

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136188.D
 Acq On : 24 Nov 2023 19:45
 Operator : CG\JU
 Sample : 05468-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Nov 24 23:09:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	125524	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	536593	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	277226	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	518277	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	263784	20.000	ng	0.00
86) Perylene-d12	15.463	264	261812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1530029	194.080	ng	0.02
7) Phenol-d6	6.446	99	1946101	200.612	ng	0.00
23) Nitrobenzene-d5	7.369	82	1204897	125.304	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	635319	218.811	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2666023	142.155	ng	0.00
79) Terphenyl-d14	12.933	244	2900644	156.090	ng	0.00

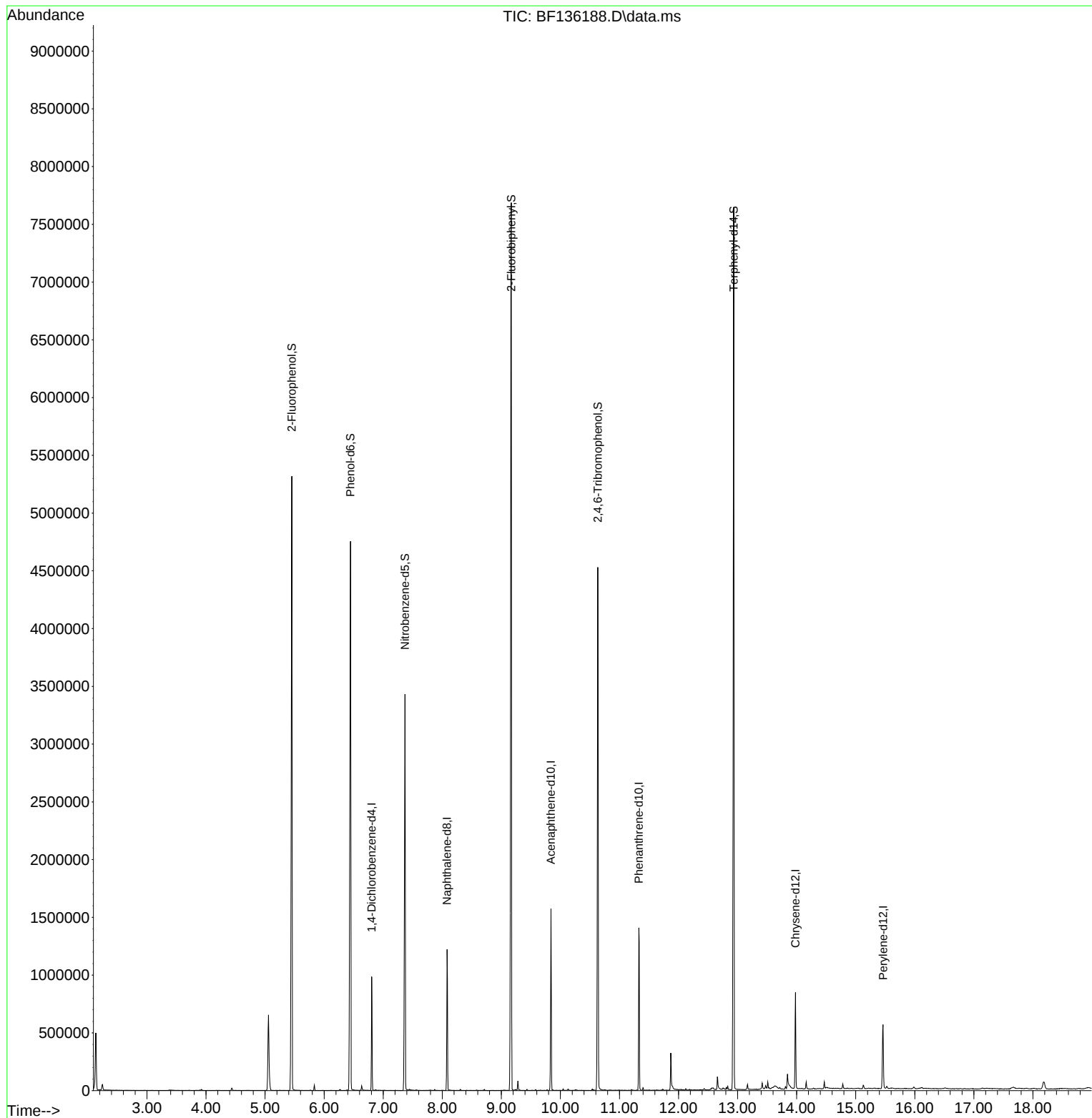
Target Compounds	Qvalue

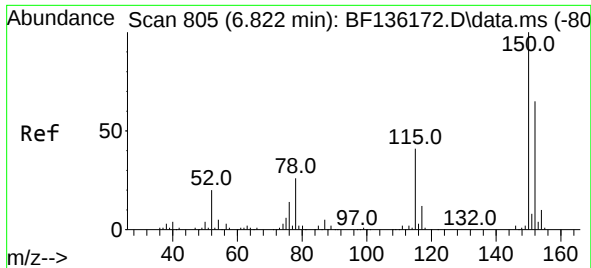
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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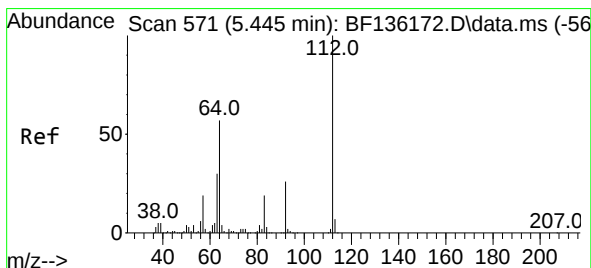
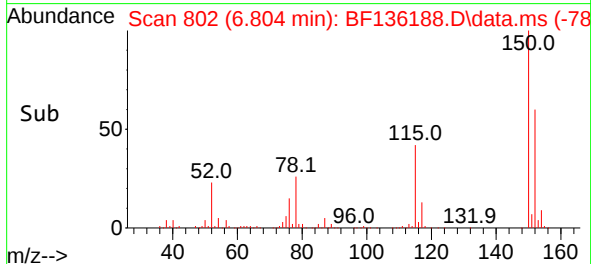
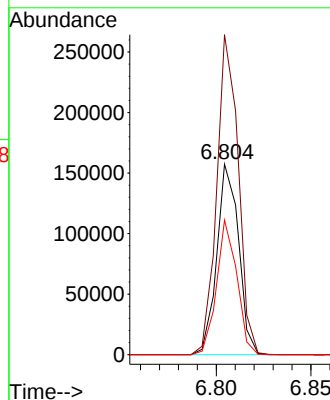
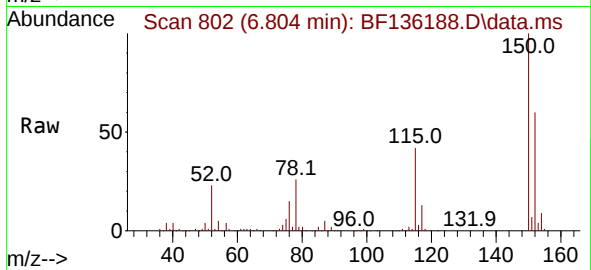




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136188.D
Acq: 24 Nov 2023 19:45

