

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128521.D
 Acq On : 27 May 2022 20:58
 Operator : CG\JU
 Sample : N2924-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS010-0006-01

Quant Time: May 27 23:19:48 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)

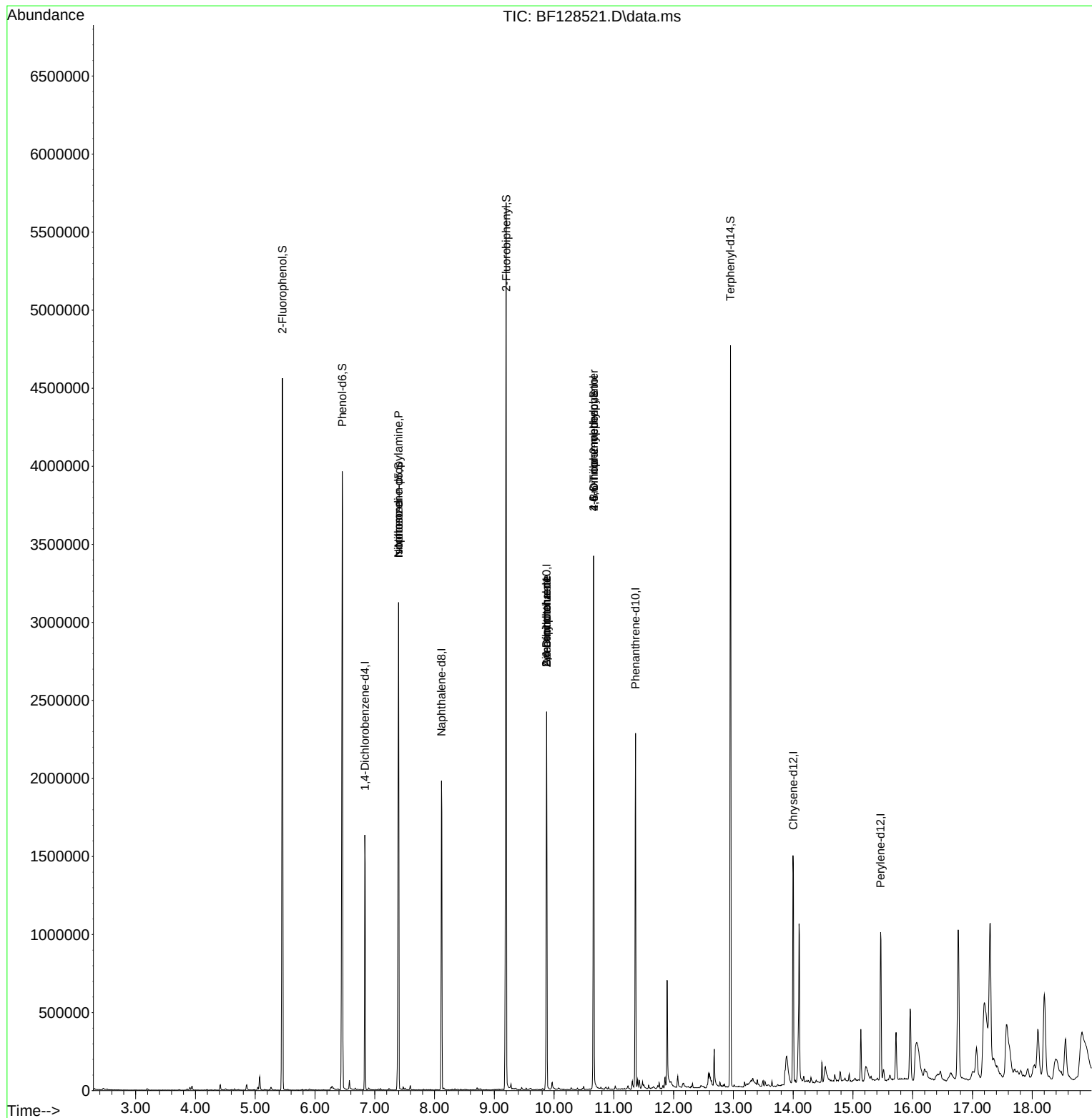
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	238705	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	914672	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	482658	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	814863	20.000	ng	0.00
76) Chrysene-d12	14.004	240	497494	20.000	ng	0.00
86) Perylene-d12	15.463	264	436145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1220832	84.715	ng	0.00
7) Phenol-d6	6.457	99	1558577	84.823	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1054348	66.497	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	392796	85.500	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1883692	63.406	ng	0.00
79) Terphenyl-d14	12.951	244	1652316	64.166	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	722	Below Cal		87
19) n-Nitroso-di-n-propyla...	7.398	70	141843	12.590 ng	#	78
25) Isophorone	7.398	82	1052095	35.970 ng	#	65
50) Dimethylphthalate	9.875	163	84088	2.686 ng	#	1
51) 2,6-Dinitrotoluene	9.875	165	62707	10.929 ng	#	26
57) 2,4-Dinitrotoluene	9.875	165	62708	9.135 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	1048	5.748 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	25157	2.988 ng	#	1

