

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128565.D
 Acq On : 29 May 2022 12:07
 Operator : CG\JU
 Sample : N2951-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-1218-01

Quant Time: May 30 00:50:10 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)

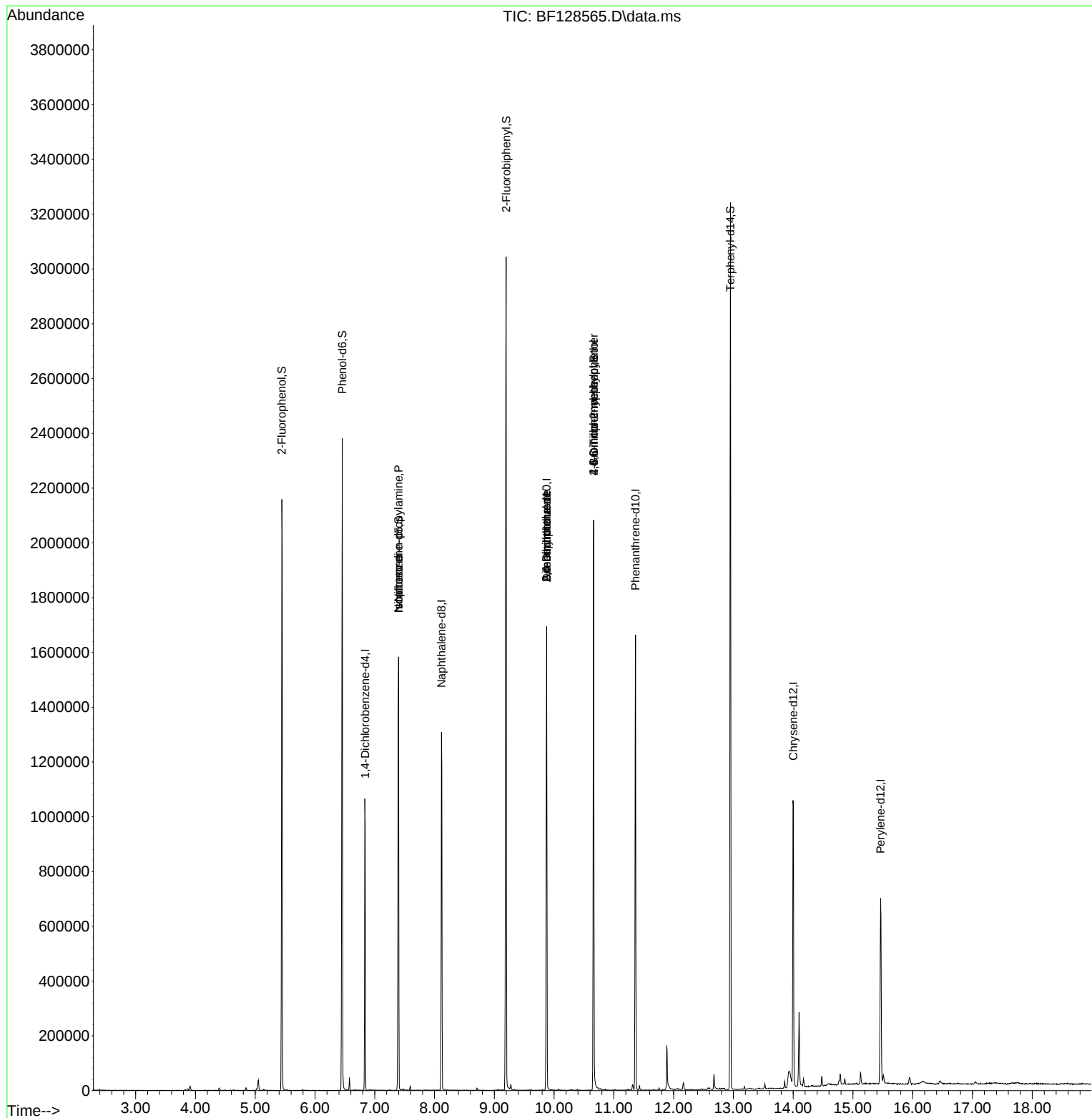
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	148505	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	578103	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	324784	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	597705	20.000	ng	0.00
76) Chrysene-d12	14.004	240	380422	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	317303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	555663	61.978	ng	0.00
7) Phenol-d6	6.457	99	731035	63.950	ng	-0.01
23) Nitrobenzene-d5	7.398	82	491035	49.000	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	229692	74.300	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	973551	48.699	ng	0.00
79) Terphenyl-d14	12.951	244	1045485	53.095	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	131	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	67173	9.584	ng	# 76
25) Isophorone	7.398	82	491026	26.561	ng	# 65
50) Dimethylphthalate	9.875	163	57507	2.730	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	41956	10.866	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	41956	9.083	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	446	5.645	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	14951	2.421	ng	# 1

