

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128569.D
 Acq On : 29 May 2022 14:05
 Operator : CG\JU
 Sample : N2951-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-2430-01

Quant Time: May 30 00:50:48 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)

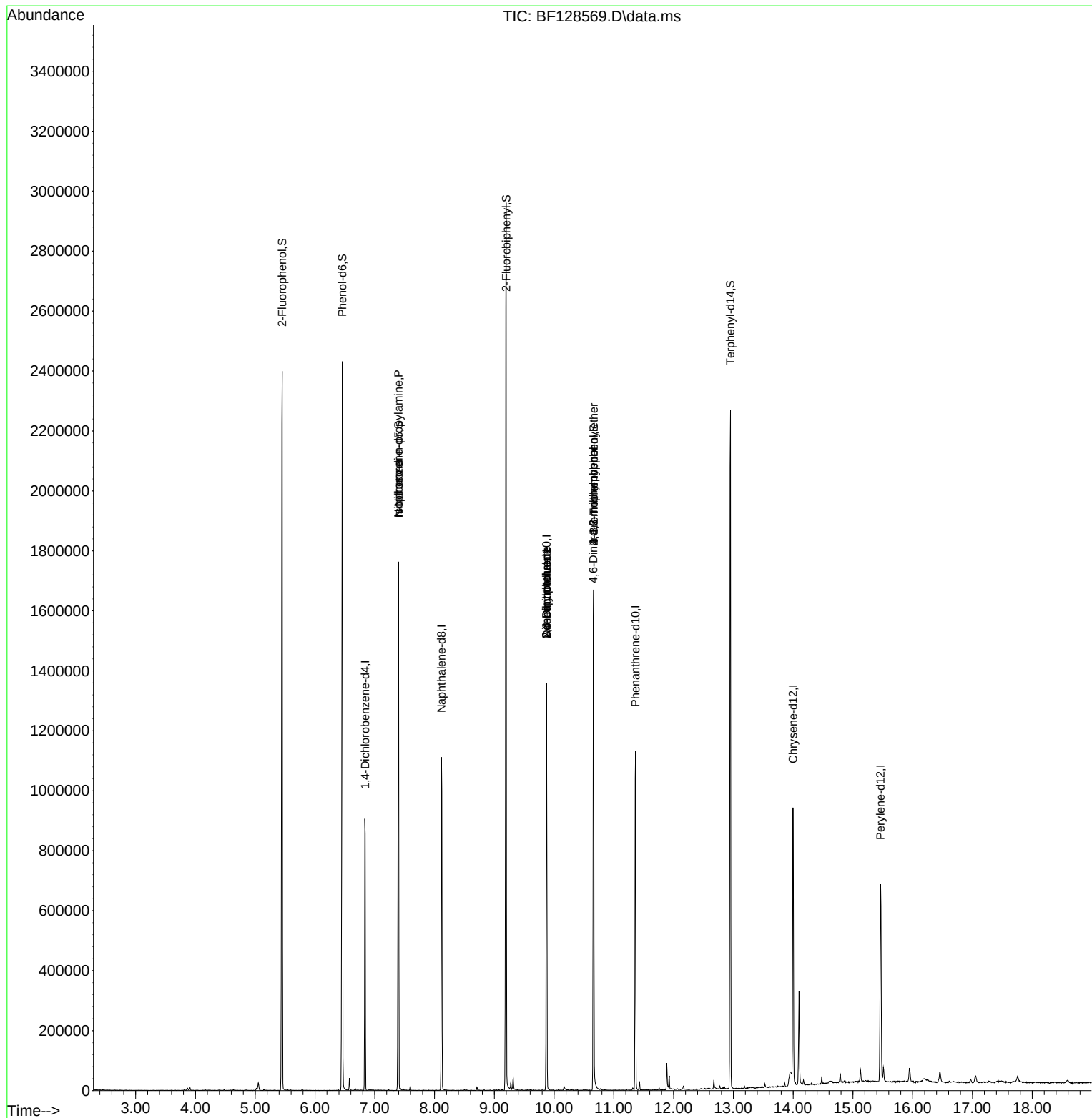
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	125610	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	480442	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	252022	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	421252	20.000	ng	0.00
76) Chrysene-d12	13.998	240	297443	20.000	ng	-0.01
86) Perylene-d12	15.463	264	301577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	621389	81.942	ng	0.00
7) Phenol-d6	6.457	99	787910	81.489	ng	-0.01
23) Nitrobenzene-d5	7.398	82	526402	63.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	202995	84.623	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	928642	59.864	ng	0.00
79) Terphenyl-d14	12.951	244	777393	50.493	ng	0.00
Target Compounds						
9) Benzaldehyde	6.387	77	157	Below Cal	Qvalue	# 30
19) n-Nitroso-di-n-propyla...	7.398	70	70788	11.941	ng	# 78
25) Isophorone	7.398	82	526396	34.263	ng	# 65
50) Dimethylphthalate	9.875	163	44594	2.728	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	31895	10.646	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	31895	8.898	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.657	198	537	5.746	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	13566	3.117	ng	# 1

