

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
 Data File : BF128550.D
 Acq On : 28 May 2022 16:06
 Operator : CG\JU
 Sample : N2933-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P023-SS001-1824-01

Quant Time: May 28 22:42:53 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)

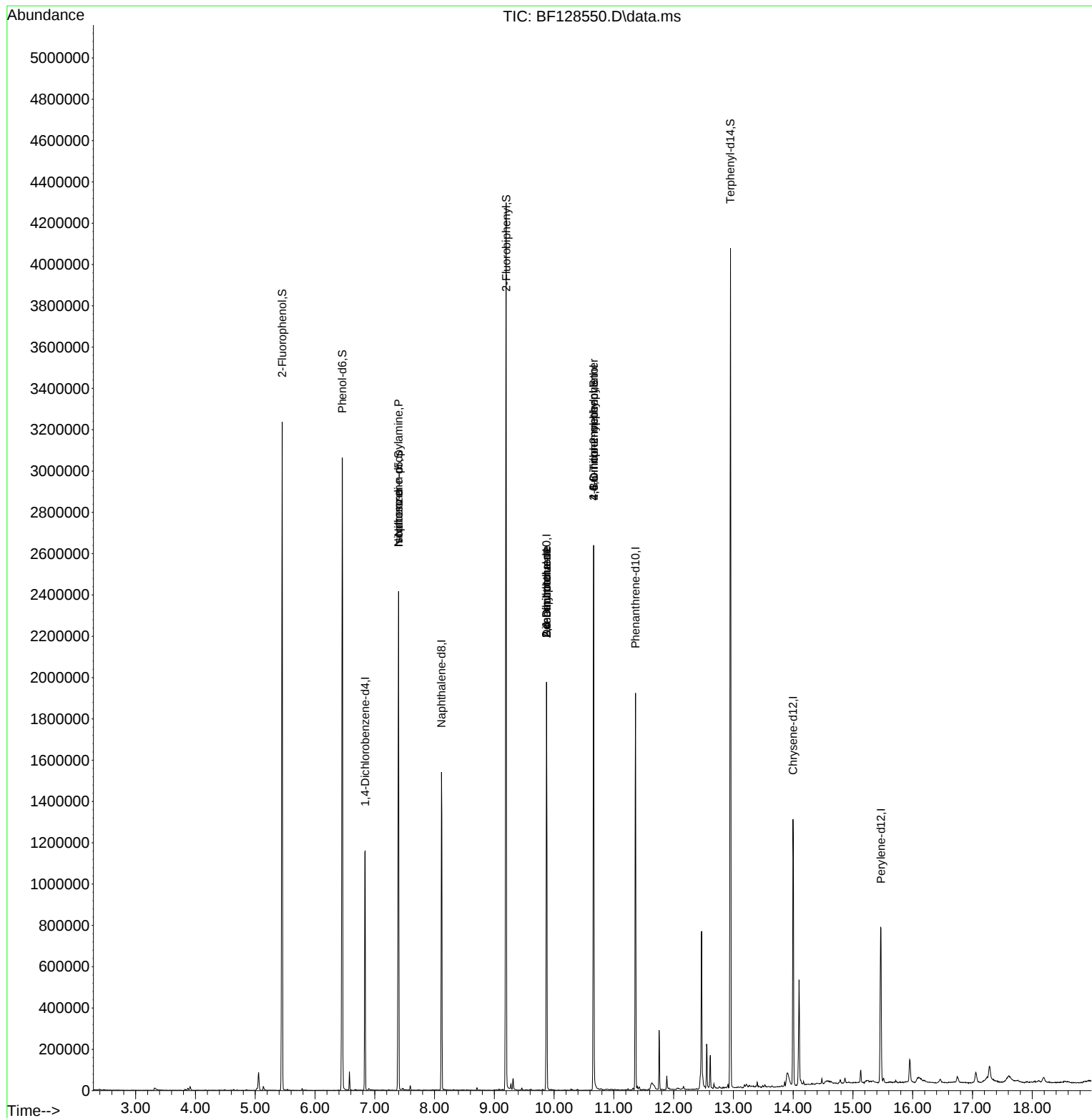
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	171308	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	671820	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	374729	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	687938	20.000	ng	0.00
76) Chrysene-d12	13.998	240	446774	20.000	ng	-0.01
86) Perylene-d12	15.468	264	361443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	821345	79.417	ng	0.00
7) Phenol-d6	6.457	99	1076044	81.602	ng	-0.01
23) Nitrobenzene-d5	7.398	82	716449	61.520	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	294065	82.445	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1332875	57.787	ng	0.00
79) Terphenyl-d14	12.951	244	1388499	60.042	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	55	Below Cal	#	45
19) n-Nitroso-di-n-propyla...	7.398	70	96784	11.971	ng	# 78
25) Isophorone	7.398	82	716440	33.349	ng	# 65
50) Dimethylphthalate	9.875	163	65204	2.682	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	48822	10.959	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	48822	9.160	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	740	5.708	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	19836	2.791	ng	# 1