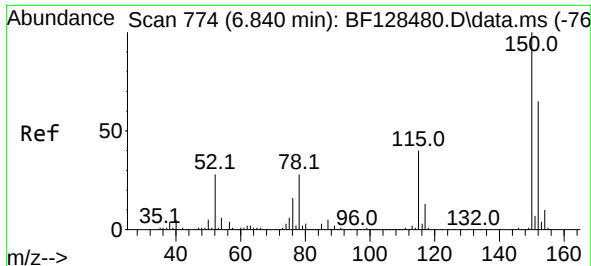
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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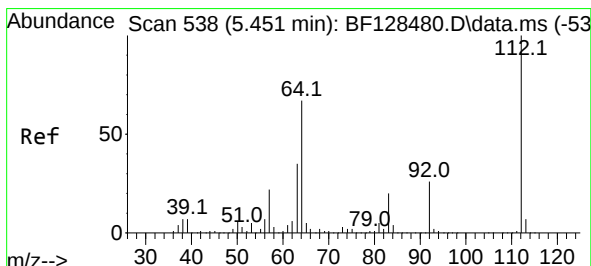
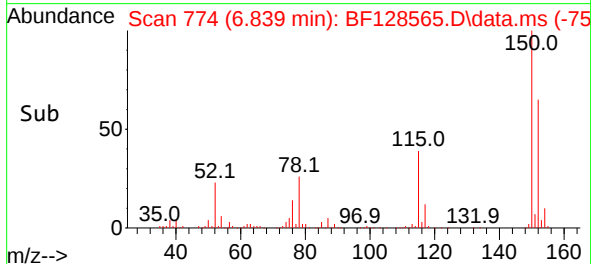
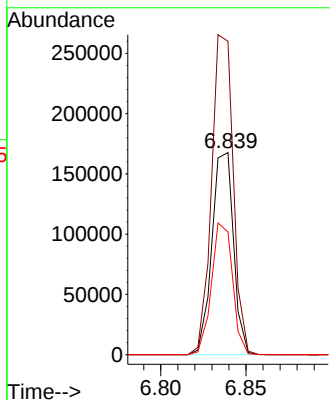
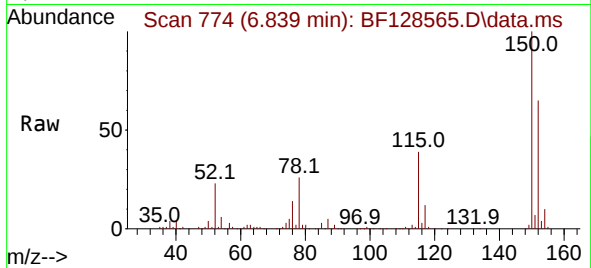




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

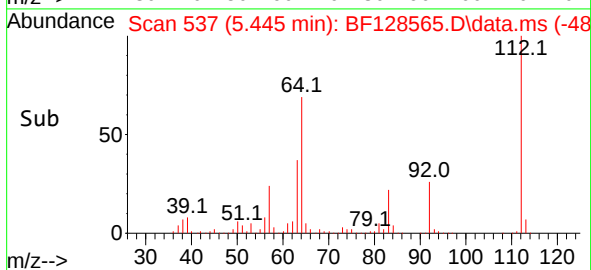
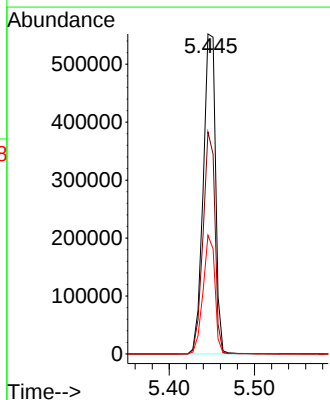
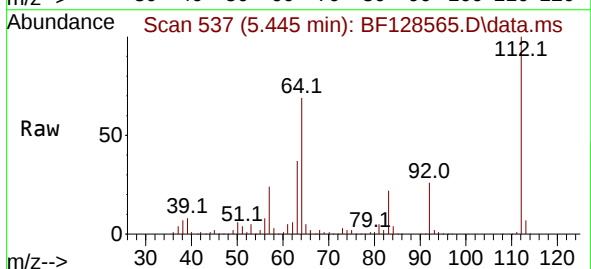
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-01

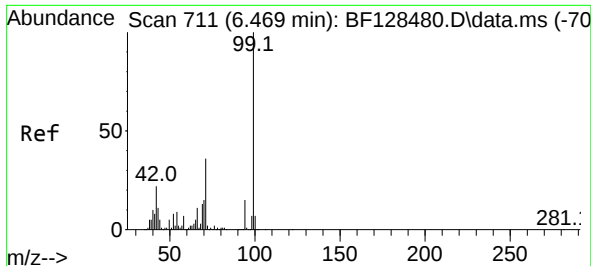
Tgt Ion:152 Resp: 148505
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 61.978 ng
RT: 5.445 min Scan# 537
Delta R.T. -0.006 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

Tgt Ion:112 Resp: 555663
Ion Ratio Lower Upper
112 100
64 69.3 53.3 79.9
63 37.1 28.0 42.0

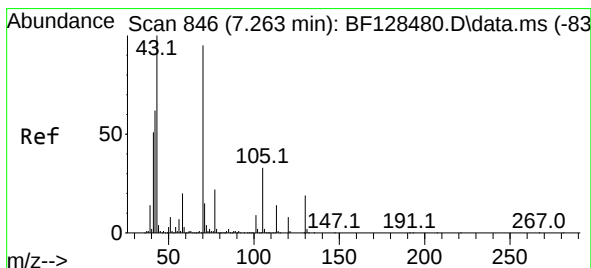
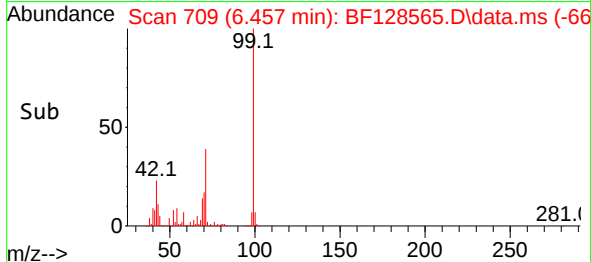
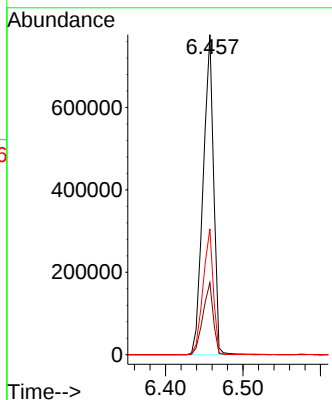
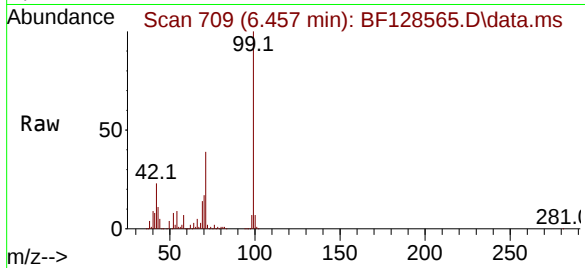




