

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128552.D
 Acq On : 28 May 2022 17:06
 Operator : CG\JU
 Sample : N2931-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-1824-01

Quant Time: May 28 22:43:06 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)

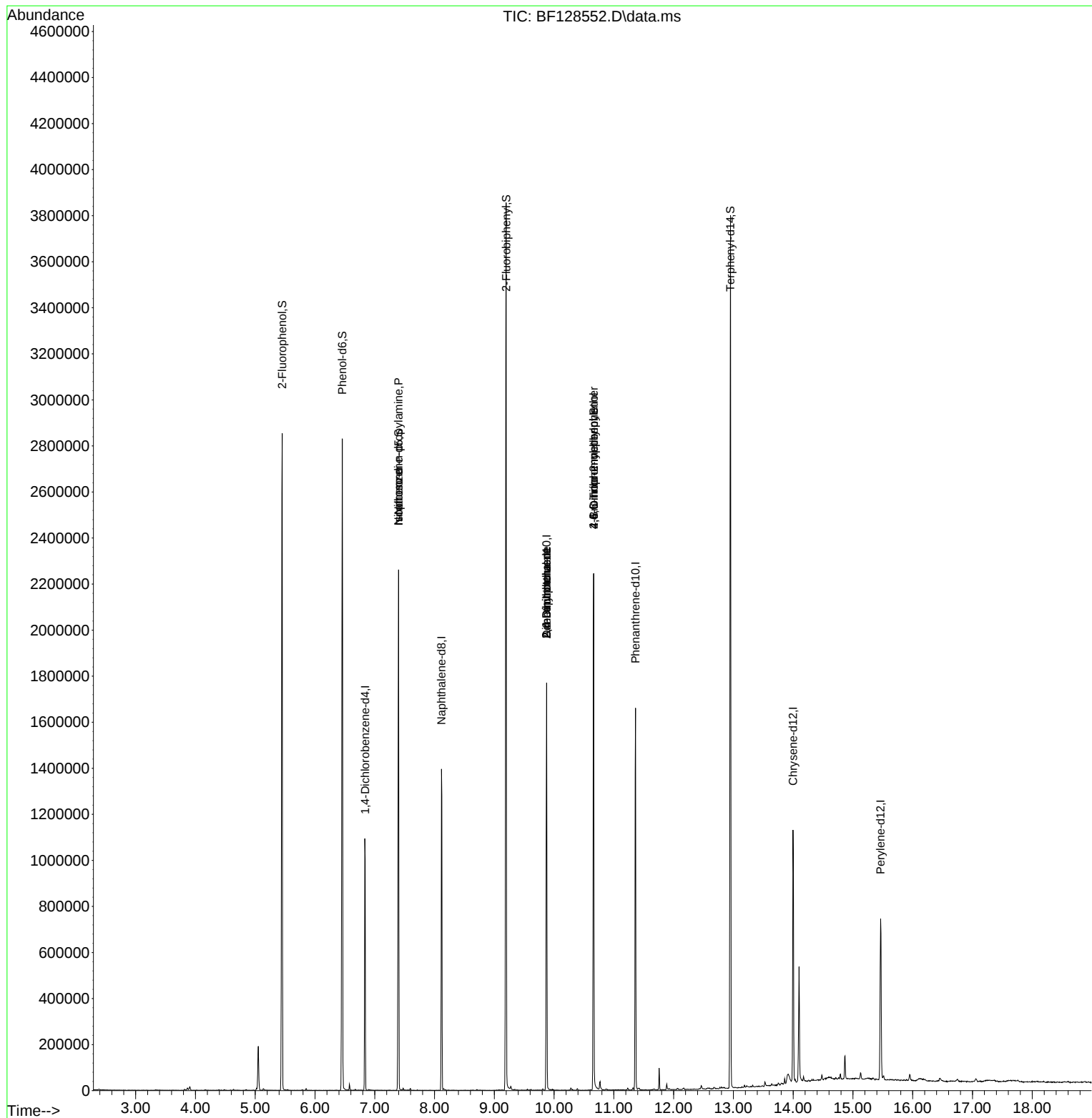
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	156559	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	599973	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	335158	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	591450	20.000	ng	0.00
76) Chrysene-d12	13.998	240	374987	20.000	ng	-0.01
86) Perylene-d12	15.463	264	327120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	752902	79.658	ng	0.00
7) Phenol-d6	6.457	99	982188	81.501	ng	-0.01
23) Nitrobenzene-d5	7.398	82	652196	62.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	252836	79.256	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1212160	58.758	ng	0.00
79) Terphenyl-d14	12.951	244	1260568	64.945	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	57	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	88894	12.030	ng	# 77
25) Isophorone	7.398	82	652181	33.993	ng	# 65
50) Dimethylphthalate	9.875	163	60674	2.791	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	42844	10.753	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	42844	8.988	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	635	5.708	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	16576	2.713	ng	# 1

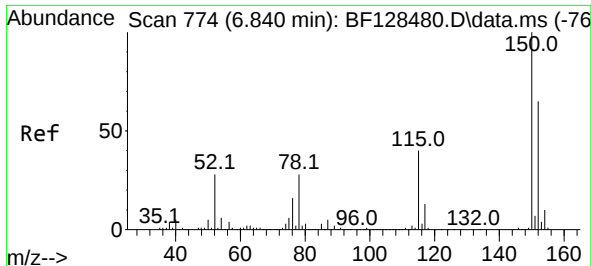
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
Data File : BF128552.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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P009-SS003-1824-01