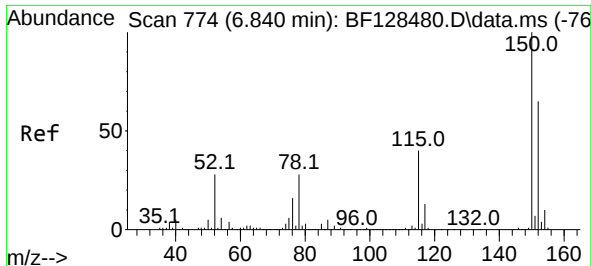
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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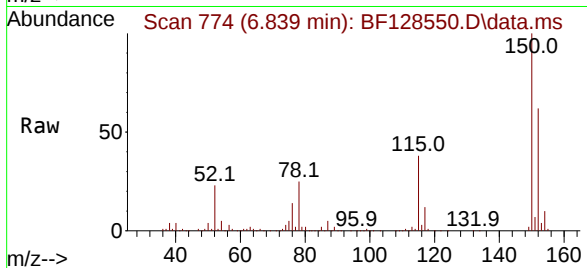
Quant Time: May 28 22:42:53 2022
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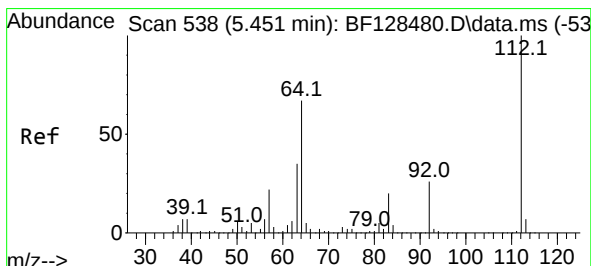
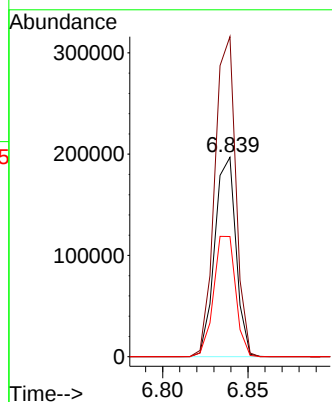
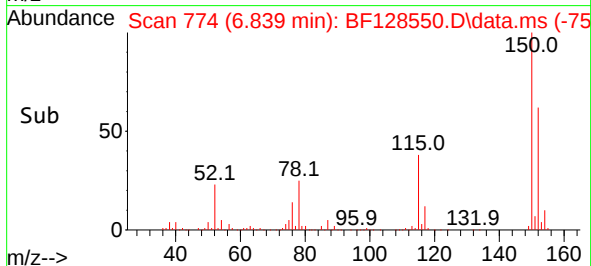


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

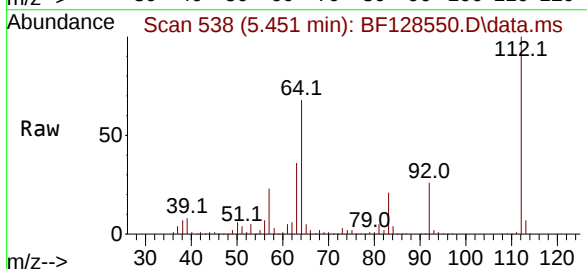
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1824-01



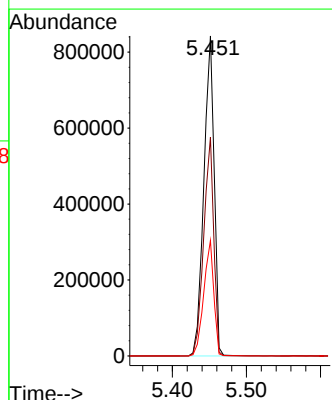
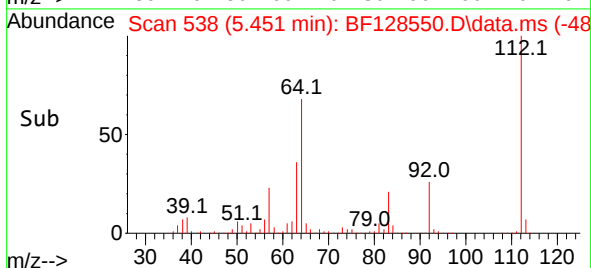
Tgt Ion:152 Resp: 171308
Ion Ratio Lower Upper
152 100
150 160.5 123.7 185.5
115 60.2 49.9 74.9

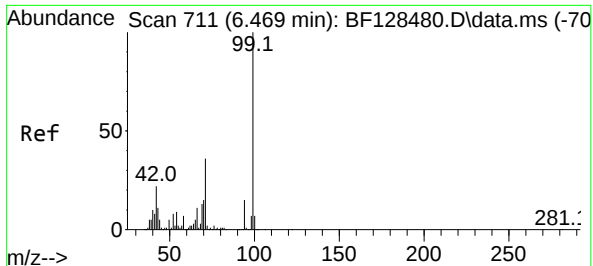


#5
2-Fluorophenol
Concen: 79.417 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06



Tgt Ion:112 Resp: 821345
Ion Ratio Lower Upper
112 100
64 68.4 53.3 79.9
63 36.1 28.0 42.0

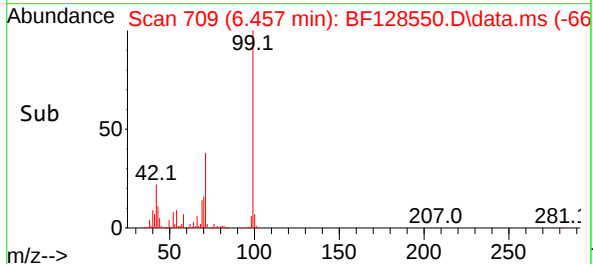
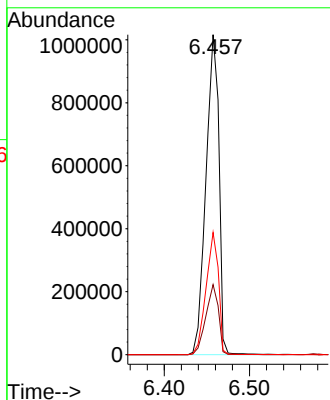
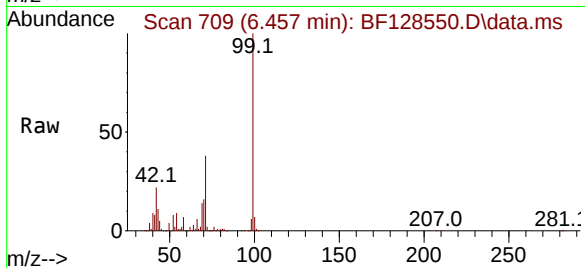




