

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128536.D
 Acq On : 28 May 2022 04:32
 Operator : CG\JU
 Sample : N2954-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P044-SS005-0006-01

Quant Time: May 28 05:02:49 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	231793	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	874279	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	450264	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	730532	20.000	ng	0.00
76) Chrysene-d12	14.004	240	463277	20.000	ng	0.00
86) Perylene-d12	15.468	264	443008	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1128578	80.649	ng	0.00
7) Phenol-d6	6.463	99	1434611	80.404	ng	0.00
23) Nitrobenzene-d5	7.398	82	950764	62.735	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	338242	78.922	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1707183	61.599	ng	0.00
79) Terphenyl-d14	12.951	244	1385109	57.762	ng	0.00

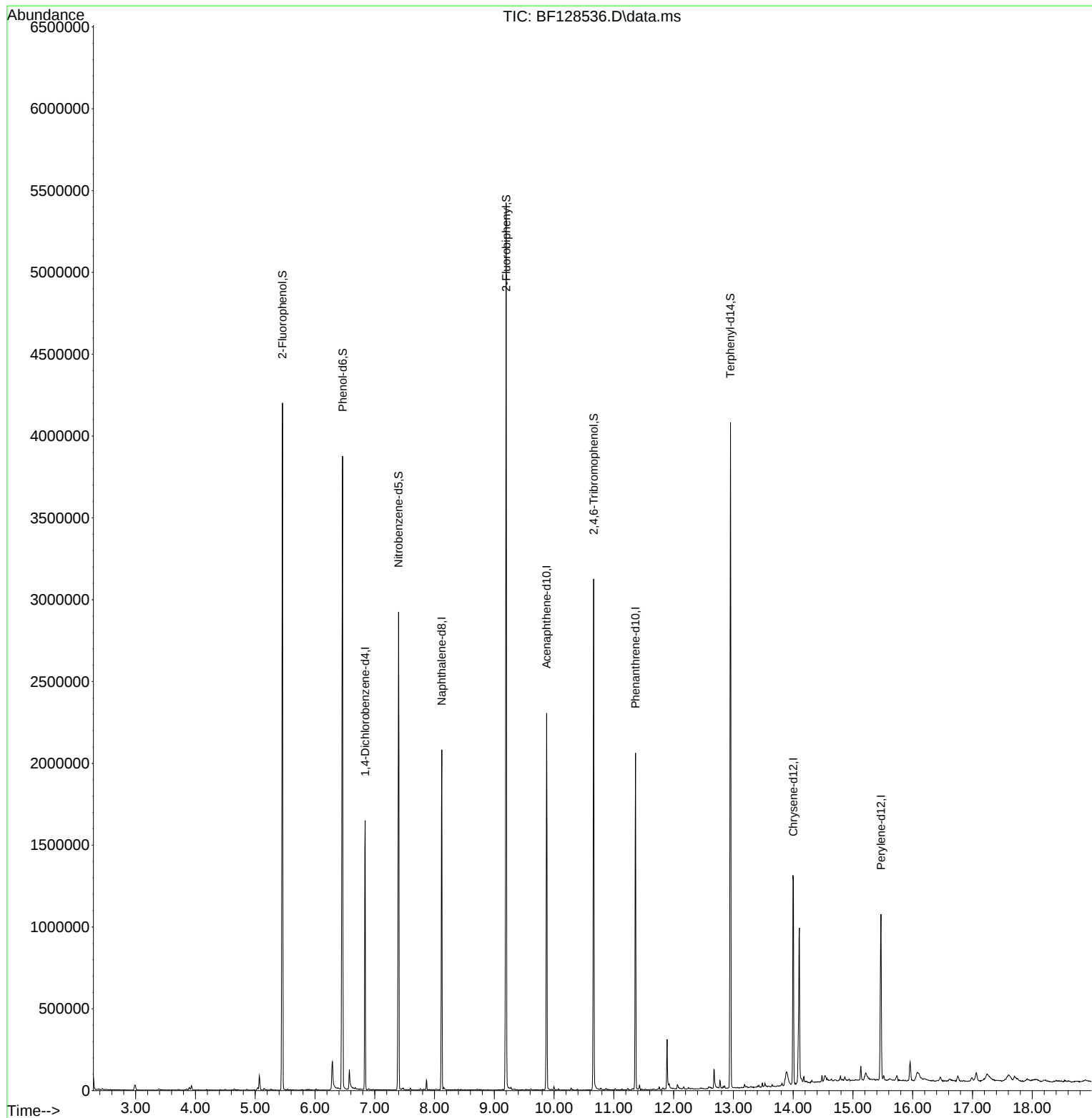
Target Compounds	Qvalue

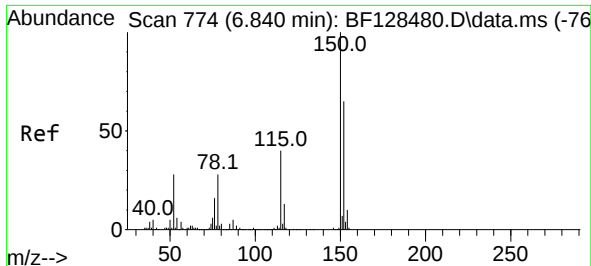
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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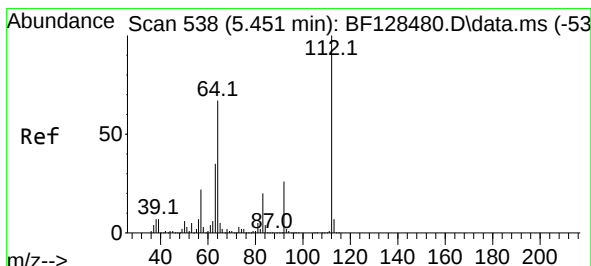
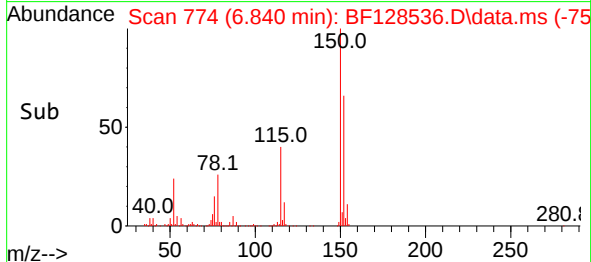
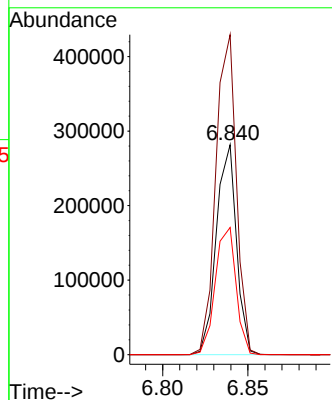
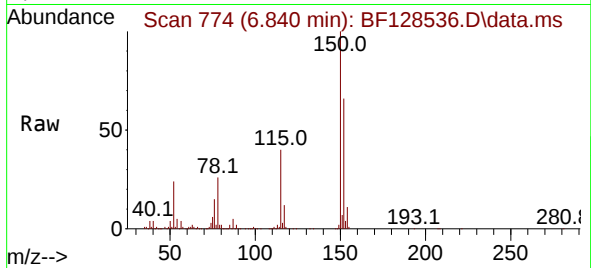




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

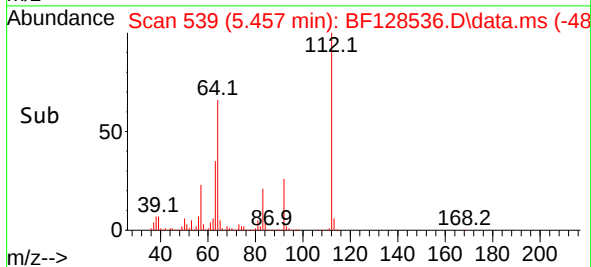
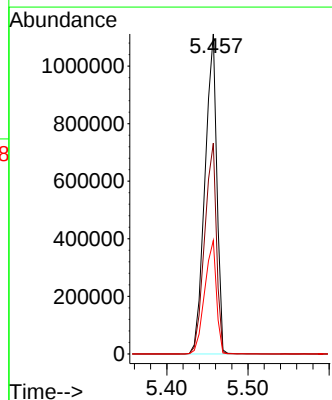
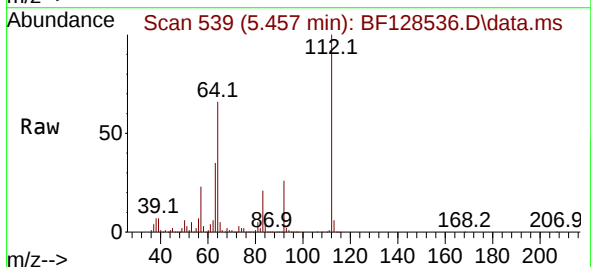
Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01

