63 36.0 28.0 42.0

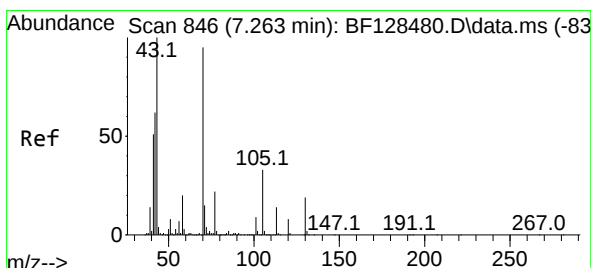
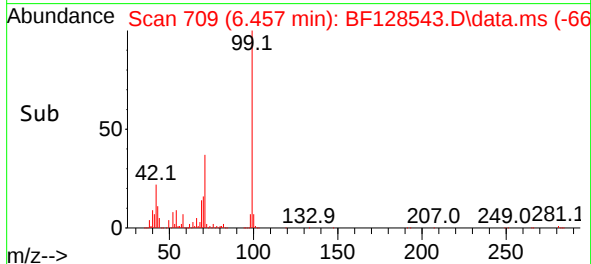
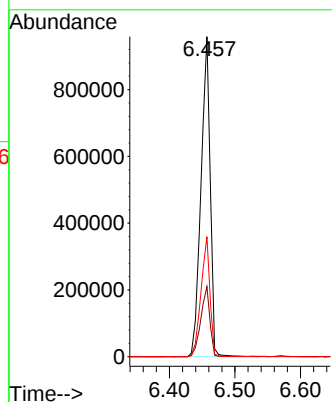
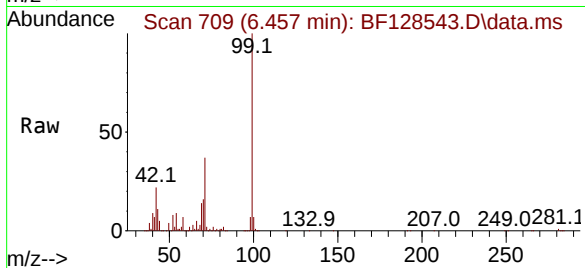




#7
Phenol-d6
Concen: 59.592 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

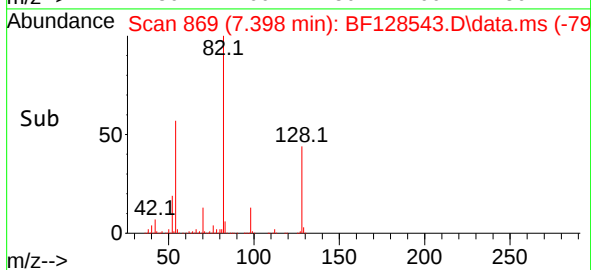
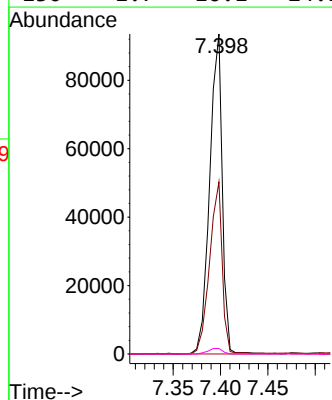
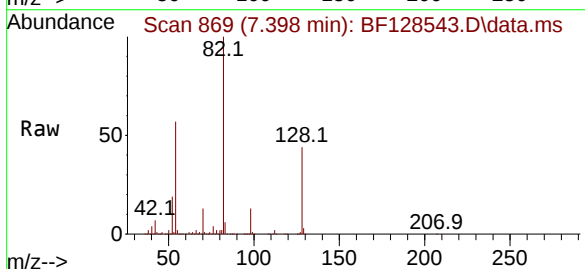
Instrument :
BNA_F
ClientSampleId :
P026-SS001-0006-01

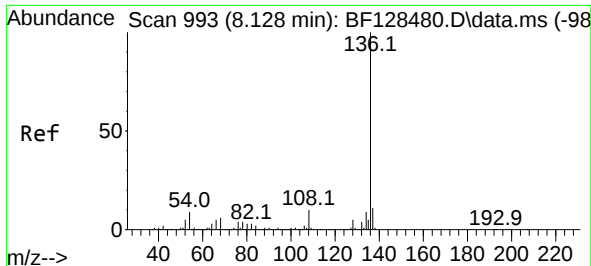
Tgt Ion: 99 Resp: 939464
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 37.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.918 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

Tgt Ion: 70 Resp: 86204
Ion Ratio Lower Upper
70 100
42 53.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