#7
Phenol-d6
Concen: 81.602 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

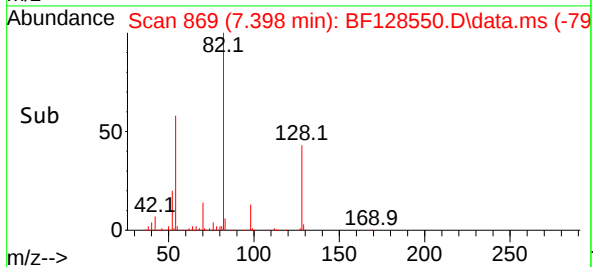
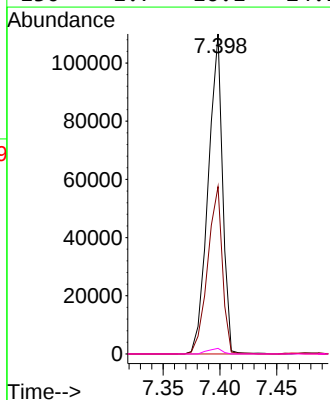
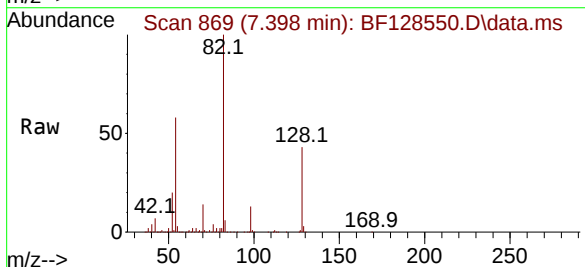
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1824-01

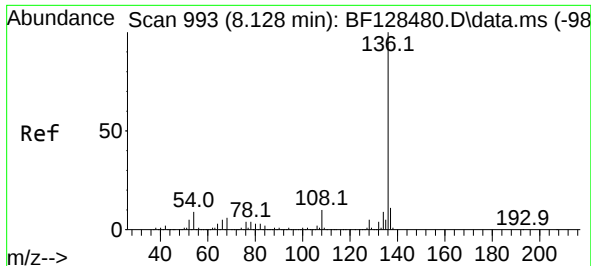
Tgt Ion: 99 Resp: 1076044
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 38.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.971 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

Tgt Ion: 70 Resp: 96784
Ion Ratio Lower Upper
70 100
42 52.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

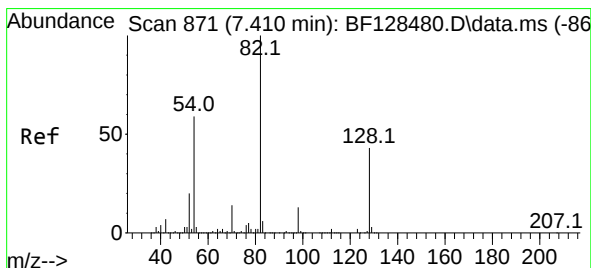
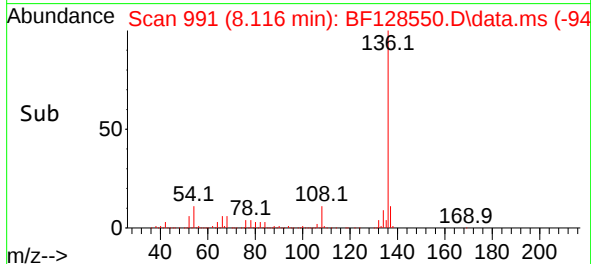
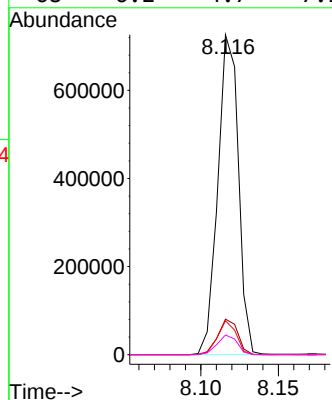
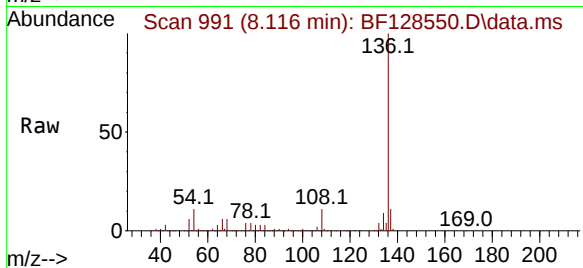