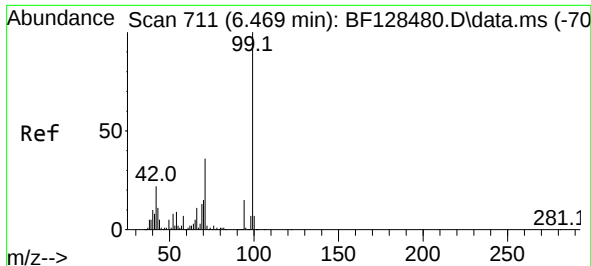
Tgt Ion:152 Resp: 231793
Ion Ratio Lower Upper
152 100
150 152.4 123.7 185.5
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 80.649 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion:112 Resp: 1128578
Ion Ratio Lower Upper
112 100
64 65.9 53.3 79.9
63 35.5 28.0 42.0

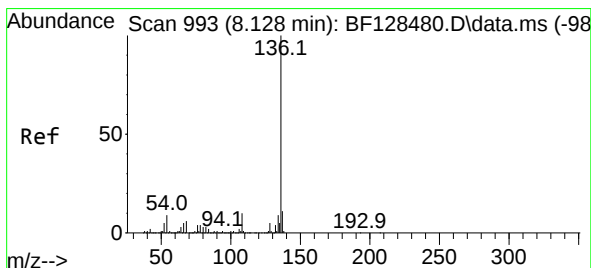
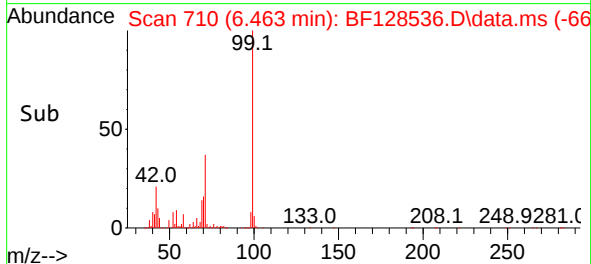
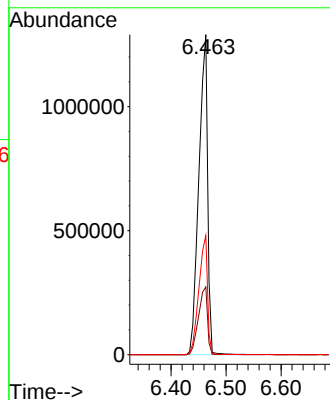
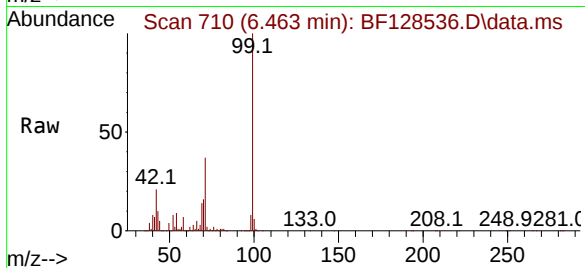




#7
Phenol-d6
Concen: 80.404 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

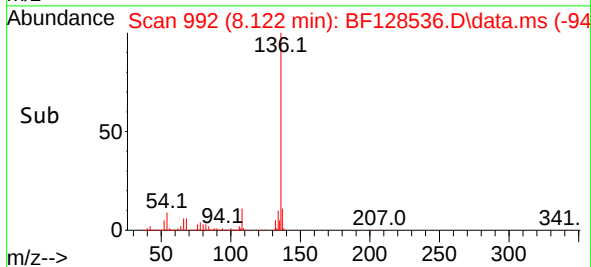
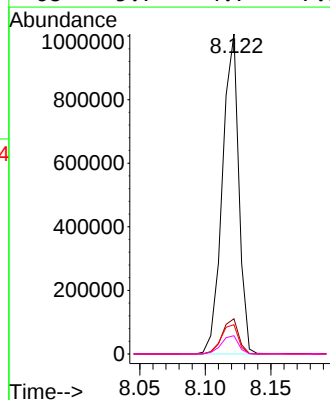
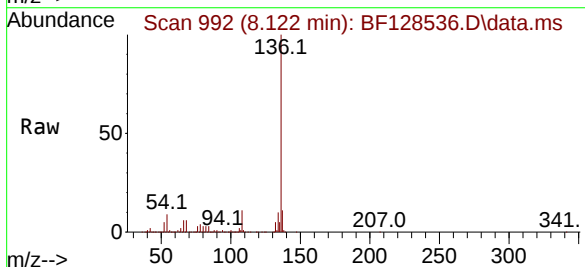
Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01