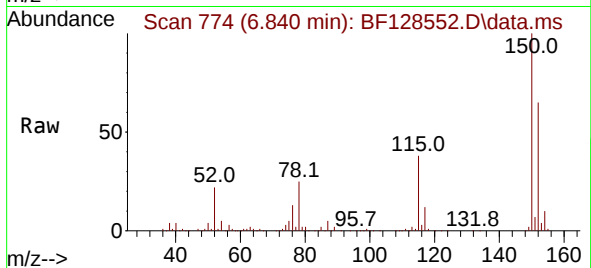
Quant Time: May 28 22:43:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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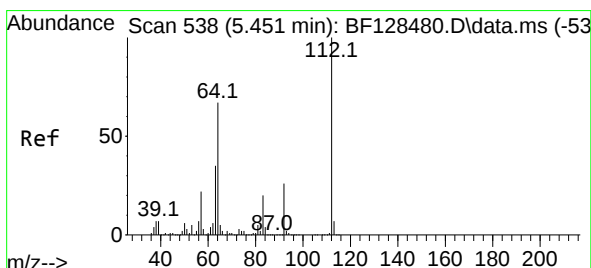
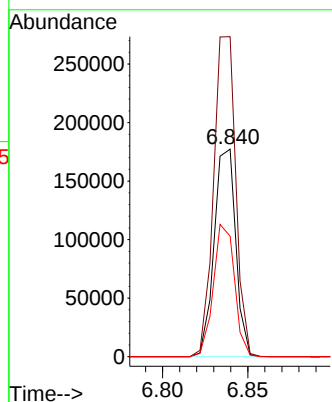
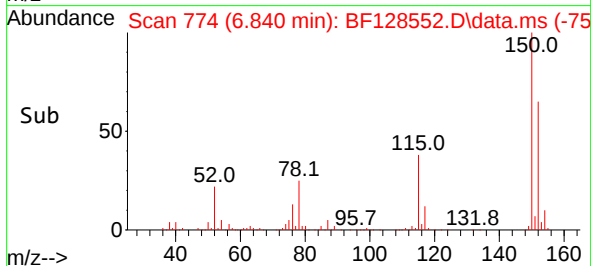


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

Instrument :
BNA_F
ClientSampleId :
P009-SS003-1824-01

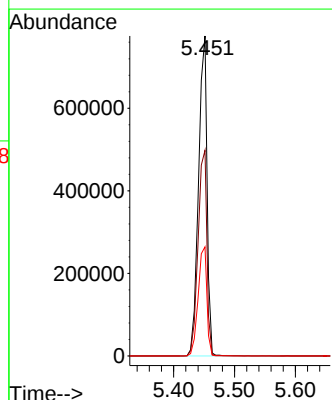
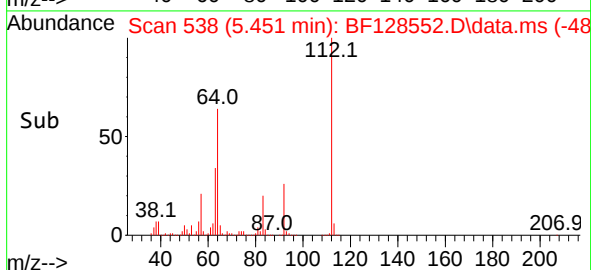
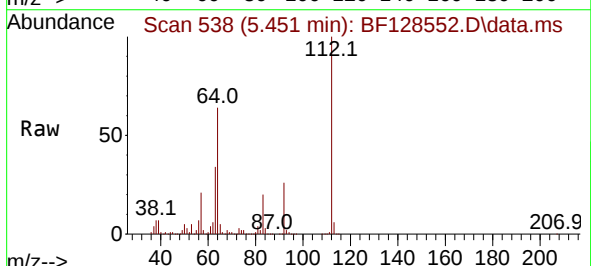


Tgt Ion:152 Resp: 156559
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 79.658 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

Tgt Ion:112 Resp: 752902
Ion Ratio Lower Upper
112 100
64 64.3 53.3 79.9
63 34.1 28.0 42.0

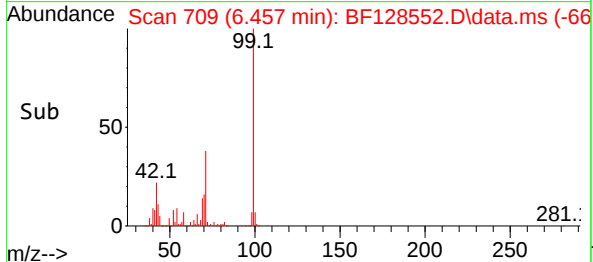
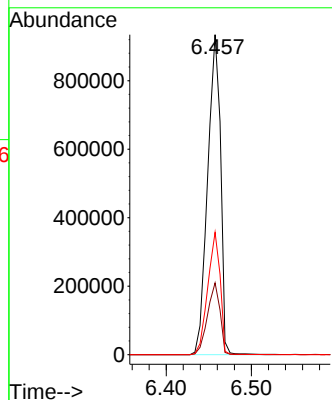
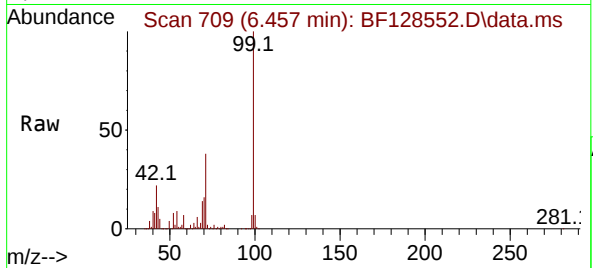




