

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136234.D
 Acq On : 27 Nov 2023 21:34
 Operator : CG\JU
 Sample : 05492-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Nov 28 04:12:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	123992	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	534241	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	272493	20.000	ng	-0.01
64) Phenanthrene-d10	11.328	188	491403	20.000	ng	0.00
76) Chrysene-d12	13.980	240	238896	20.000	ng	-0.01
86) Perylene-d12	15.463	264	214569	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1207018	135.492	ng	0.02
7) Phenol-d6	6.440	99	1358540	121.965	ng	0.00
23) Nitrobenzene-d5	7.363	82	1016698	100.564	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	488886	146.749	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2098209	98.353	ng	0.00
79) Terphenyl-d14	12.933	244	2185425	105.521	ng	0.00

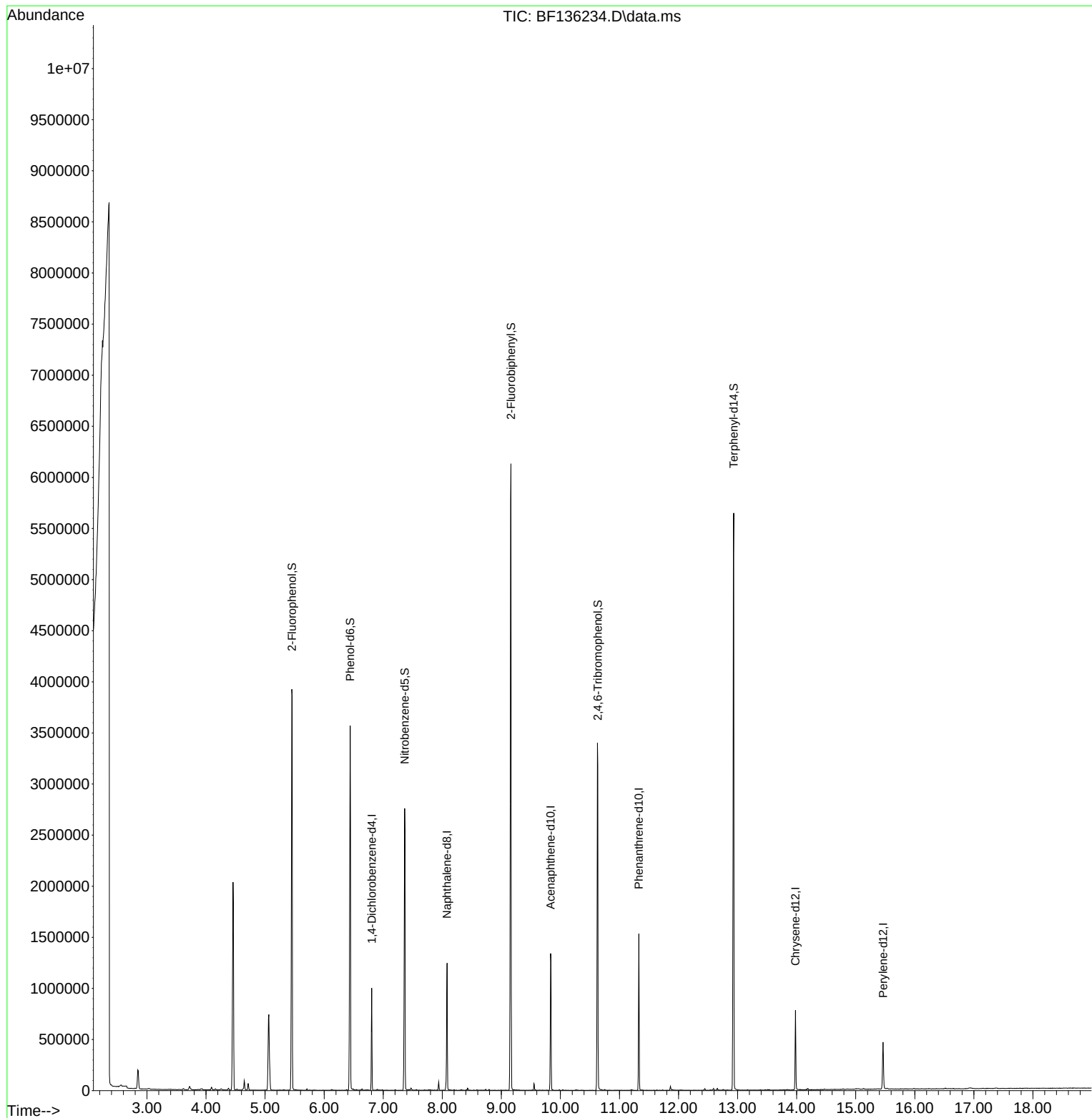
Target Compounds	Qvalue

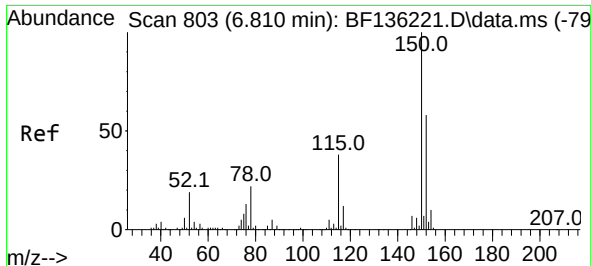
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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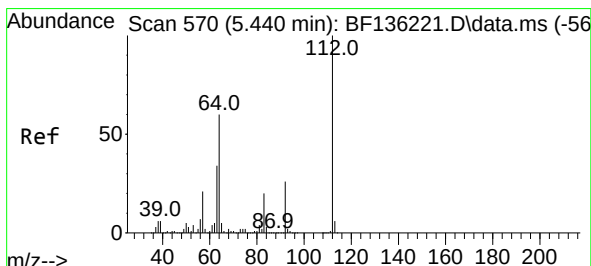
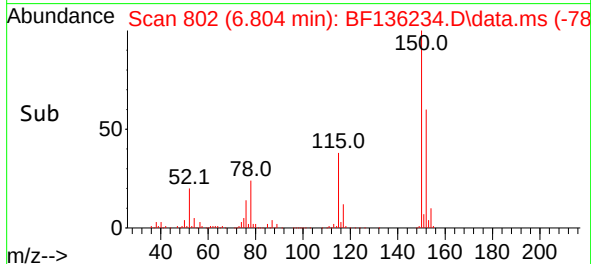
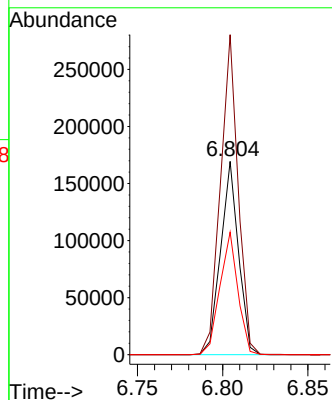
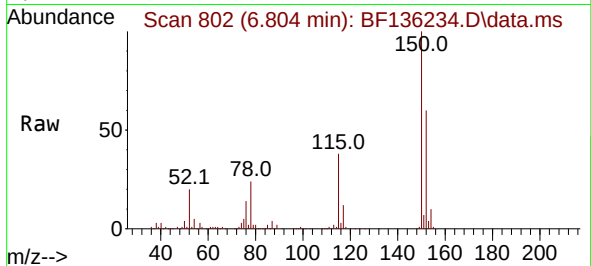




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136234.D
Acq: 27 Nov 2023 21:34