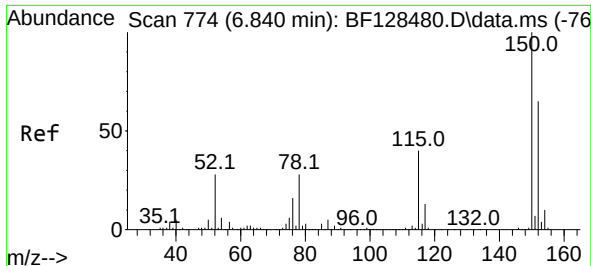
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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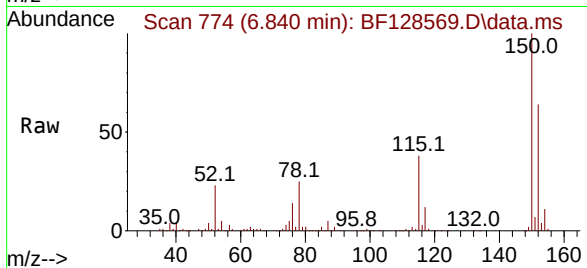
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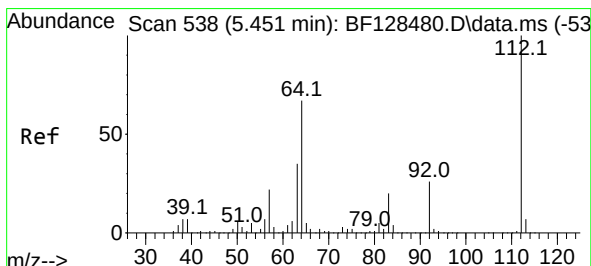
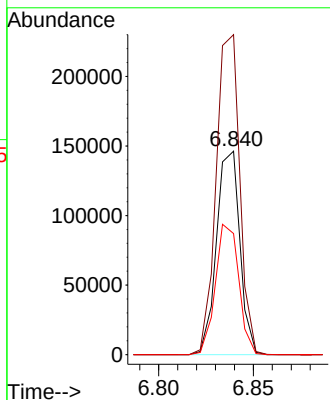
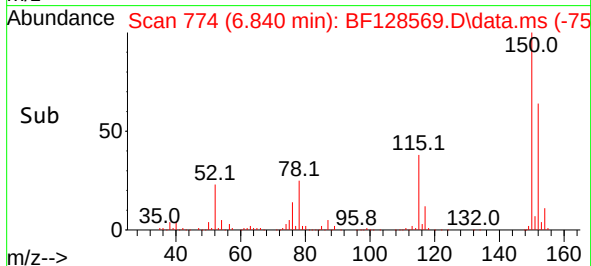


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
P036-SS001-2430-01

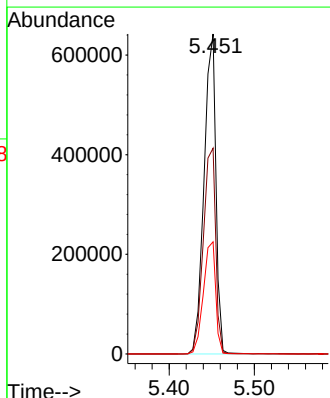
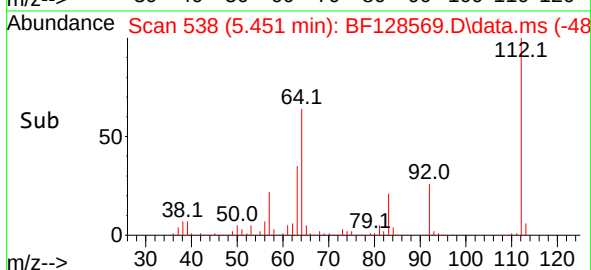
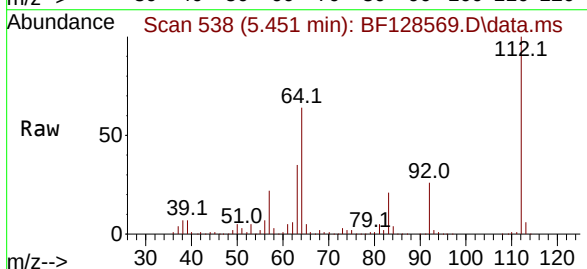


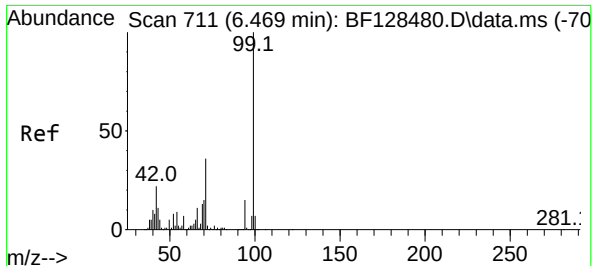
Tgt Ion:152 Resp: 125610
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 59.5 49.9 74.9



#5
2-Fluorophenol
Concen: 81.942 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

Tgt Ion:112 Resp: 621389
Ion Ratio Lower Upper
112 100
64 64.3 53.3 79.9
63 35.1 28.0 42.0

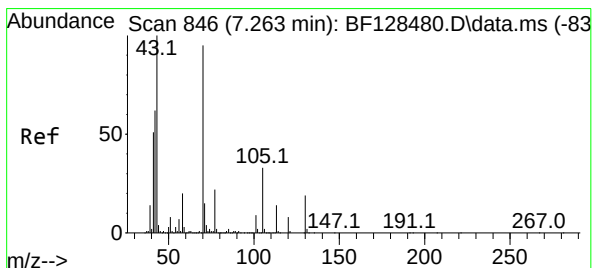
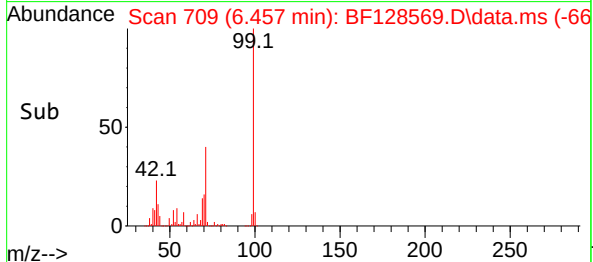
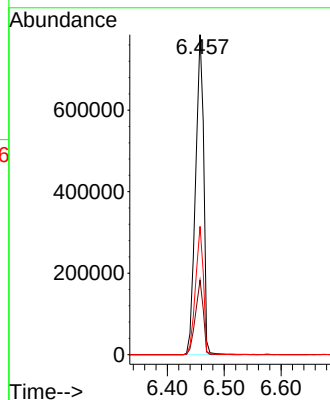
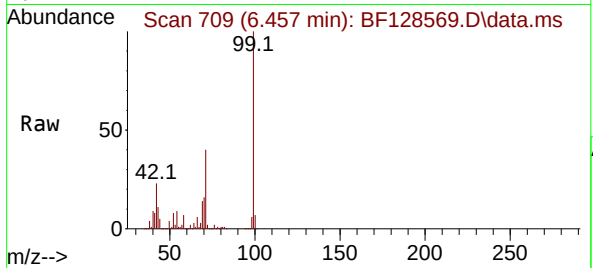