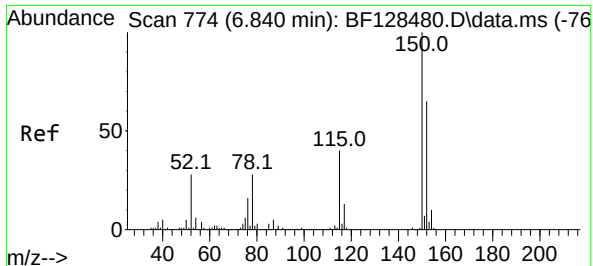
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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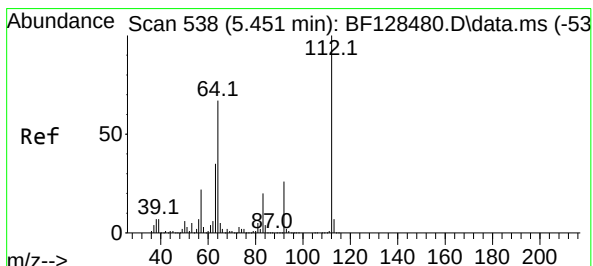
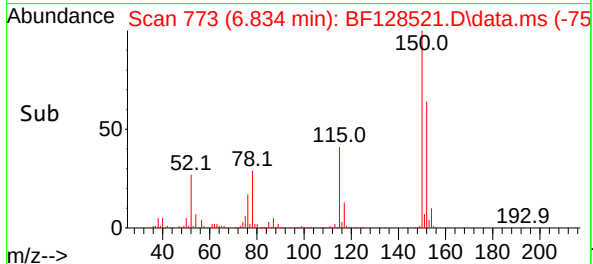
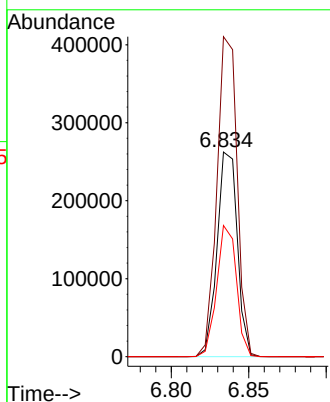
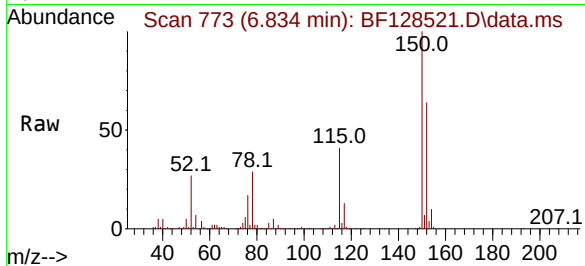




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

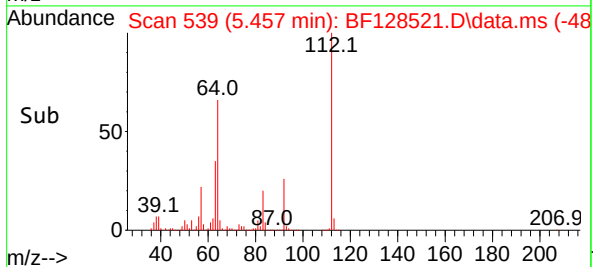
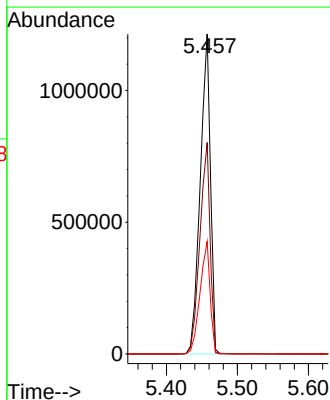
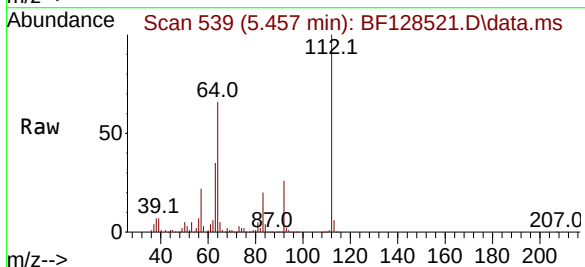
Instrument :
BNA_F
ClientSampleId :
P024-SS010-0006-01

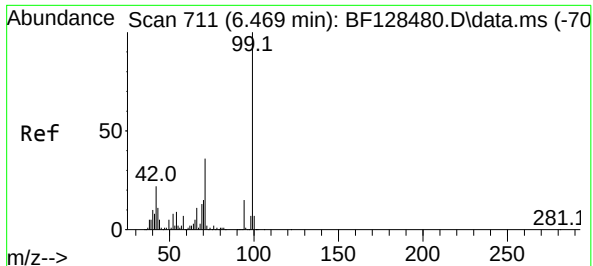
Tgt Ion:152 Resp: 238705
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 84.715 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Tgt Ion:112 Resp: 1220832
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 35.1 28.0 42.0



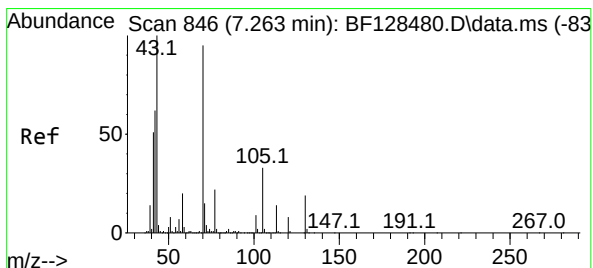
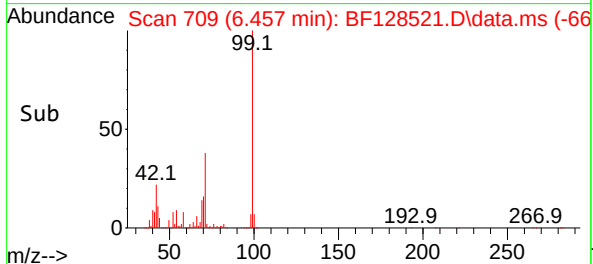
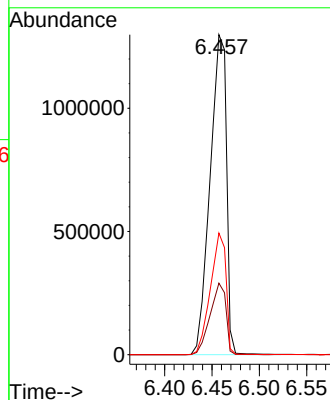
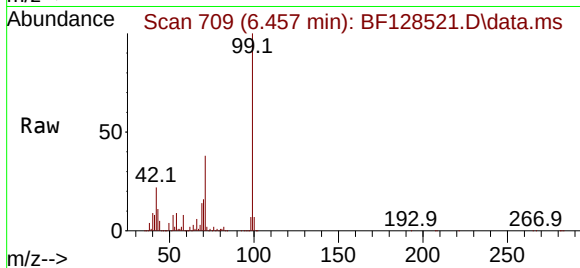


