

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128504.D
 Acq On : 27 May 2022 12:09
 Operator : CG\JU
 Sample : N2922-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-2430-02

Quant Time: May 27 23:17:49 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	203691	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	791526	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	460421	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	894444	20.000	ng	0.00
76) Chrysene-d12	14.004	240	619960	20.000	ng	0.00
86) Perylene-d12	15.468	264	421930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1215702	98.860	ng	0.00
7) Phenol-d6	6.457	99	1554133	99.120	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1017346	74.146	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	469328	107.093	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1910748	67.423	ng	0.00
79) Terphenyl-d14	12.957	244	2288404	71.313	ng	0.00

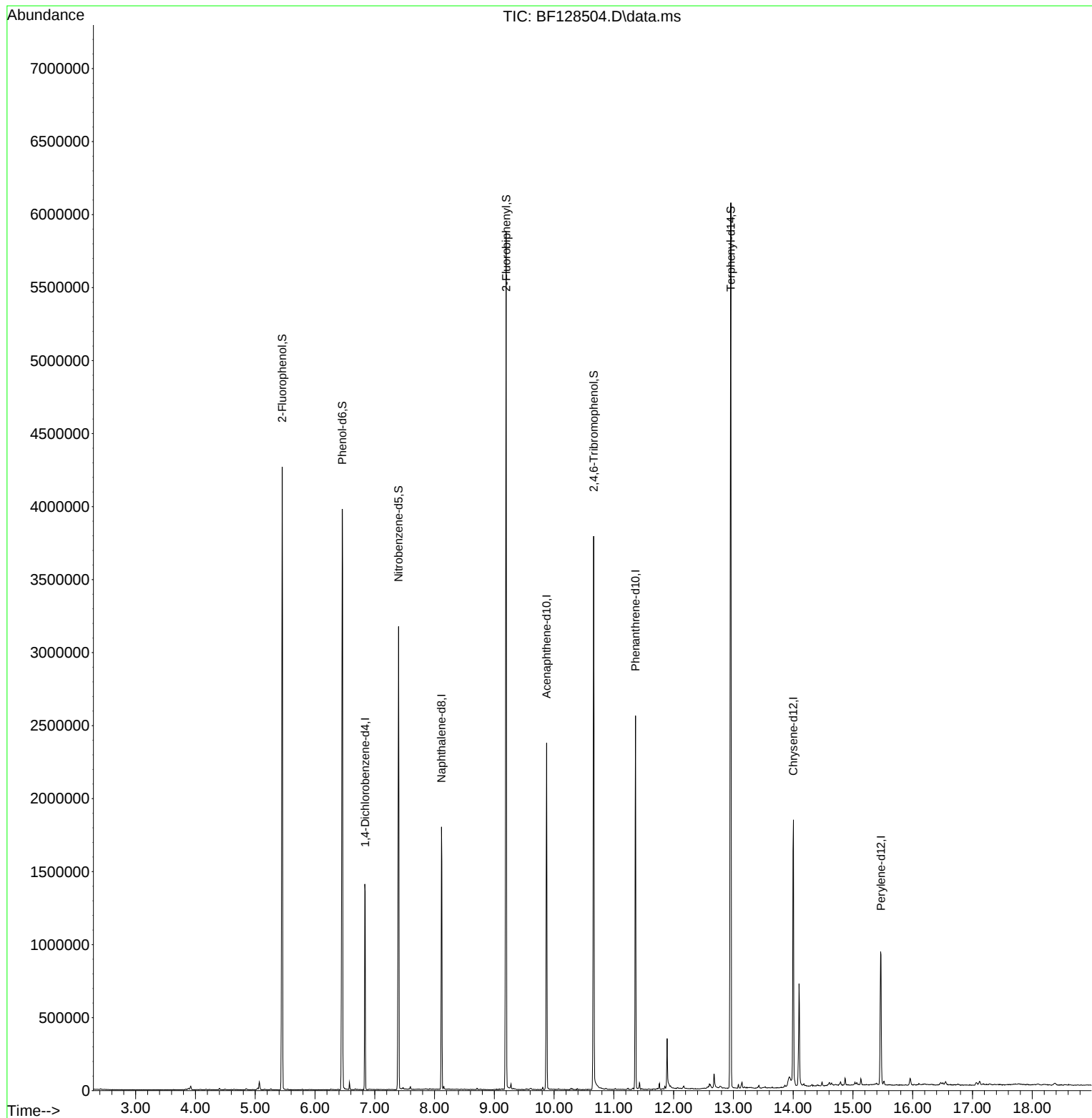
Target Compounds	Qvalue

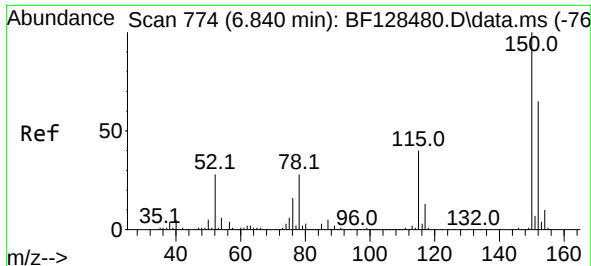
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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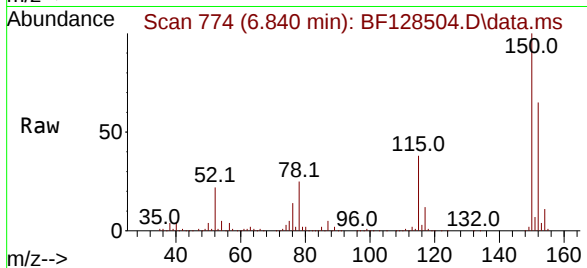
Quant Time: May 27 23:17:49 2022
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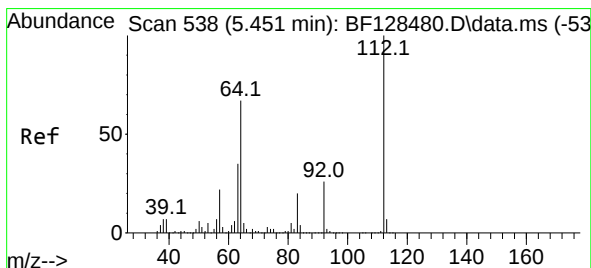
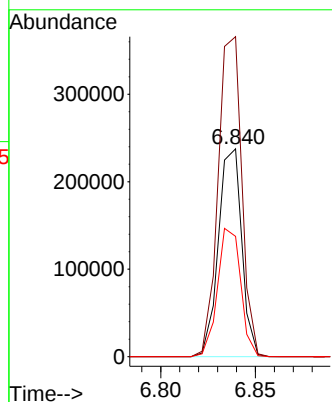
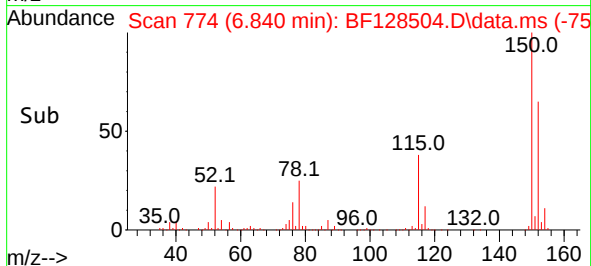


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

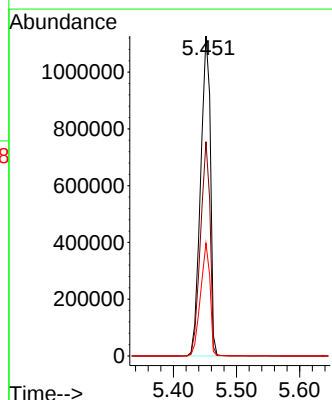
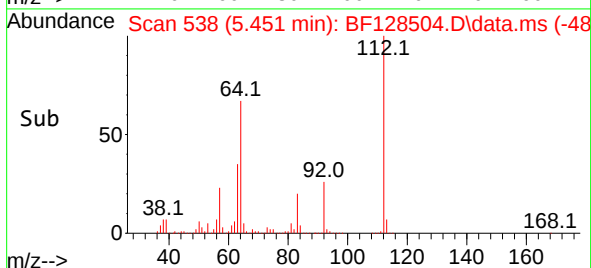
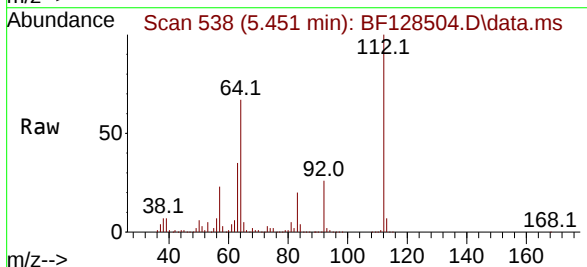


