

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128505.D
 Acq On : 27 May 2022 12:38
 Operator : CG\JU
 Sample : N2927-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-1218-01

Quant Time: May 27 23:17:56 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	204787	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	812138	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	467663	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	912419	20.000	ng	0.00
76) Chrysene-d12	14.004	240	650970	20.000	ng	0.00
86) Perylene-d12	15.463	264	438547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1225801	99.148	ng	0.00
7) Phenol-d6	6.457	99	1561172	99.036	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1018413	72.340	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	460067	103.354	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1860053	64.618	ng	0.00
79) Terphenyl-d14	12.957	244	2109529	62.607	ng	0.00

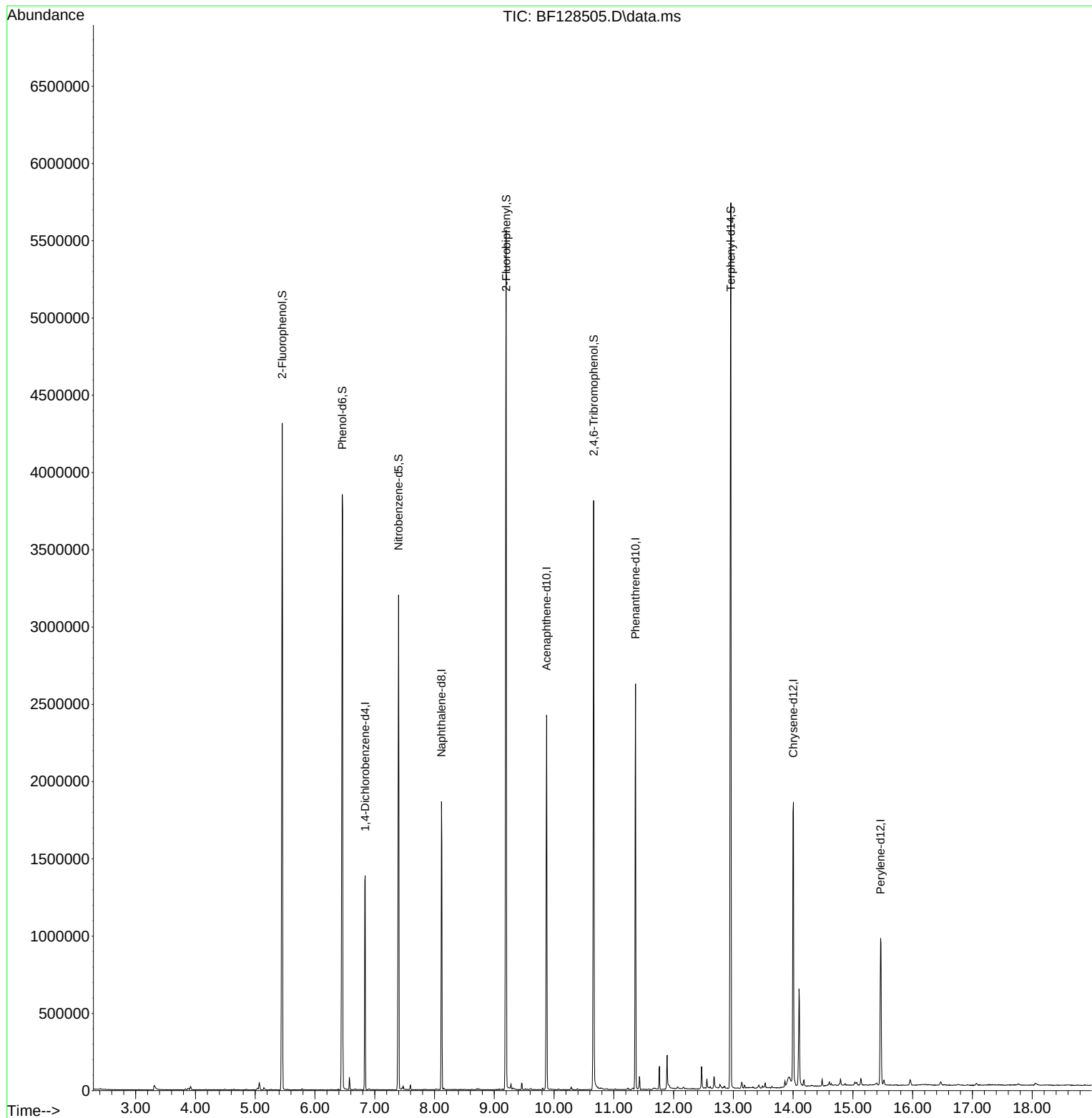
Target Compounds	Qvalue

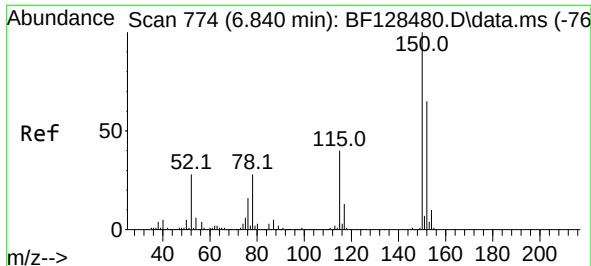
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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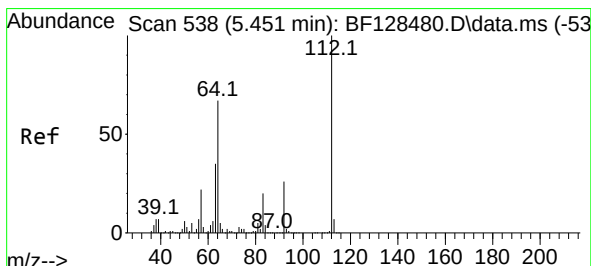
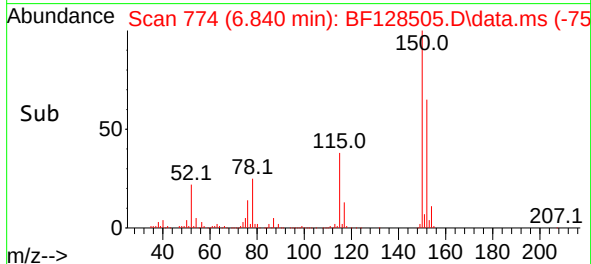
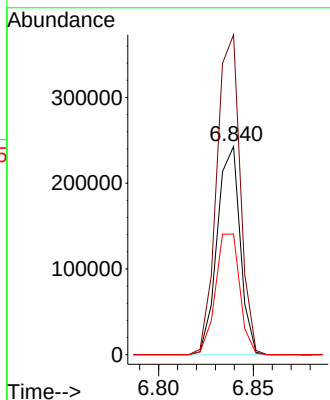
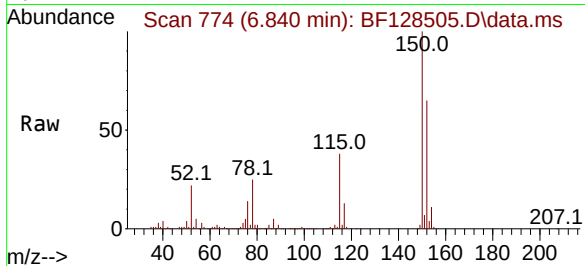




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

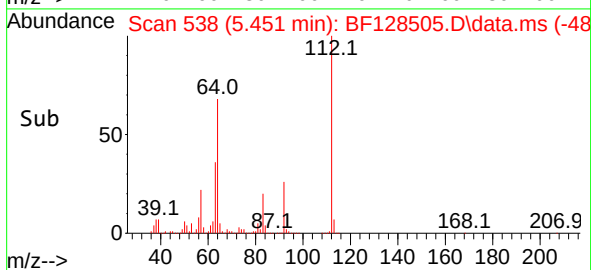
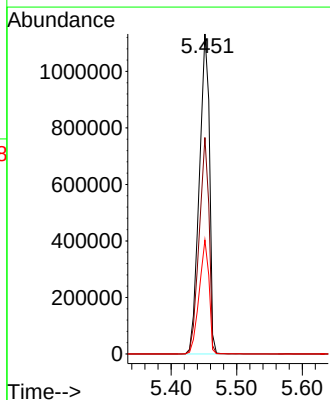
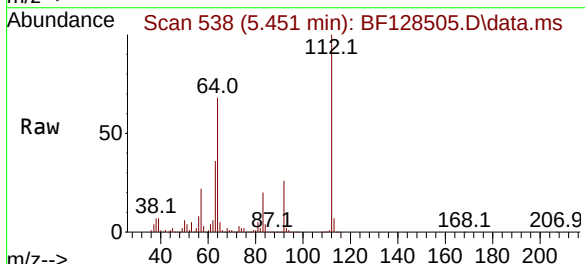
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

