

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136195.D
 Acq On : 25 Nov 2023 00:06
 Operator : CG\JU
 Sample : PB157124TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157124TB

Quant Time: Nov 25 03:58:18 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 23:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	170520	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	792424	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	406451	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	794839	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	412518	20.000	ng	0.00
86) Perylene-d12	15.463	264	398301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1676718	156.564	ng	0.02
7) Phenol-d6	6.445	99	2041748	154.933	ng	0.00
23) Nitrobenzene-d5	7.369	82	1263874	89.003	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	641833	150.774	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2648110	96.307	ng	0.00
79) Terphenyl-d14	12.933	244	2985678	102.737	ng	0.00

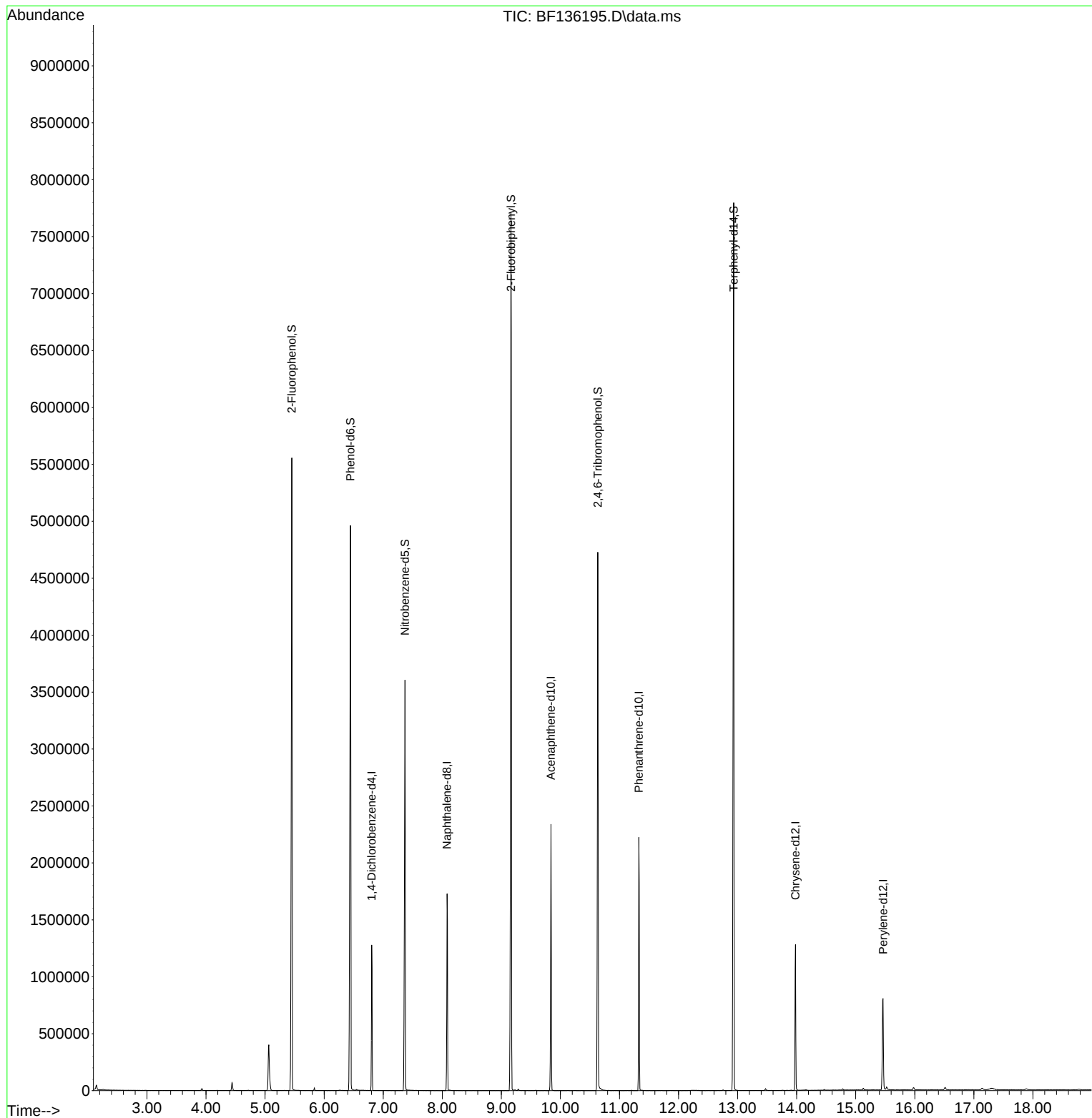
Target Compounds	Qvalue

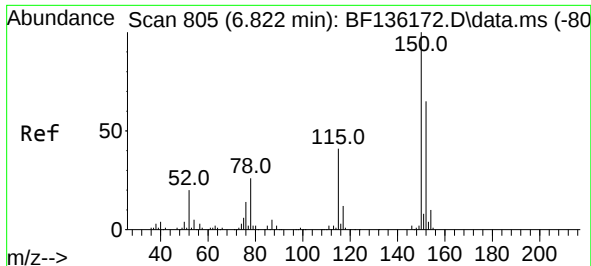
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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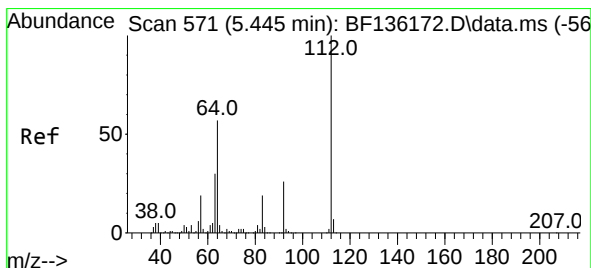
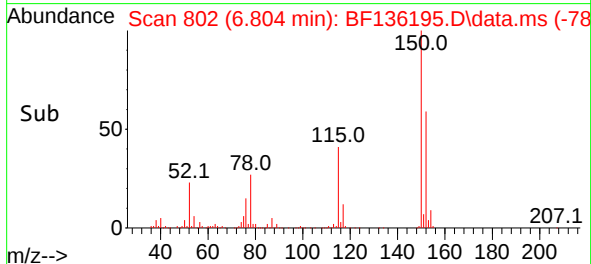
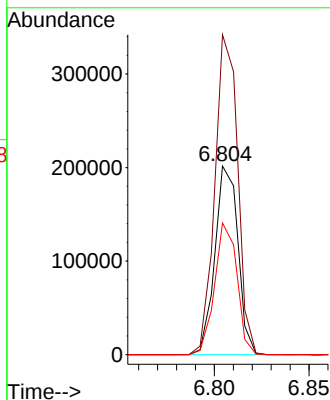
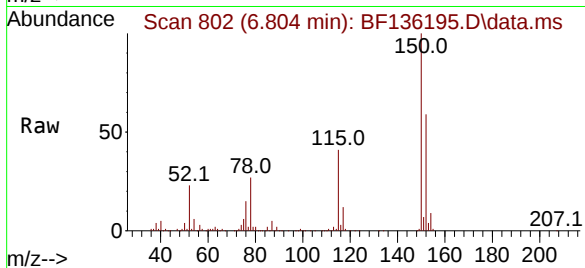