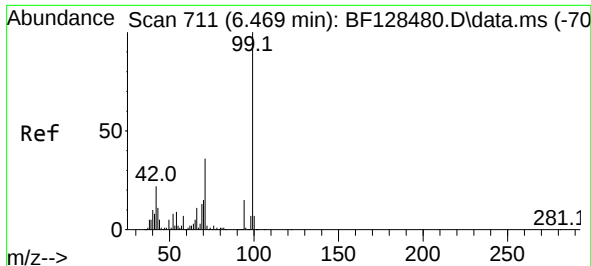
Tgt Ion:152 Resp: 203691
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 57.9 49.9 74.9



#5
2-Fluorophenol
Concen: 98.860 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Tgt Ion:112 Resp: 1215702
Ion Ratio Lower Upper
112 100
64 67.0 53.3 79.9
63 35.2 28.0 42.0

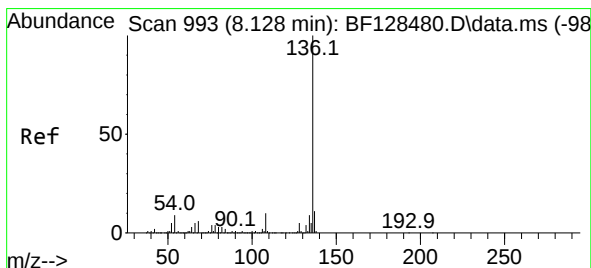
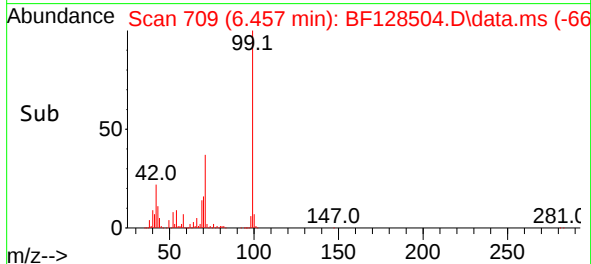
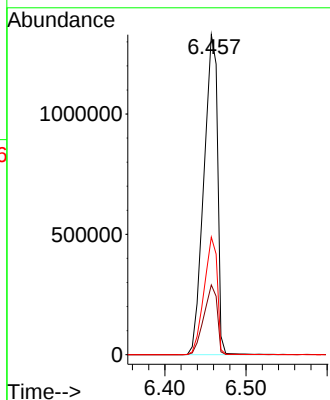
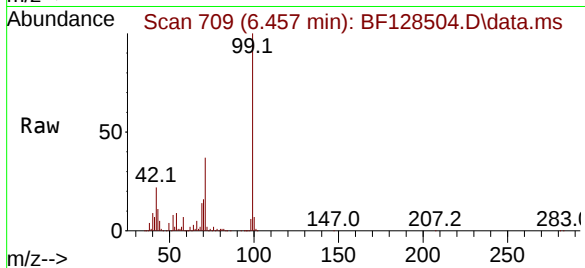




#7
Phenol-d6
Concen: 99.120 ng
RT: 6.457 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

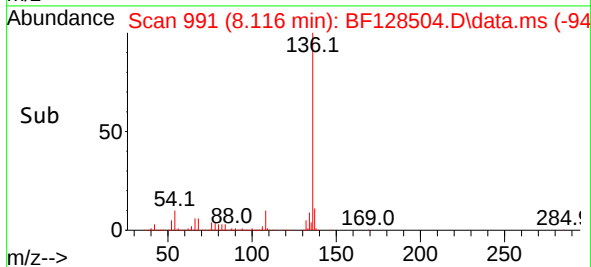
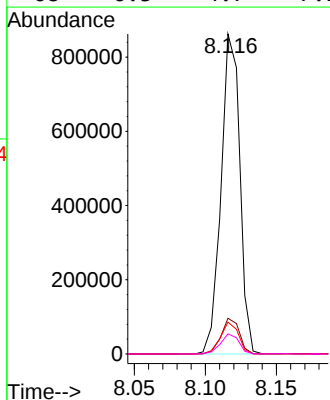
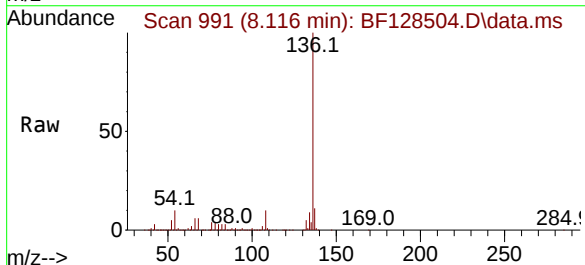
Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