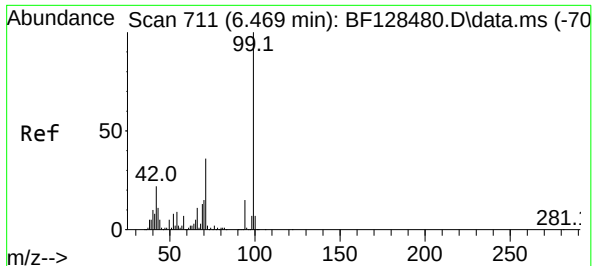
Tgt Ion:152 Resp: 204787
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 57.9 49.9 74.9



#5
2-Fluorophenol
Concen: 99.148 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion:112 Resp: 1225801
Ion Ratio Lower Upper
112 100
64 67.7 53.3 79.9
63 35.6 28.0 42.0



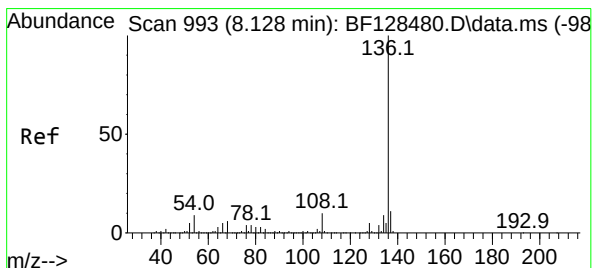
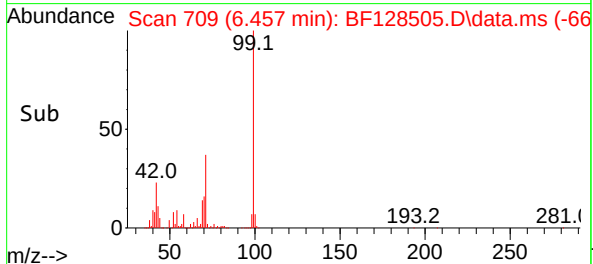
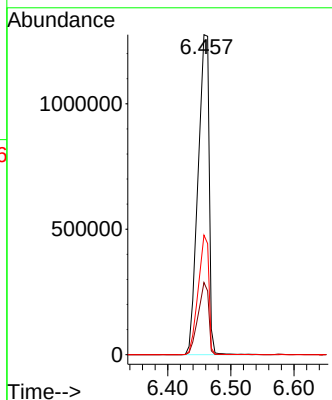
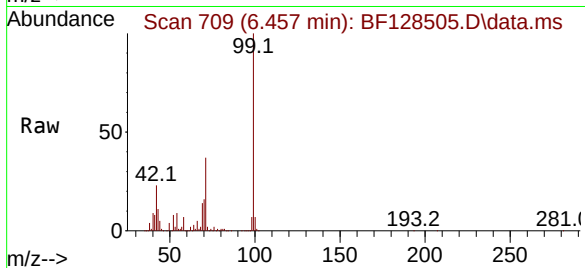


#7
Phenol-d6
Concen: 99.036 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

Tgt Ion: 99 Resp: 1561172

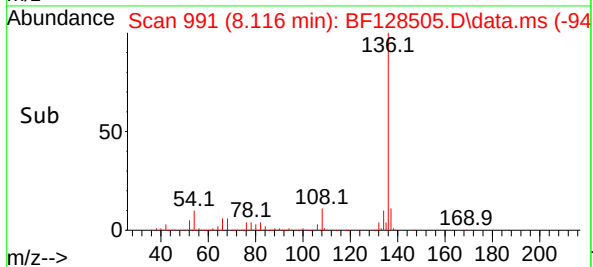
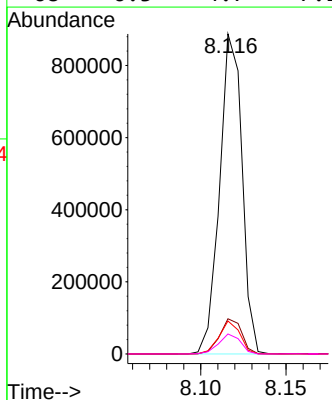
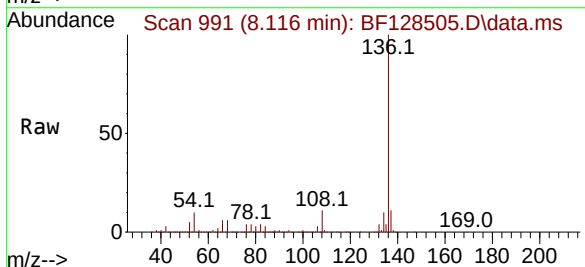
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.3	25.9
71	37.3	28.9	43.3