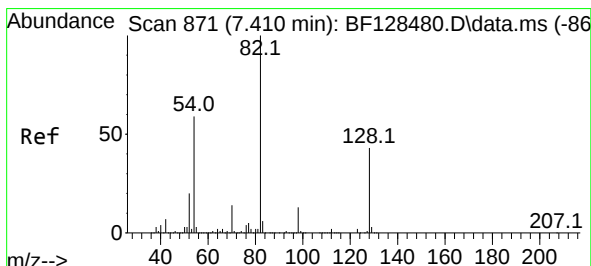
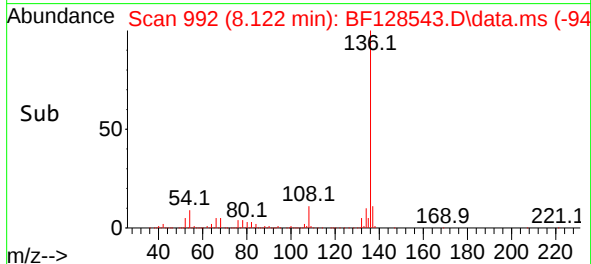
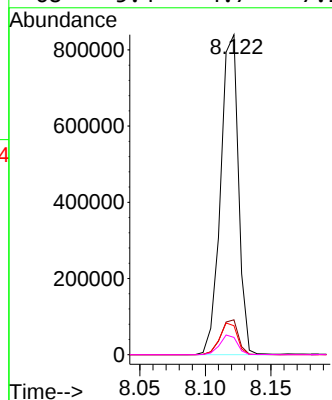
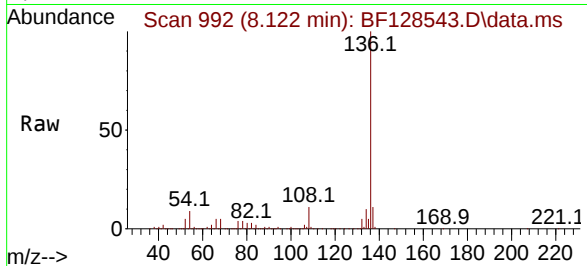




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

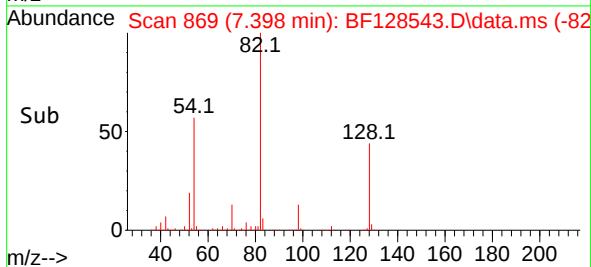
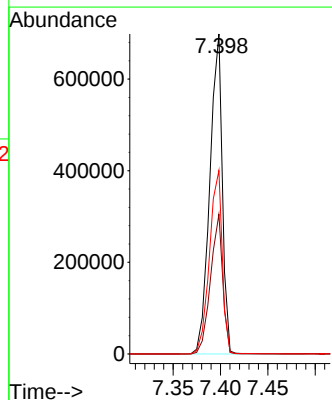
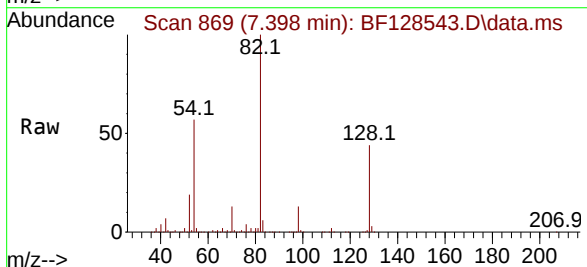
Instrument :
BNA_F
ClientSampleId :
P026-SS001-0006-01

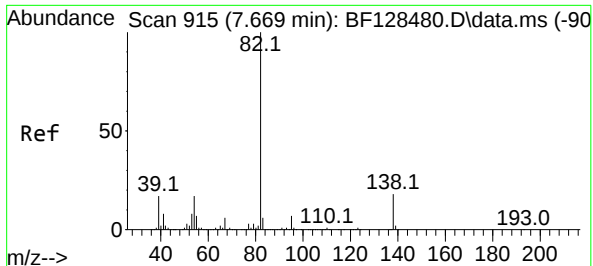
Tgt Ion:136 Resp: 793449
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.5 11.3
68 5.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 46.442 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