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

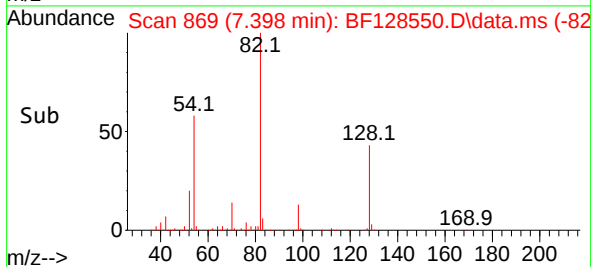
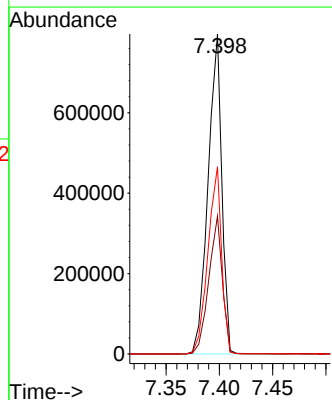
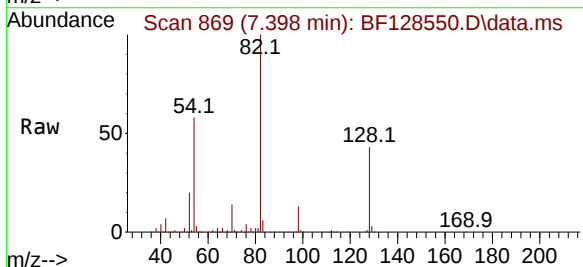
Instrument :
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ClientSampleId :
P023-SS001-1824-01

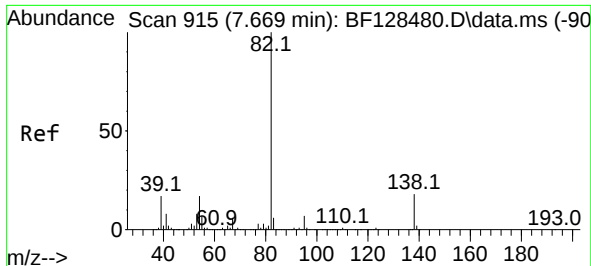
Tgt Ion:	136	Resp:	671820
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.6	7.5	11.3
68	6.2	4.7	7.1



#23
Nitrobenzene-d5
Concen: 61.520 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

Tgt Ion:	82	Resp:	716449
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	58.5	46.9	70.3

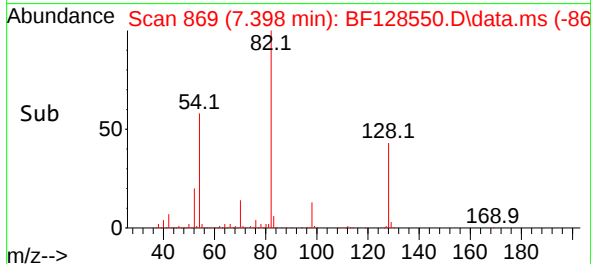
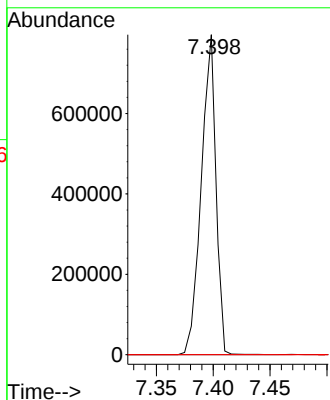
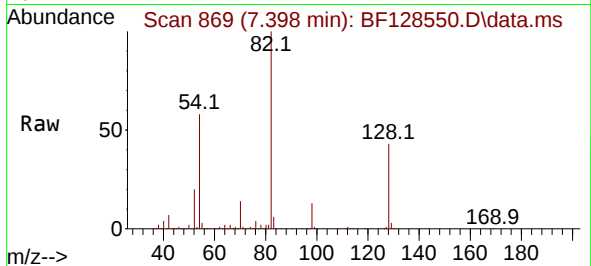




#25
Isophorone
Concen: 33.349 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

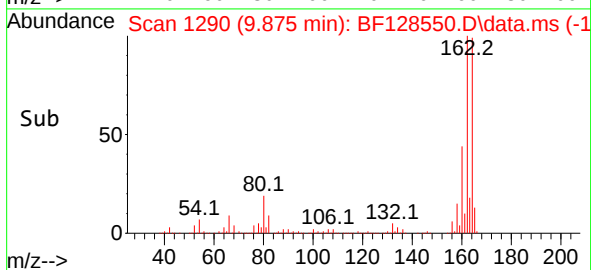
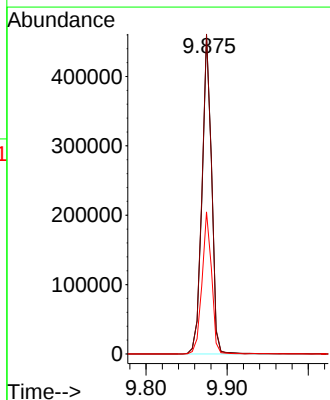
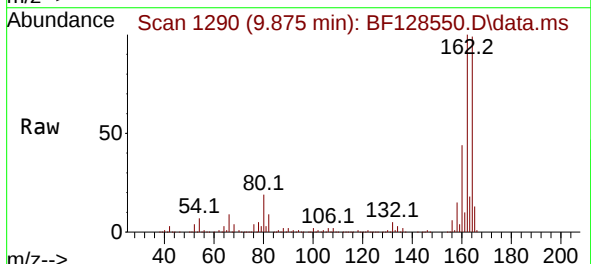
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1824-01

Tgt Ion: 82 Resp: 716440
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: BF128550.D
Acq: 28 May 2022 16:06

Tgt Ion: 164 Resp: 374729
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 82.445 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128550.D