#7
Phenol-d6
Concen: 84.823 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Instrument :
BNA_F
ClientSampleId :
P024-SS010-0006-01

Tgt Ion: 99 Resp: 1558577

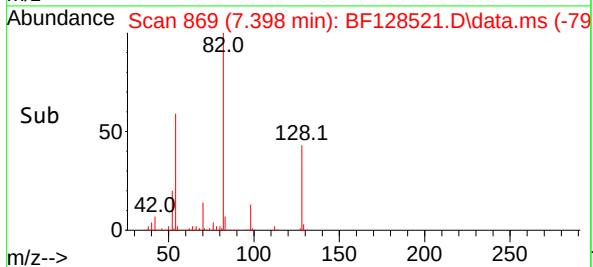
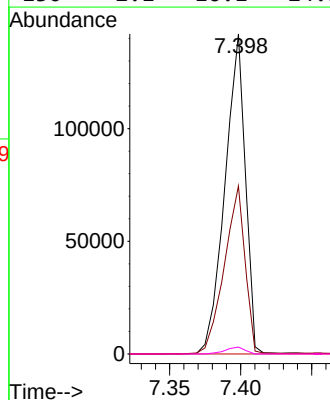
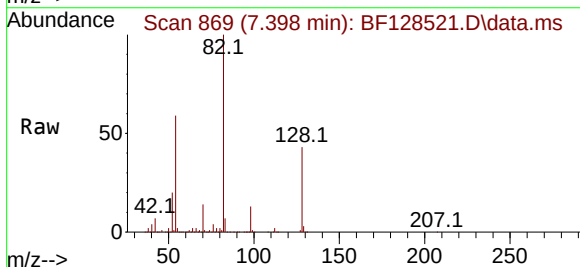
Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.3	25.9
71	38.0	28.9	43.3

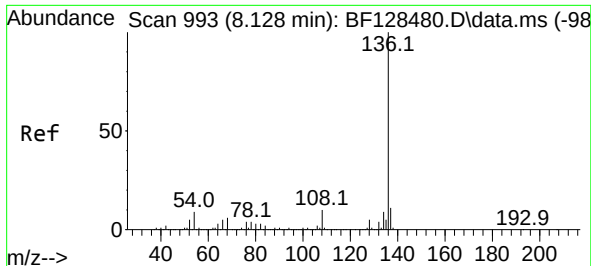


#19
n-Nitroso-di-n-propylamine
Concen: 12.590 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Tgt Ion: 70 Resp: 141843

Ion	Ratio	Lower	Upper
70	100		
42	52.5	52.3	78.5
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#

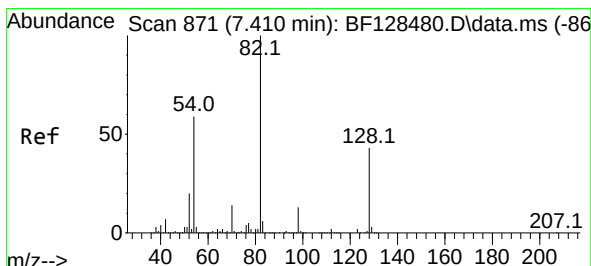
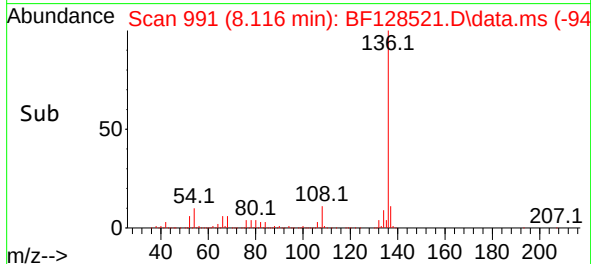
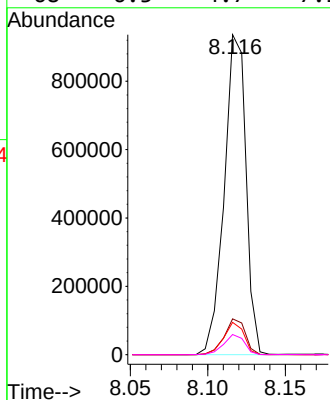
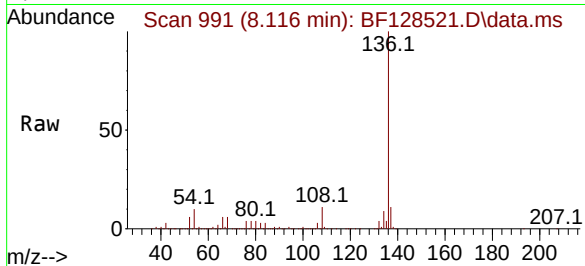