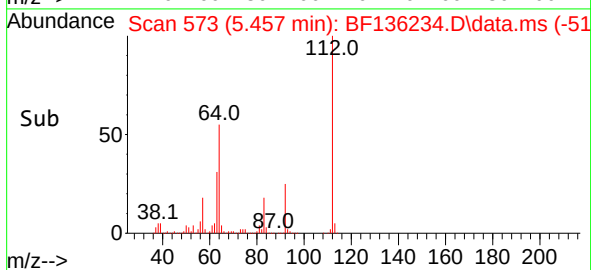
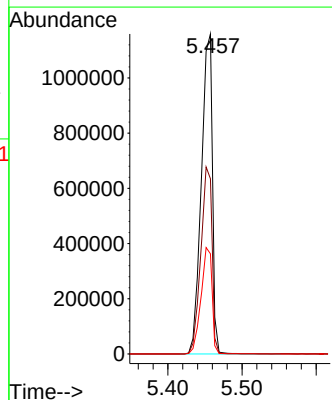
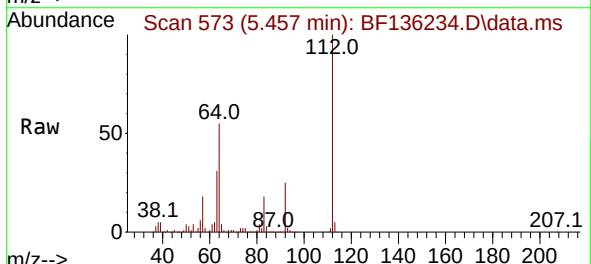
Instrument :
BNA_F
ClientSampleId :
TP-13

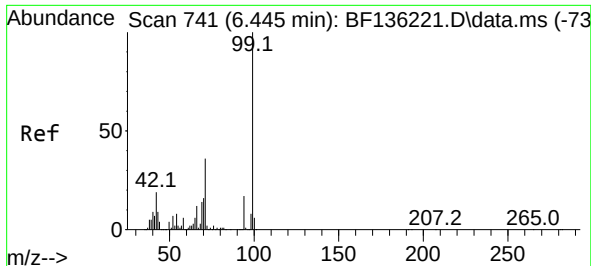
Tgt Ion:152 Resp: 123992
Ion Ratio Lower Upper
152 100
150 165.5 137.8 206.8
115 63.4 52.7 79.1



#5
2-Fluorophenol
Concen: 135.492 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.018 min
Lab File: BF136234.D
Acq: 27 Nov 2023 21:34

Tgt Ion:112 Resp: 1207018
Ion Ratio Lower Upper
112 100
64 54.7 48.2 72.4
63 31.3 27.0 40.6

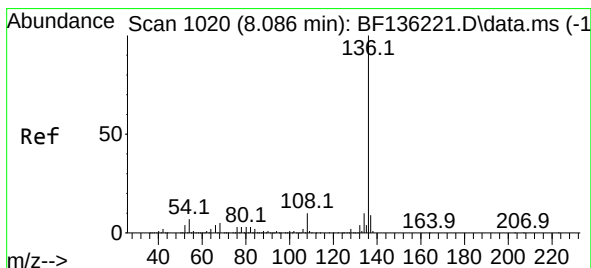
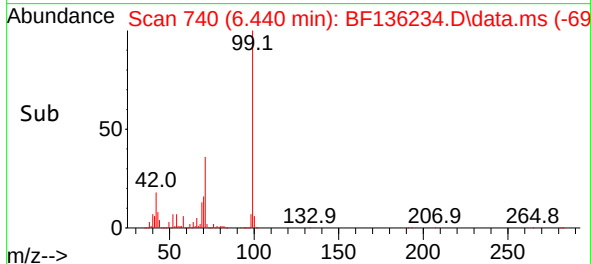
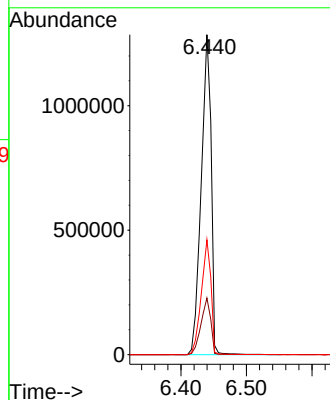
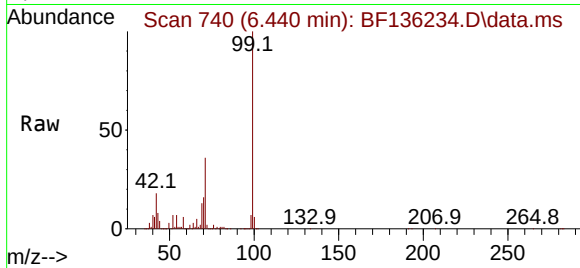