#7
Phenol-d6
Concen: 81.489 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

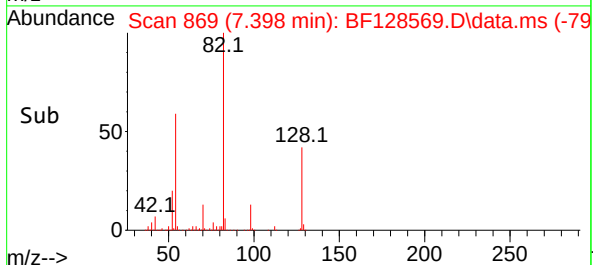
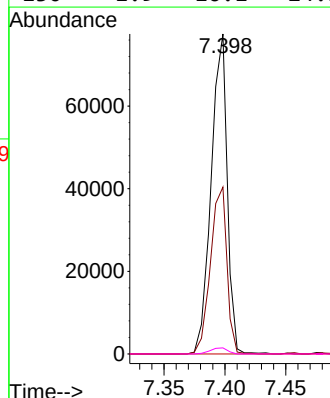
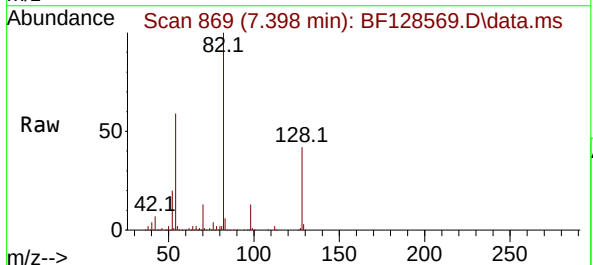
Instrument :
BNA_F
ClientSampleId :
P036-SS001-2430-01

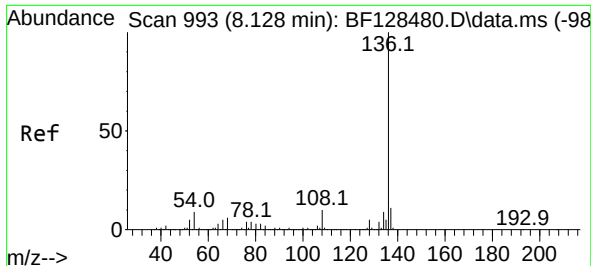
Tgt Ion: 99 Resp: 787910
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 40.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.941 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

Tgt Ion: 70 Resp: 70788
Ion Ratio Lower Upper
70 100
42 52.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

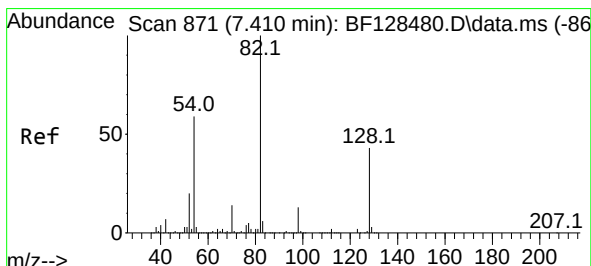
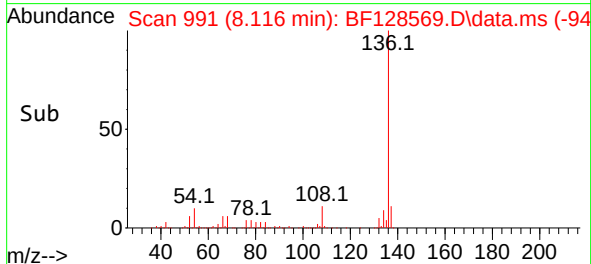
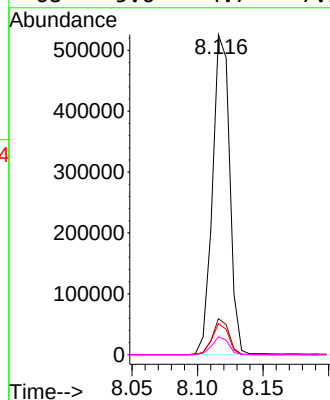
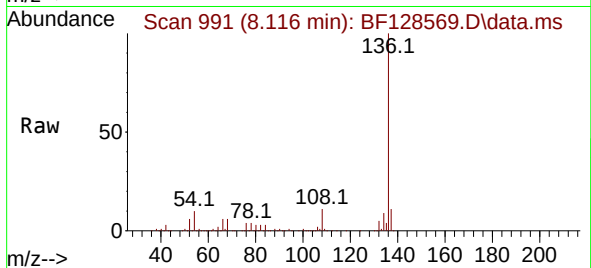




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

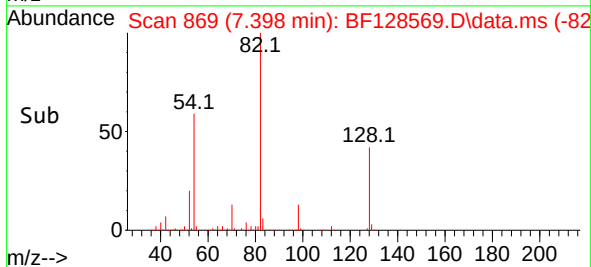
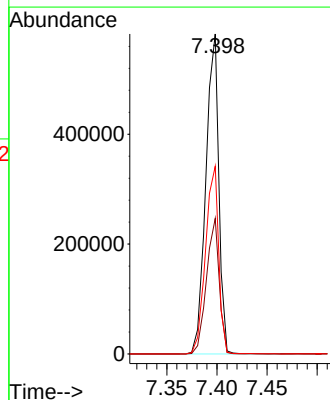
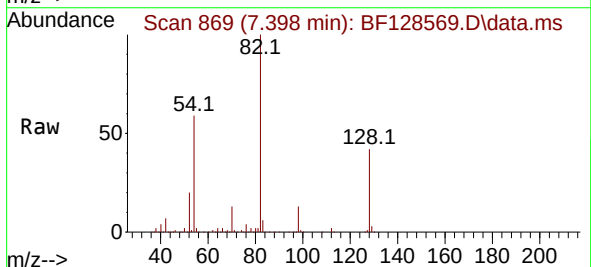
Instrument :
BNA_F
ClientSampleId :
P036-SS001-2430-01