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

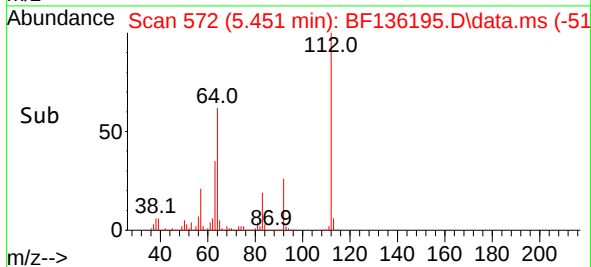
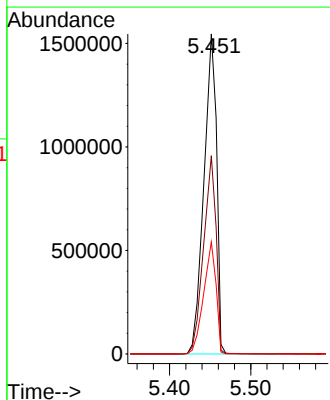
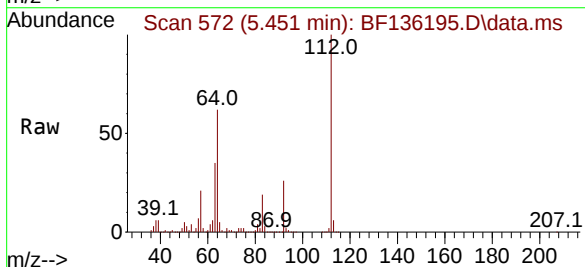
Instrument :
BNA_F
ClientSampleId :
PB157124TB

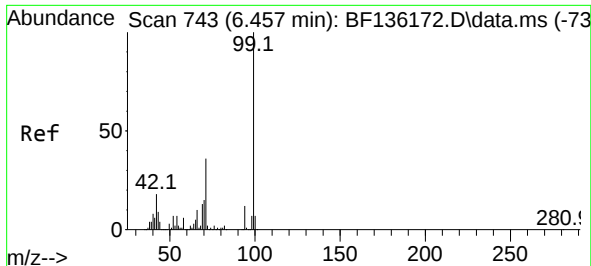
Tgt Ion:152 Resp: 170520
Ion Ratio Lower Upper
152 100
150 169.6 123.1 184.7
115 69.8 50.5 75.7



#5
2-Fluorophenol
Concen: 156.564 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Tgt Ion:112 Resp: 1676718
Ion Ratio Lower Upper
112 100
64 61.9 45.4 68.0
63 35.0 24.4 36.6

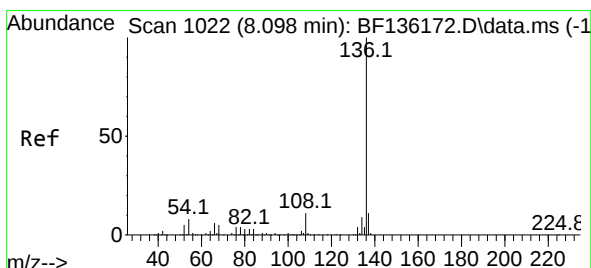
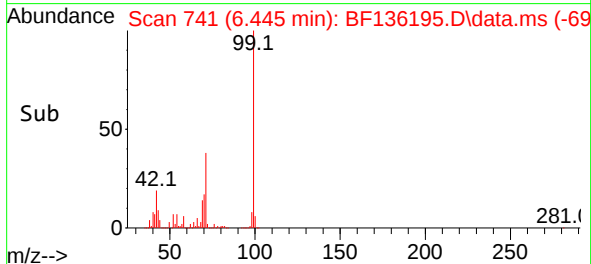
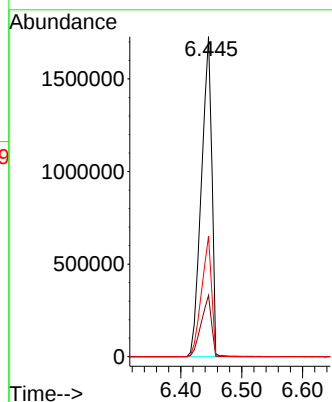
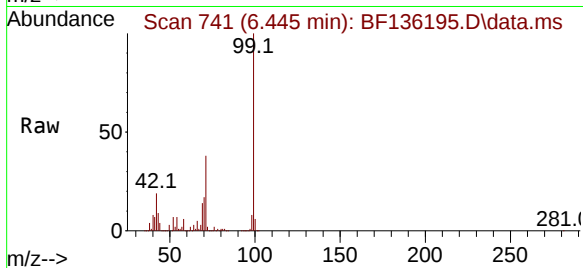