#7
Phenol-d6
Concen: 81.501 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

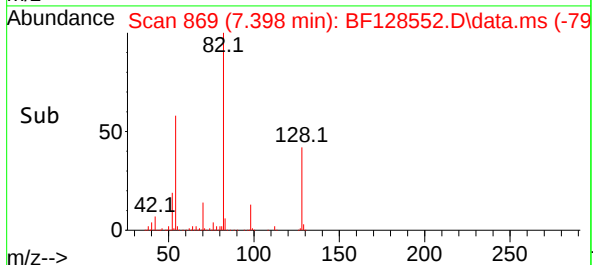
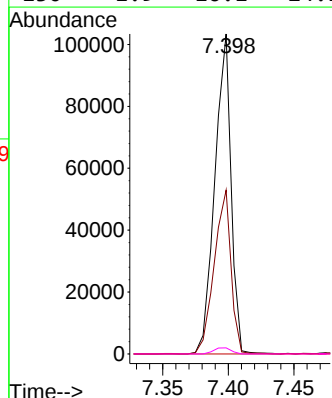
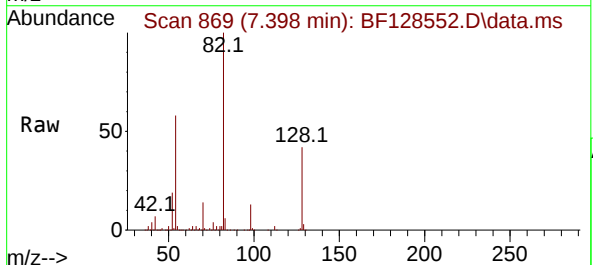
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1824-01

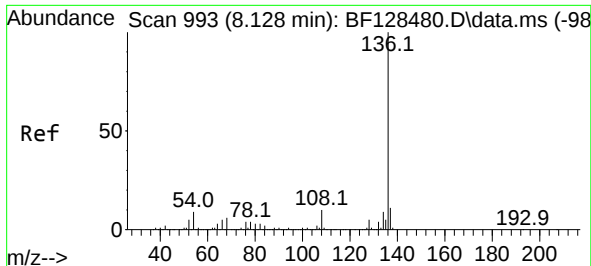
Tgt Ion: 99 Resp: 982188
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 38.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.030 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

Tgt Ion: 70 Resp: 88894
Ion Ratio Lower Upper
70 100
42 51.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

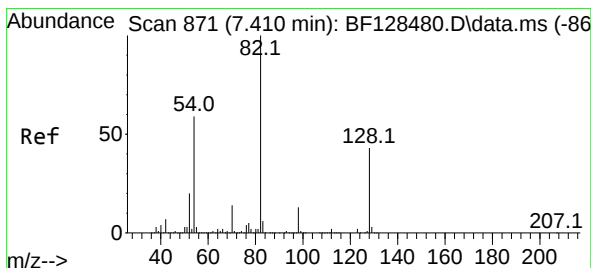
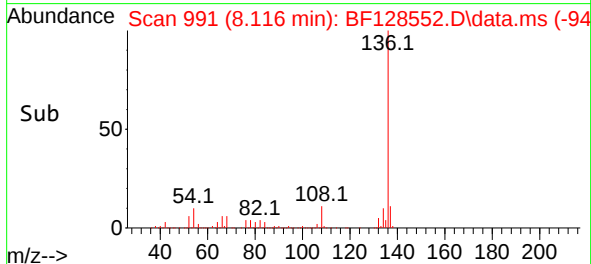
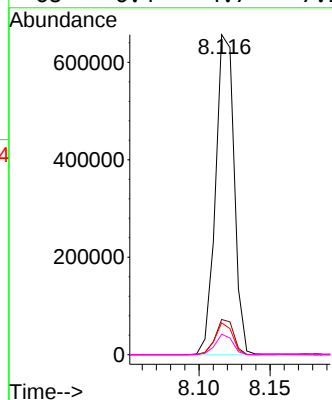
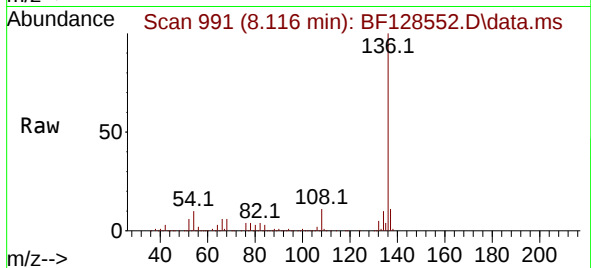




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

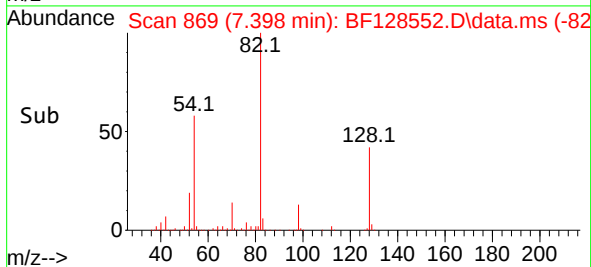
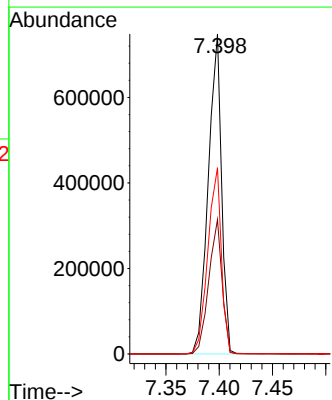
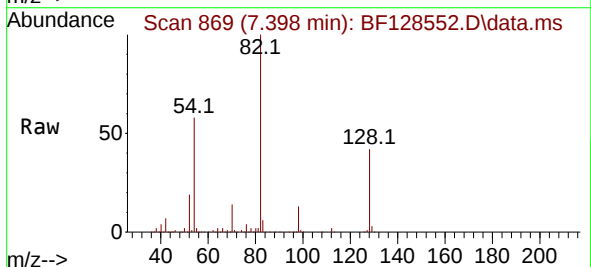
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1824-01