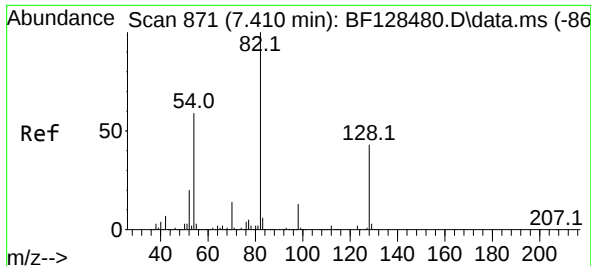
Tgt Ion: 99 Resp: 1434611
Ion Ratio Lower Upper
99 100
42 21.2 17.3 25.9
71 37.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion:136 Resp: 874279
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 7.5 11.3
68 5.7 4.7 7.1

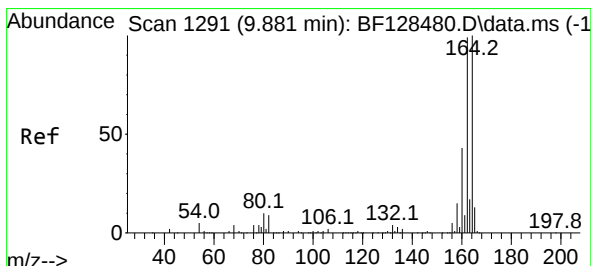
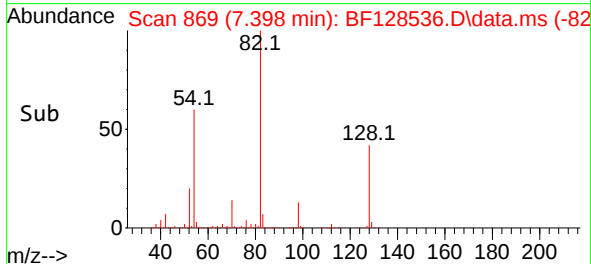
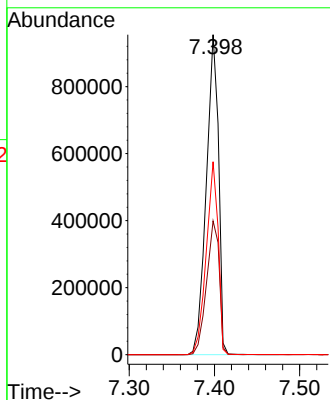
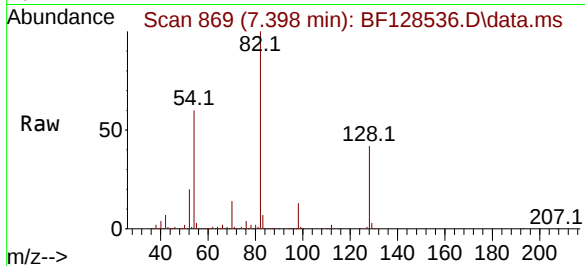




#23
Nitrobenzene-d5
Concen: 62.735 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

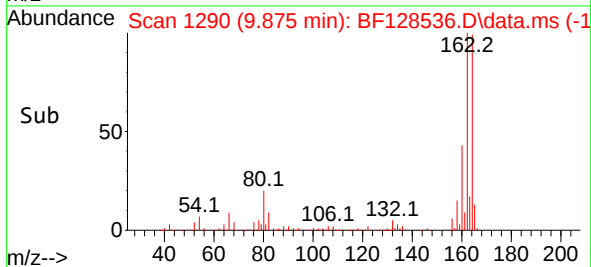
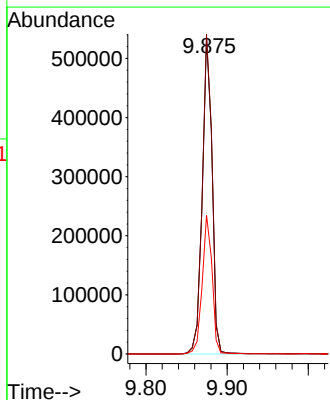
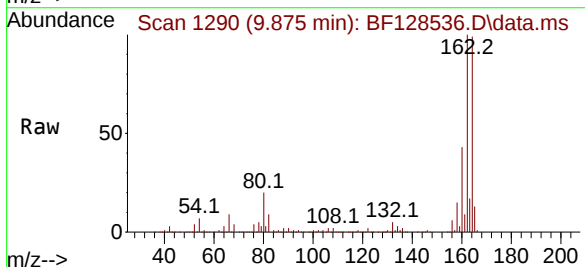
Instrument :
BNA_F
ClientSampleId :
P044-SS005-0006-01