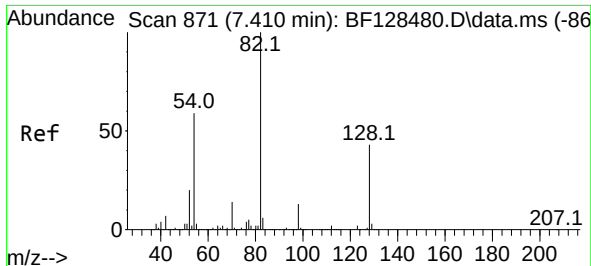


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion: 136 Resp: 812138

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.3	7.5	11.3
68	6.3	4.7	7.1





#23

Nitrobenzene-d5

Concen: 72.340 ng

RT: 7.398 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF128505.D

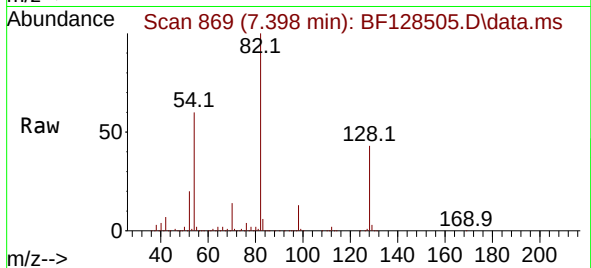
Acq: 27 May 2022 12:38

Instrument :

BNA_F

ClientSampleId :

P010-SS003-1218-01



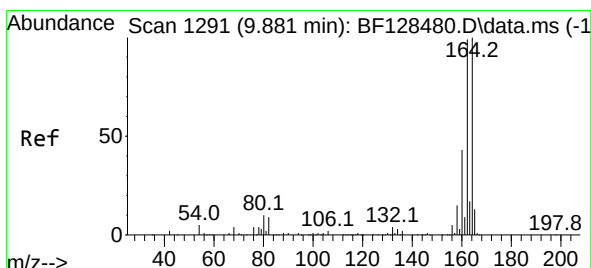
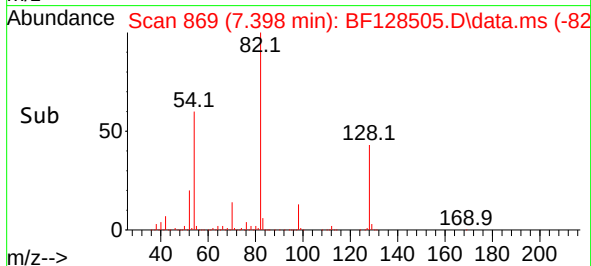
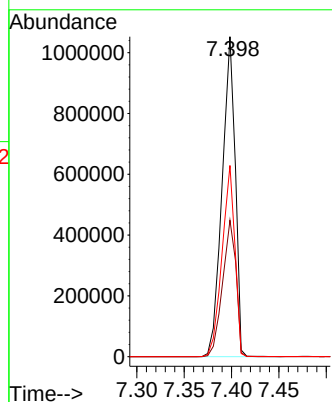
Tgt Ion: 82 Resp: 1018413