Tgt	Ion:136	Resp:	599973
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.9	7.5	11.3
68	6.4	4.7	7.1



#23
Nitrobenzene-d5
Concen: 62.709 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

Tgt Ion: 82	Resp: 652196
Ion Ratio	Lower Upper
82 100	
128 42.0	34.0 51.0
54 58.2	46.9 70.3

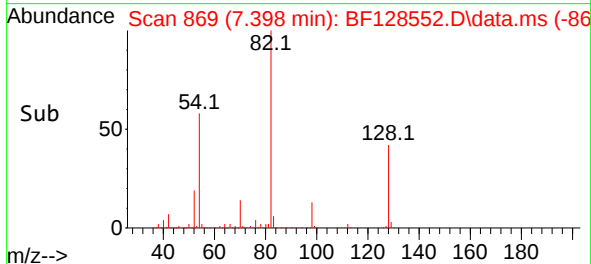
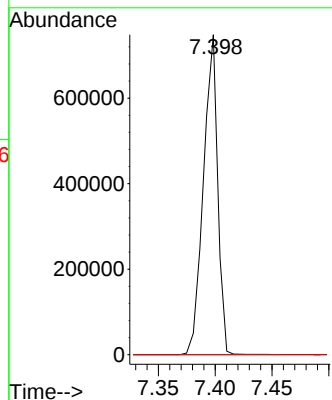
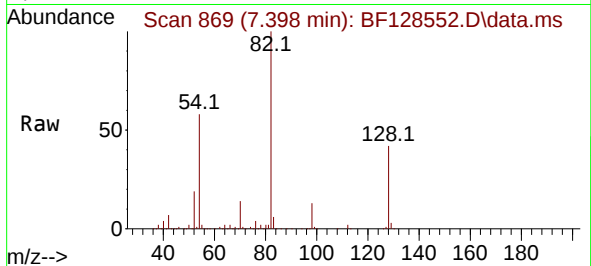




#25
Isophorone
Concen: 33.993 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

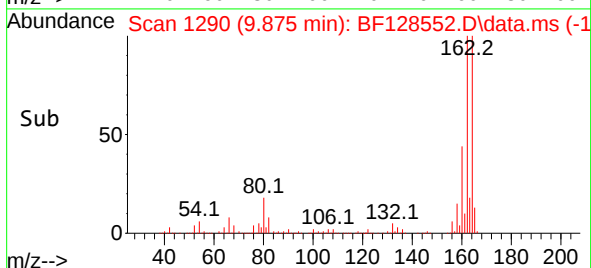
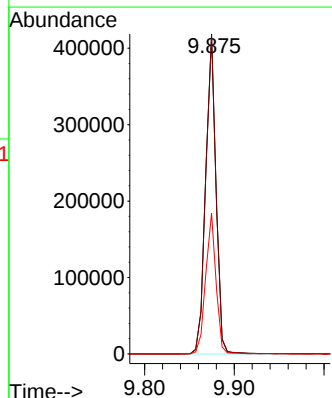
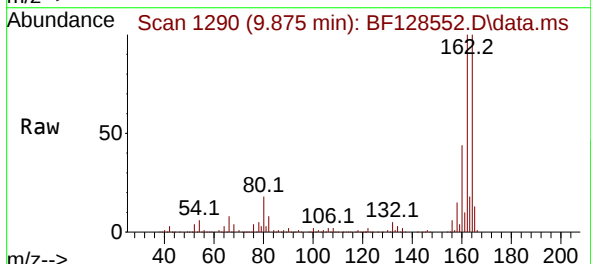
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1824-01

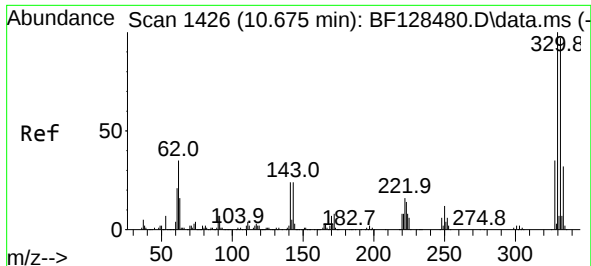
Tgt Ion: 82 Resp: 652181
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

Tgt Ion: 164 Resp: 335158
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 79.256 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128552.D

Acq: 28 May 2022 17:06

Instrument :

BNA_F

ClientSampleId :