#7
Phenol-d6
Concen: 154.933 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

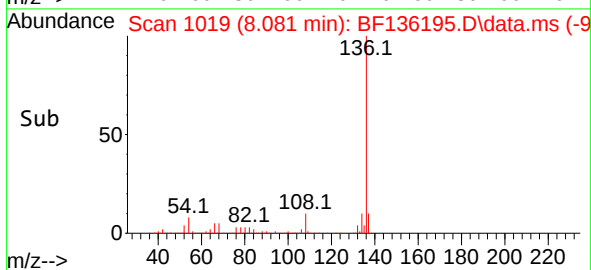
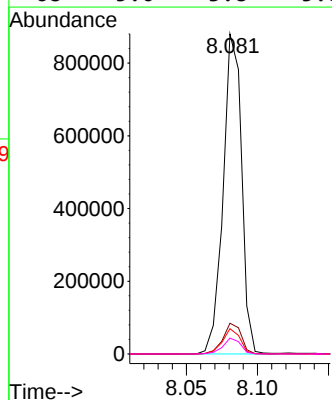
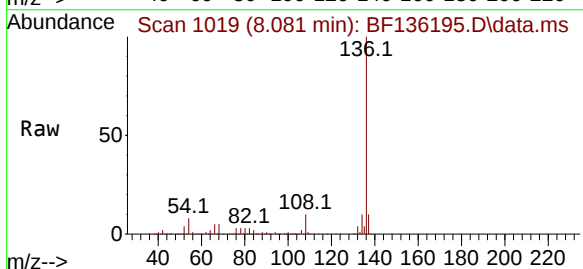
Instrument :
BNA_F
ClientSampleId :
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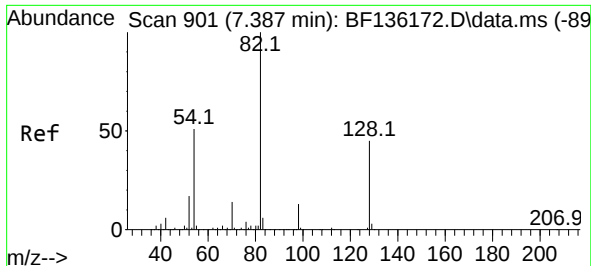
Tgt Ion: 99 Resp: 2041748
Ion Ratio Lower Upper
99 100
42 19.2 14.1 21.1
71 37.6 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Tgt Ion: 136 Resp: 792424
Ion Ratio Lower Upper
136 100
137 9.6 8.6 13.0
54 7.9 6.3 9.5
68 5.0 3.8 5.8