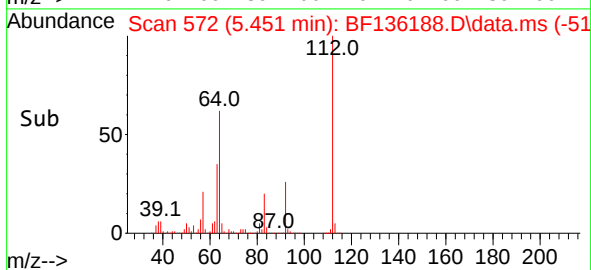
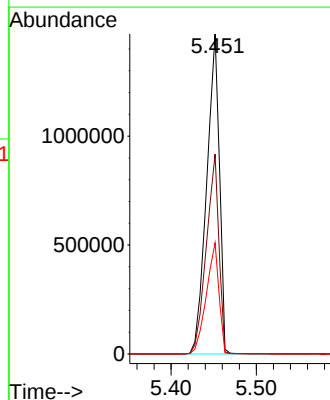
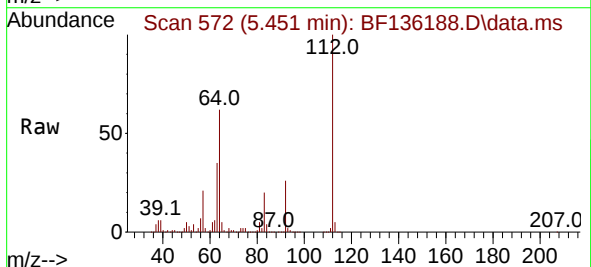
Instrument :
BNA_F
ClientSampleId :
TP-9

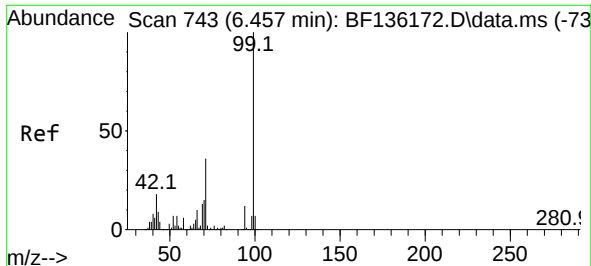
Tgt Ion:152 Resp: 125524
Ion Ratio Lower Upper
152 100
150 168.0 123.1 184.7
115 70.6 50.5 75.7



#5
2-Fluorophenol
Concen: 194.080 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136188.D
Acq: 24 Nov 2023 19:45

Tgt Ion:112 Resp: 1530029
Ion Ratio Lower Upper
112 100
64 62.5 45.4 68.0
63 34.7 24.4 36.6

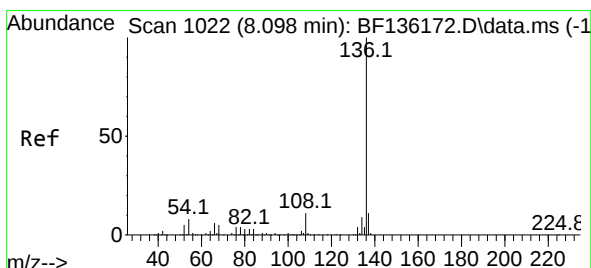
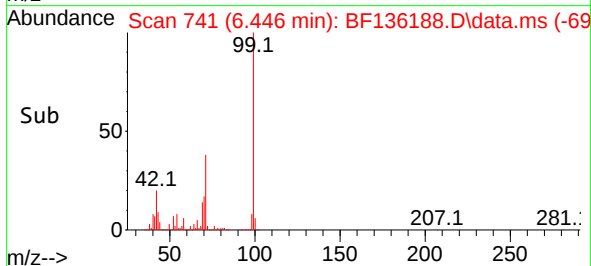
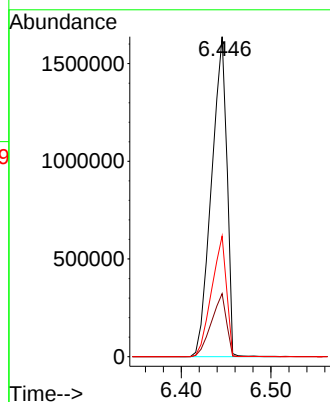
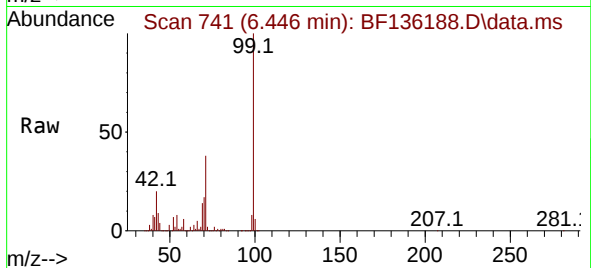