Ion Ratio Lower Upper

82 100

128 42.6 34.0 51.0

54 59.8 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: BF128505.D

Acq: 27 May 2022 12:38

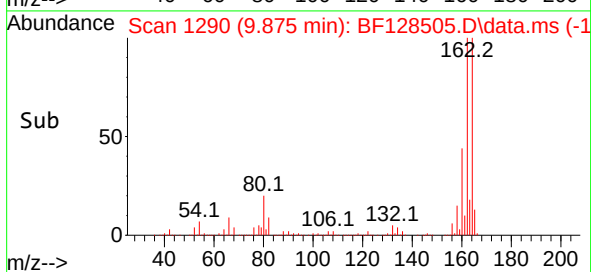
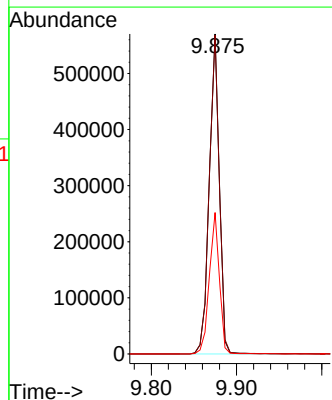
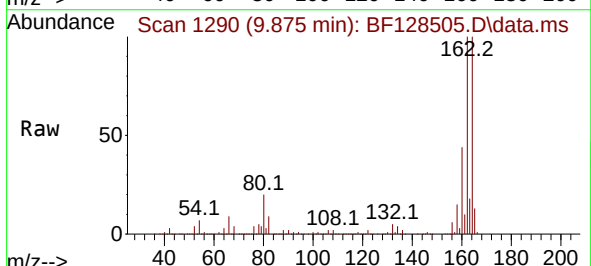
Tgt Ion:164 Resp: 467663

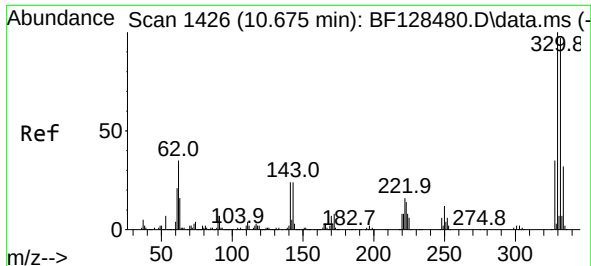
Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 103.354 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128505.D

Acq: 27 May 2022 12:38

Instrument :

BNA_F

ClientSampleId :

P010-SS003-1218-01

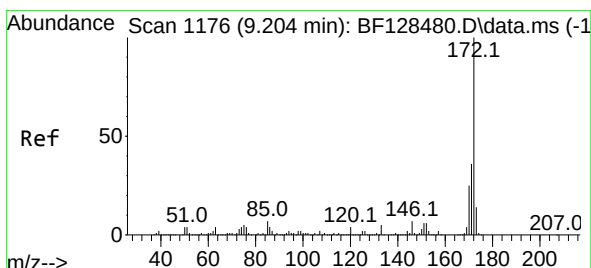
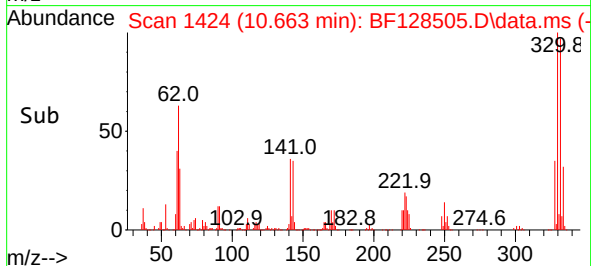
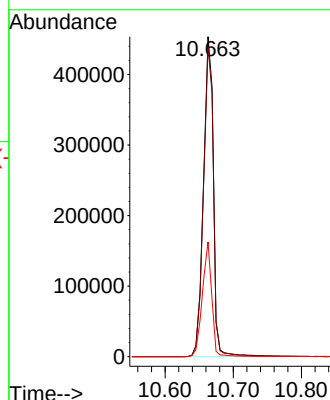
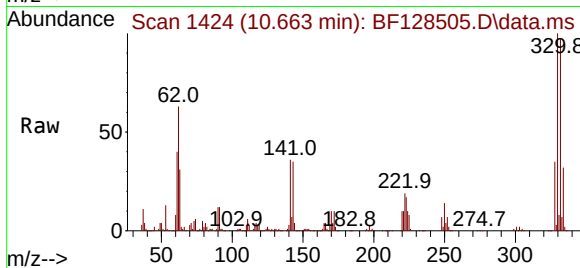
Tgt Ion:330 Resp: 460067

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.618 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128505.D