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

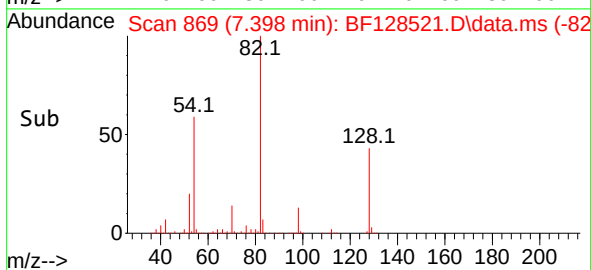
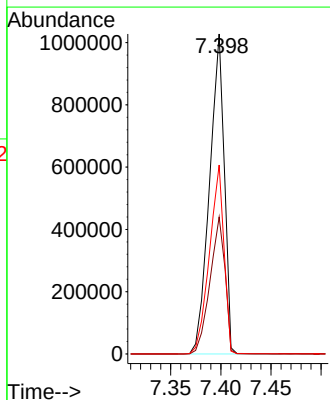
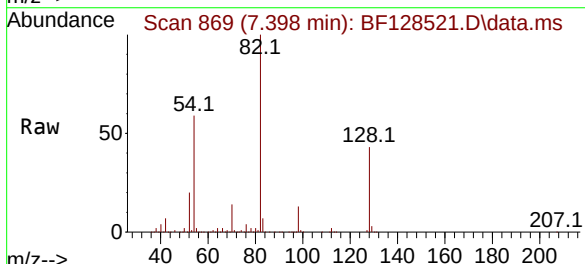
Instrument :
BNA_F
ClientSampleId :
P024-SS010-0006-01

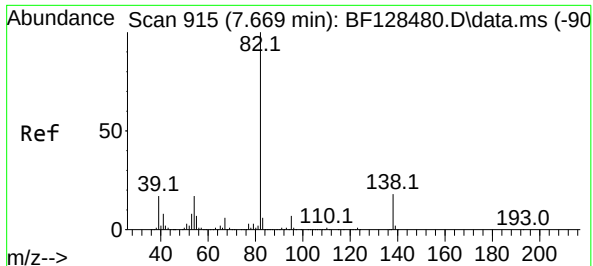
Tgt Ion:136 Resp: 914672
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.1 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 66.497 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Tgt Ion: 82 Resp: 1054348
Ion Ratio Lower Upper
82 100
128 42.8 34.0 51.0
54 59.0 46.9 70.3

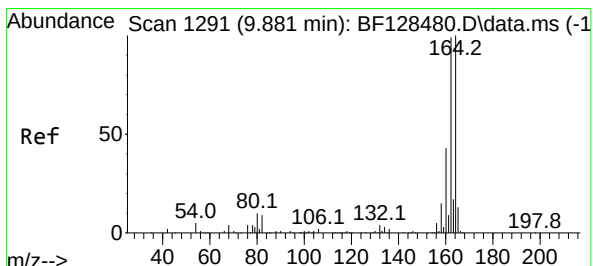
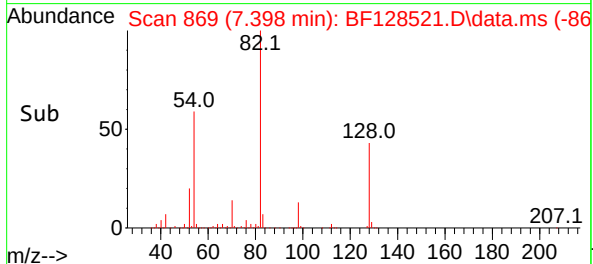
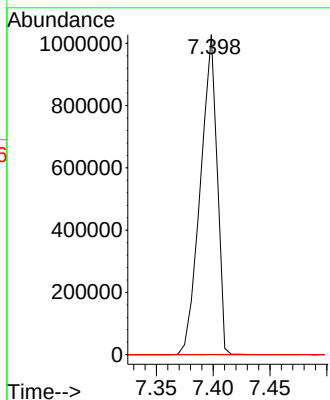
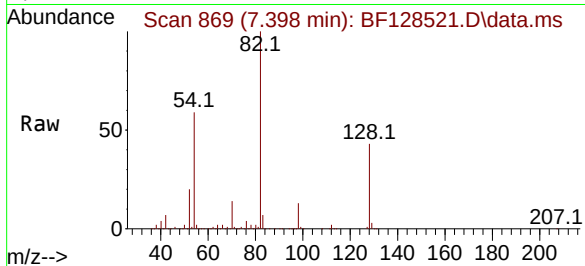




#25
Isophorone
Concen: 35.970 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

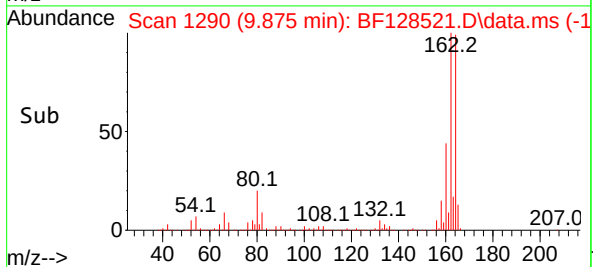
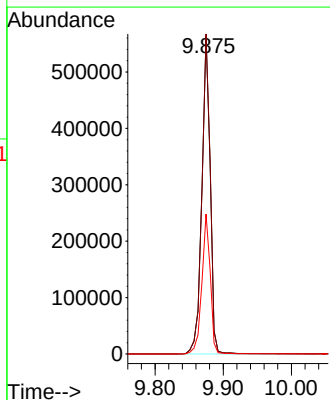
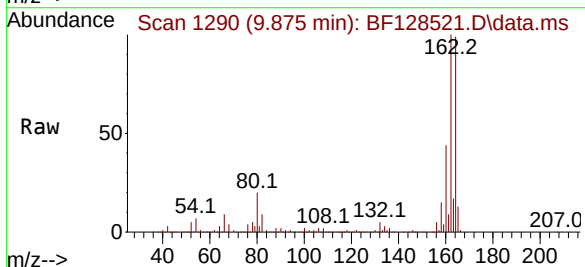
Instrument :
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ClientSampleId :
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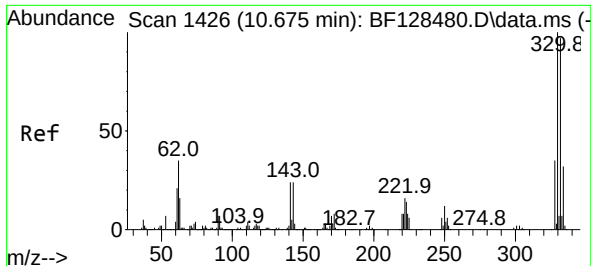
Tgt Ion: 82 Resp: 1052095
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Tgt Ion:164 Resp: 482658
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 44.1 34.2 51.4