#7
Phenol-d6
Concen: 200.612 ng
RT: 6.446 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136188.D
Acq: 24 Nov 2023 19:45

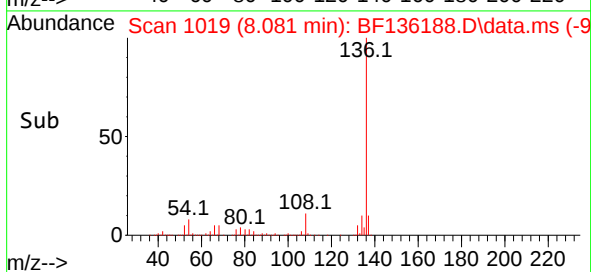
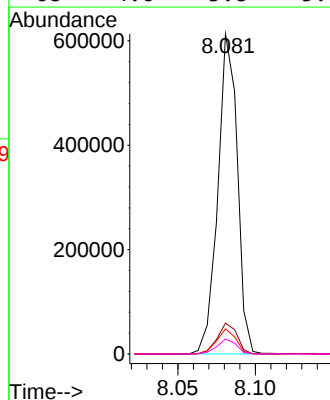
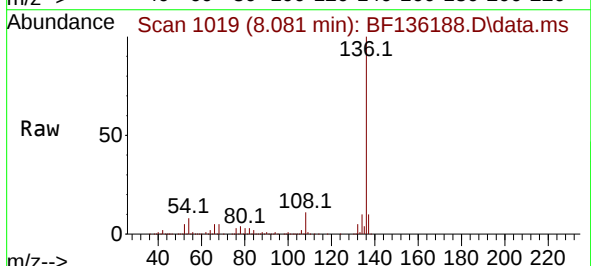
Instrument :
BNA_F
ClientSampleId :
TP-9

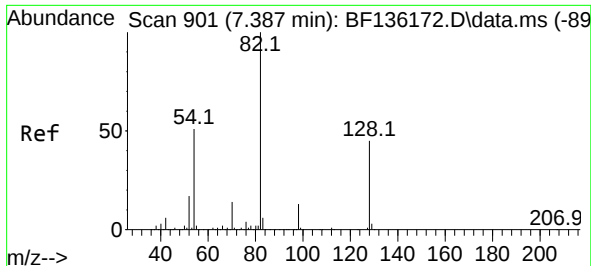
Tgt Ion: 99 Resp: 1946101
Ion Ratio Lower Upper
99 100
42 19.7 14.1 21.1
71 37.7 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136188.D
Acq: 24 Nov 2023 19:45

Tgt Ion: 136 Resp: 536593
Ion Ratio Lower Upper
136 100
137 9.6 8.6 13.0
54 7.8 6.3 9.5
68 4.6 3.8 5.8





#23

Nitrobenzene-d5

Concen: 125.304 ng

RT: 7.369 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136188.D

Acq: 24 Nov 2023 19:45

Instrument :