P009-SS003-1824-01

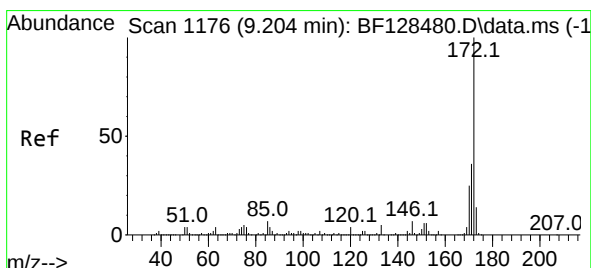
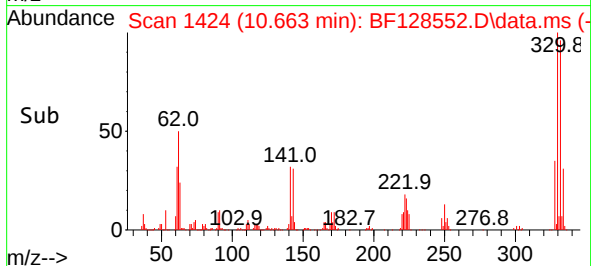
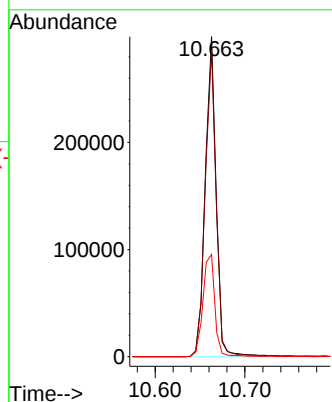
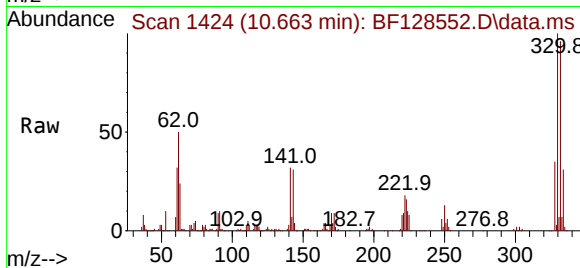
Tgt Ion:330 Resp: 252836

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.758 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128552.D

Acq: 28 May 2022 17:06

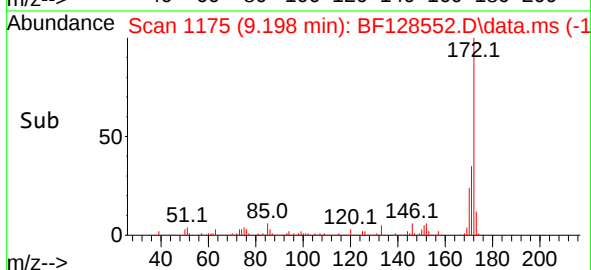
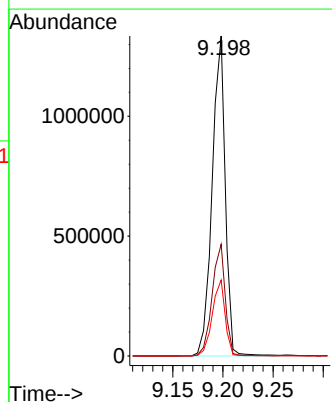
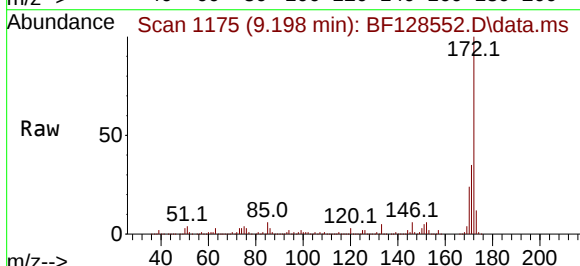
Tgt Ion:172 Resp: 1212160

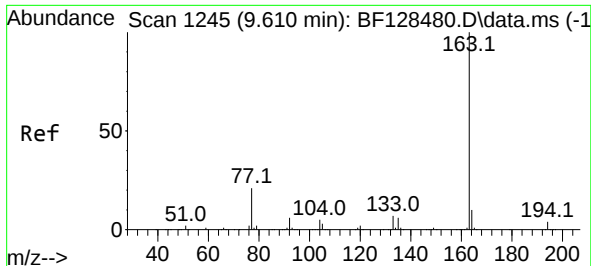
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.7 19.8 29.8

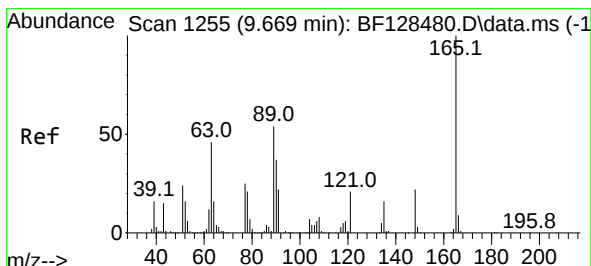
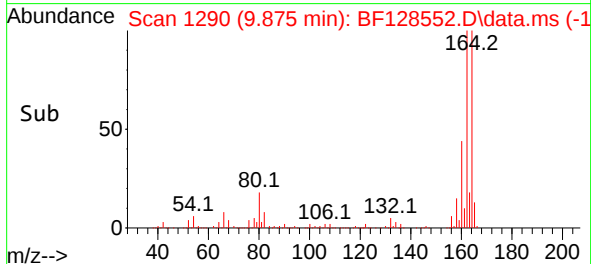
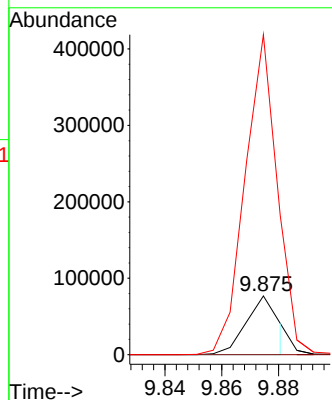
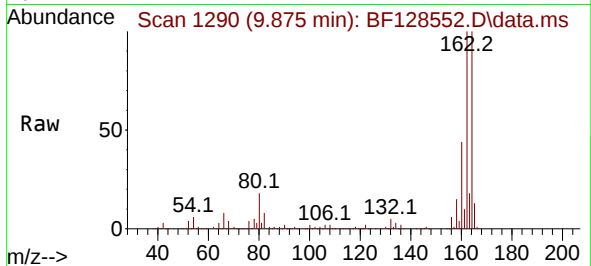