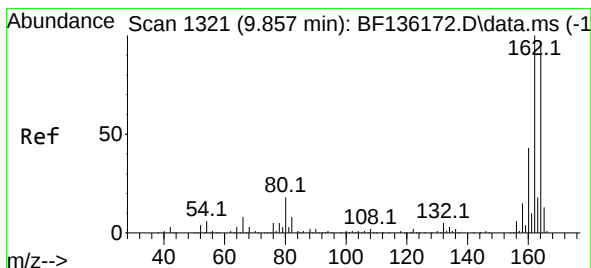
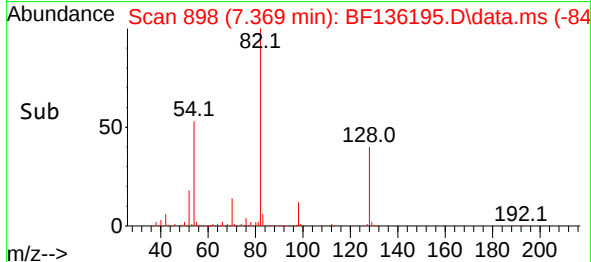
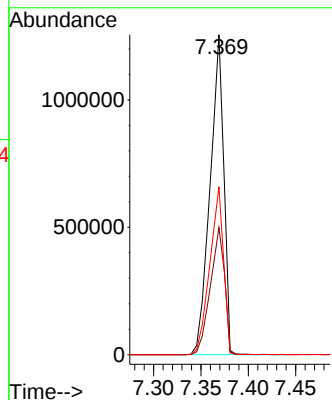
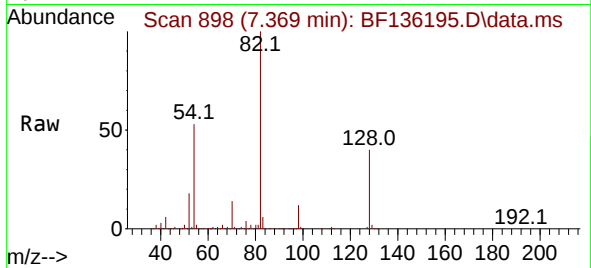




#23
Nitrobenzene-d5
Concen: 89.003 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

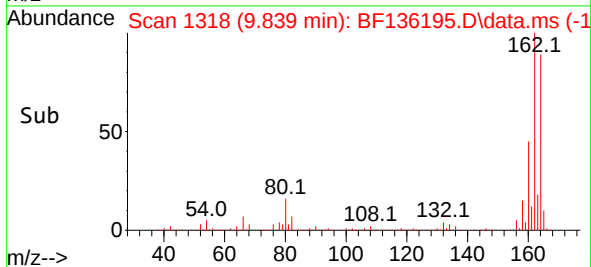
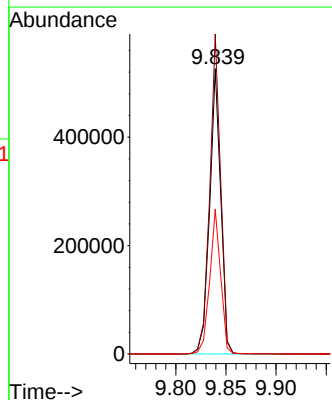
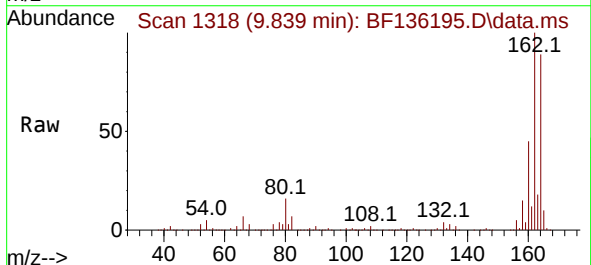
Instrument :
BNA_F
ClientSampleId :
PB157124TB

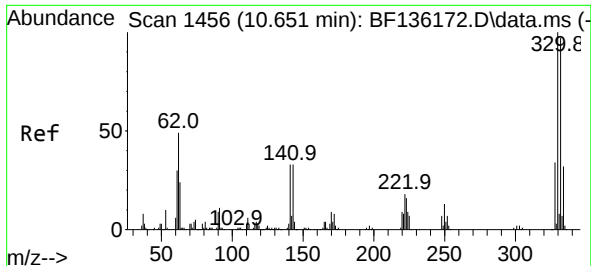
Tgt Ion: 82 Resp: 1263874
Ion Ratio Lower Upper
82 100
128 39.7 35.8 53.6
54 52.5 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Tgt Ion: 164 Resp: 406451
Ion Ratio Lower Upper
164 100
162 112.2 83.2 124.8
160 50.7 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 150.774 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136195.D