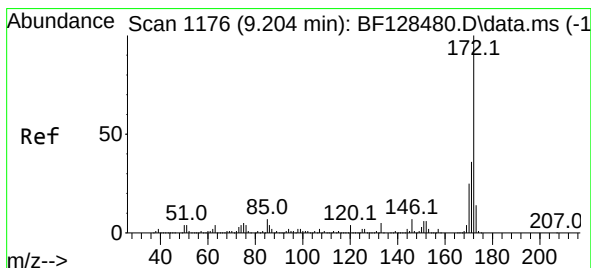
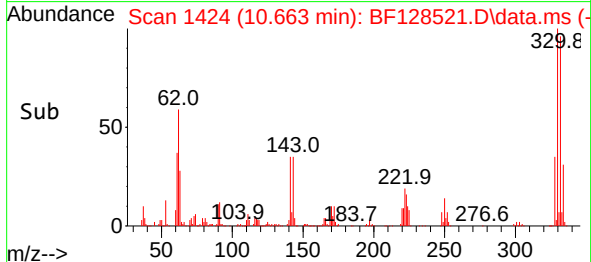
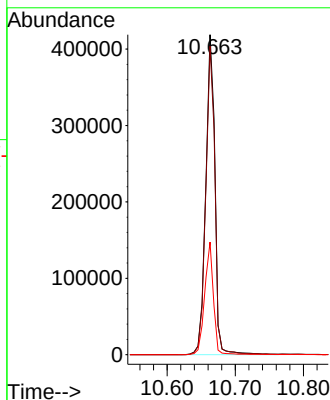
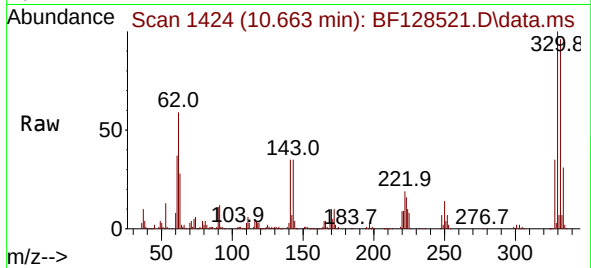




#42
2,4,6-Tribromophenol
Concen: 85.500 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

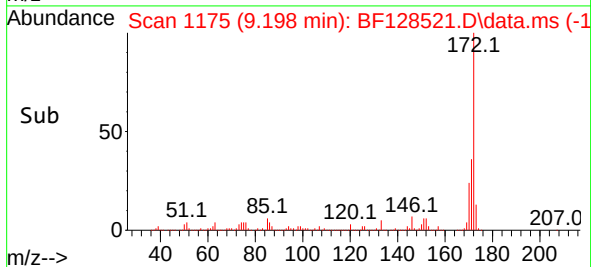
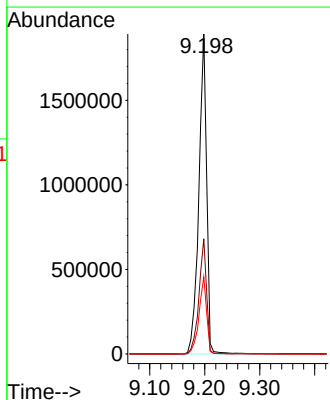
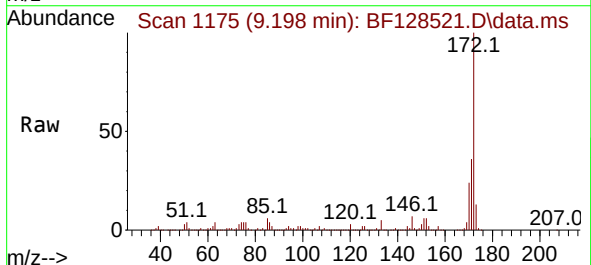
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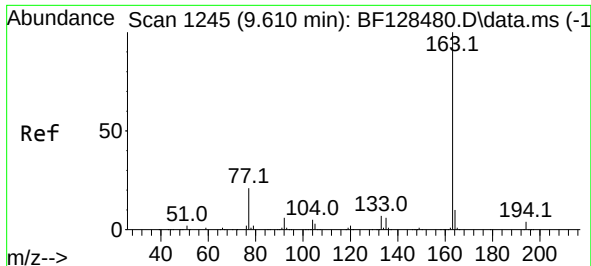
Tgt Ion:330 Resp: 392796
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 33.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 63.406 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Tgt Ion:172 Resp: 1883692
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.1 19.8 29.8

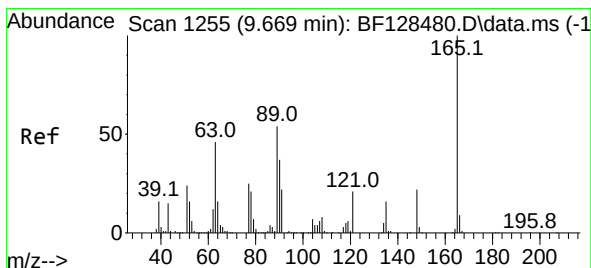
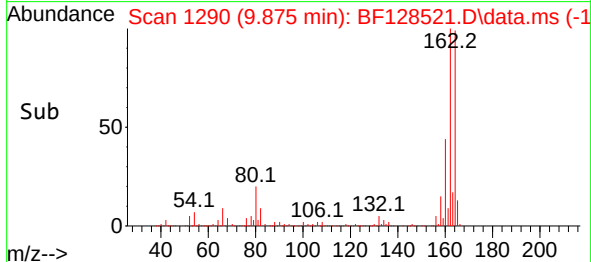
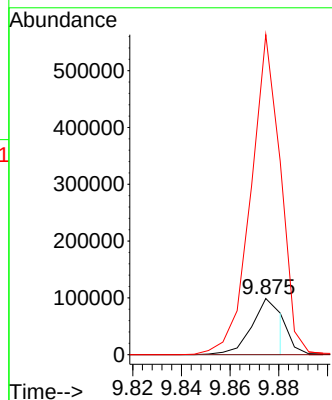
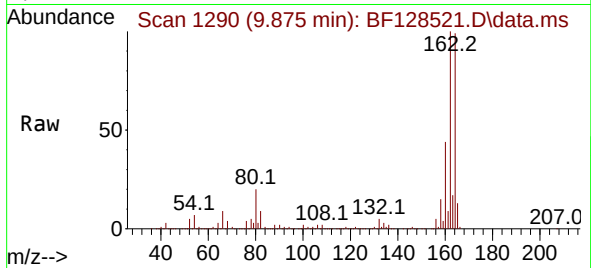