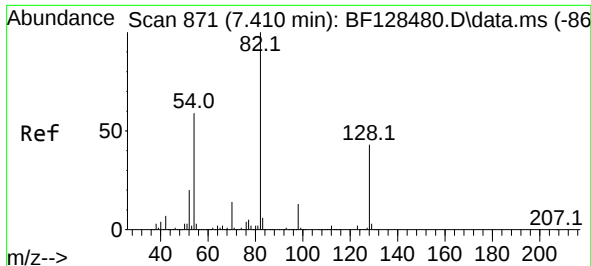
Tgt Ion: 99 Resp: 1554133
Ion Ratio Lower Upper
99 100
42 21.8 17.3 25.9
71 36.7 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Tgt Ion:136 Resp: 791526
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.9 7.5 11.3
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 74.146 ng

RT: 7.398 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128504.D

Acq: 27 May 2022 12:09

Instrument :

BNA_F

ClientSampleId :

P024-SS001-2430-02

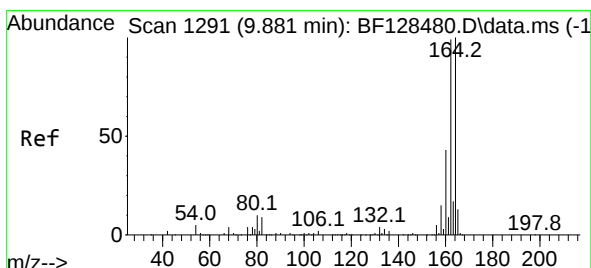
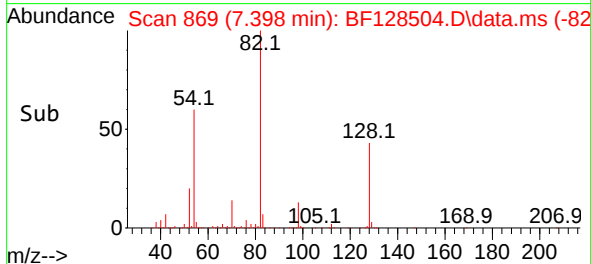
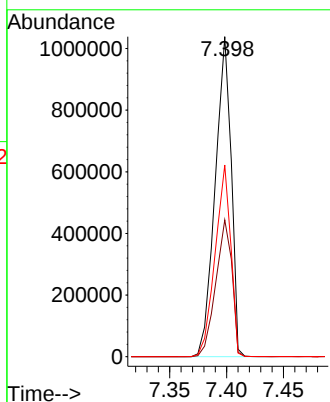
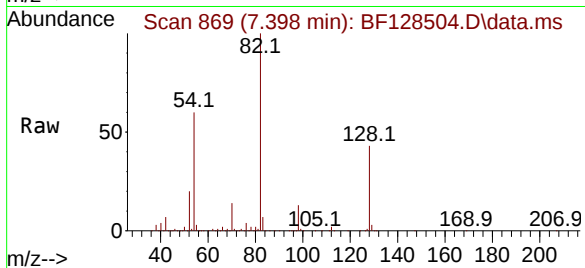
Tgt Ion: 82 Resp: 1017346