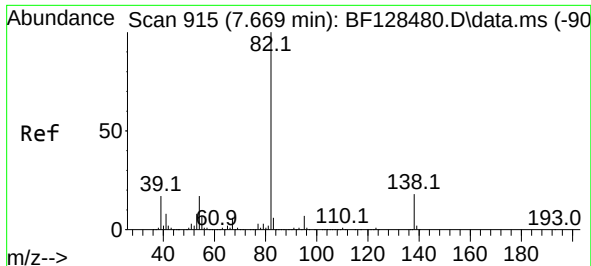
Tgt	Ion:136	Resp:	480442
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.7	7.5	11.3
68	5.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 63.207 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

Tgt Ion: 82	Resp: 526402
Ion Ratio	Lower Upper
82 100	
128 42.3	34.0 51.0
54 58.6	46.9 70.3

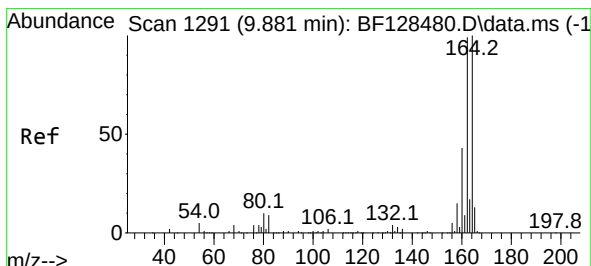
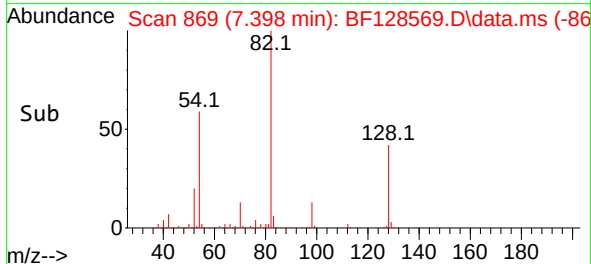
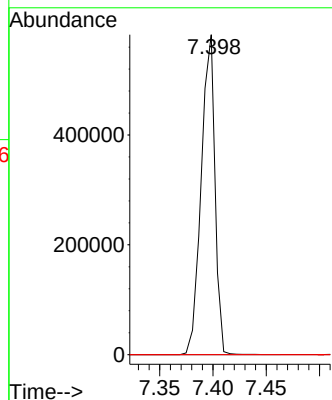
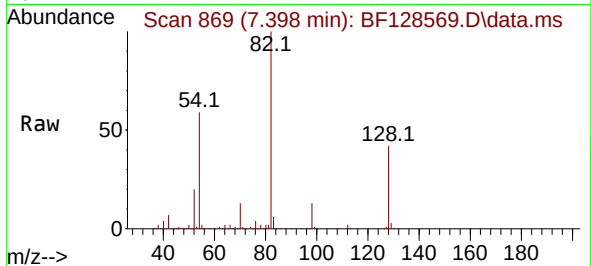




#25
Isophorone
Concen: 34.263 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

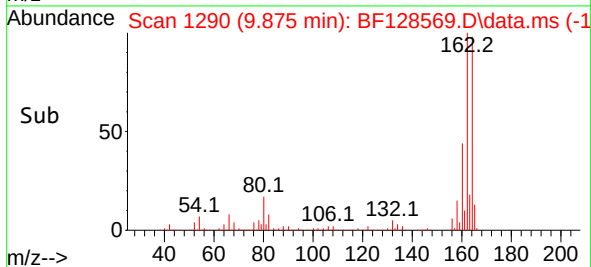
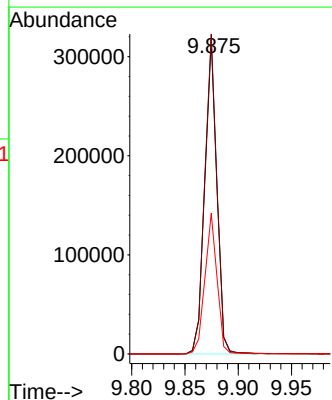
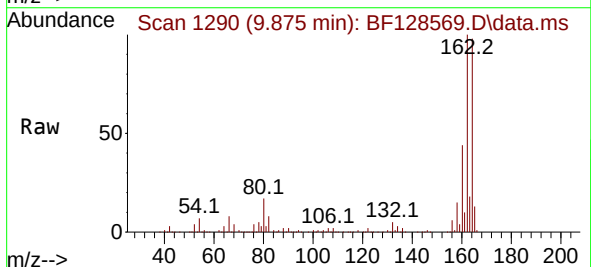
Instrument :
BNA_F
ClientSampleId :
P036-SS001-2430-01

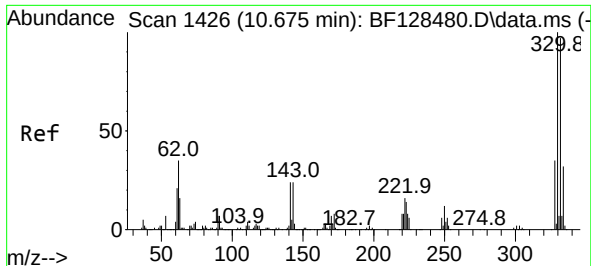
Tgt Ion: 82 Resp: 526396
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