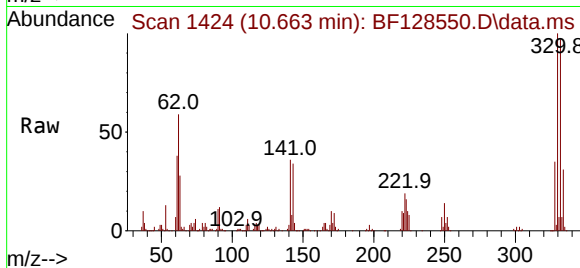
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Instrument :

BNA_F

ClientSampleId :

P023-SS001-1824-01



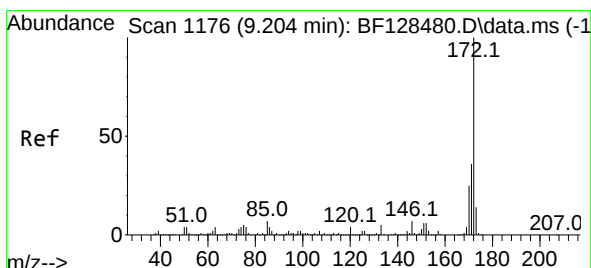
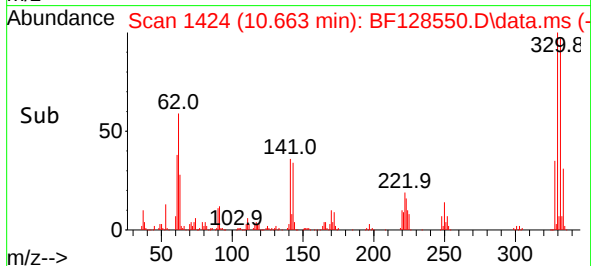
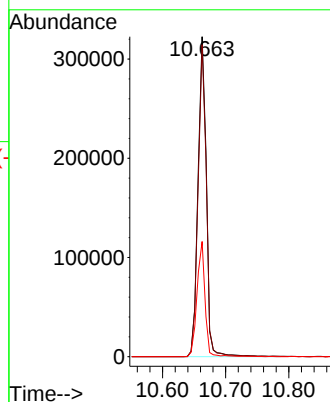
Tgt Ion:330 Resp: 294065

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 57.787 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128550.D

Acq: 28 May 2022 16:06

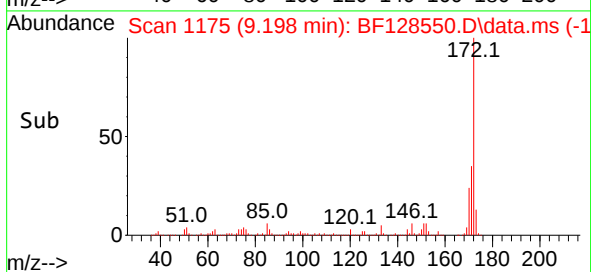
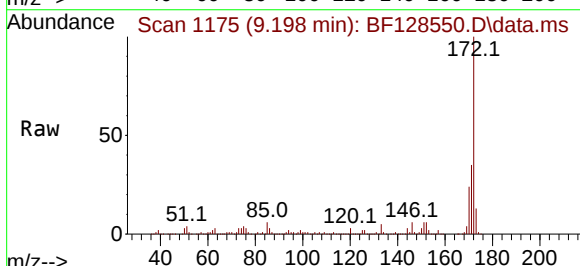
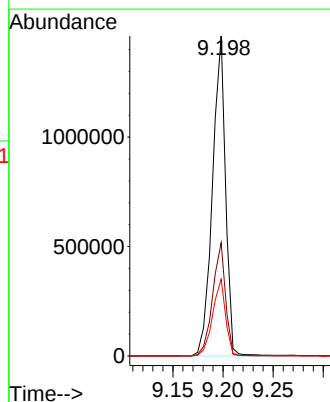
Tgt Ion:172 Resp: 1332875

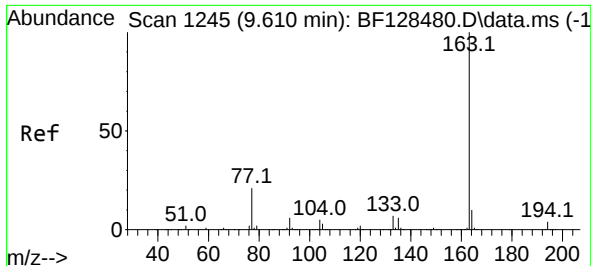
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.0 19.8 29.8