Tgt Ion: 82 Resp: 638771
Ion Ratio Lower Upper
82 100
128 43.6 34.0 51.0
54 57.4 46.9 70.3

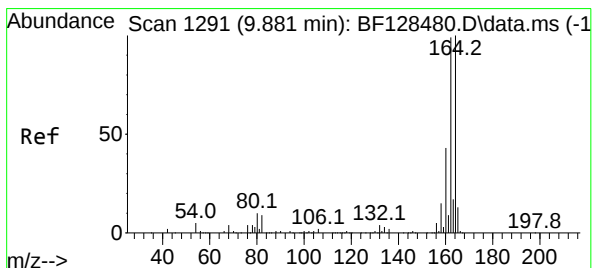
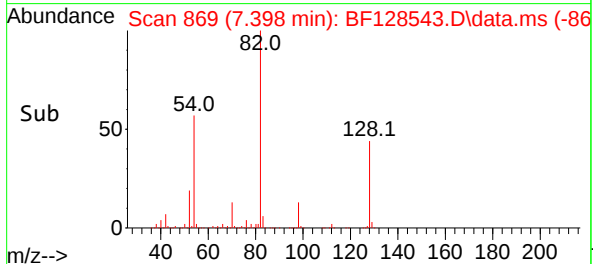
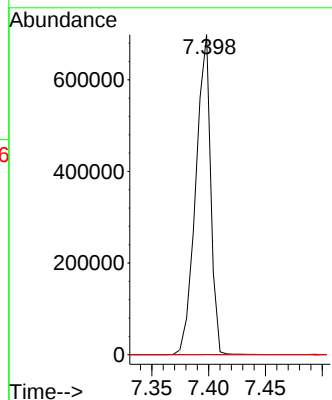
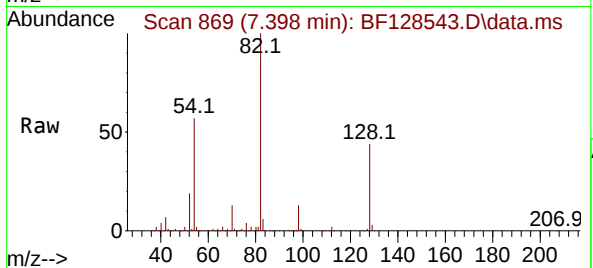




#25
Isophorone
Concen: 24.966 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

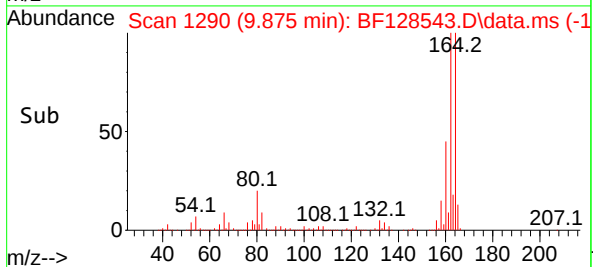
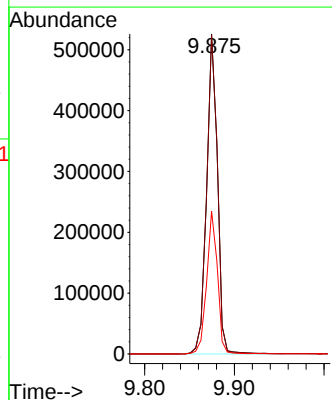
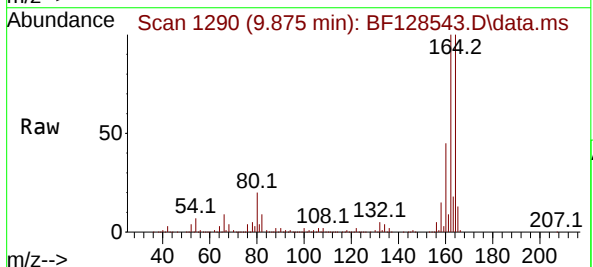
Instrument :
BNA_F
ClientSampleId :
P026-SS001-0006-01

Tgt Ion: 82 Resp: 633452
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: BF128543.D
Acq: 28 May 2022 12:33

Tgt Ion:164 Resp: 439486
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 67.524 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128543.D

Acq: 28 May 2022 12:33

Instrument :

BNA_F

ClientSampleId :