#7
Phenol-d6
Concen: 63.950 ng
RT: 6.457 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

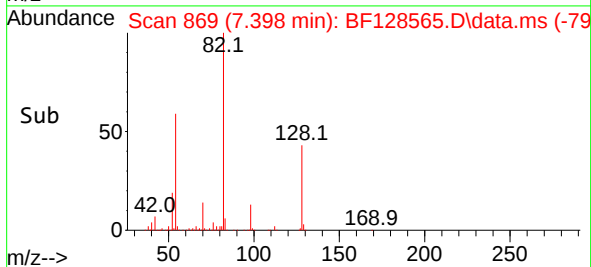
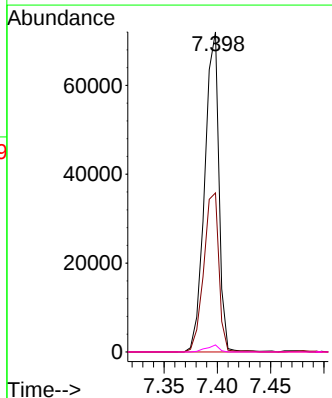
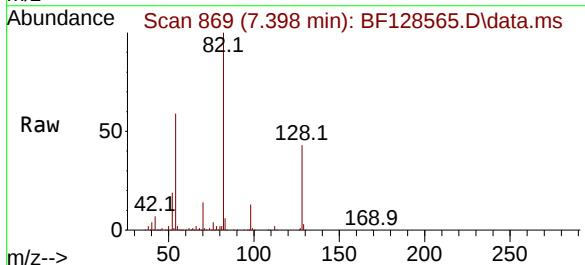
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-01

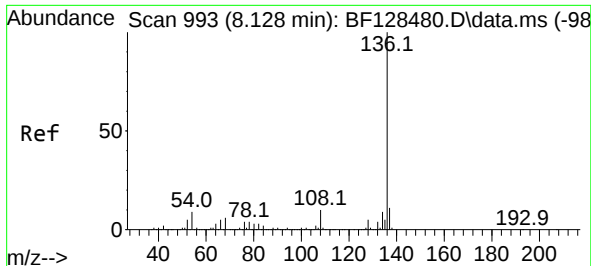
Tgt Ion: 99 Resp: 731035
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 39.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.584 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

Tgt Ion: 70 Resp: 67173
Ion Ratio Lower Upper
70 100
42 49.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 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: BF128565.D

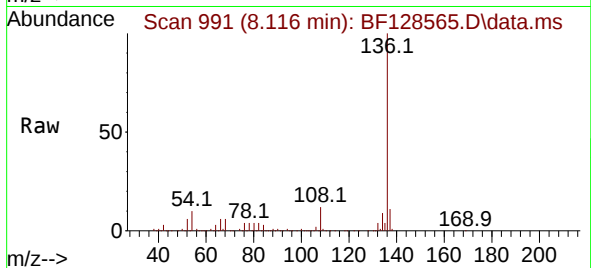
Acq: 29 May 2022 12:07

Instrument :

BNA_F

ClientSampleId :

P035-SS001-1218-01



Tgt Ion:136 Resp: 578103

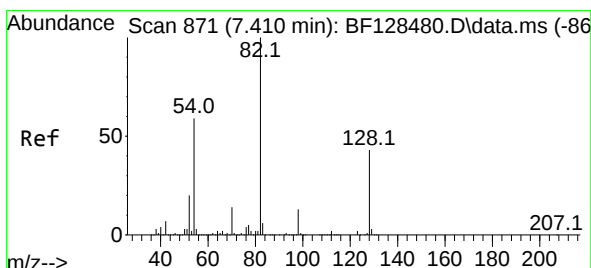
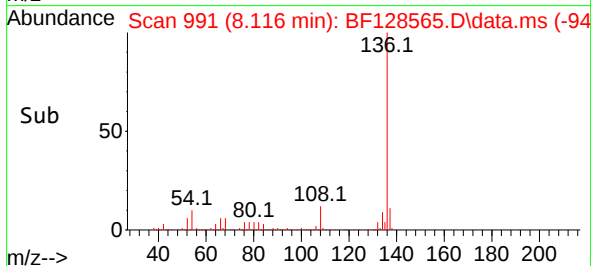
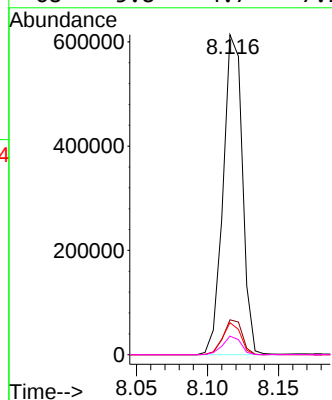
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.0 7.5 11.3