Tgt Ion: 164 Resp: 252022
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 84.623 ng

RT: 10.663 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF128569.D

Acq: 29 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

P036-SS001-2430-01

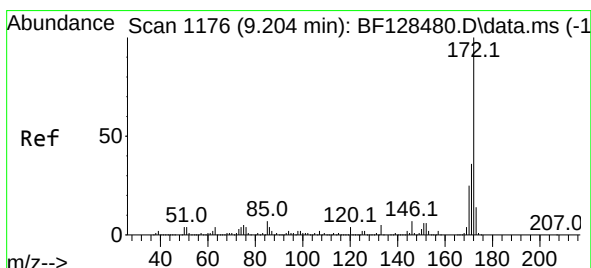
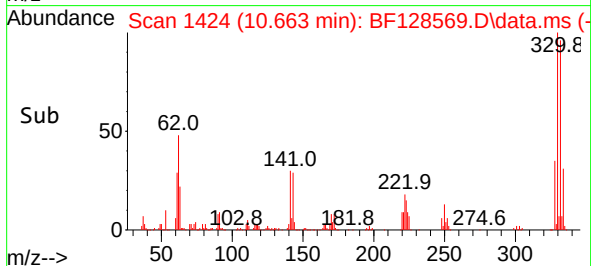
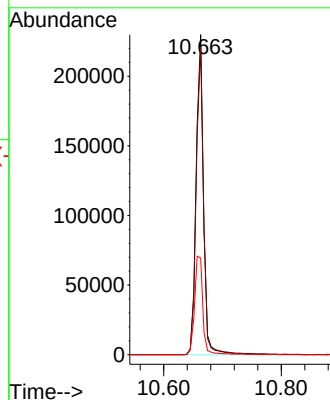
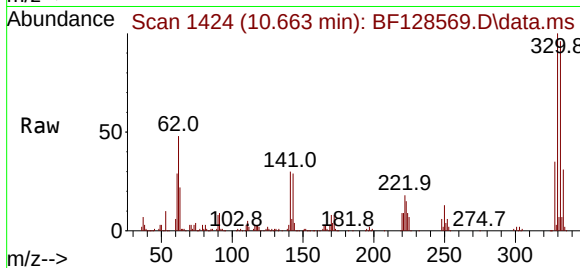
Tgt Ion:330 Resp: 202995

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 59.864 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128569.D

Acq: 29 May 2022 14:05

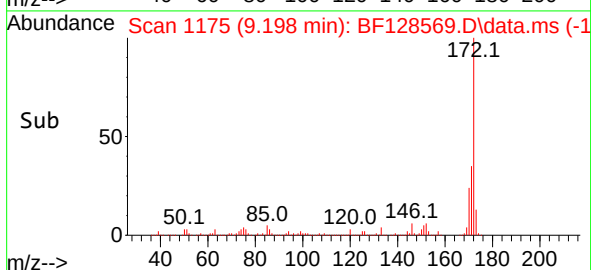
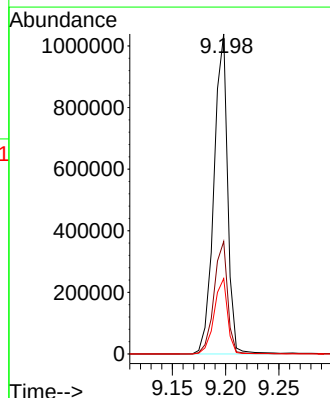
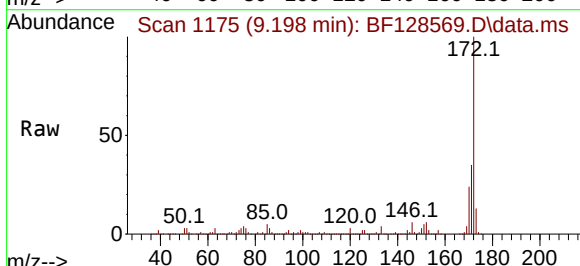
Tgt Ion:172 Resp: 928642

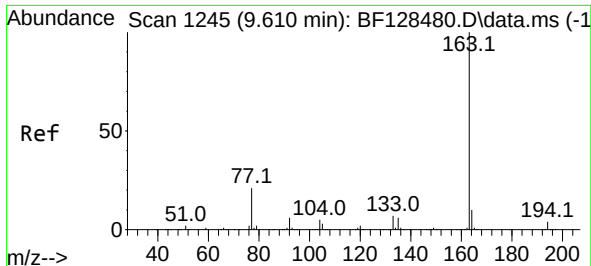
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.6 19.8 29.8

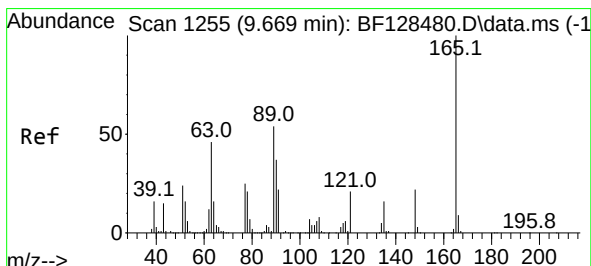
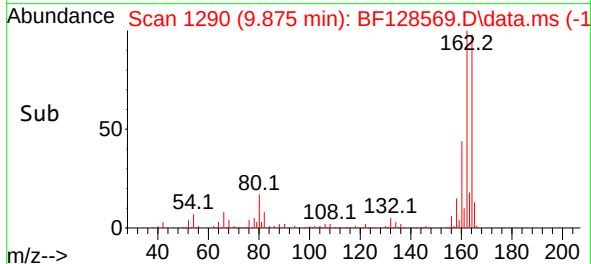
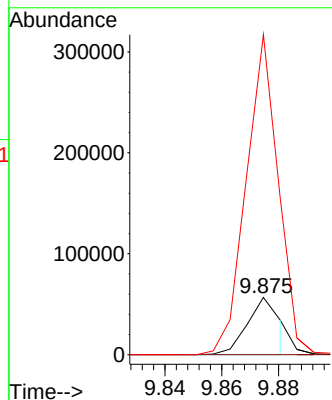
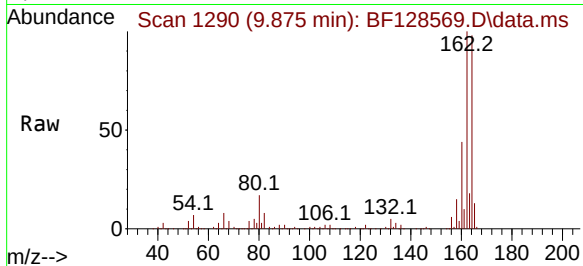