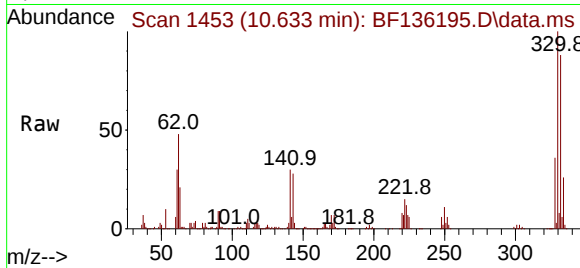
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Instrument :

BNA_F

ClientSampleId :

PB157124TB



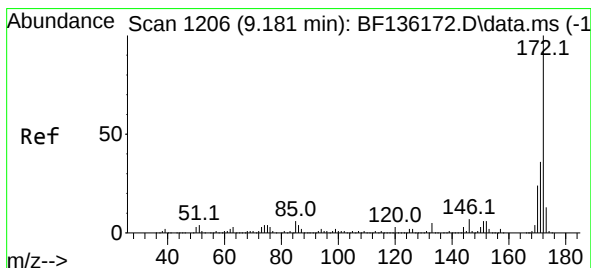
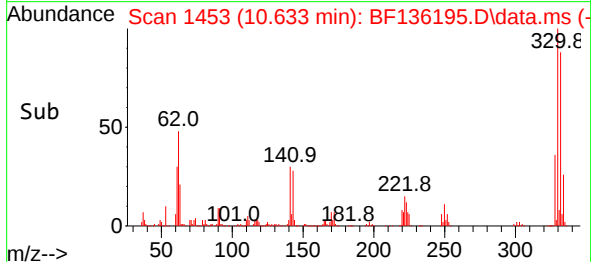
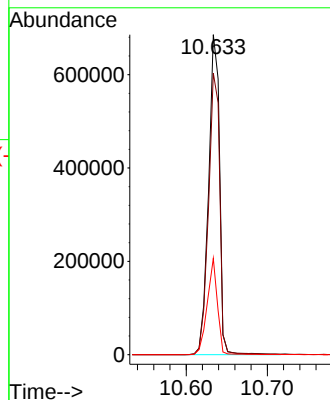
Tgt Ion:330 Resp: 641833

Ion Ratio Lower Upper

330 100

332 90.6 77.6 116.4

141 28.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 96.307 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136195.D

Acq: 25 Nov 2023 00:06

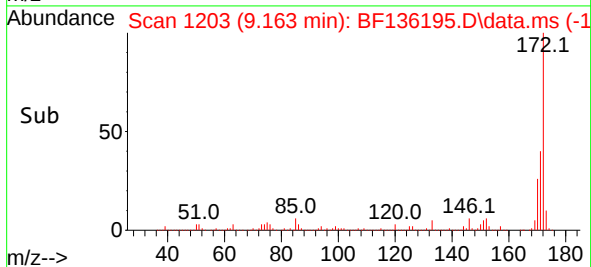
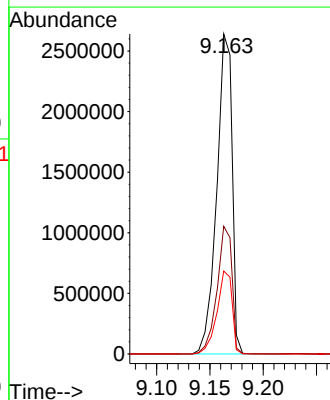
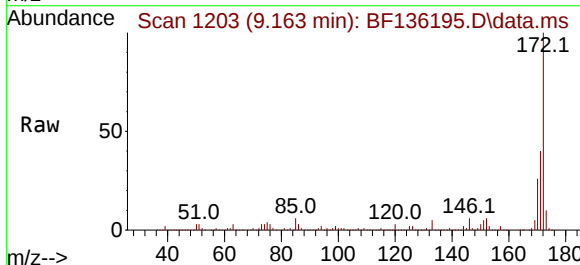
Tgt Ion:172 Resp: 2648110