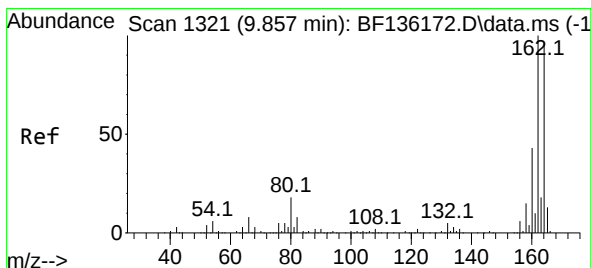
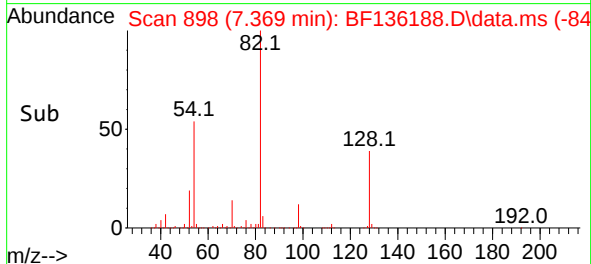
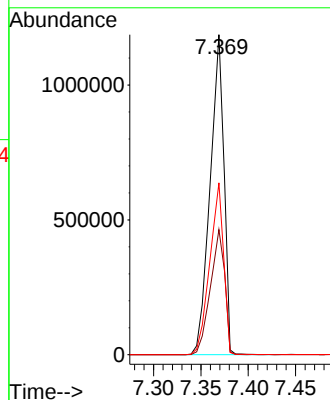
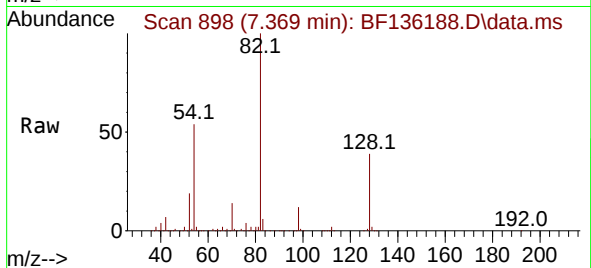
BNA_F

ClientSampleId :

TP-9

Tgt Ion: 82 Resp: 1204897

Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.8	53.6
54	53.7	40.6	60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

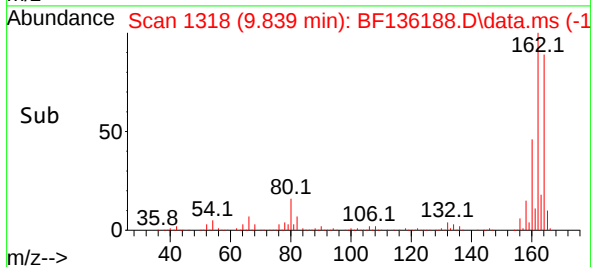
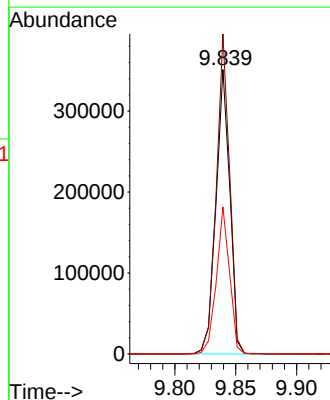
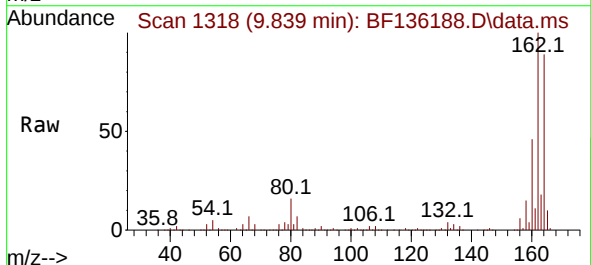
Delta R.T. -0.006 min