#50
Dimethylphthalate
Concen: 2.728 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

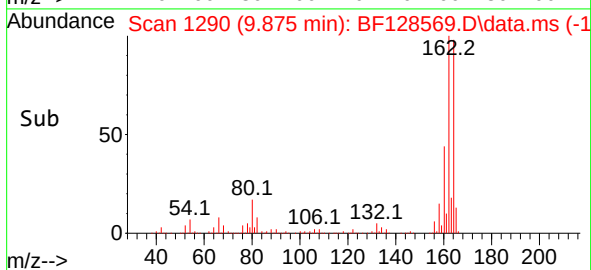
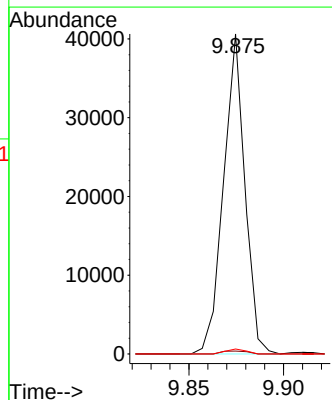
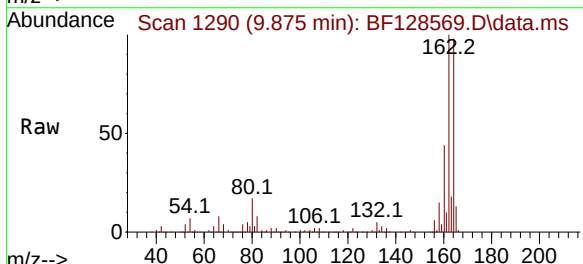
Instrument :
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P036-SS001-2430-01

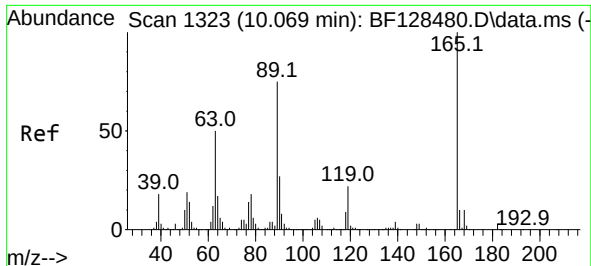
Tgt Ion:163 Resp: 44594
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 559.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.646 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

Tgt Ion:165 Resp: 31895
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.6 43.6 65.4#

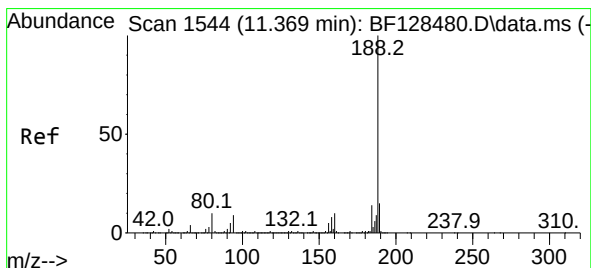
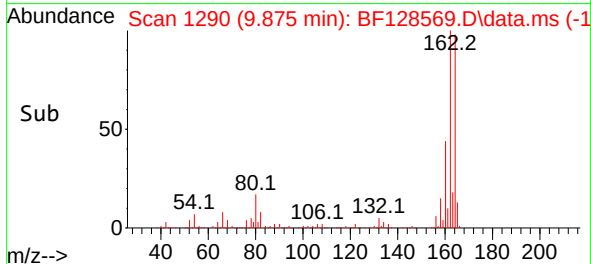
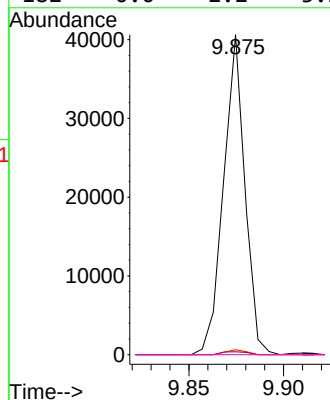
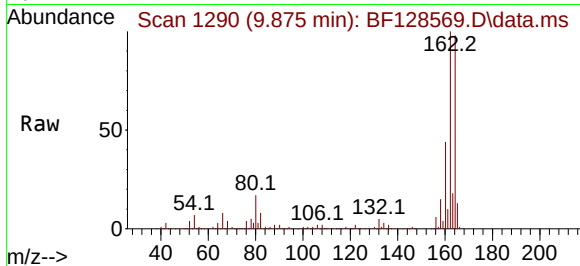




#57
2,4-Dinitrotoluene
Concen: 8.898 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