P026-SS001-0006-01

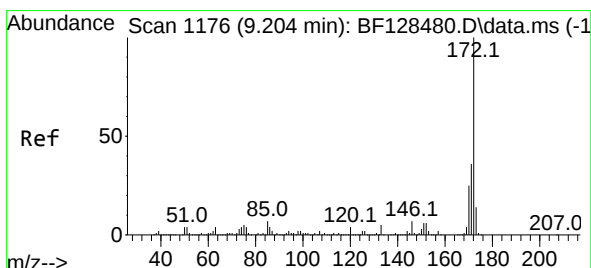
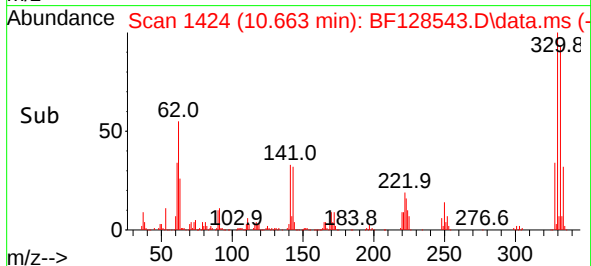
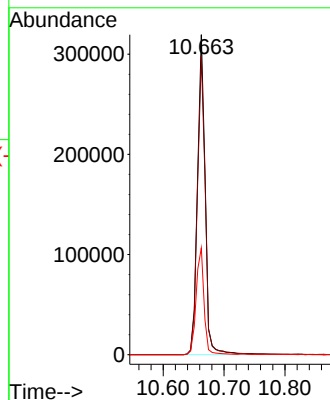
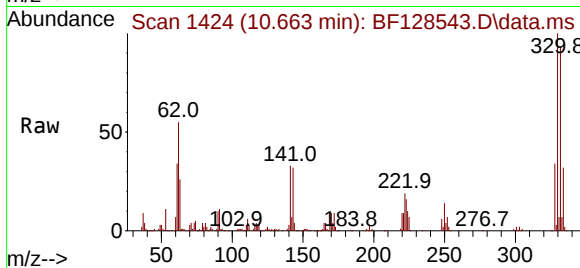
Tgt Ion:330 Resp: 282463

Ion Ratio Lower Upper

330 100

332 95.2 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 46.812 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128543.D

Acq: 28 May 2022 12:33

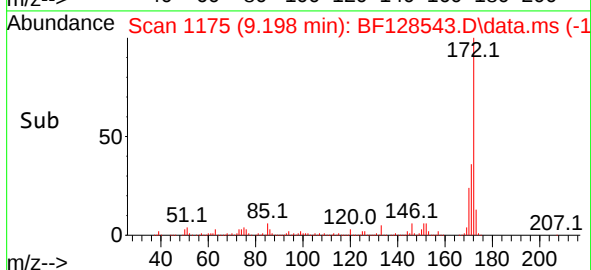
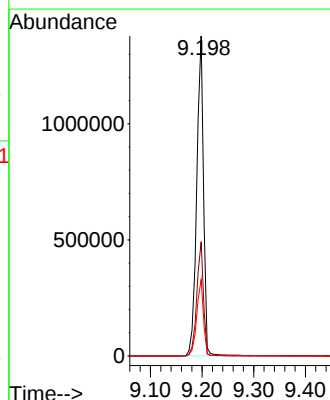
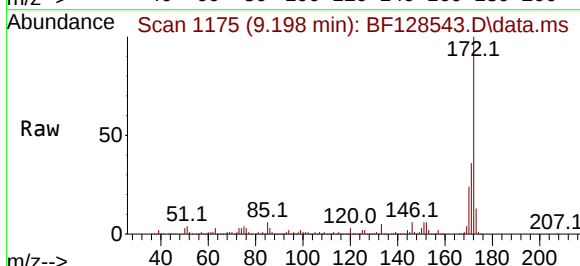
Tgt Ion:172 Resp: 1266317

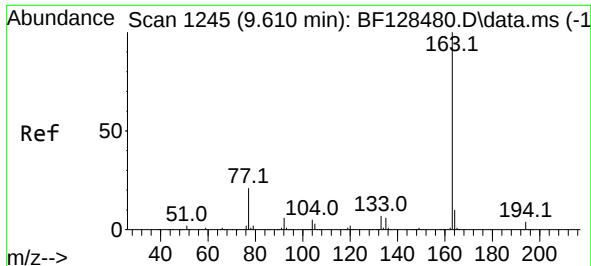
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.9 19.8 29.8