#50
Dimethylphthalate
Concen: 2.686 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

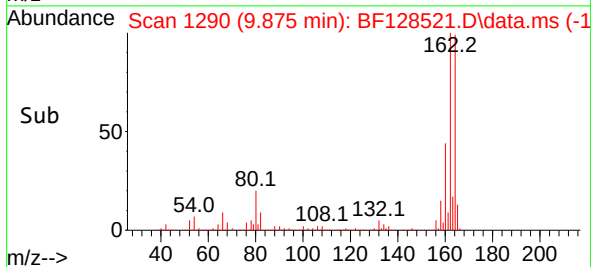
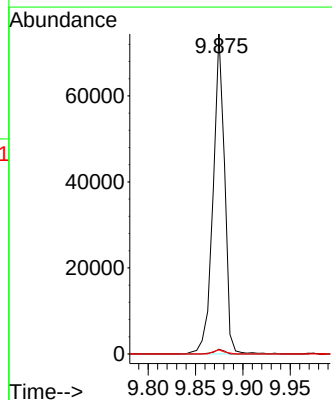
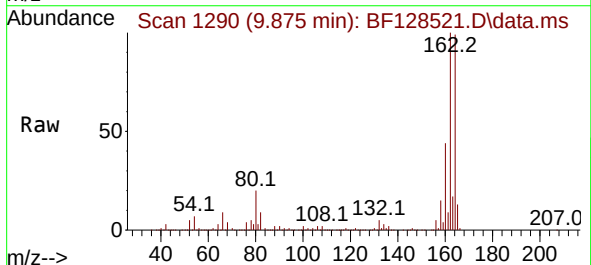
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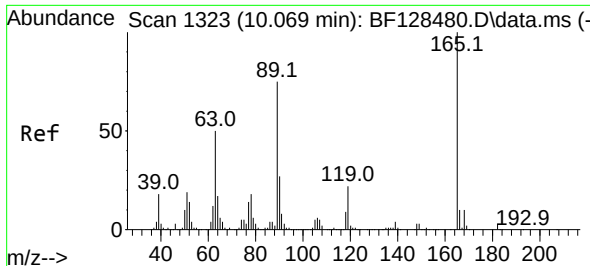
Tgt Ion:163 Resp: 84088
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 569.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.929 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Tgt Ion:165 Resp: 62707
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.2 43.6 65.4#

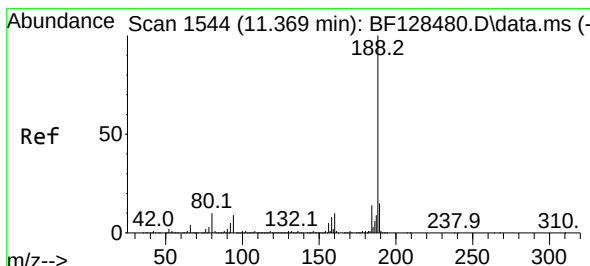
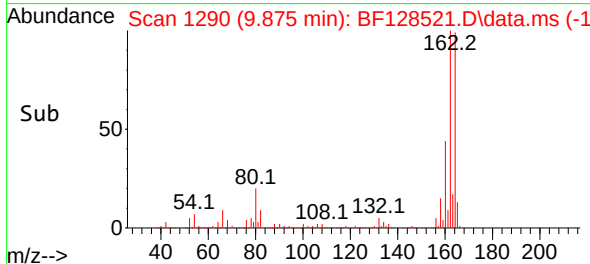
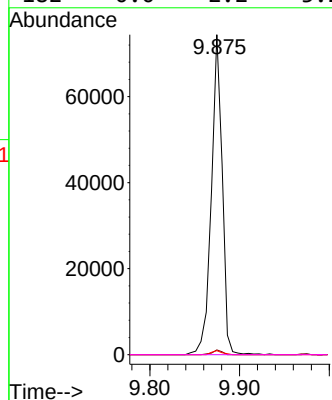
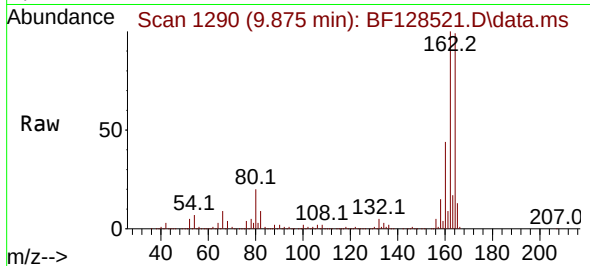




#57
2,4-Dinitrotoluene
Concen: 9.135 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