68 5.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 49.000 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128565.D

Acq: 29 May 2022 12:07

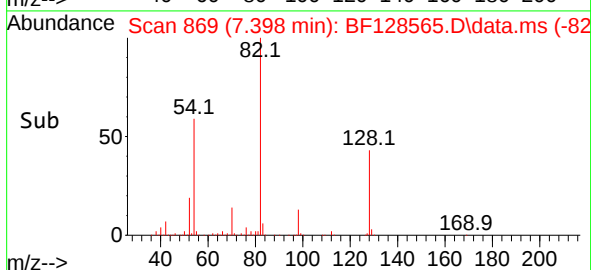
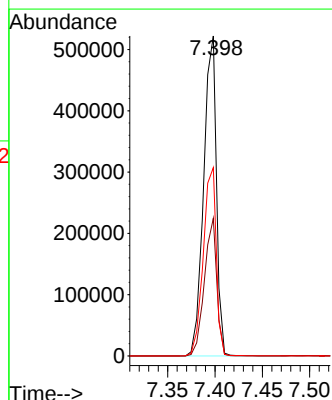
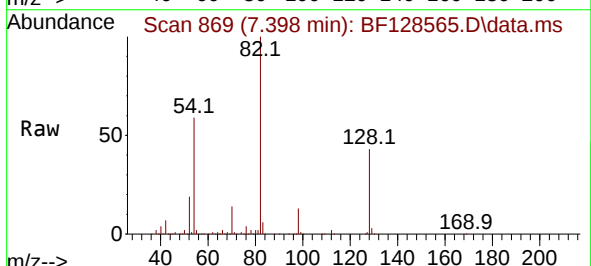
Tgt Ion: 82 Resp: 491035

Ion Ratio Lower Upper

82 100

128 43.0 34.0 51.0

54 58.8 46.9 70.3

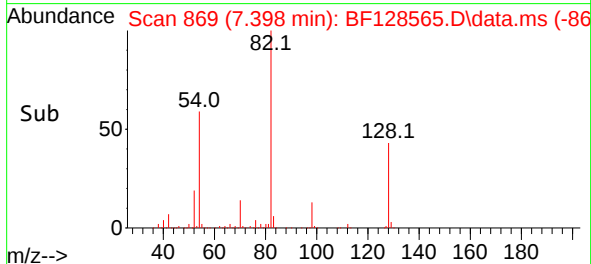
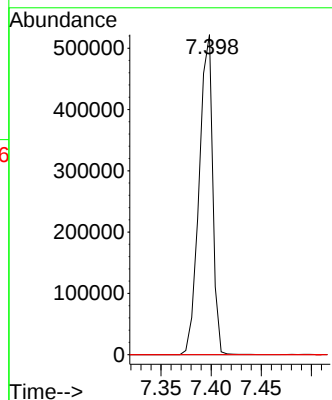
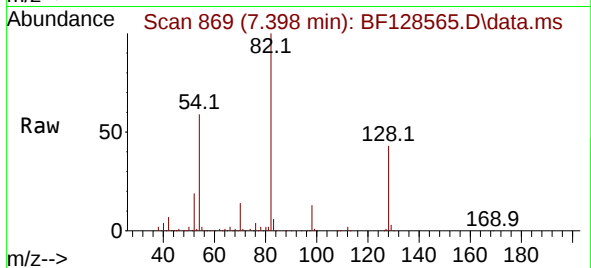




#25
Isophorone
Concen: 26.561 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

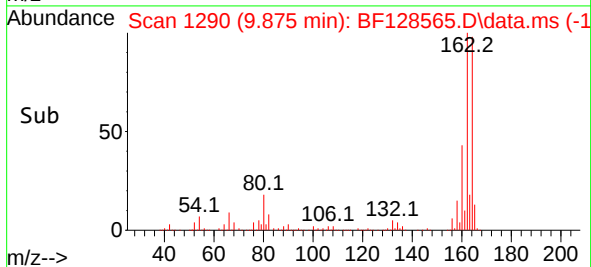
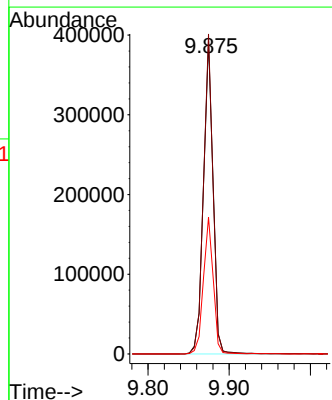
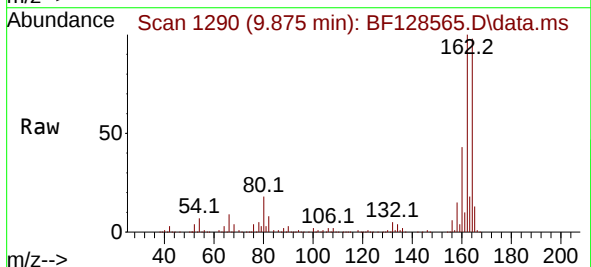
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-01

Tgt Ion: 82 Resp: 491026
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: BF128565.D
Acq: 29 May 2022 12:07

Tgt Ion: 164 Resp: 324784
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 74.300 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128565.D

Acq: 29 May 2022 12:07

Instrument :