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

54 59.9 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: BF128504.D

Acq: 27 May 2022 12:09

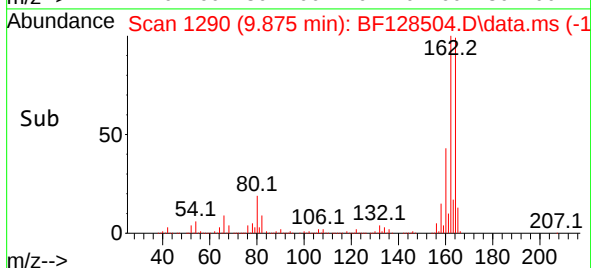
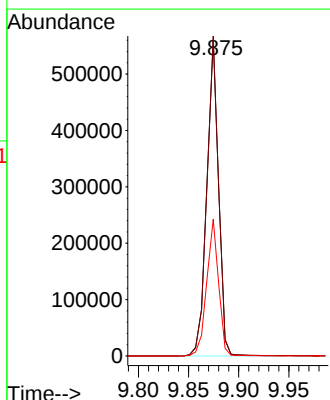
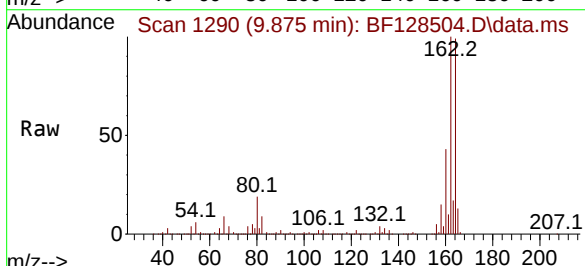
Tgt Ion: 164 Resp: 460421

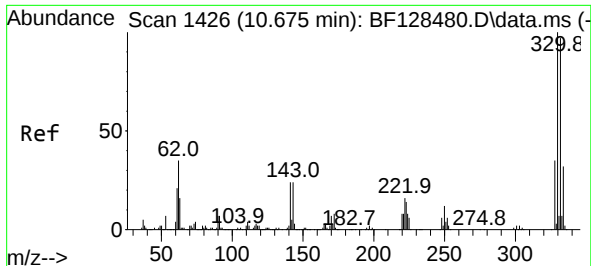
Ion Ratio Lower Upper

164 100

162 101.2 79.5 119.3

160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 107.093 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128504.D

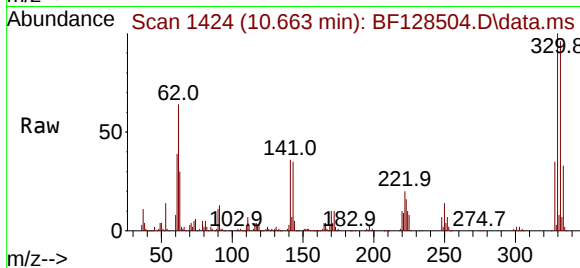
Acq: 27 May 2022 12:09

Instrument :

BNA_F

ClientSampleId :

P024-SS001-2430-02



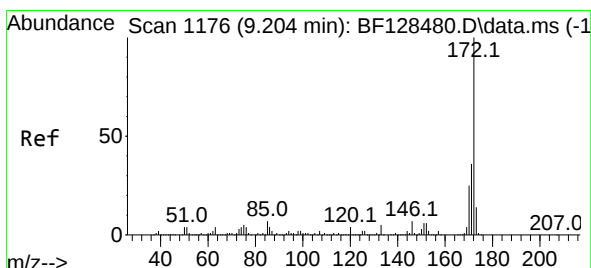
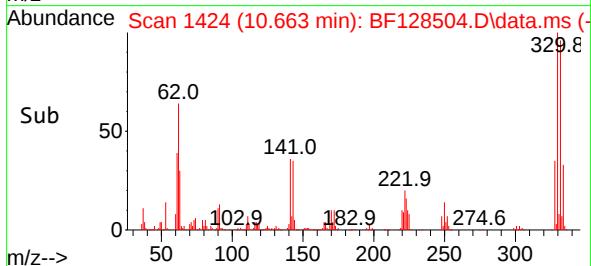
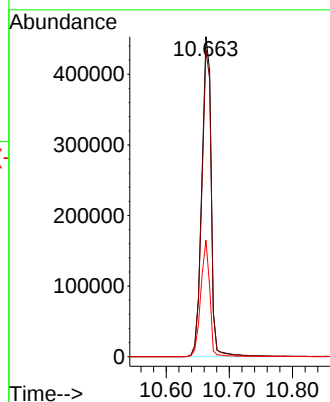
Tgt Ion:330 Resp: 469328

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.423 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128504.D