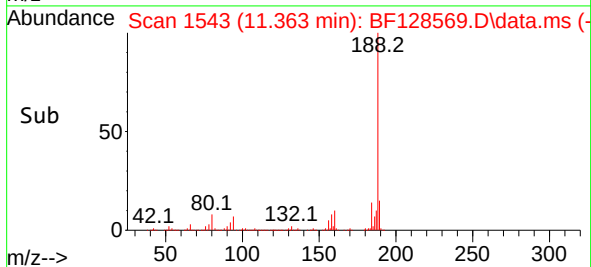
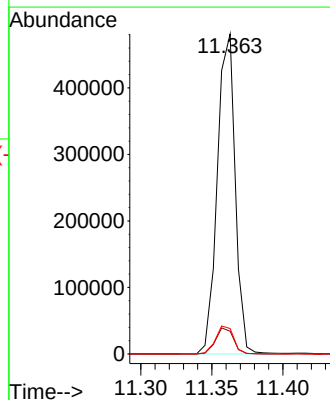
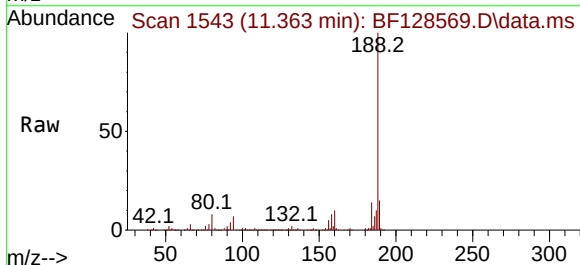
Instrument :
BNA_F
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P036-SS001-2430-01

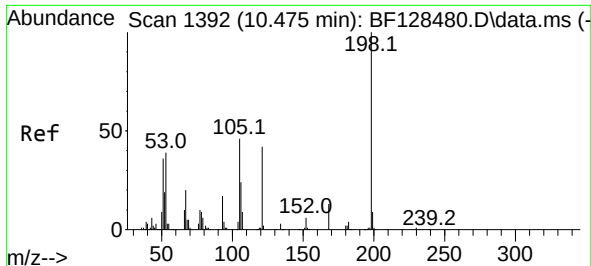
Tgt Ion:165 Resp: 31895
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

Tgt Ion:188 Resp: 421252
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 8.0 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.746 ng

RT: 10.657 min Scan# 1423

Delta R.T. 0.182 min

Lab File: BF128569.D

Acq: 29 May 2022 14:05

Instrument :

BNA_F

ClientSampleId :

P036-SS001-2430-01

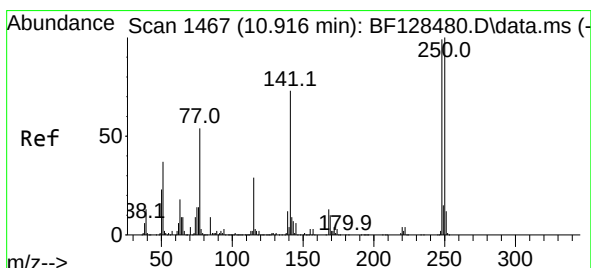
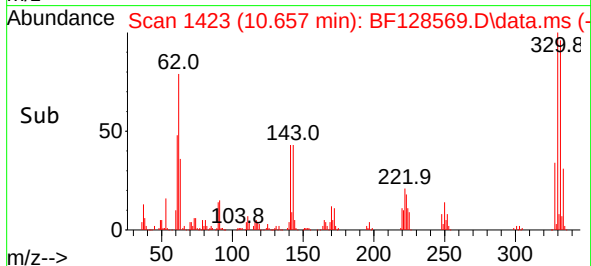
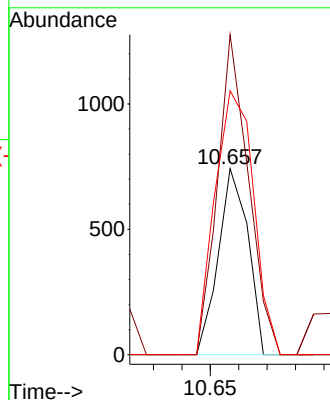
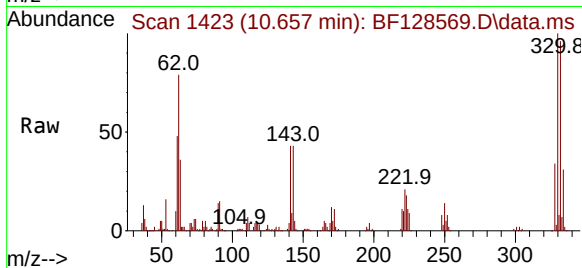
Tgt Ion:198 Resp: 537

Ion Ratio Lower Upper

198 100 37.6 77.6#

51 172.0 27.0 67.0#

105 141.8 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.117 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128569.D

Acq: 29 May 2022 14:05

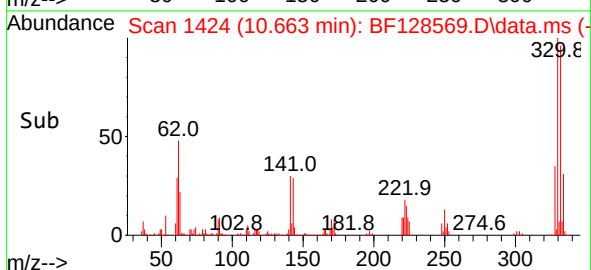
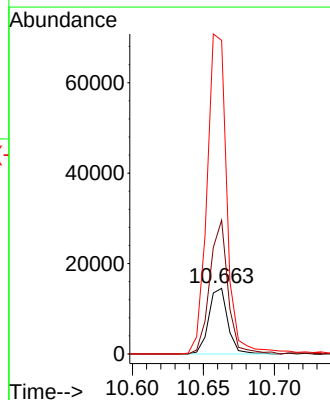
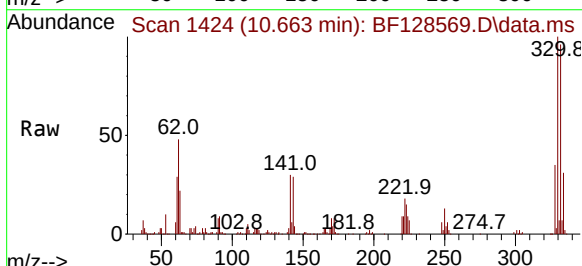
Tgt Ion:248 Resp: 13566