BNA_F

ClientSampleId :

P035-SS001-1218-01

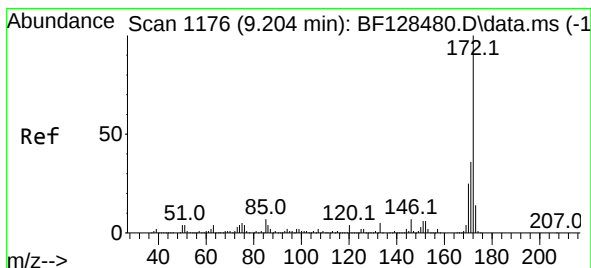
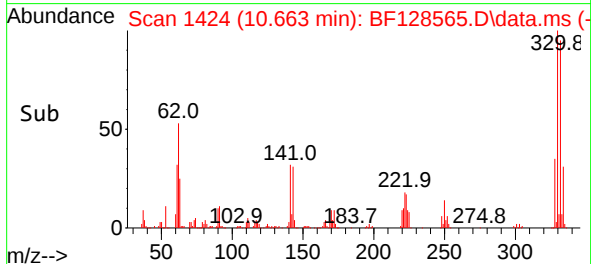
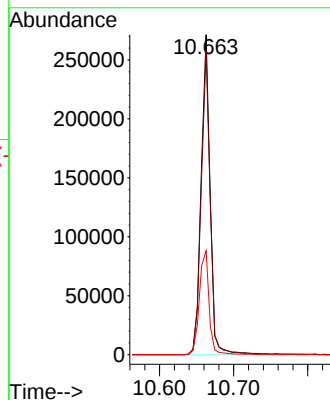
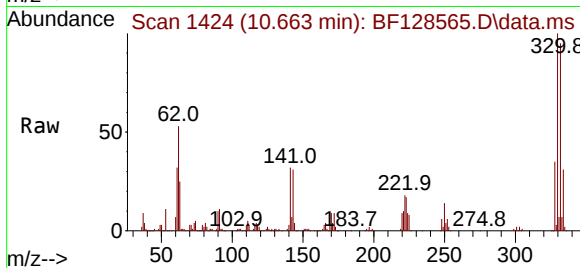
Tgt Ion:330 Resp: 229692

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 48.699 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128565.D

Acq: 29 May 2022 12:07

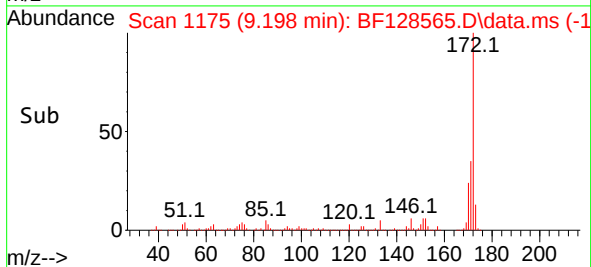
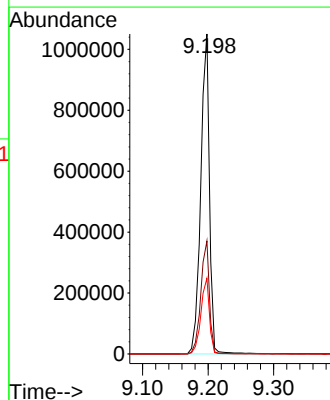
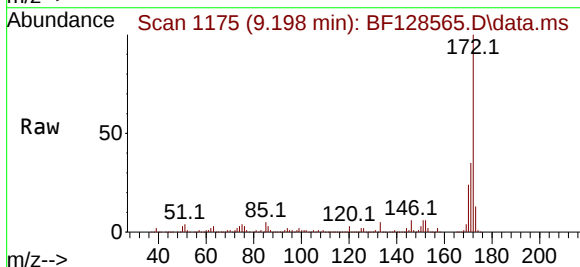
Tgt Ion:172 Resp: 973551

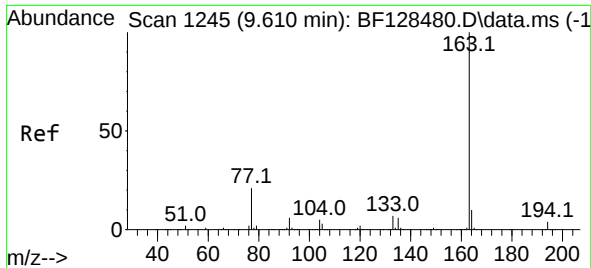
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.8 29.8

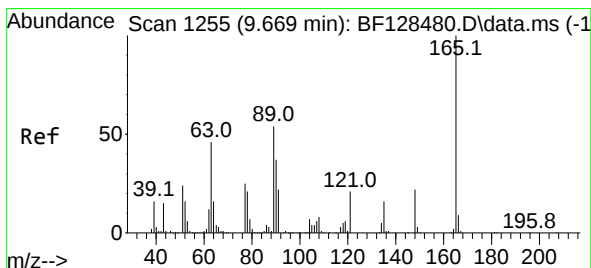
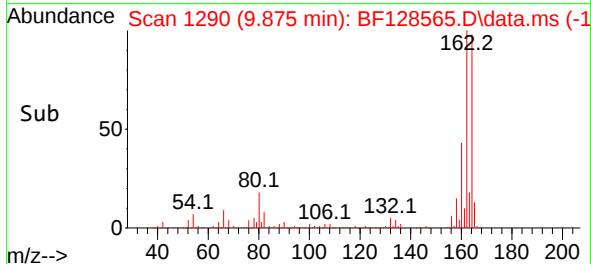
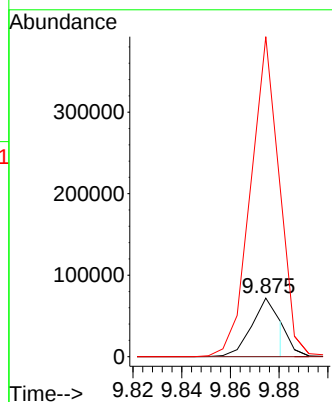
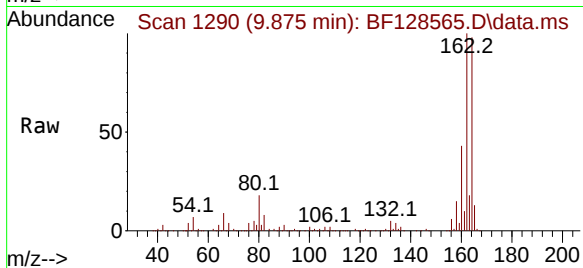