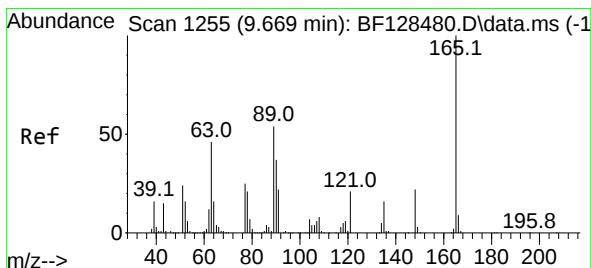
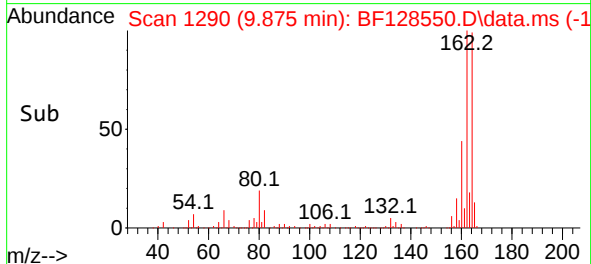
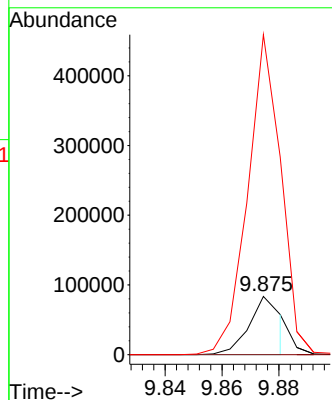
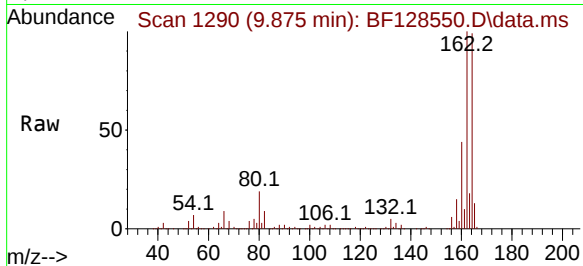




#50
Dimethylphthalate
Concen: 2.682 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

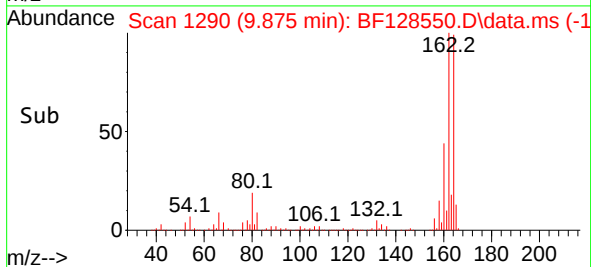
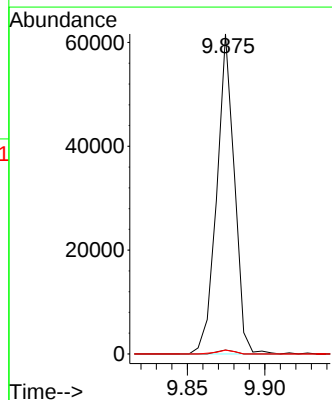
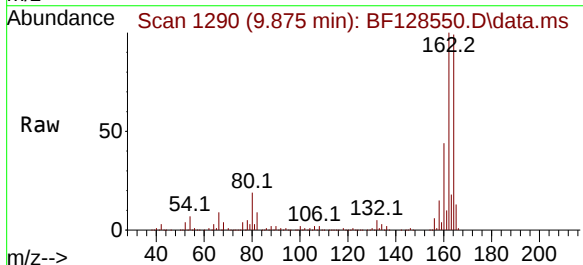
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Tgt Ion:163 Resp: 65204
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 549.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.959 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

Tgt Ion:165 Resp: 48822
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#

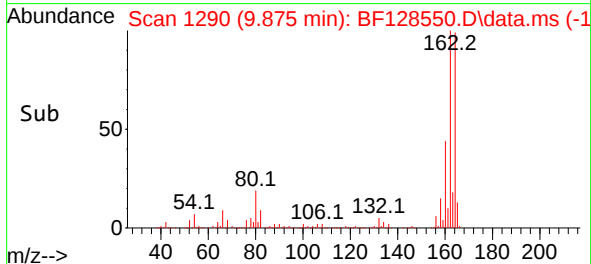
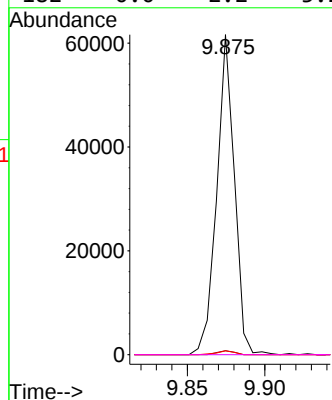
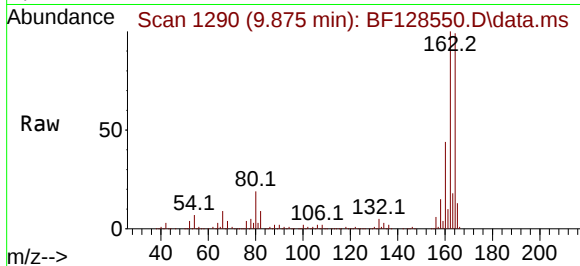




#57
2,4-Dinitrotoluene
Concen: 9.160 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