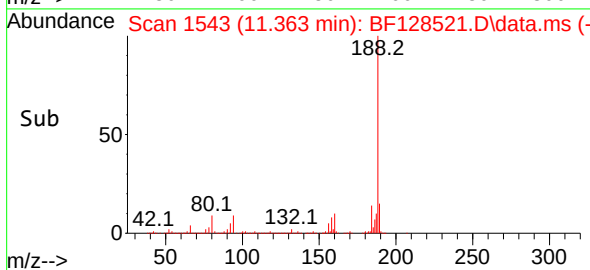
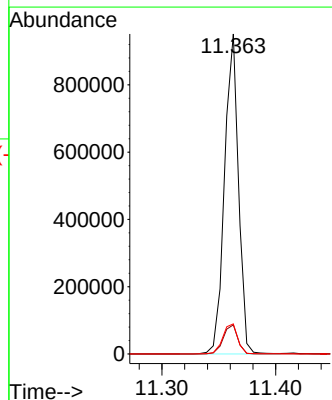
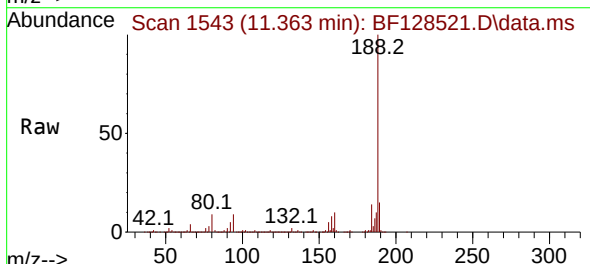
Instrument :
BNA_F
ClientSampleId :
P024-SS010-0006-01

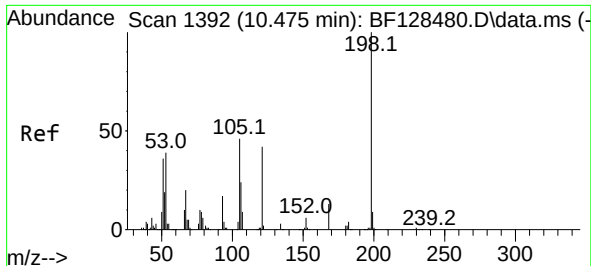
Tgt Ion:165 Resp: 62708
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Tgt Ion:188 Resp: 814863
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.4 7.6 11.4

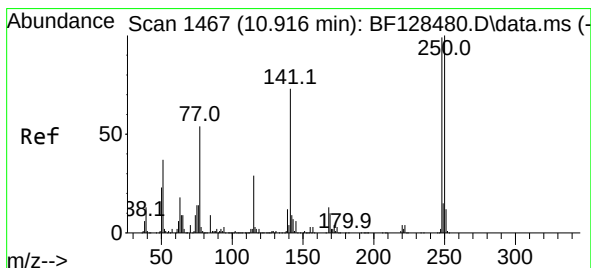
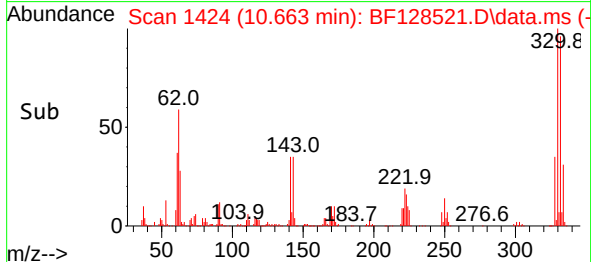
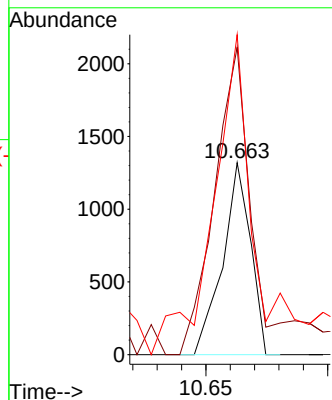
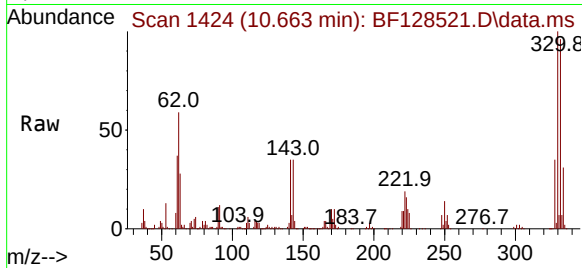




#65
4,6-Dinitro-2-methylphenol
Concen: 5.748 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

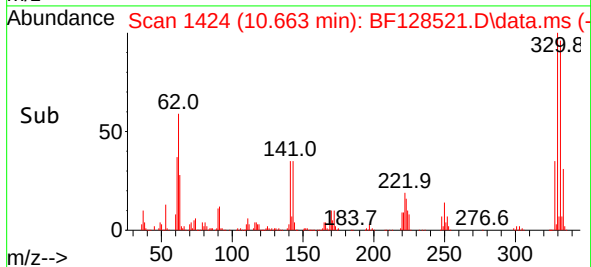
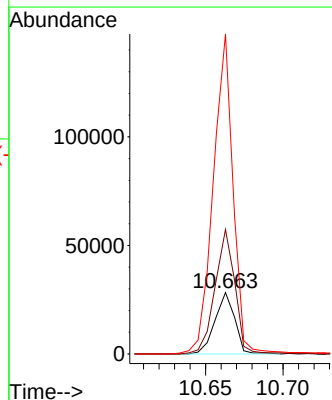
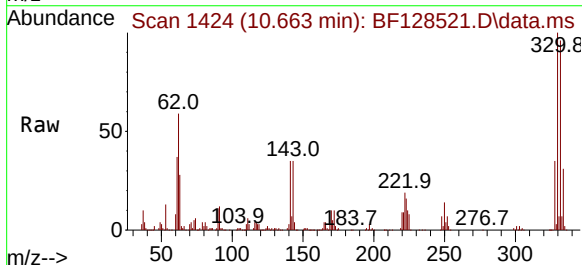
Instrument :
BNA_F
ClientSampleId :
P024-SS010-0006-01