#50
Dimethylphthalate
Concen: 2.730 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

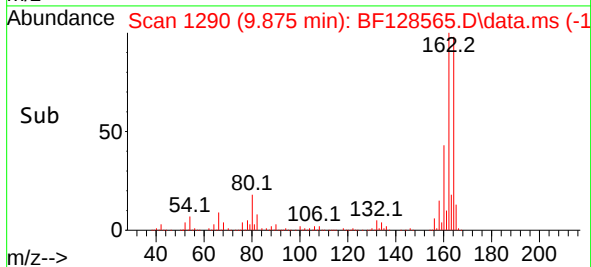
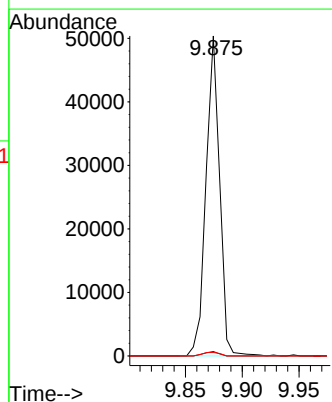
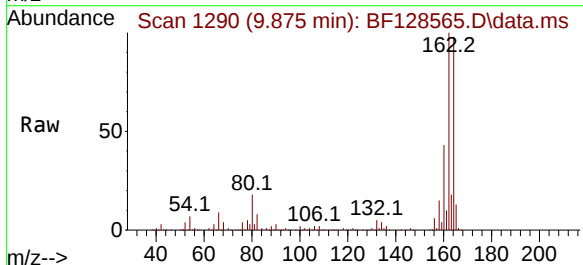
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BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 57507
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 546.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.866 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

Tgt Ion:165 Resp: 41956
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.1 43.6 65.4#

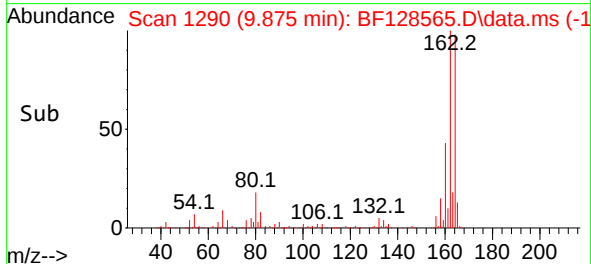
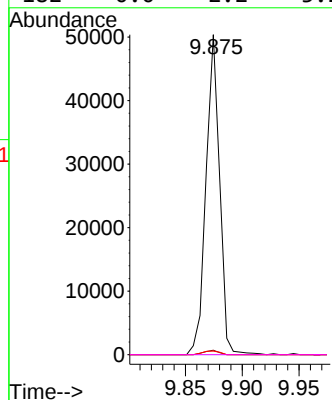
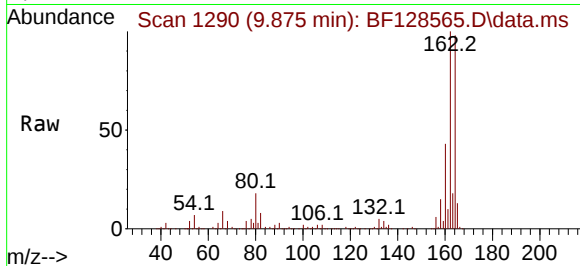




#57
2,4-Dinitrotoluene
Concen: 9.083 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

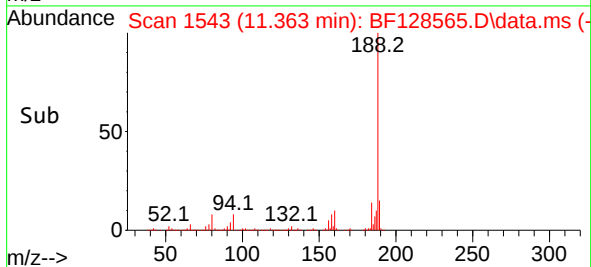
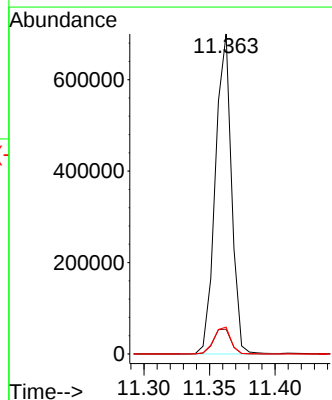
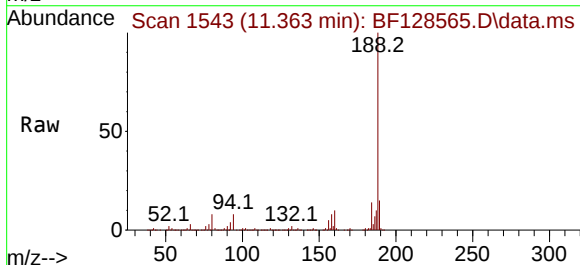
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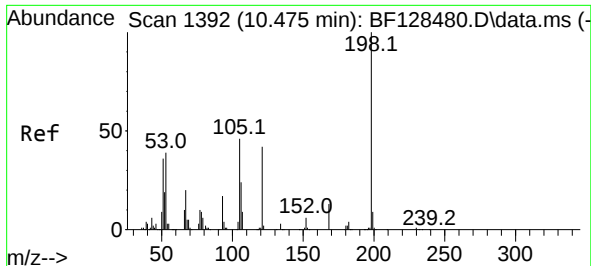
Tgt Ion:	165	Resp:	41956
Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.8	59.6#
89	1.1	60.2	90.2#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