#7
Phenol-d6
Concen: 121.965 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136234.D
Acq: 27 Nov 2023 21:34

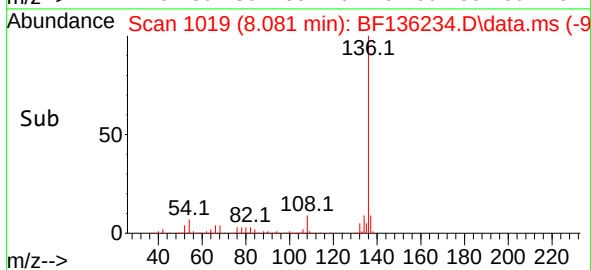
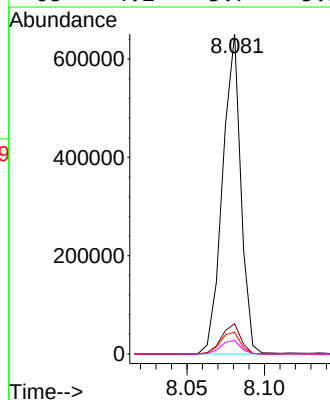
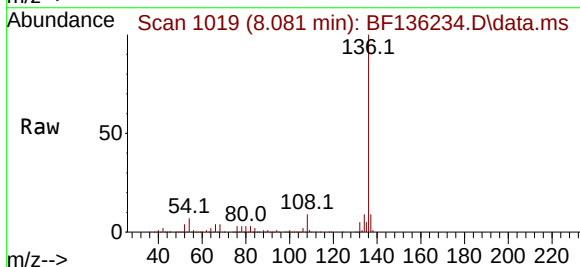
Instrument :
BNA_F
ClientSampleId :
TP-13

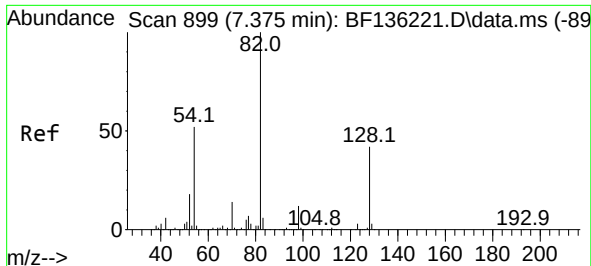
Tgt Ion: 99 Resp: 1358540
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.6
71 35.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136234.D
Acq: 27 Nov 2023 21:34

Tgt Ion: 136 Resp: 534241
Ion Ratio Lower Upper
136 100
137 9.4 7.4 11.2
54 6.8 5.5 8.3
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 100.564 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136234.D

Acq: 27 Nov 2023 21:34

Instrument :