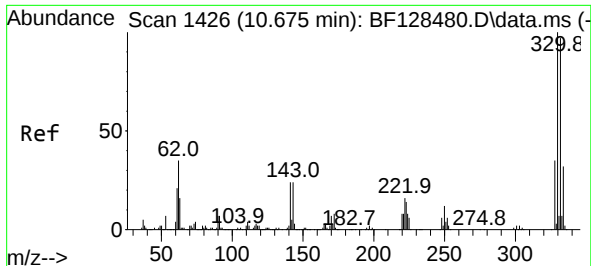
Tgt Ion: 82 Resp: 950764
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 60.3 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128536.D
Acq: 28 May 2022 04:32

Tgt Ion: 164 Resp: 450264
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 43.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 78.922 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128536.D

Acq: 28 May 2022 04:32

Instrument :

BNA_F

ClientSampleId :

P044-SS005-0006-01

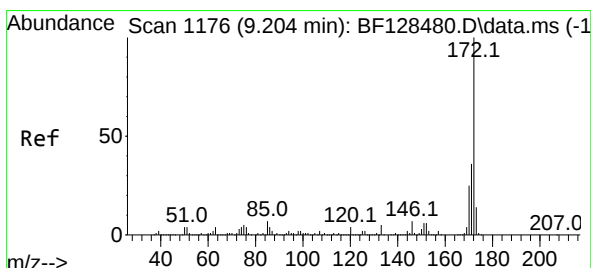
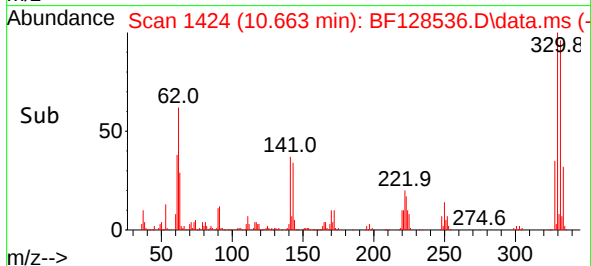
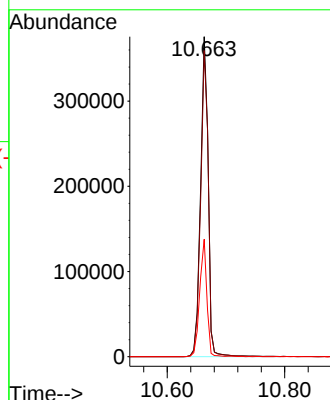
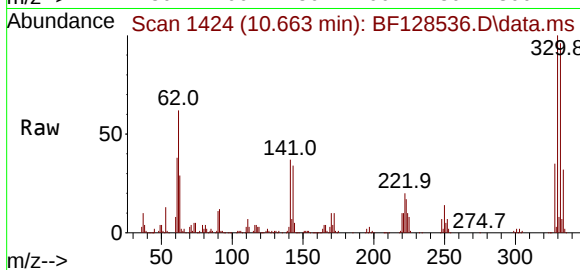
Tgt Ion:330 Resp: 338242

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 61.599 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128536.D