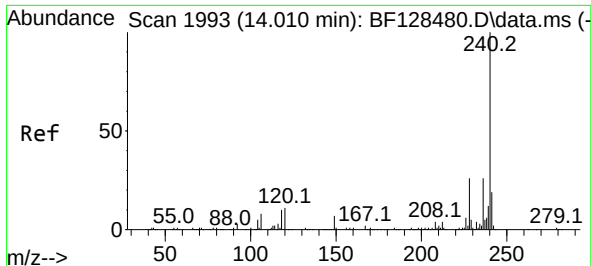
Ion Ratio Lower Upper

248 100 80.6 120.8#

250 203.8 80.6 120.8#

141 477.9 58.9 88.3#

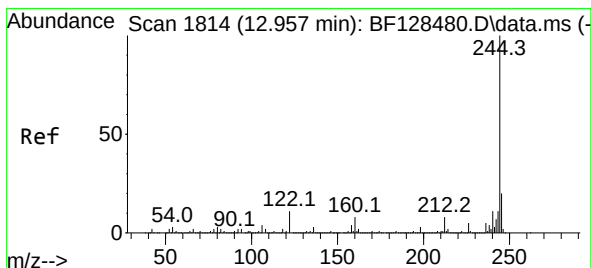
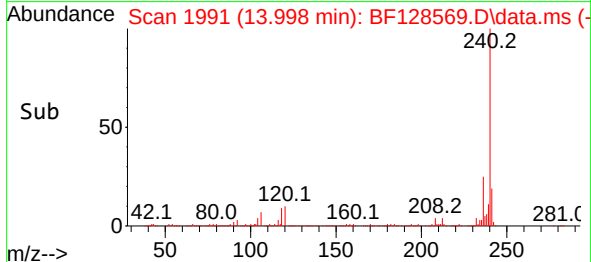
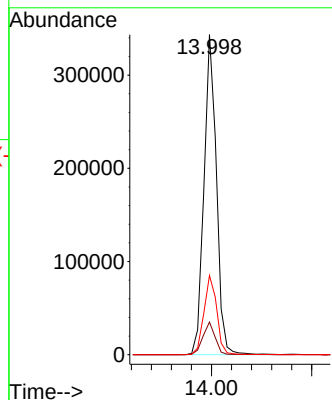
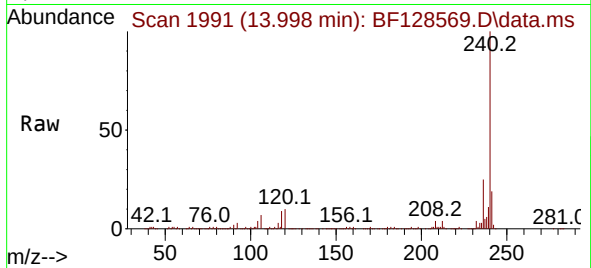




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

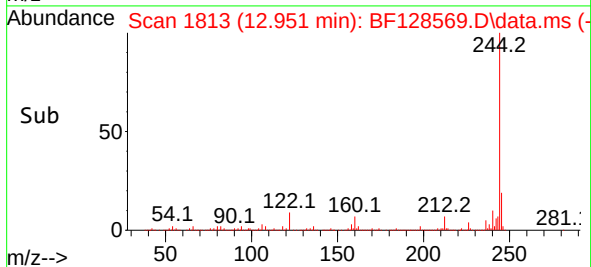
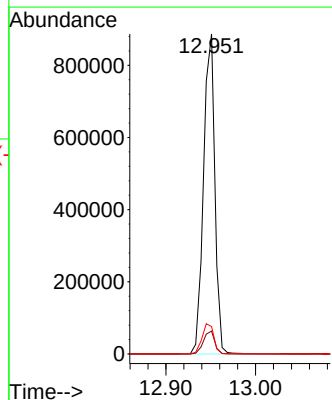
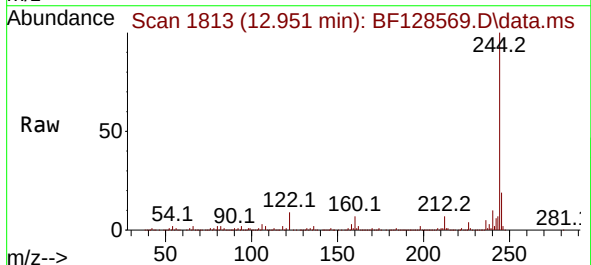
Instrument :
BNA_F
ClientSampleId :
P036-SS001-2430-01

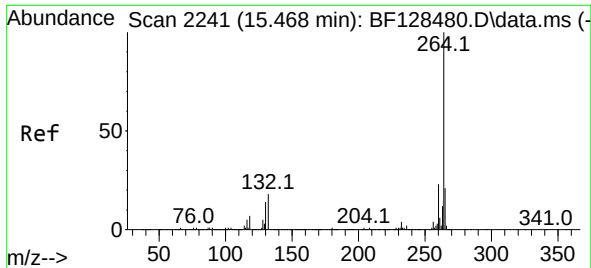
Tgt Ion:240 Resp: 297443
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 50.493 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

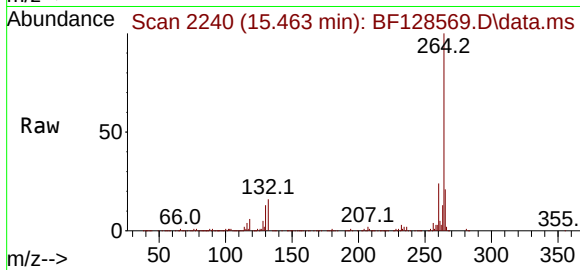
Tgt Ion:244 Resp: 777393
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 8.6 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128569.D
Acq: 29 May 2022 14:05

Instrument :
BNA_F
ClientSampleId :
P036-SS001-2430-01



Tgt Ion:	264	Resp:	301577
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.4	27.6
265	21.5	17.2	25.8