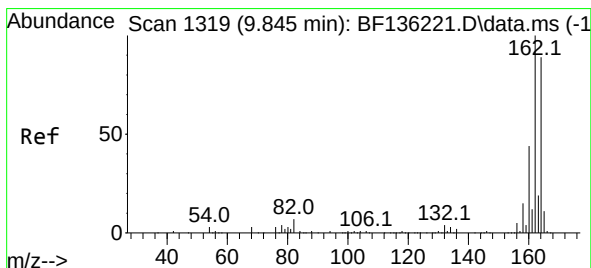
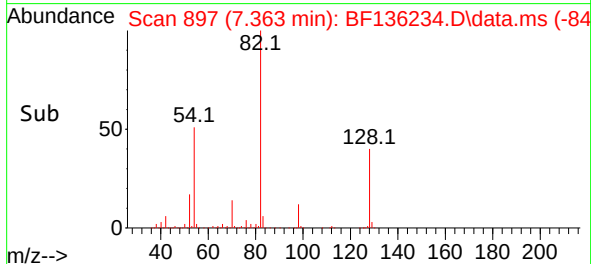
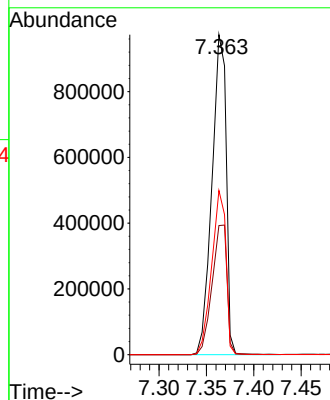
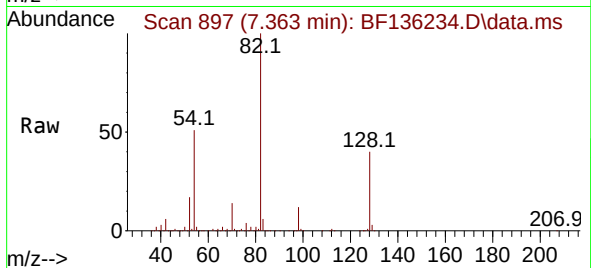
BNA_F

ClientSampleId :

TP-13

Tgt Ion: 82 Resp: 1016698

Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.4	50.2
54	51.3	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

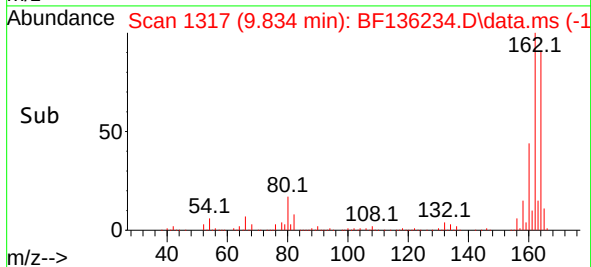
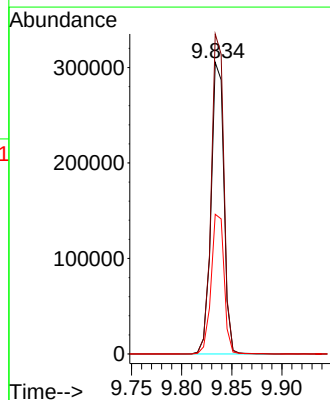
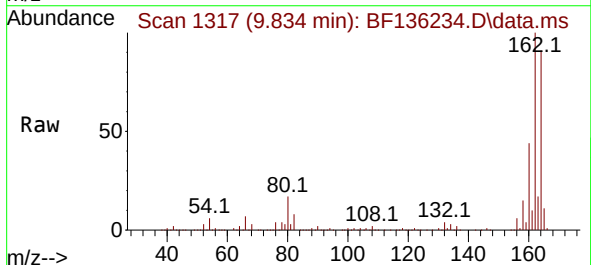
Delta R.T. -0.011 min

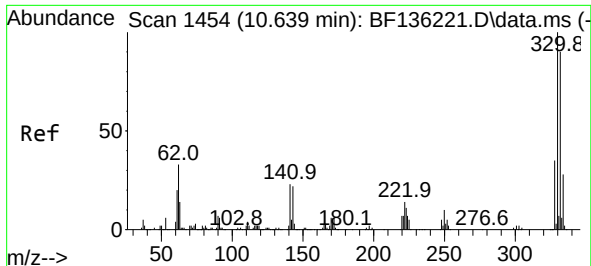
Lab File: BF136234.D

Acq: 27 Nov 2023 21:34

Tgt Ion:164 Resp: 272493

Ion	Ratio	Lower	Upper
164	100		
162	109.8	89.5	134.3
160	47.9	39.6	59.4





#42

2,4,6-Tribromophenol

Concen: 146.749 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136234.D

Acq: 27 Nov 2023 21:34

Instrument :