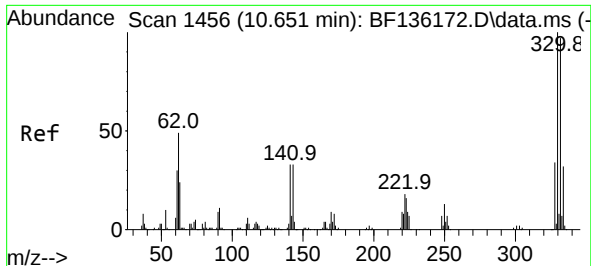
Lab File: BF136188.D

Acq: 24 Nov 2023 19:45

Tgt Ion: 164 Resp: 277226

Ion	Ratio	Lower	Upper
164	100		
162	112.5	83.2	124.8
160	51.7	35.8	53.8

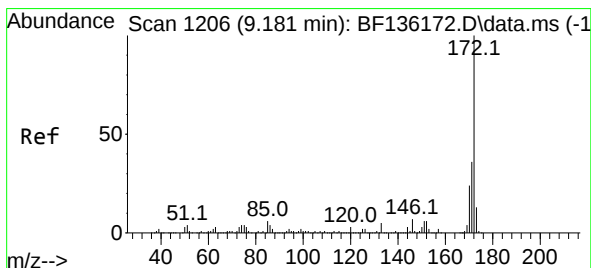
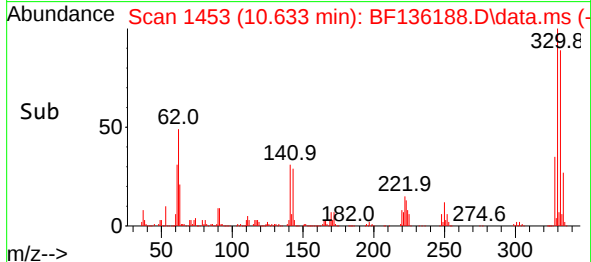
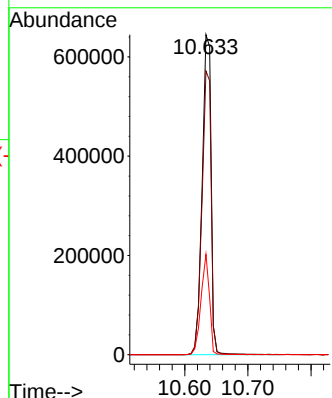
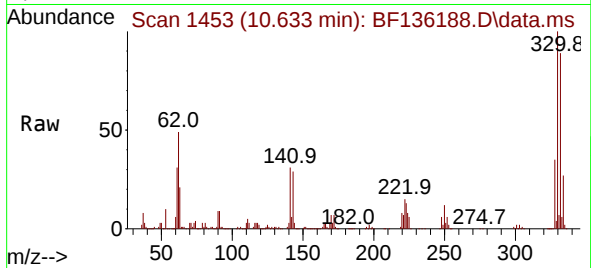




#42
2,4,6-Tribromophenol
Concen: 218.811 ng
RT: 10.633 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136188.D
Acq: 24 Nov 2023 19:45

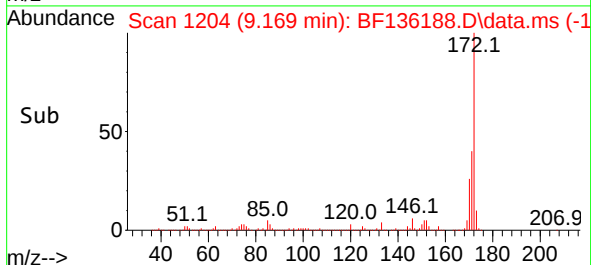
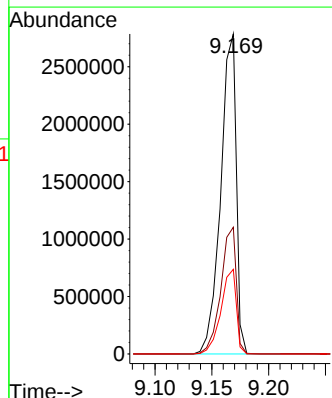
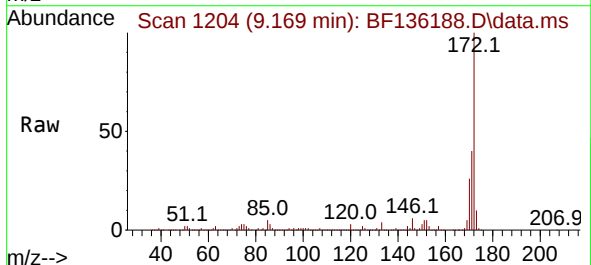
Instrument :
BNA_F
ClientSampleId :
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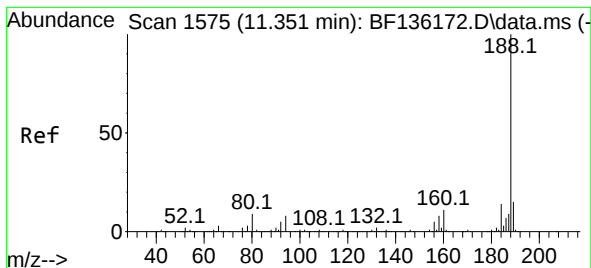
Tgt Ion:330 Resp: 635319
Ion Ratio Lower Upper
330 100
332 90.4 77.6 116.4
141 29.6 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 142.155 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF136188.D
Acq: 24 Nov 2023 19:45