Acq: 27 May 2022 12:09

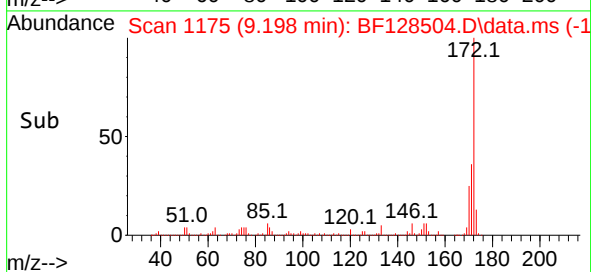
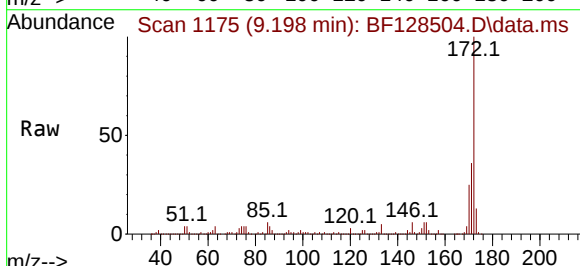
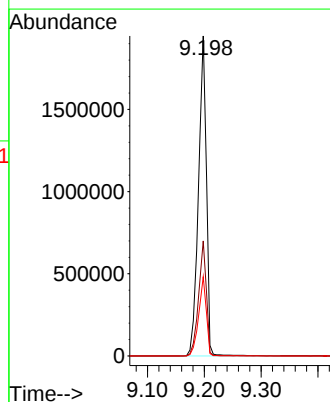
Tgt Ion:172 Resp: 1910748

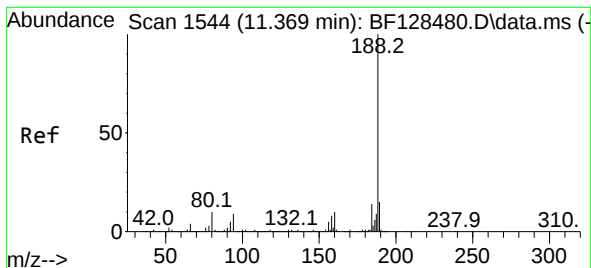
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.8 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: BF128504.D

Acq: 27 May 2022 12:09

Instrument :

BNA_F

ClientSampleId :

P024-SS001-2430-02

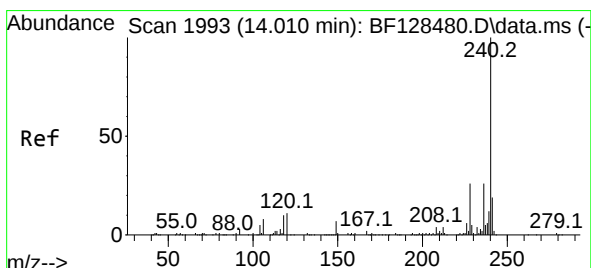
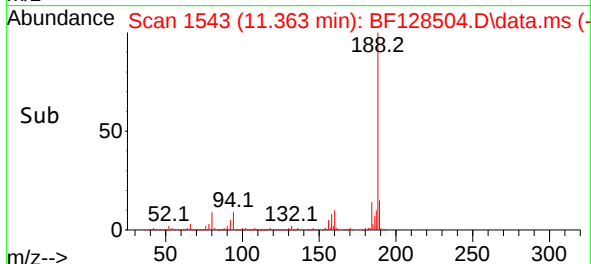
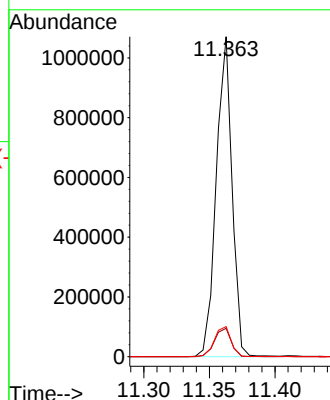
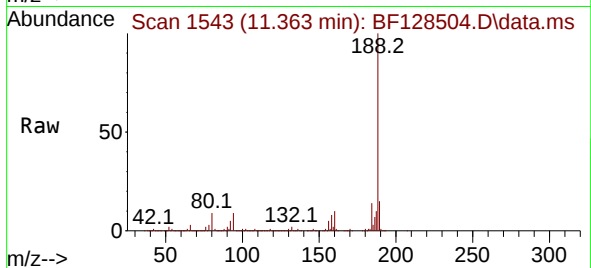
Tgt Ion:188 Resp: 894444

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.4 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: BF128504.D