BNA_F

ClientSampleId :

TP-13

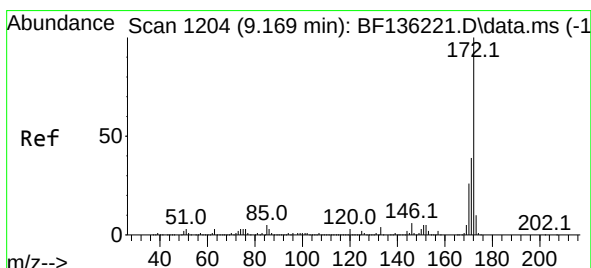
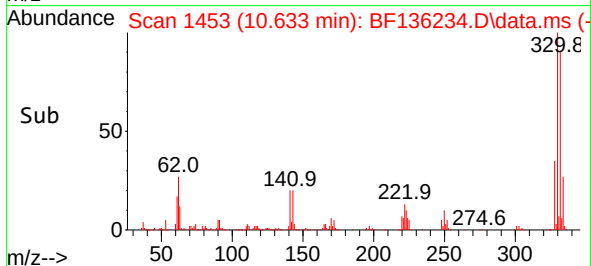
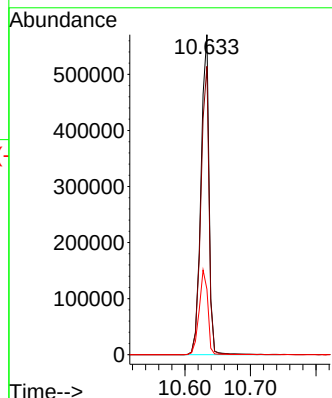
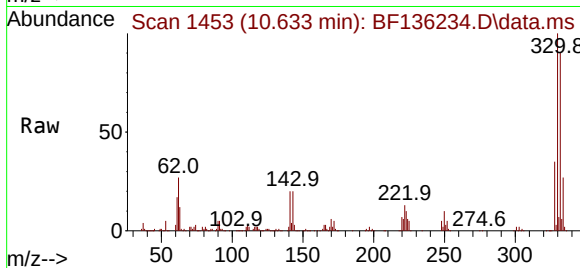
Tgt Ion:330 Resp: 488886

Ion Ratio Lower Upper

330 100

332 91.3 73.0 109.6

141 28.3 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 98.353 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136234.D

Acq: 27 Nov 2023 21:34

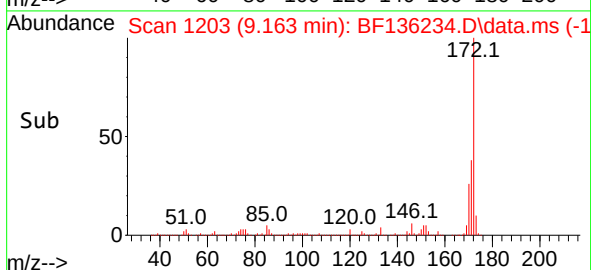
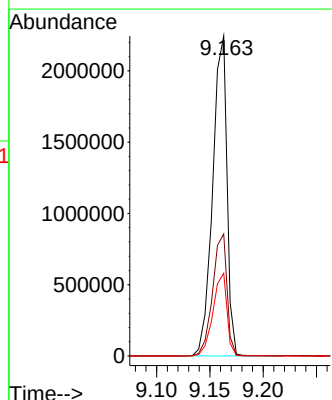
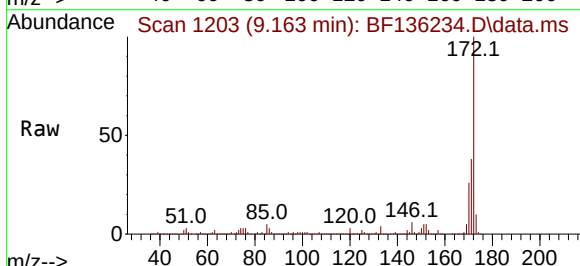
Tgt Ion:172 Resp: 2098209