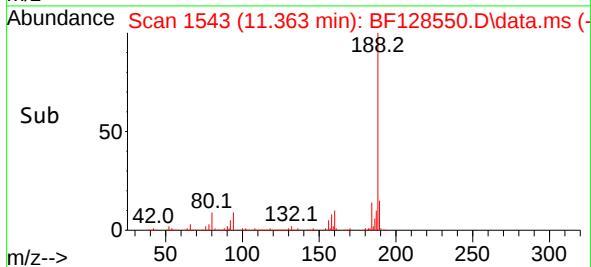
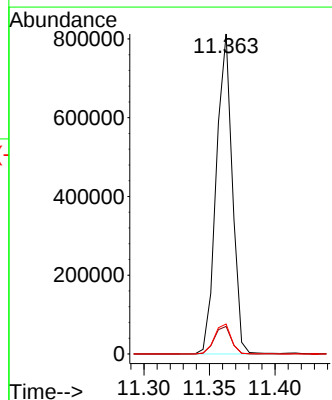
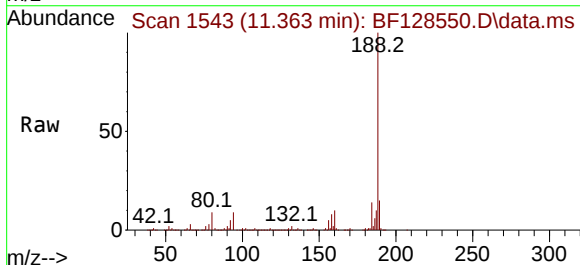
Instrument :
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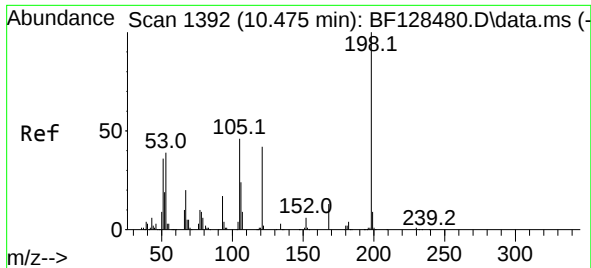
Tgt Ion:165 Resp: 48822
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

Tgt Ion:188 Resp: 687938
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.4 7.6 11.4

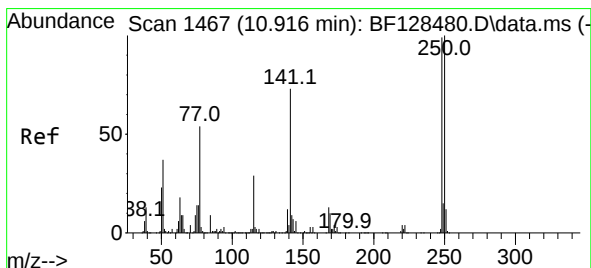
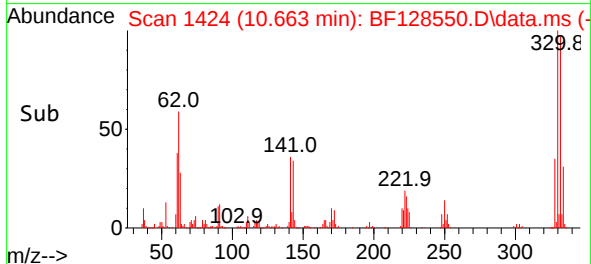
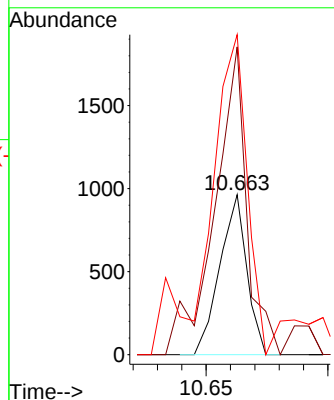
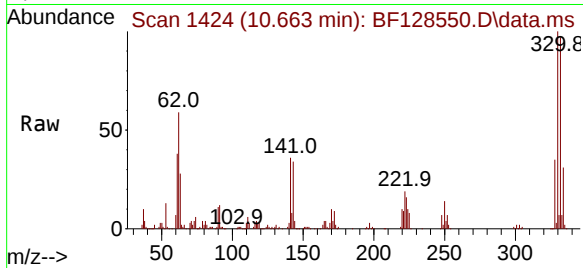




#65
4,6-Dinitro-2-methylphenol
Concen: 5.708 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

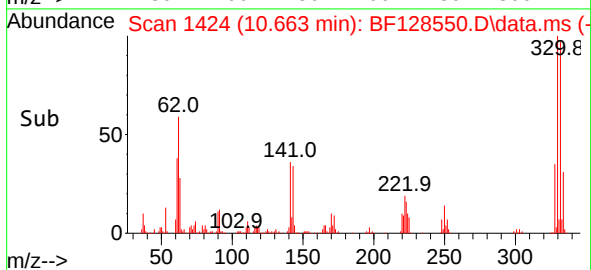
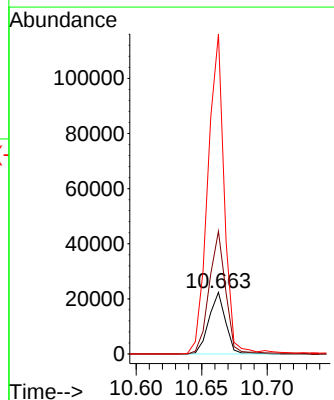
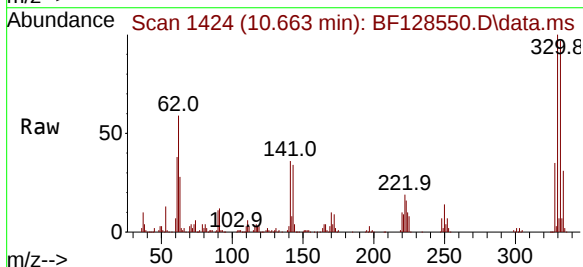
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1824-01

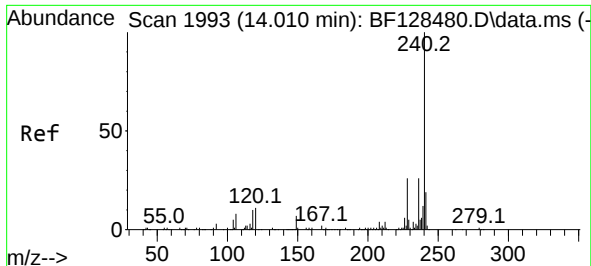
Tgt Ion:198 Resp: 740
Ion Ratio Lower Upper
198 100
51 192.5 37.6 77.6#
105 200.1 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 2.791 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

