

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136295.D
 Acq On : 29 Nov 2023 21:23
 Operator : CG\JU
 Sample : 05550-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A591

Quant Time: Nov 29 23:50:27 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	113655	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	434220	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	181662	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	264656	20.000	ng	0.00
76) Chrysene-d12	13.980	240	223307	20.000	ng	-0.01
86) Perylene-d12	15.462	264	230800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	484284	59.307	ng	0.00
7) Phenol-d6	6.434	99	344656	33.756	ng	-0.01
23) Nitrobenzene-d5	7.363	82	795498	96.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	253325	114.061	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1415573	99.532	ng	0.00
79) Terphenyl-d14	12.927	244	1222143	63.130	ng	0.00

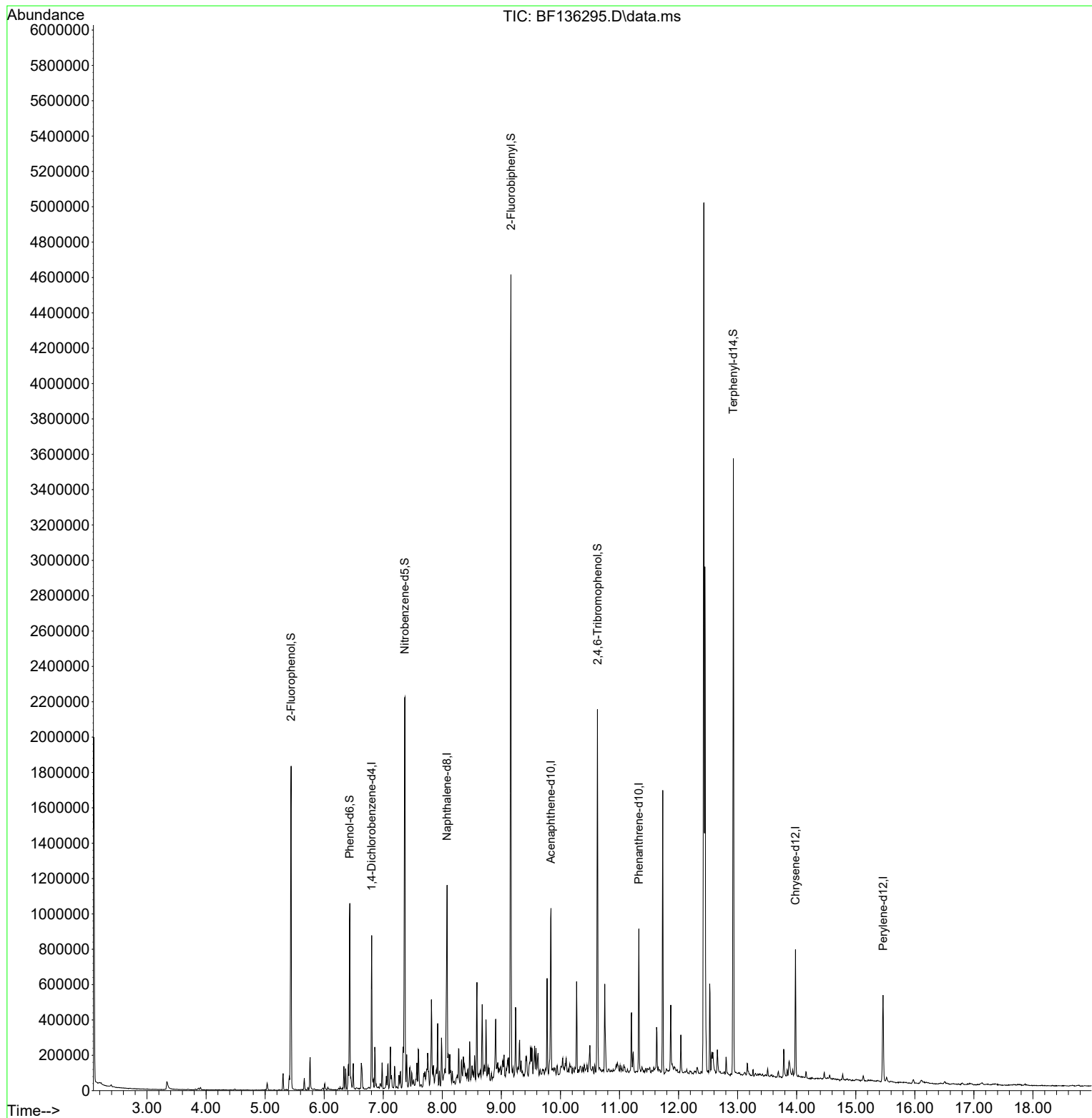
Target Compounds	Qvalue

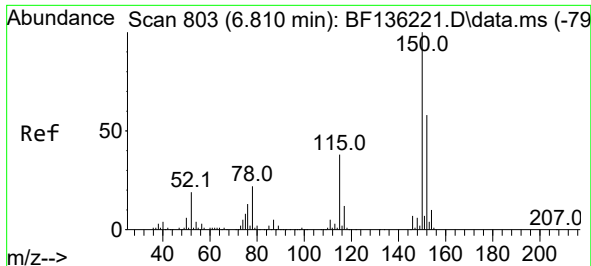
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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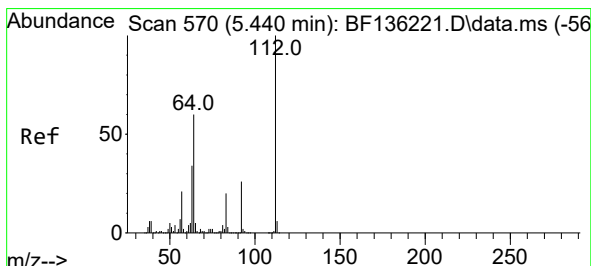
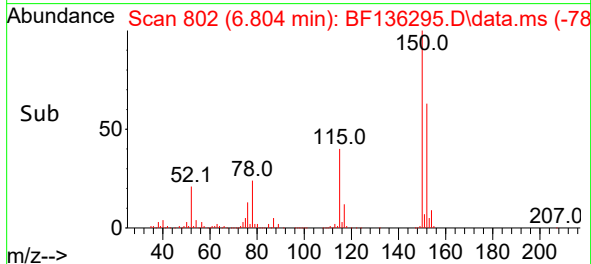
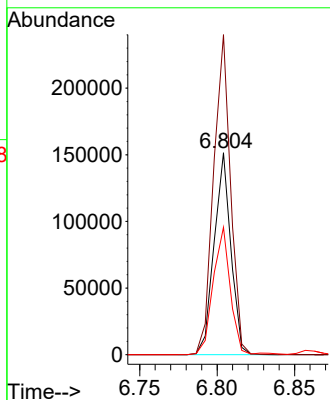
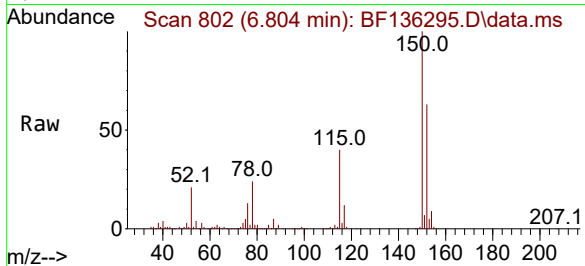




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

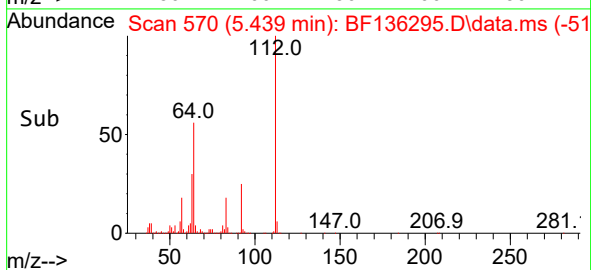
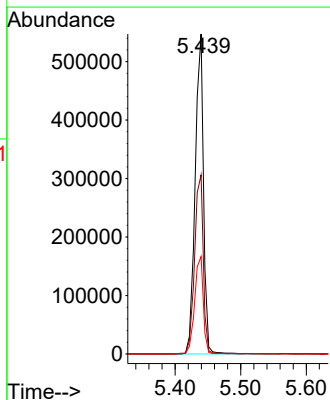
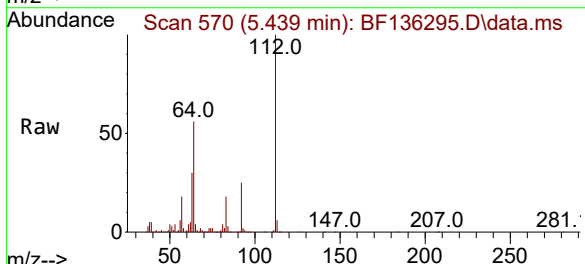
Instrument :
BNA_F
ClientSampleId :
A591

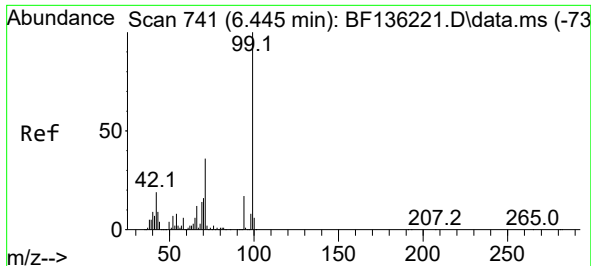
Tgt Ion:152 Resp: 113655
Ion Ratio Lower Upper
152 100
150 158.4 137.8 206.8
115 63.0 52.7 79.1