Acq: 27 May 2022 12:38

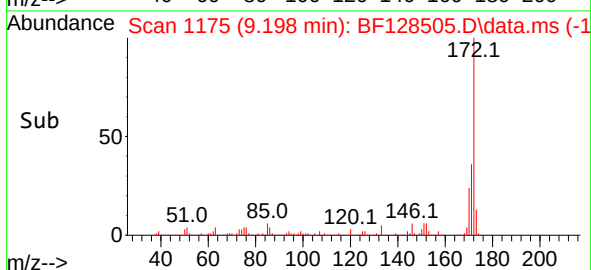
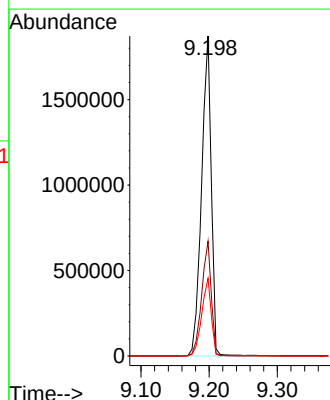
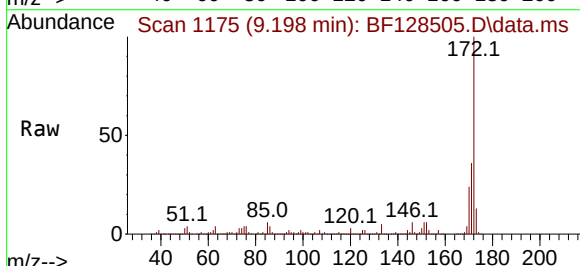
Tgt Ion:172 Resp: 1860053

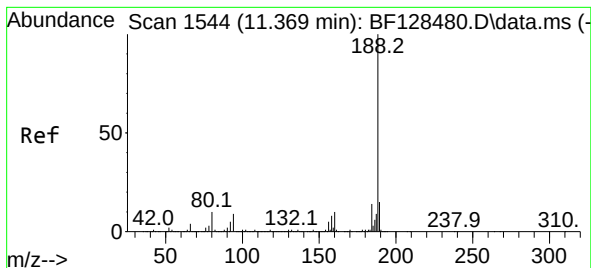
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.2 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128505.D

Acq: 27 May 2022 12:38

Instrument :

BNA_F

ClientSampleId :

P010-SS003-1218-01

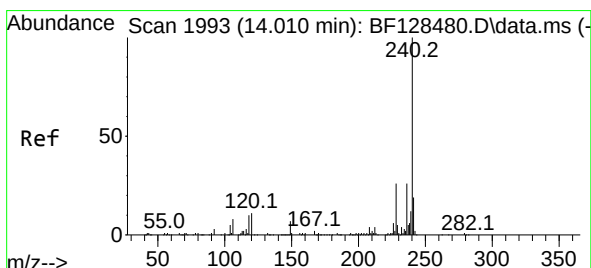
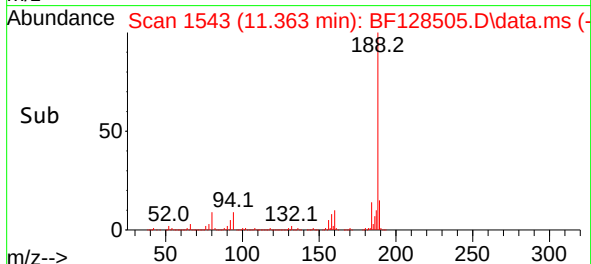
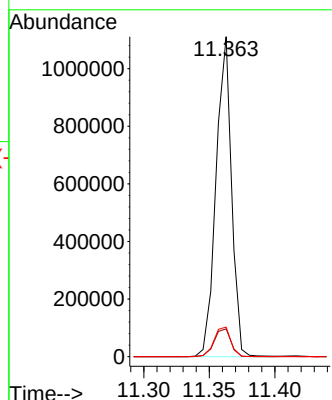
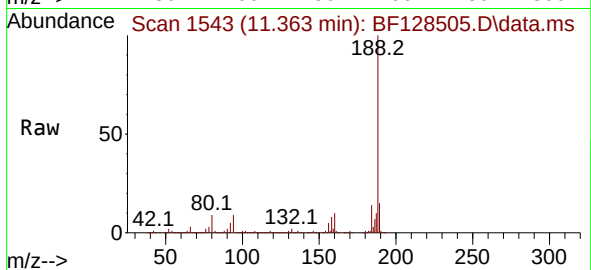
Tgt Ion:188 Resp: 912419

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.2 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: BF128505.D