#50
Dimethylphthalate
Concen: 2.791 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

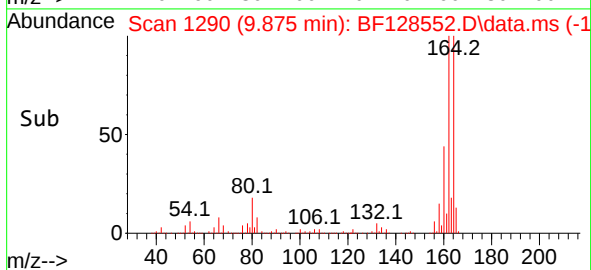
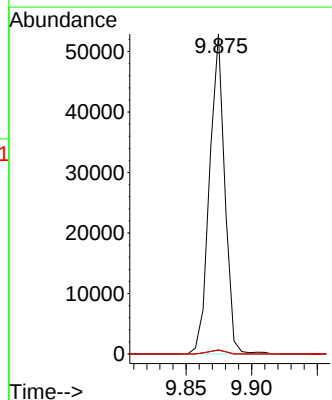
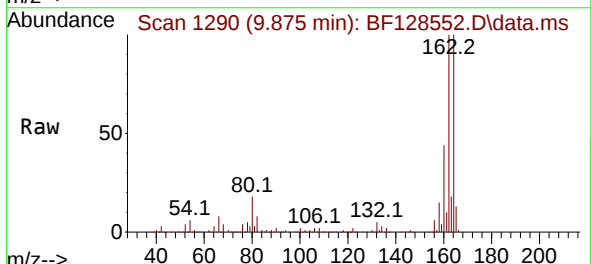
Instrument :
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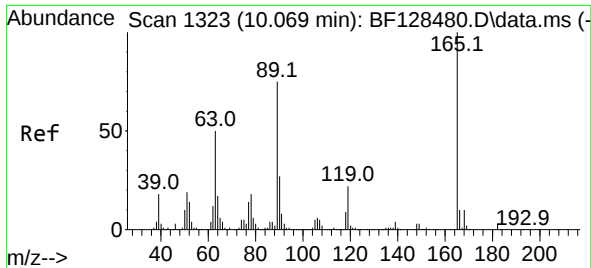
Tgt Ion:163 Resp: 60674
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 545.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.753 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

Tgt Ion:165 Resp: 42844
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.3 43.6 65.4#

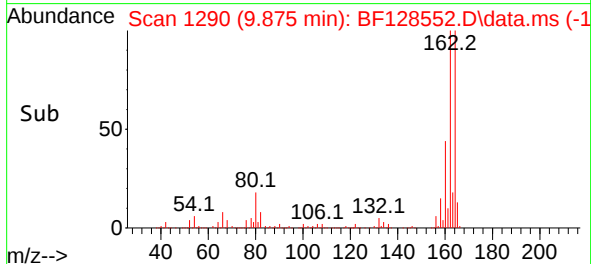
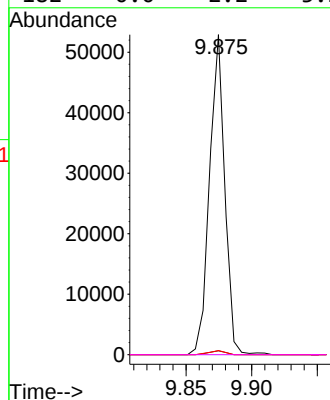
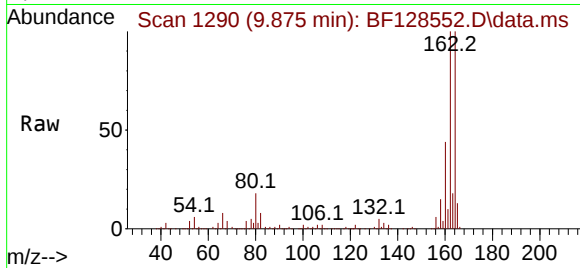




#57
2,4-Dinitrotoluene
Concen: 8.988 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

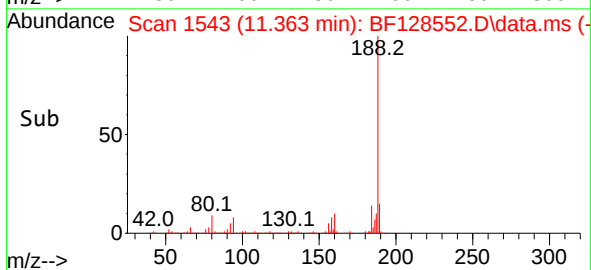
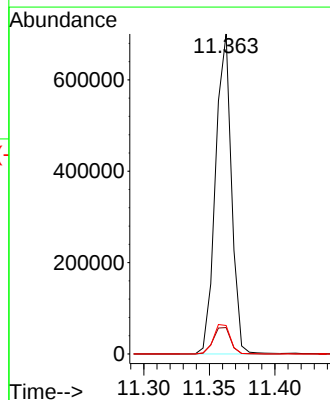
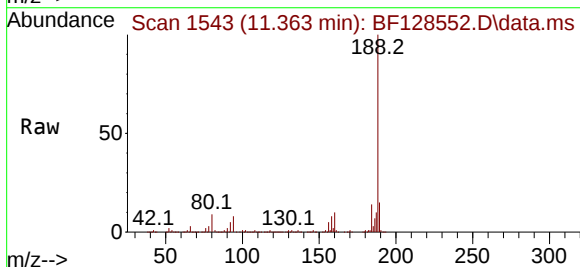
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1824-01