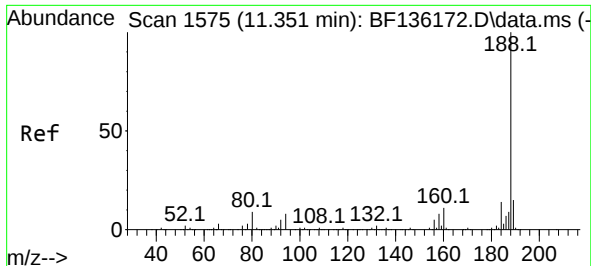
Ion Ratio Lower Upper

172 100

171 39.9 28.9 43.3

170 25.9 19.1 28.7

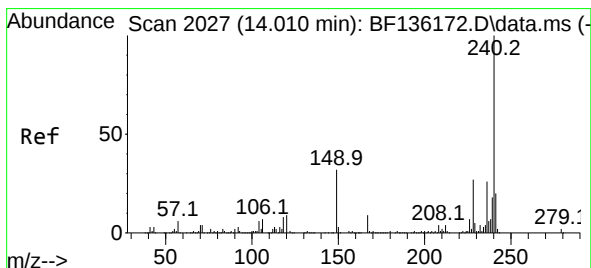
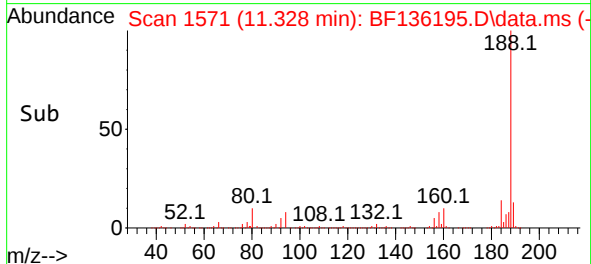
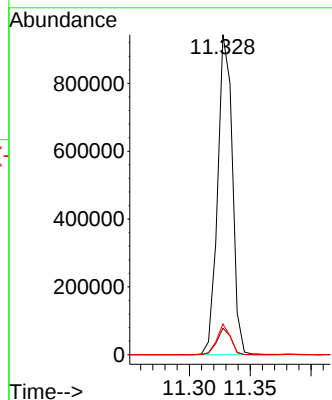
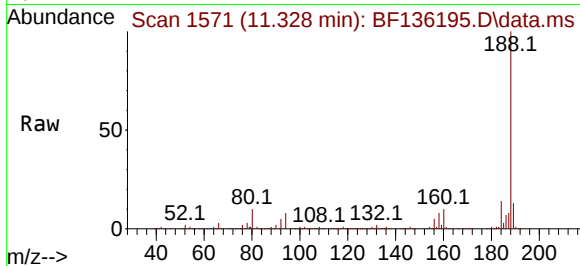