Acq: 27 May 2022 12:38

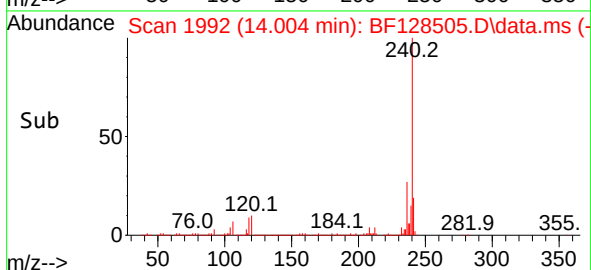
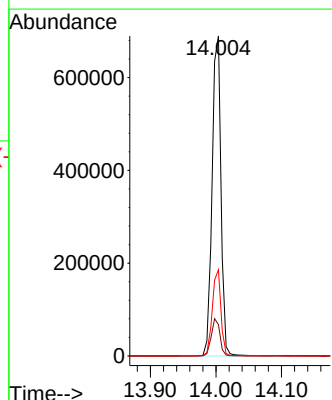
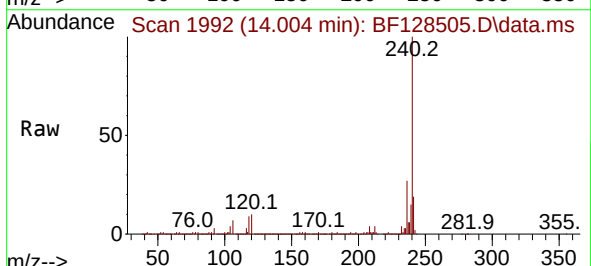
Tgt Ion:240 Resp: 650970

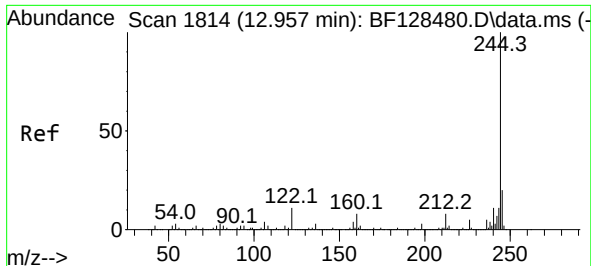
Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

236 27.0 20.8 31.2

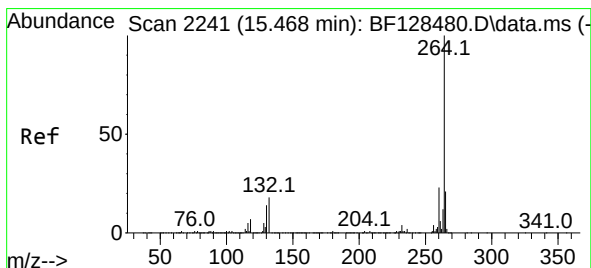
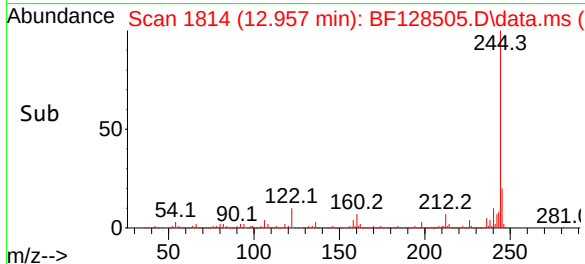
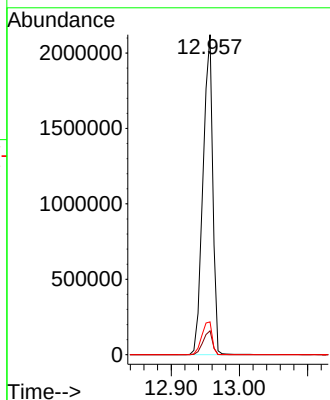
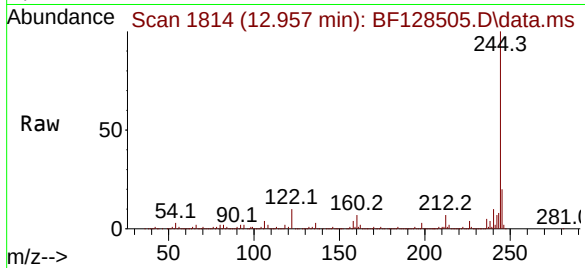




#79
 Terphenyl-d14
 Concen: 62.607 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF128505.D
 Acq: 27 May 2022 12:38

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-1218-01

Tgt Ion:244 Resp: 2109529
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128505.D
 Acq: 27 May 2022 12:38

Tgt Ion:264 Resp: 438547
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 22.1 17.2 25.8