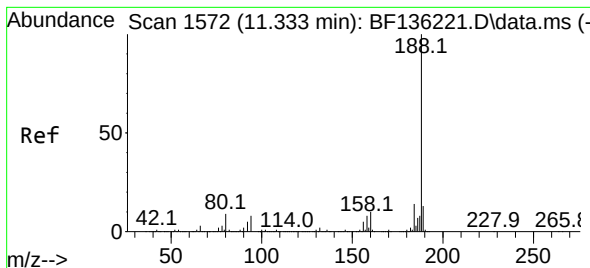
Ion Ratio Lower Upper

172 100

171 38.2 31.5 47.3

170 25.9 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF136234.D

Acq: 27 Nov 2023 21:34

Instrument :

BNA_F

ClientSampleId :

TP-13

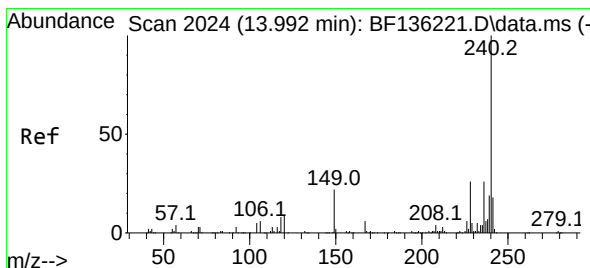
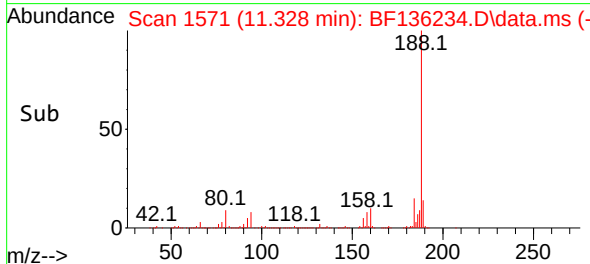
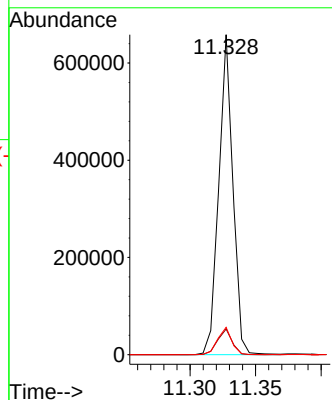
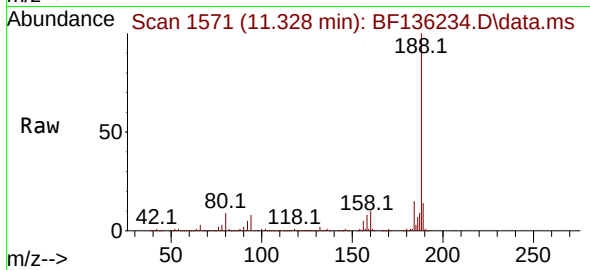
Tgt Ion:188 Resp: 491403

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 8.5 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136234.D

Acq: 27 Nov 2023 21:34

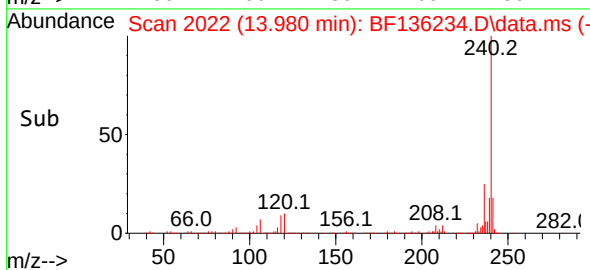
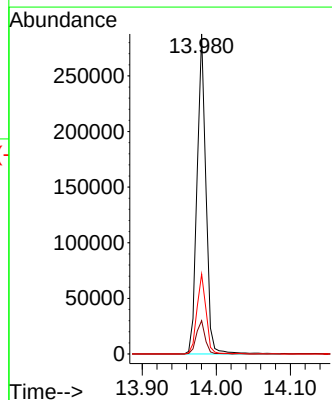
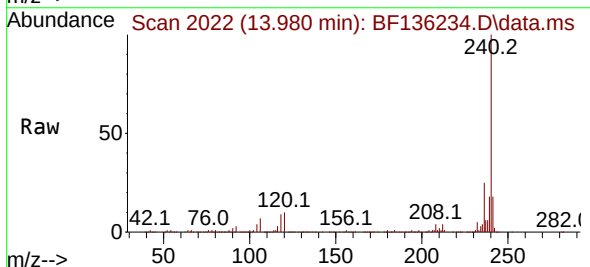
Tgt Ion:240 Resp: 238896