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

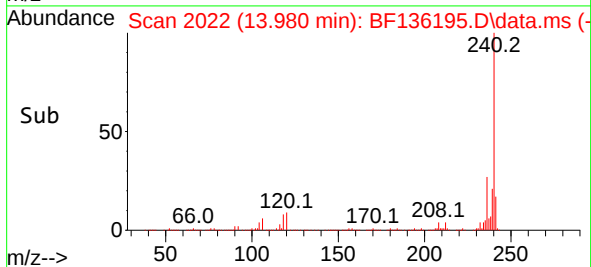
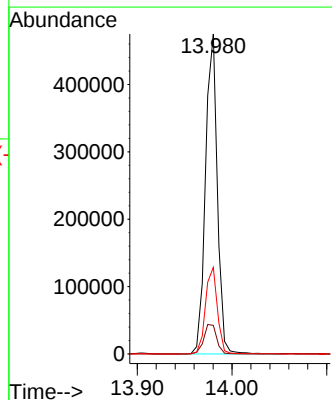
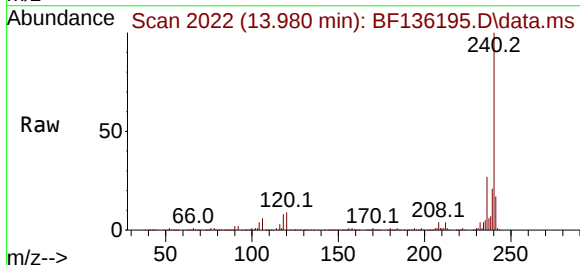
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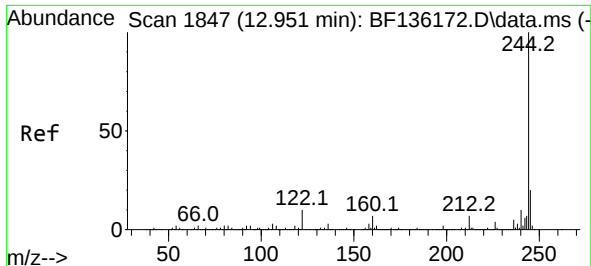
Tgt Ion:188 Resp: 794839
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 9.6 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136195.D
Acq: 25 Nov 2023 00:06

Tgt Ion:240 Resp: 412518
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 27.1 20.9 31.3

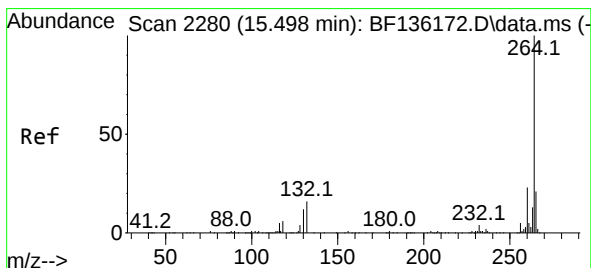
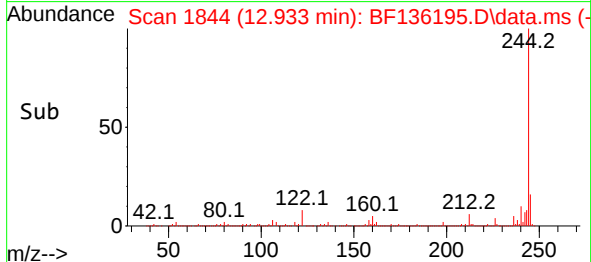
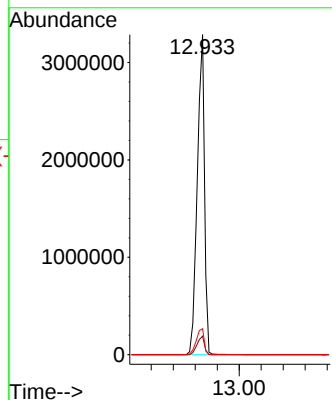
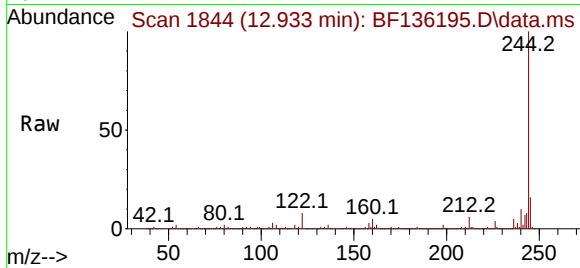




#79
 Terphenyl-d14
 Concen: 102.737 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136195.D
 Acq: 25 Nov 2023 00:06

Instrument :
 BNA_F
 ClientSampleId :
 PB157124TB

Tgt Ion:244 Resp: 2985678
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.4 8.0
 122 8.1 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: BF136195.D
 Acq: 25 Nov 2023 00:06

Tgt Ion:264 Resp: 398301
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 20.3 16.9 25.3