Acq: 27 May 2022 12:09

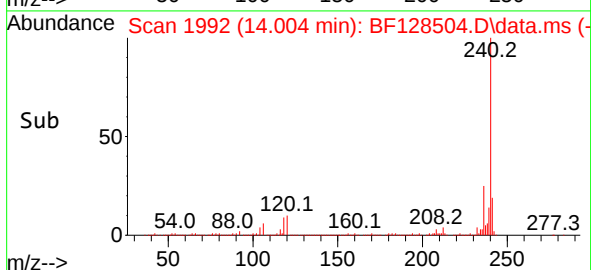
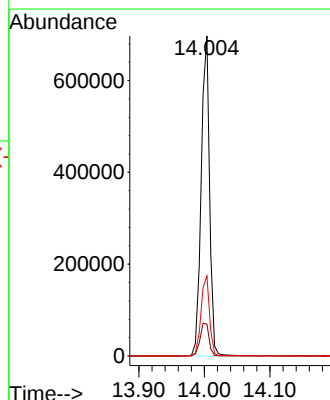
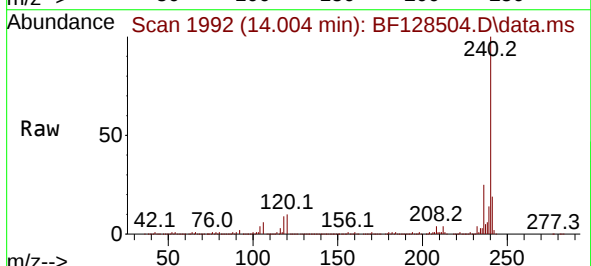
Tgt Ion:240 Resp: 619960

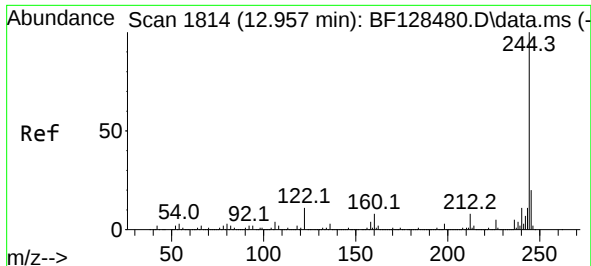
Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

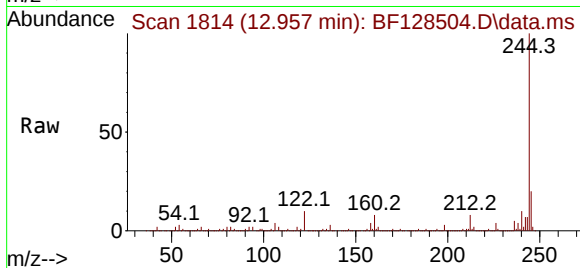
236 25.0 20.8 31.2





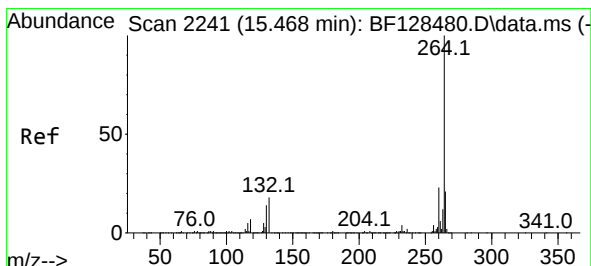
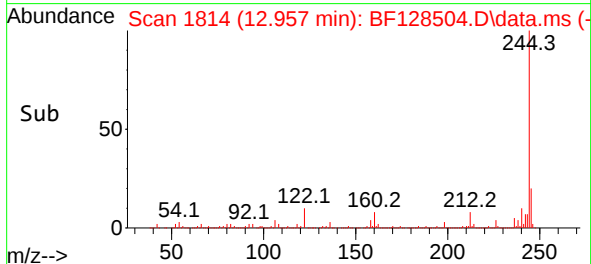
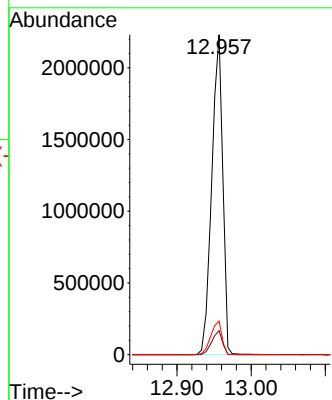
#79
 Terphenyl-d14
 Concen: 71.313 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128504.D
 Acq: 27 May 2022 12:09

Instrument :
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Tgt Ion:244 Resp: 2288404

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	10.5	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: BF128504.D
 Acq: 27 May 2022 12:09

Tgt Ion:264 Resp: 421930

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	20.7	17.2	25.8