Tgt Ion:248 Resp: 19836
Ion Ratio Lower Upper
248 100
250 199.4 80.6 120.8#
141 519.7 58.9 88.3#

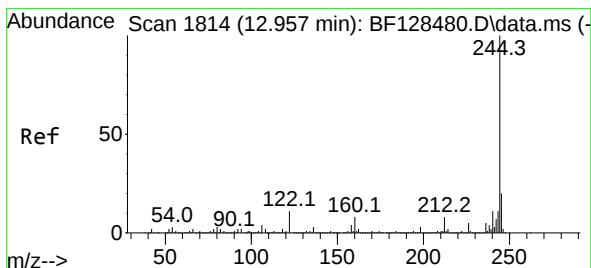
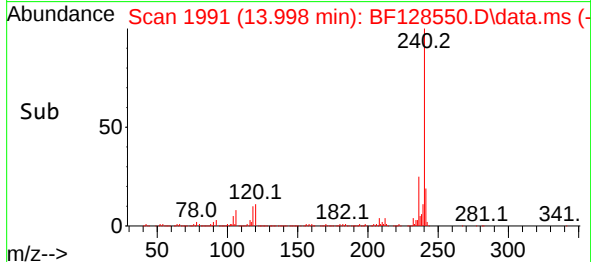
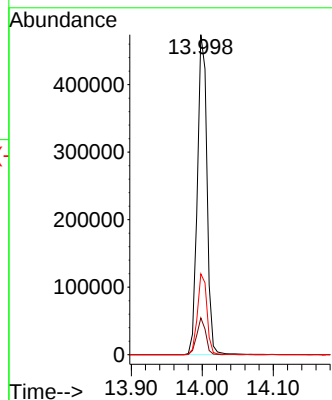
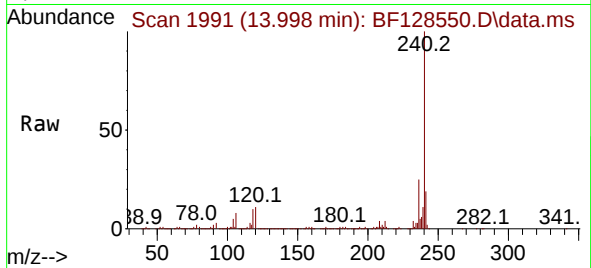




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

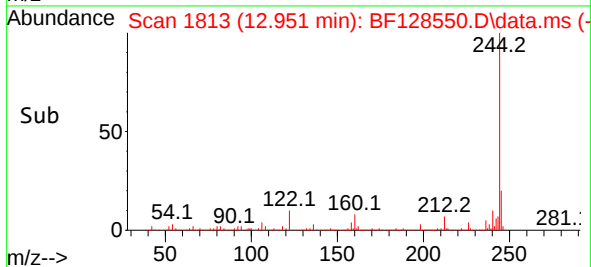
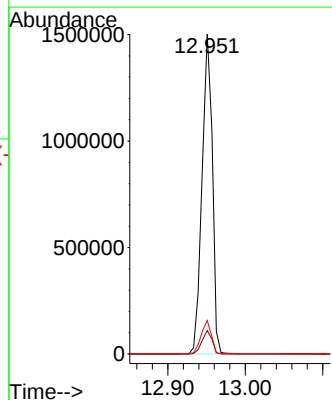
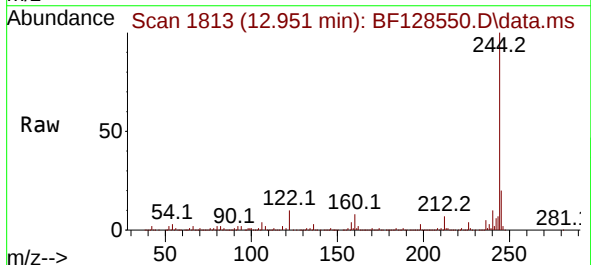
Instrument :
BNA_F
ClientSampleId :
P023-SS001-1824-01

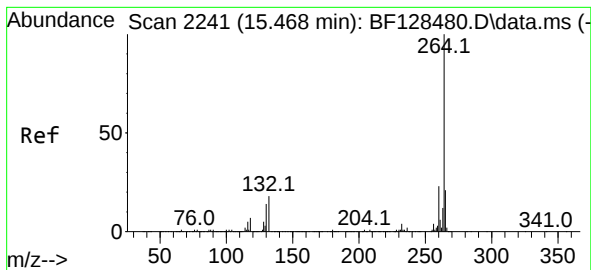
Tgt Ion:240 Resp: 446774
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 60.042 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

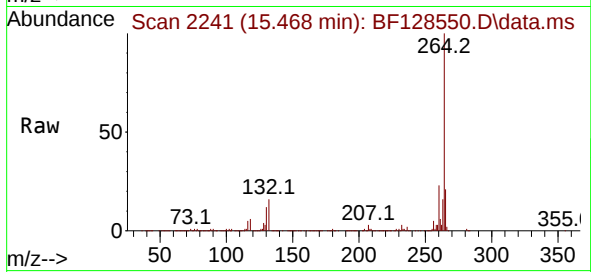
Tgt Ion:244 Resp: 1388499
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 10.5 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF128550.D
Acq: 28 May 2022 16:06

Instrument :
BNA_F
ClientSampleId :
P023-SS001-1824-01



Tgt Ion:264 Resp: 361443
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.1 17.2 25.8