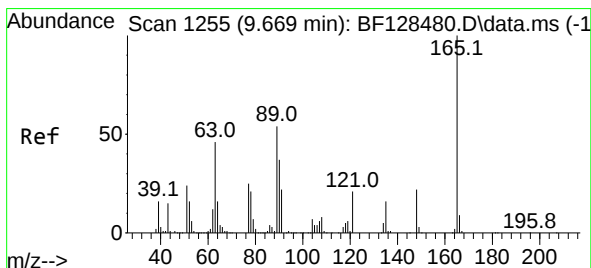
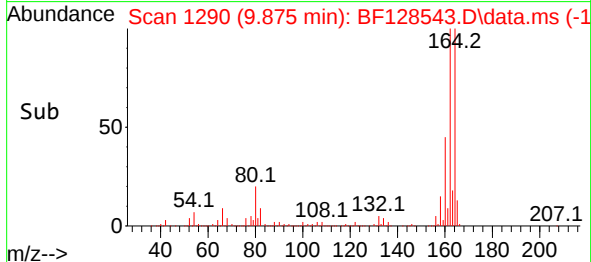
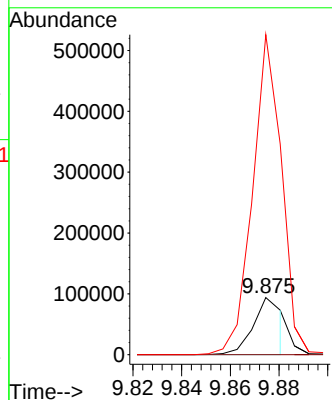
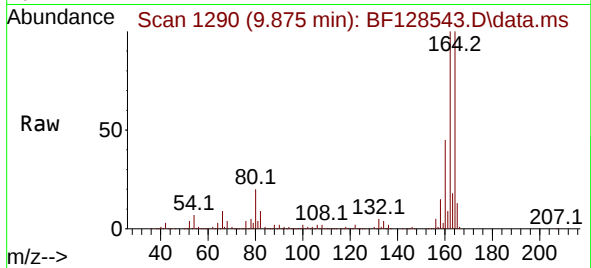




#50
Dimethylphthalate
Concen: 2.699 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

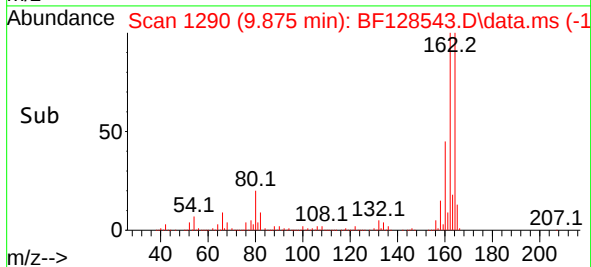
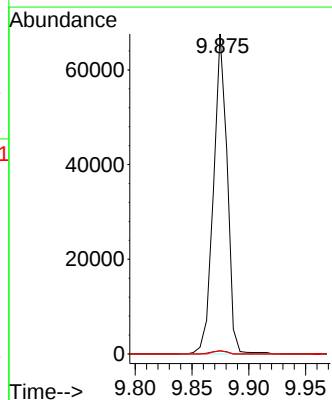
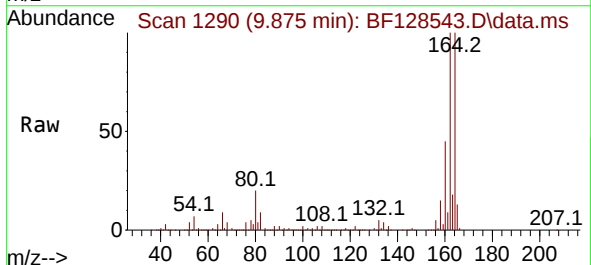
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P026-SS001-0006-01

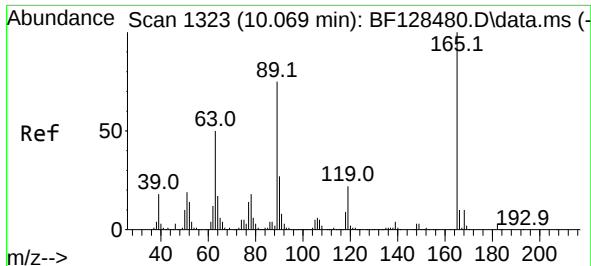
Tgt Ion:163 Resp: 76956
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 559.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.840 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

Tgt Ion:165 Resp: 56634
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 0.9 43.6 65.4#