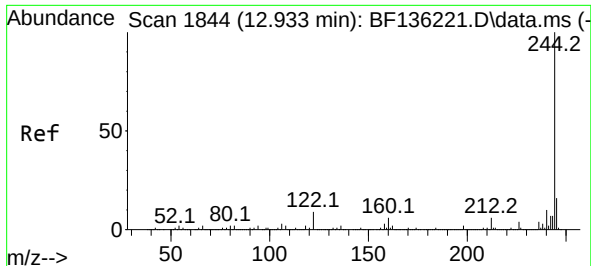
Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.2

236 25.0 21.1 31.7

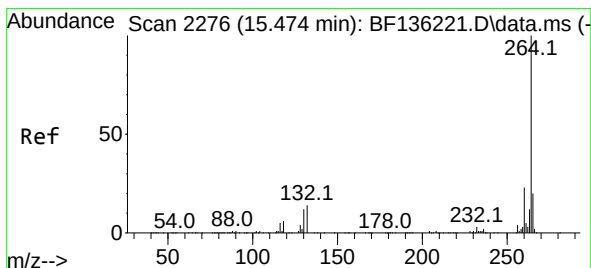
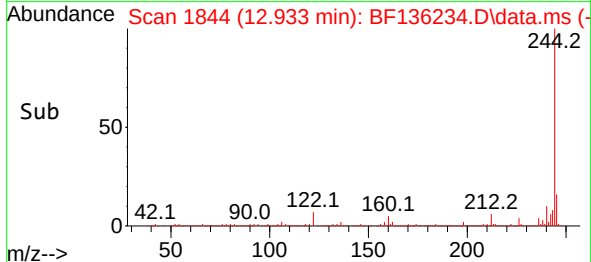
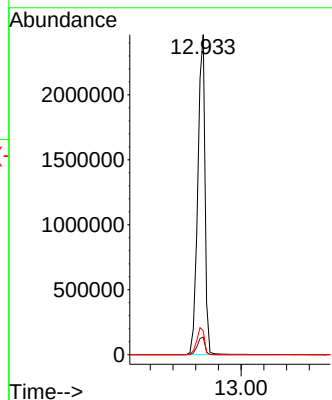
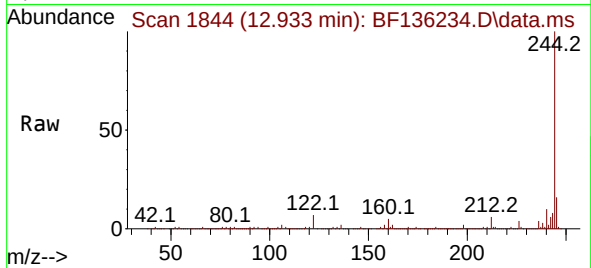




#79
 Terphenyl-d14
 Concen: 105.521 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136234.D
 Acq: 27 Nov 2023 21:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Tgt Ion:244 Resp: 2185425
 Ion Ratio Lower Upper
 244 100
 212 5.5 4.6 7.0
 122 7.5 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.011 min
 Lab File: BF136234.D
 Acq: 27 Nov 2023 21:34

Tgt Ion:264 Resp: 214569
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.0 15.7 23.5