Tgt Ion:	188	Resp:	597705
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.6
80	8.4	7.6	11.4

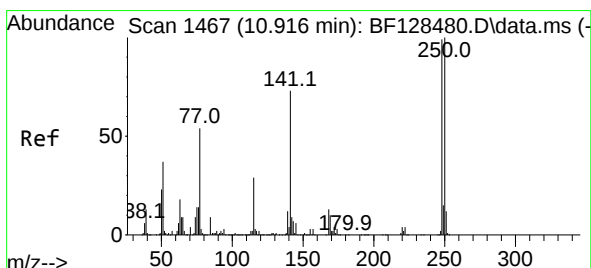
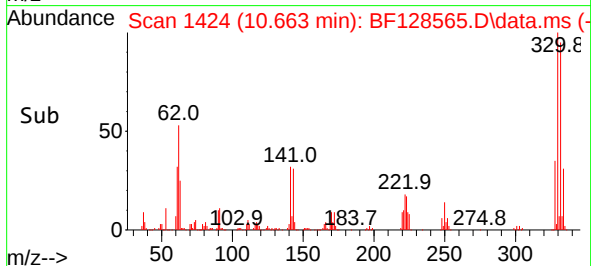
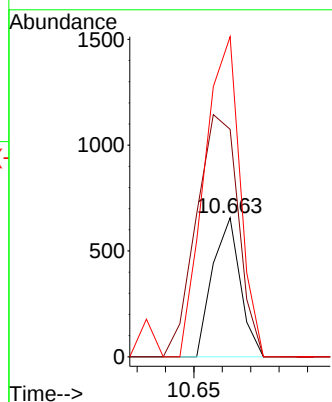
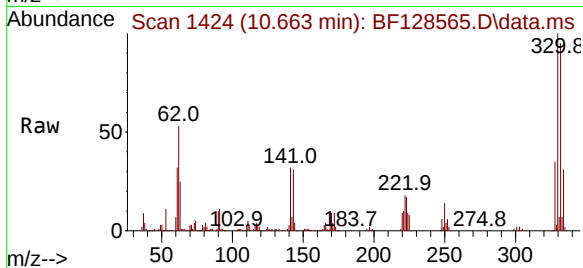




#65
4,6-Dinitro-2-methylphenol
Concen: 5.645 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

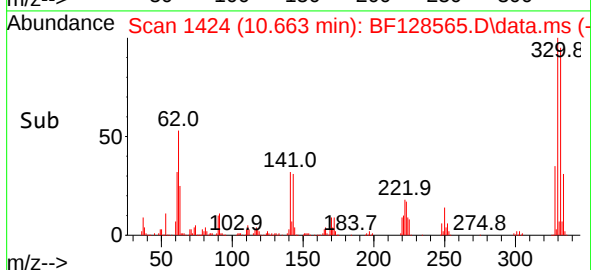
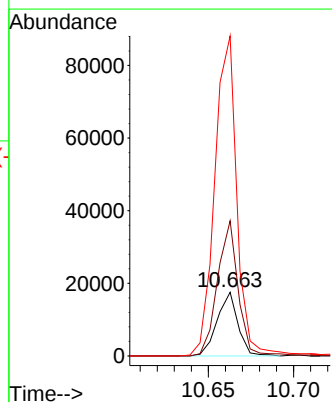
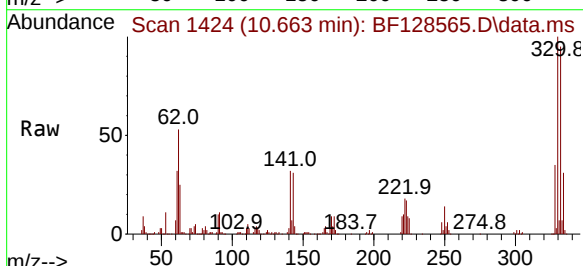
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-01

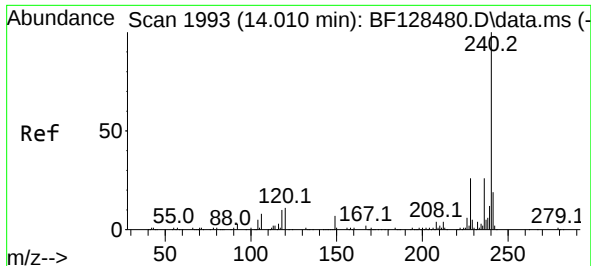
Tgt Ion:198 Resp: 446
Ion Ratio Lower Upper
198 100
51 163.6 37.6 77.6#
105 230.3 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 2.421 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