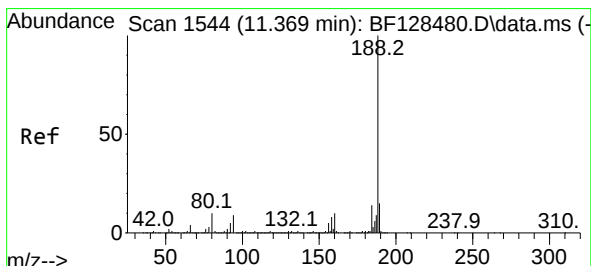
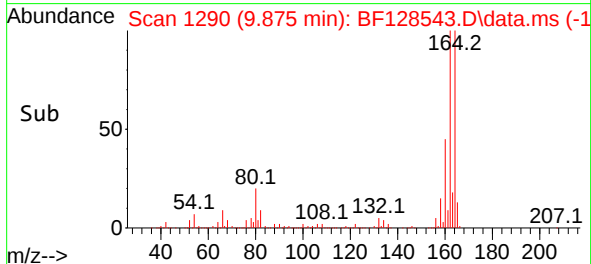
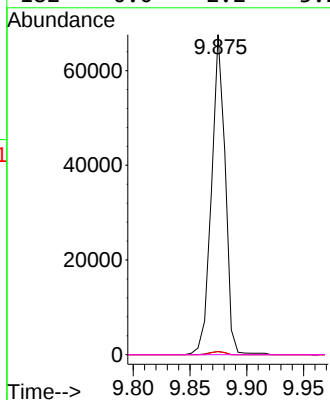
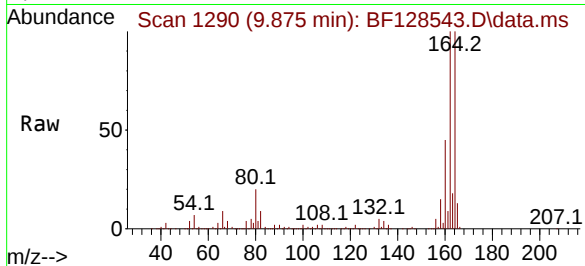




#57
2,4-Dinitrotoluene
Concen: 9.060 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

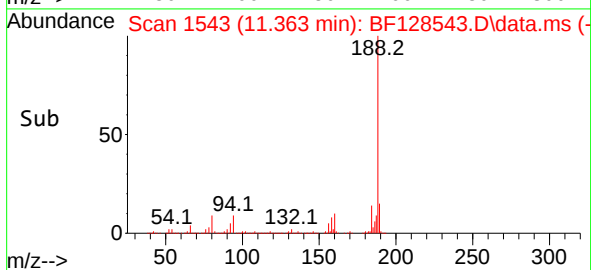
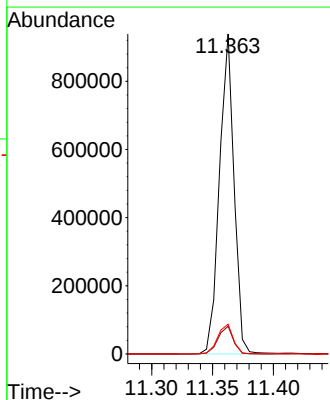
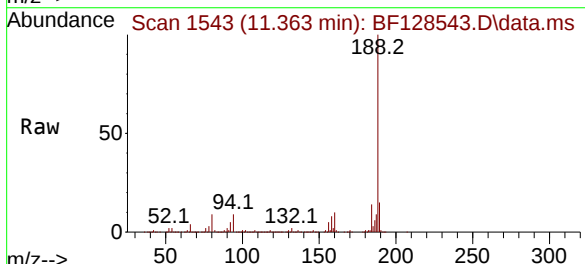
Instrument :
BNA_F
ClientSampleId :
P026-SS001-0006-01

Tgt Ion:165 Resp: 56634
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 0.9 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: BF128543.D
Acq: 28 May 2022 12:33

Tgt Ion:188 Resp: 784938
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.3 7.6 11.4