Acq: 28 May 2022 04:32

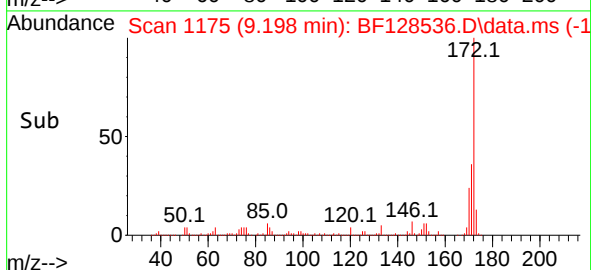
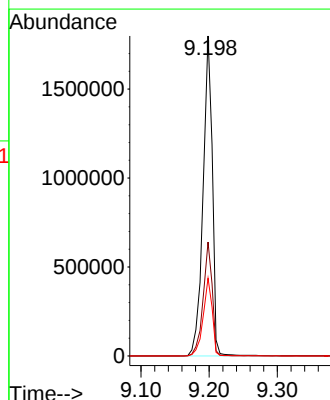
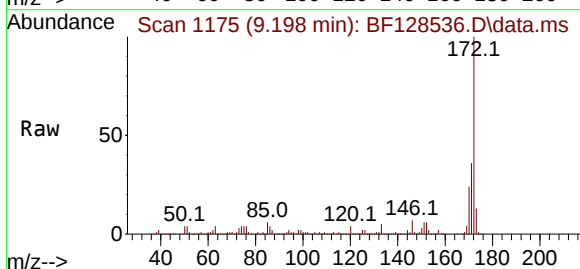
Tgt Ion:172 Resp: 1707183

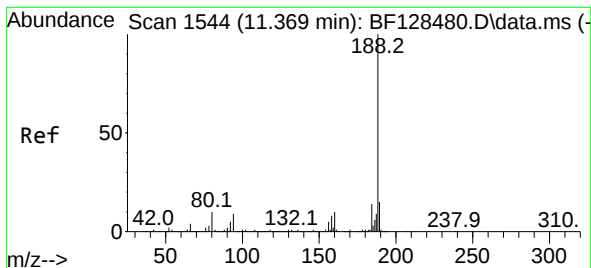
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128536.D

Acq: 28 May 2022 04:32

Instrument :

BNA_F

ClientSampleId :

P044-SS005-0006-01

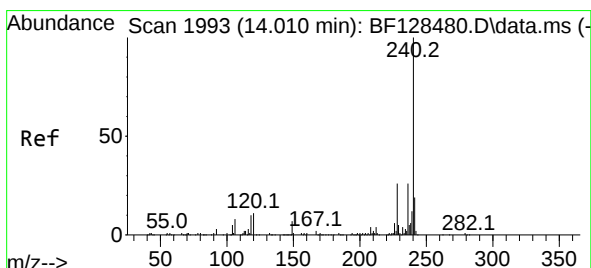
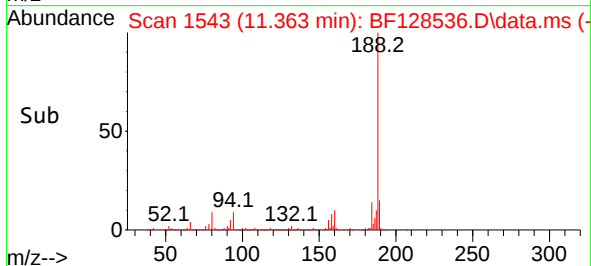
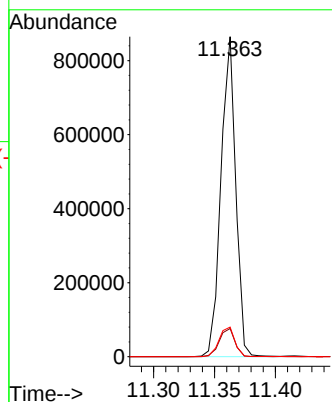
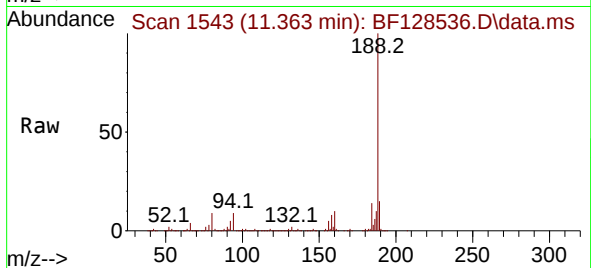
Tgt Ion:188 Resp: 730532