Tgt Ion:172 Resp: 2666023
Ion Ratio Lower Upper
172 100
171 39.6 28.9 43.3
170 26.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136188.D

Acq: 24 Nov 2023 19:45

Instrument :

BNA_F

ClientSampleId :

TP-9

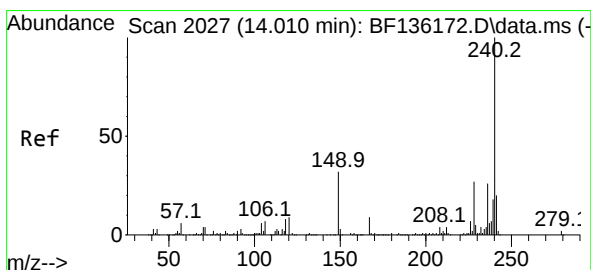
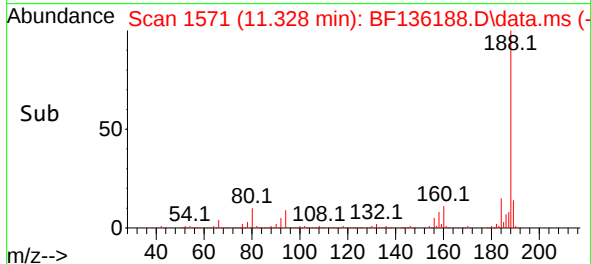
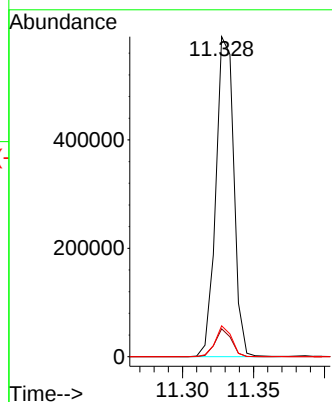
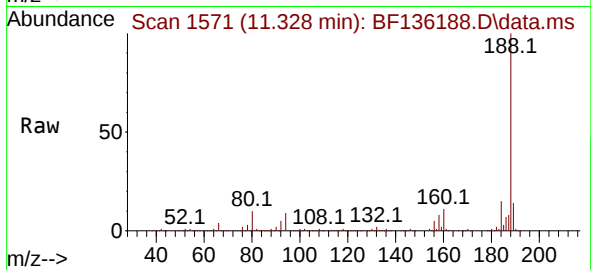
Tgt Ion:188 Resp: 518277

Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

80 9.7 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136188.D

Acq: 24 Nov 2023 19:45

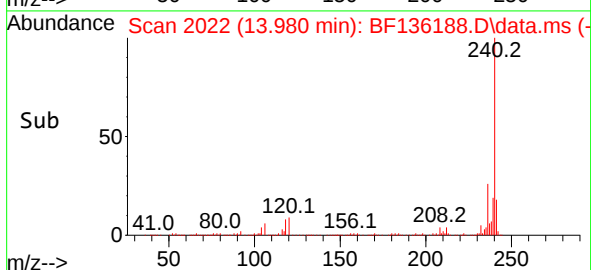
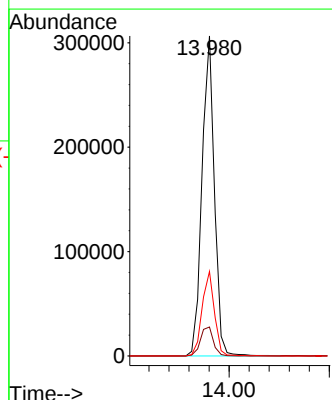
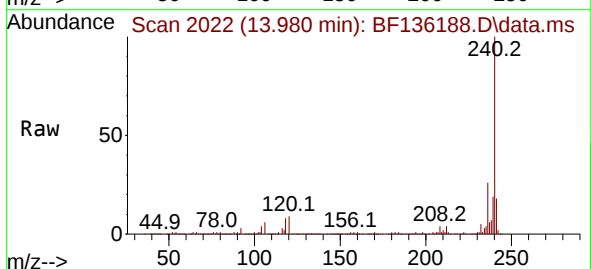
Tgt Ion:240 Resp: 263784

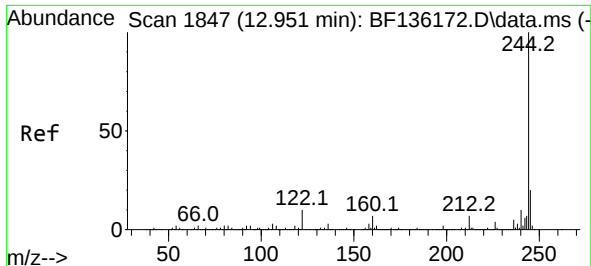
Ion Ratio Lower Upper

240 100

120 9.1 7.1 10.7

236 26.4 20.9 31.3

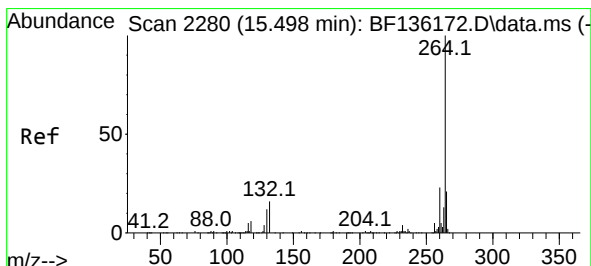
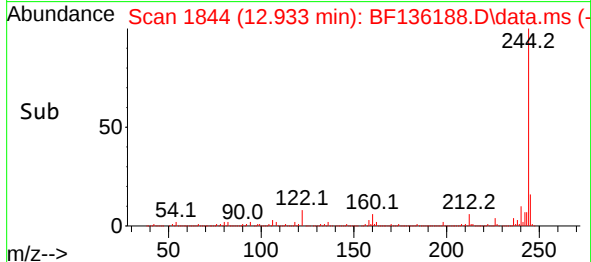
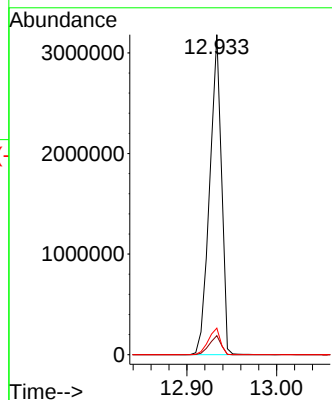
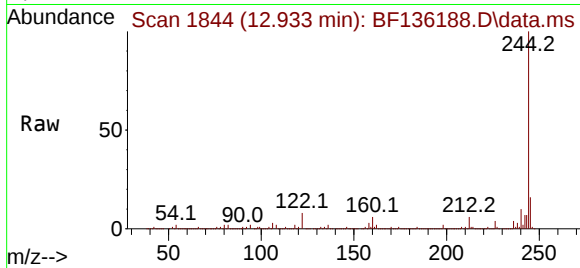




#79
 Terphenyl-d14
 Concen: 156.090 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136188.D
 Acq: 24 Nov 2023 19:45

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2900644
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 8.3 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136188.D
 Acq: 24 Nov 2023 19:45

Tgt Ion:264 Resp: 261812
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 19.6 16.9 25.3