Tgt Ion:165 Resp: 42844
Ion Ratio Lower Upper
165 100
63 1.2 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: BF128552.D
Acq: 28 May 2022 17:06

Tgt Ion:188 Resp: 591450
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.9 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.708 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128552.D

Acq: 28 May 2022 17:06

Instrument :

BNA_F

ClientSampleId :

P009-SS003-1824-01

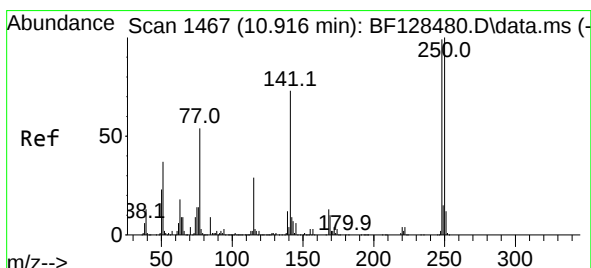
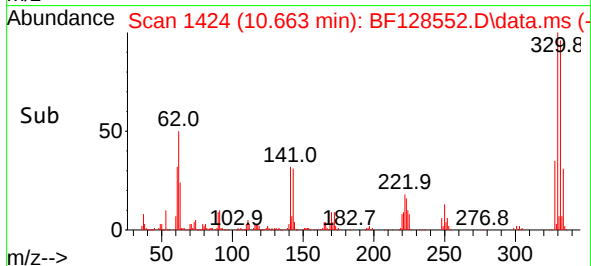
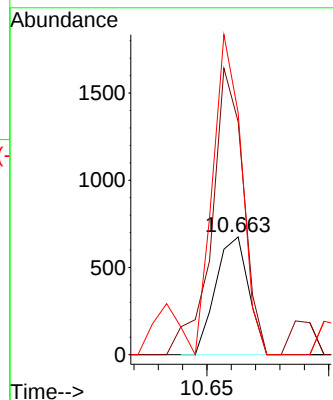
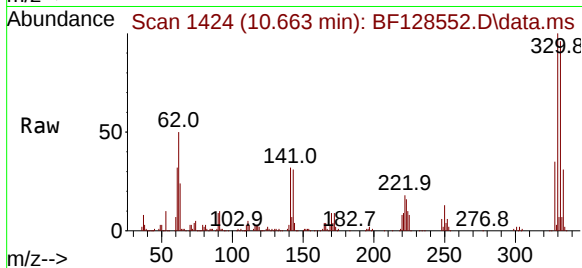
Tgt Ion:198 Resp: 635

Ion Ratio Lower Upper

198 100

51 197.9 37.6 77.6#

105 205.3 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 2.713 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128552.D

Acq: 28 May 2022 17:06

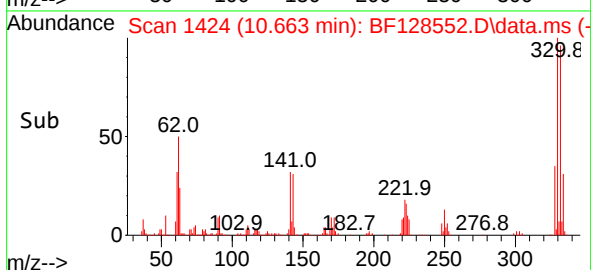
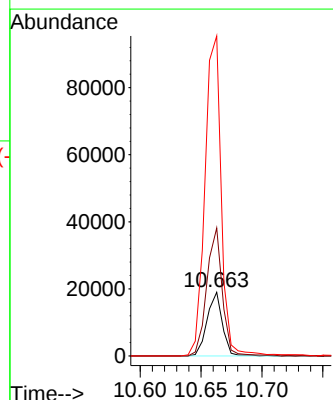
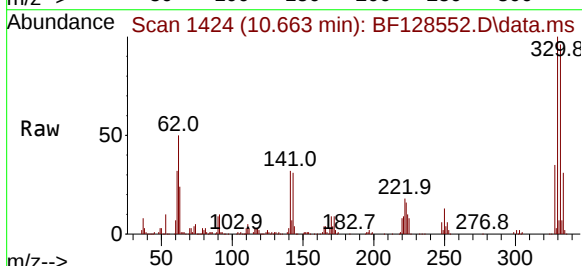
Tgt Ion:248 Resp: 16576