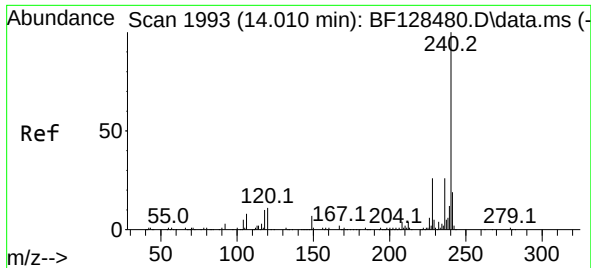
Tgt Ion:198 Resp: 1048
Ion Ratio Lower Upper
198 100
51 160.1 37.6 77.6#
105 166.7 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 2.988 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

Tgt Ion:248 Resp: 25157
Ion Ratio Lower Upper
248 100
250 202.5 80.6 120.8#
141 520.5 58.9 88.3#

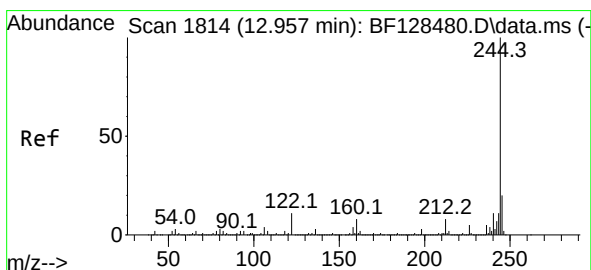
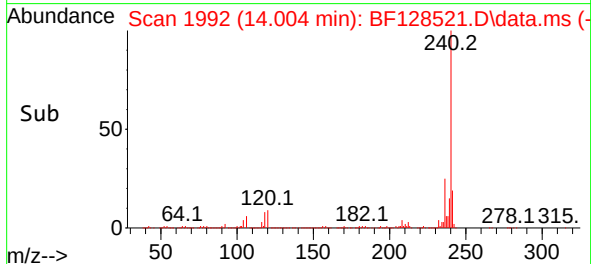
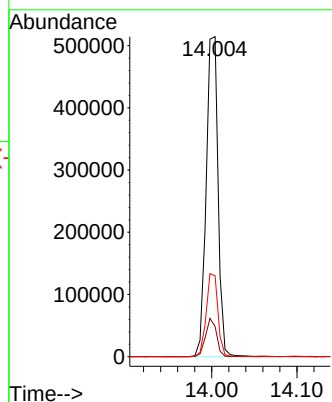
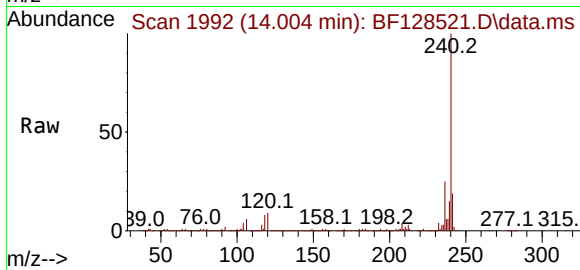




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

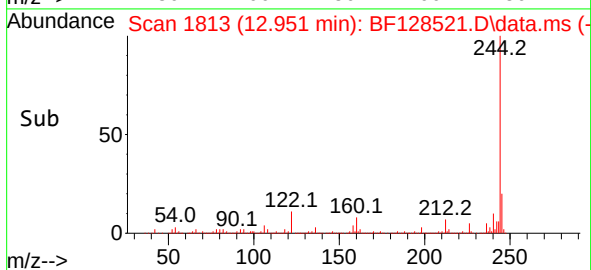
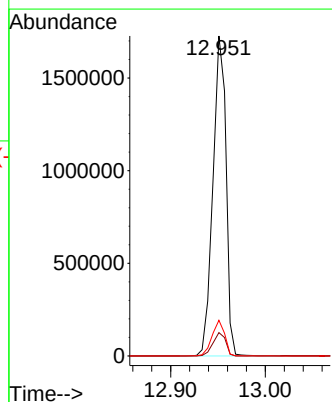
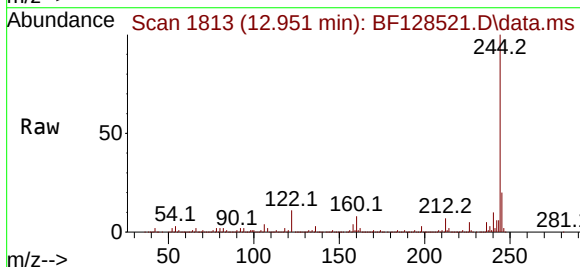
Instrument :
BNA_F
ClientSampleId :
P024-SS010-0006-01

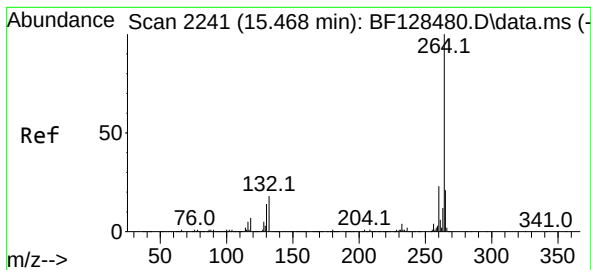
Tgt Ion:240 Resp: 497494
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 64.166 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128521.D
Acq: 27 May 2022 20:58

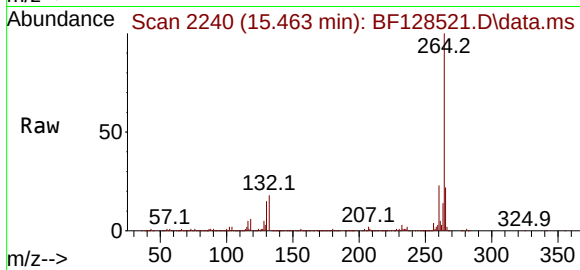
Tgt Ion:244 Resp: 1652316
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 11.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128521.D
 Acq: 27 May 2022 20:58

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS010-0006-01



Tgt Ion:264 Resp: 436145
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 22.0 17.2 25.8