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF128536.D

Acq: 28 May 2022 04:32

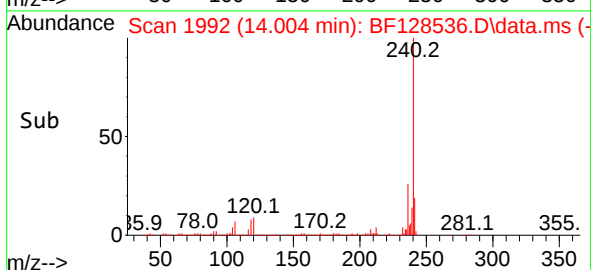
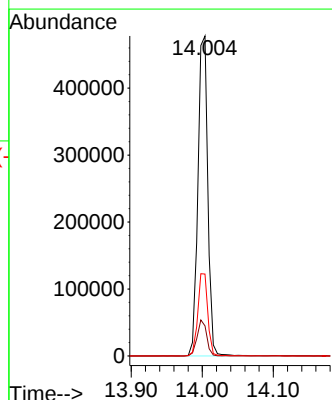
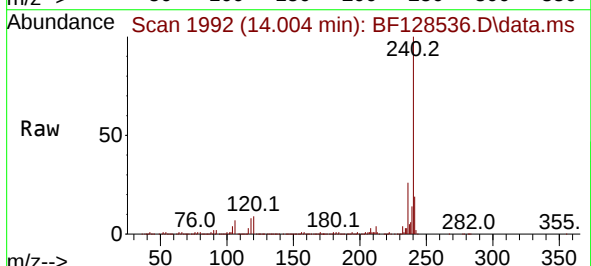
Tgt Ion:240 Resp: 463277

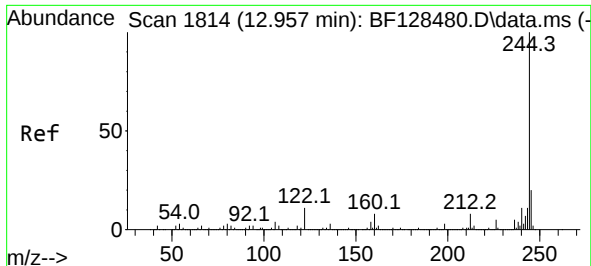
Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

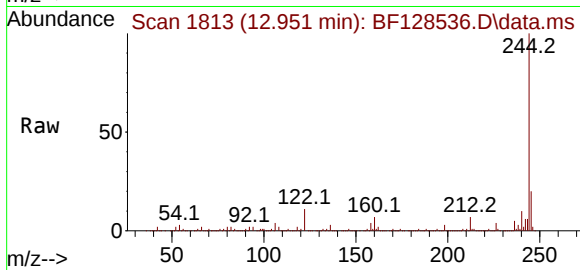
236 25.6 20.8 31.2





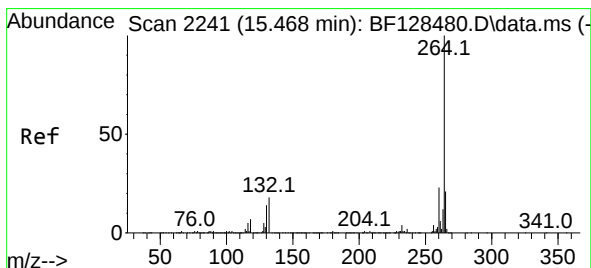
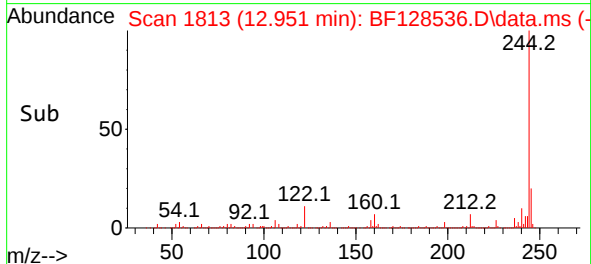
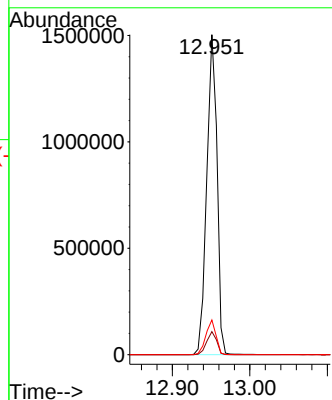
#79
 Terphenyl-d14
 Concen: 57.762 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128536.D
 Acq: 28 May 2022 04:32

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1385109

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.8	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128536.D
 Acq: 28 May 2022 04:32

Tgt Ion:264 Resp: 443008

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.3	17.2	25.8