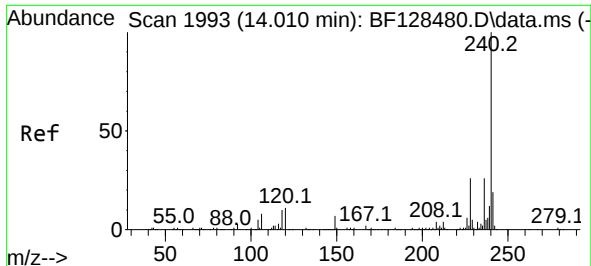
Ion Ratio Lower Upper

248 100

250 200.8 80.6 120.8#

141 502.2 58.9 88.3#

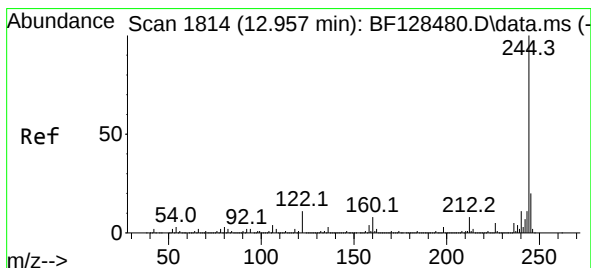
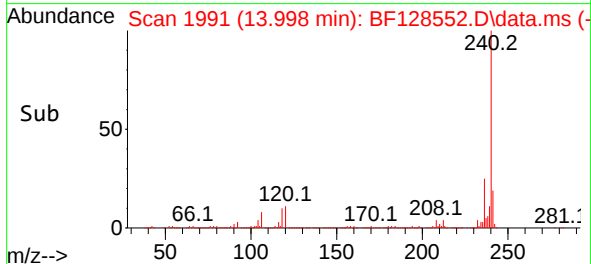
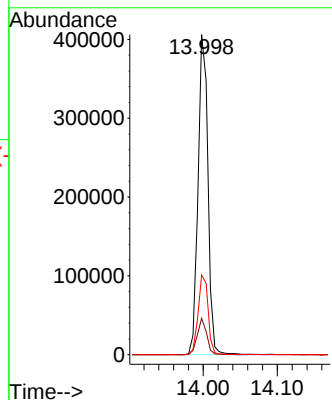
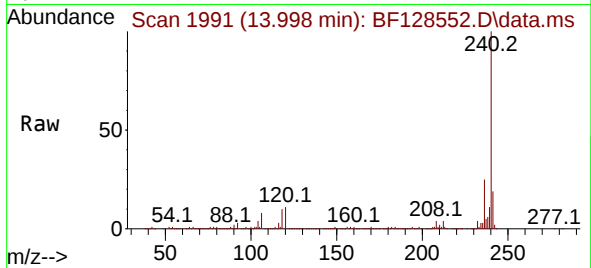




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

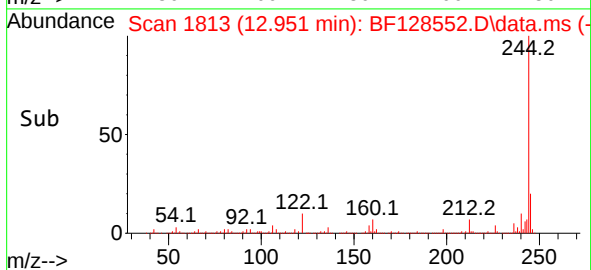
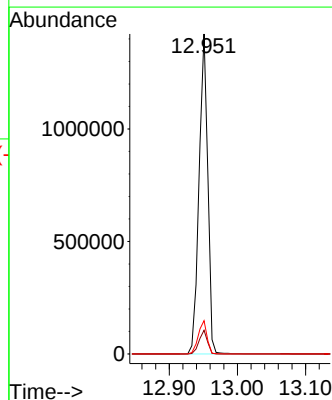
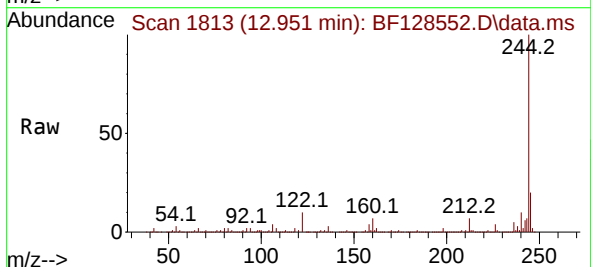
Instrument :
BNA_F
ClientSampleId :
P009-SS003-1824-01

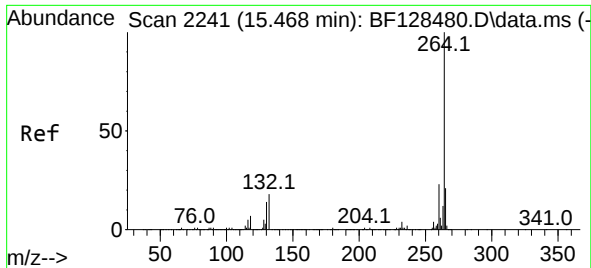
Tgt Ion:240 Resp: 374987
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 24.9 20.8 31.2



#79
Terphenyl-d14
Concen: 64.945 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128552.D
Acq: 28 May 2022 17:06

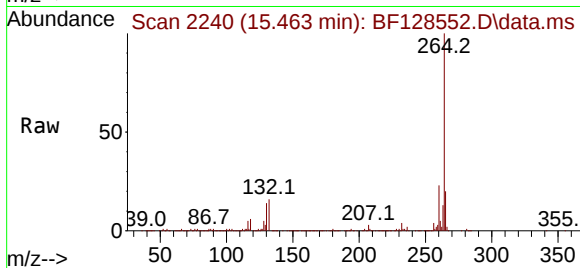
Tgt Ion:244 Resp: 1260568
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 10.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128552.D
 Acq: 28 May 2022 17:06

Instrument :
 BNA_F
 ClientSampleId :
 P009-SS003-1824-01



Tgt Ion:264 Resp: 327120
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 20.4 17.2 25.8