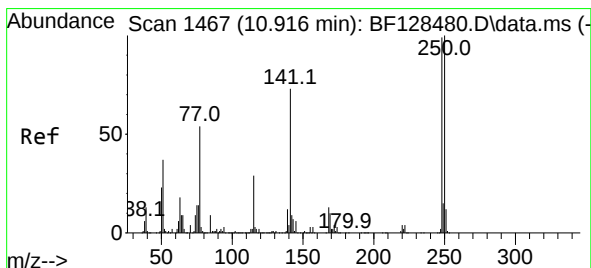
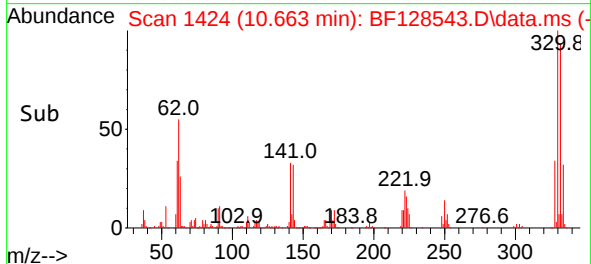
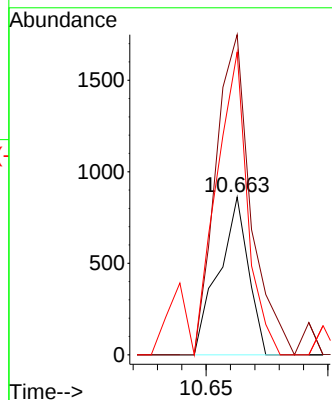
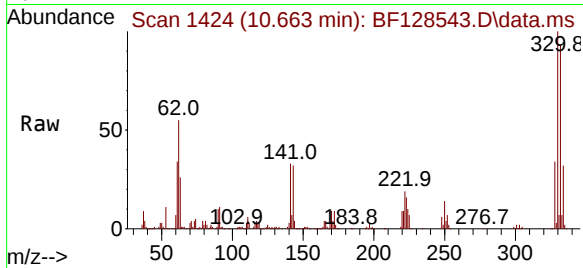




#65
4,6-Dinitro-2-methylphenol
Concen: 5.680 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

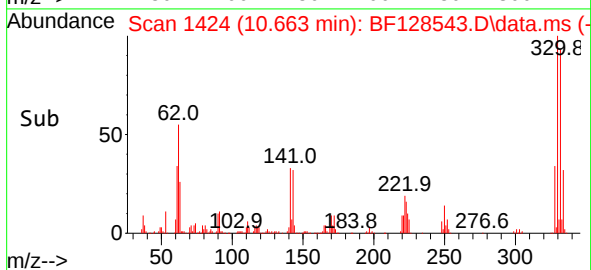
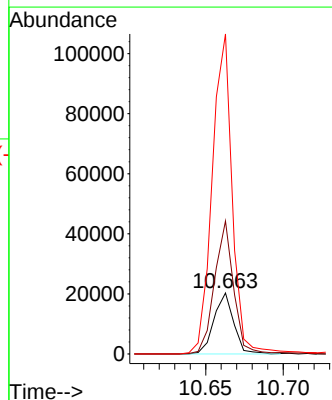
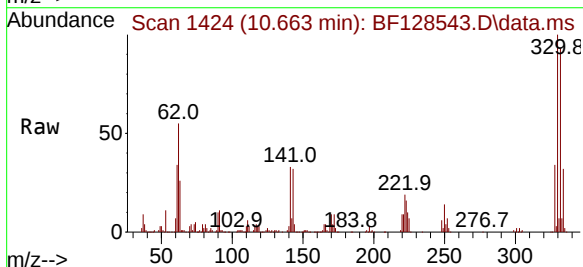
Instrument :
BNA_F
ClientSampleId :
P026-SS001-0006-01

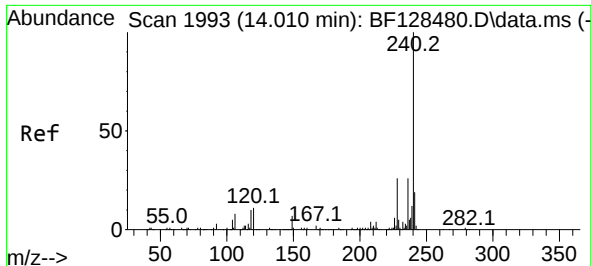
Tgt Ion:198 Resp: 731
Ion Ratio Lower Upper
198 100
51 202.9 37.6 77.6#
105 191.9 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 2.211 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

Tgt Ion:248 Resp: 17932
Ion Ratio Lower Upper
248 100
250 218.3 80.6 120.8#
141 525.5 58.9 88.3#