Tgt Ion:248 Resp: 14951
Ion Ratio Lower Upper
248 100
250 212.5 80.6 120.8#
141 502.6 58.9 88.3#

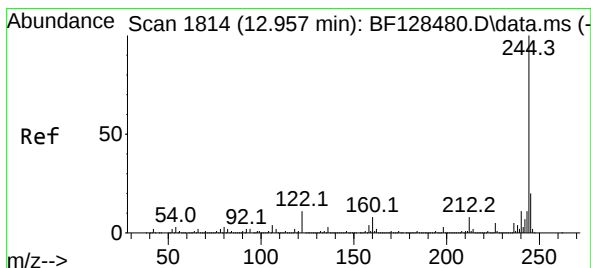
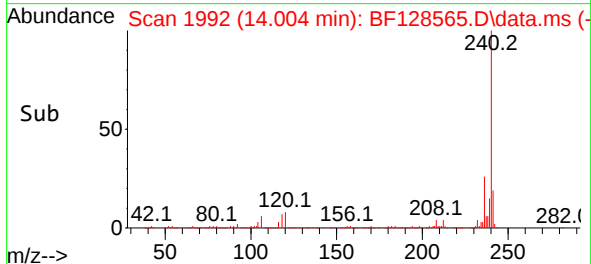
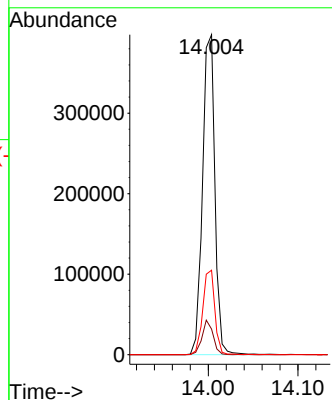
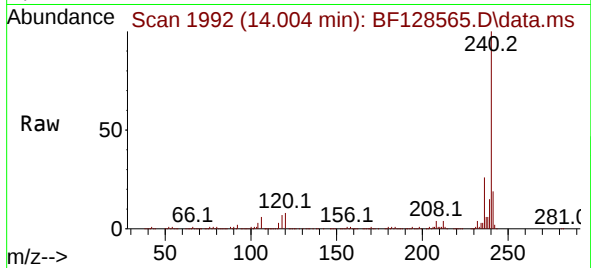




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

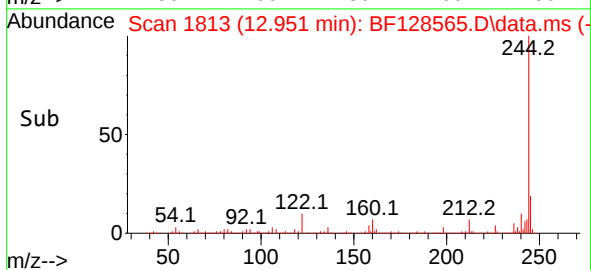
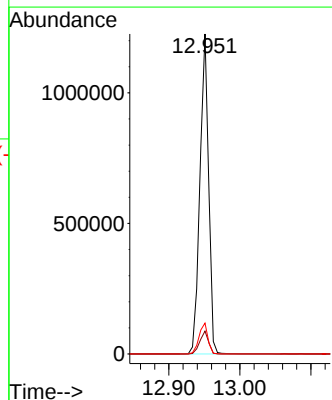
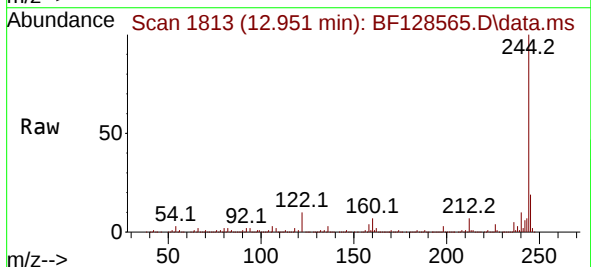
Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-01

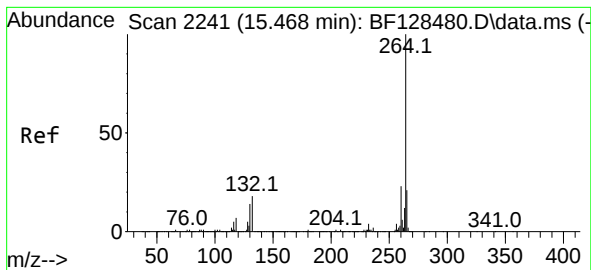
Tgt Ion:240 Resp: 380422
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 26.4 20.8 31.2



#79
Terphenyl-d14
Concen: 53.095 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

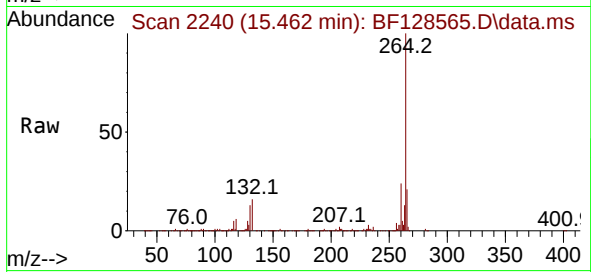
Tgt Ion:244 Resp: 1045485
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 9.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128565.D
Acq: 29 May 2022 12:07

Instrument :
BNA_F
ClientSampleId :
P035-SS001-1218-01



Tgt Ion:264 Resp: 317303

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.2	17.2	25.8