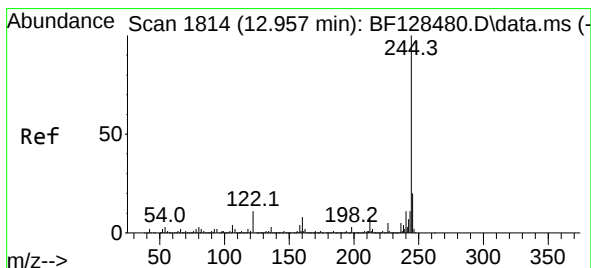
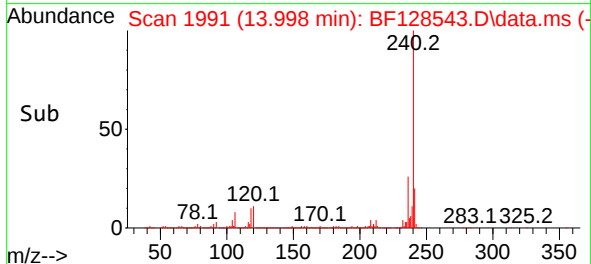
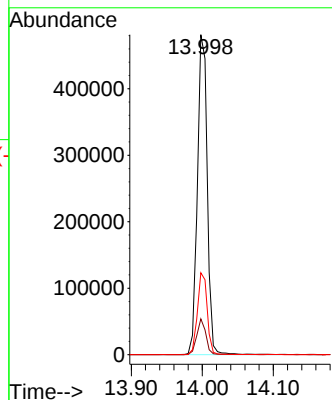
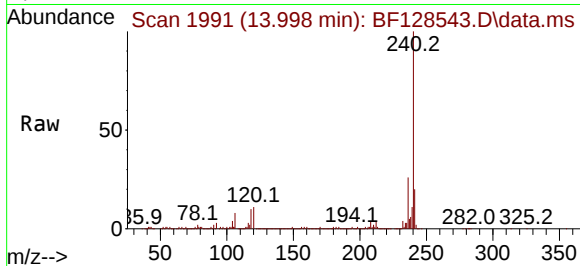




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

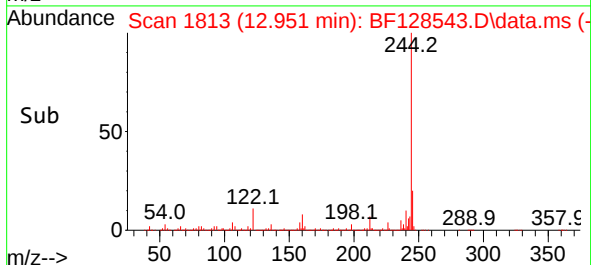
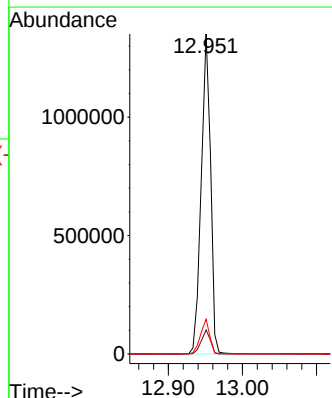
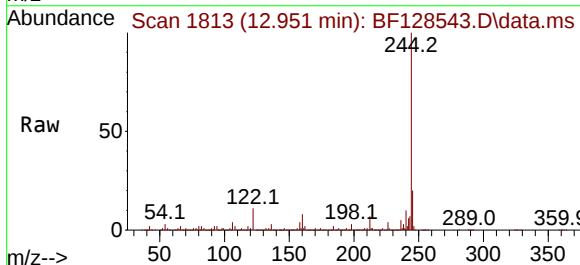
Instrument :
BNA_F
ClientSampleId :
P026-SS001-0006-01

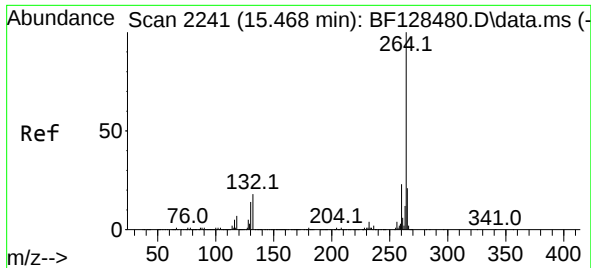
Tgt Ion:240 Resp: 465834
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 49.386 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128543.D
Acq: 28 May 2022 12:33

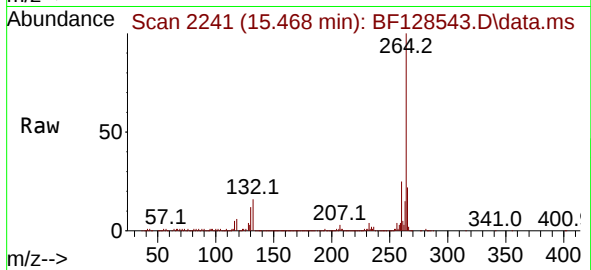
Tgt Ion:244 Resp: 1190790
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128543.D
 Acq: 28 May 2022 12:33

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS001-0006-01



Tgt Ion:264 Resp: 376881
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.4 27.6
 265 21.6 17.2 25.8