#5
2-Fluorophenol
Concen: 59.307 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion:112 Resp: 484284
Ion Ratio Lower Upper
112 100
64 55.9 48.2 72.4
63 30.4 27.0 40.6

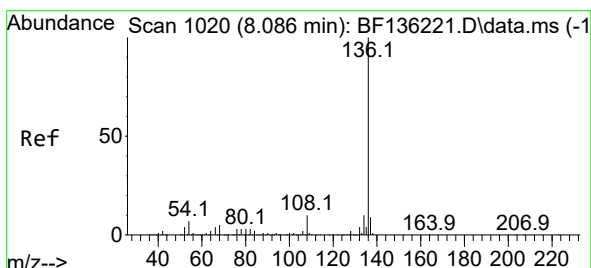
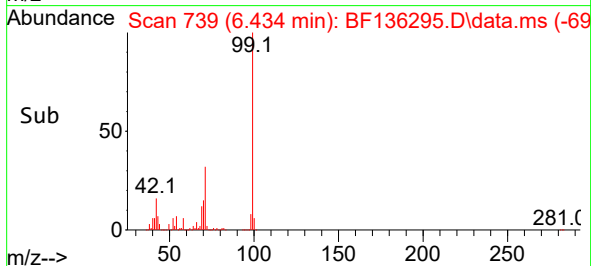
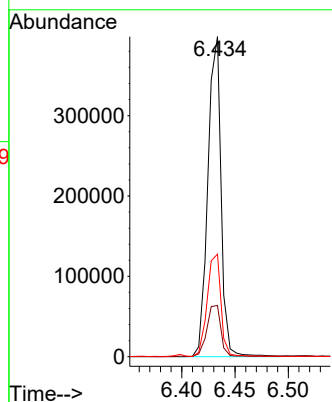
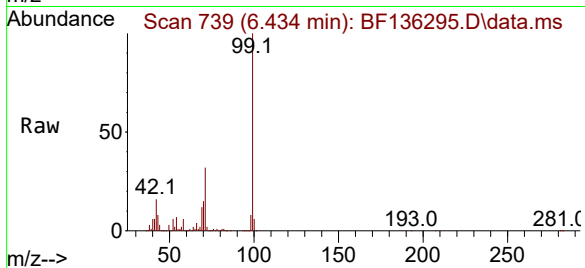




#7
Phenol-d6
Concen: 33.756 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

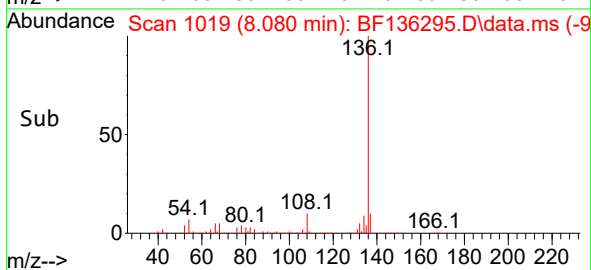
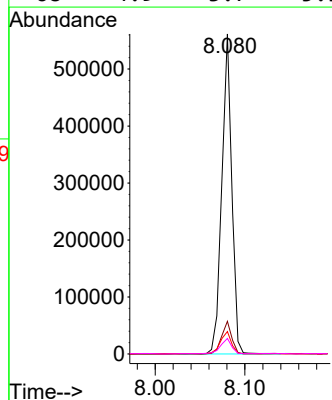
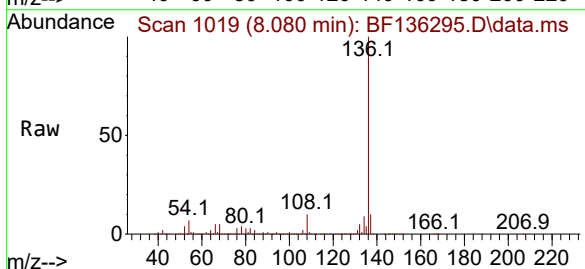
Instrument :
BNA_F
ClientSampleId :
A591

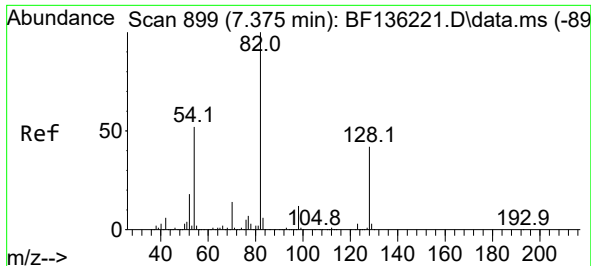
Tgt Ion: 99 Resp: 344656
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 32.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion: 136 Resp: 434220
Ion Ratio Lower Upper
136 100
137 10.2 7.4 11.2
54 7.0 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 96.810 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

Instrument :

BNA_F

ClientSampleId :

A591

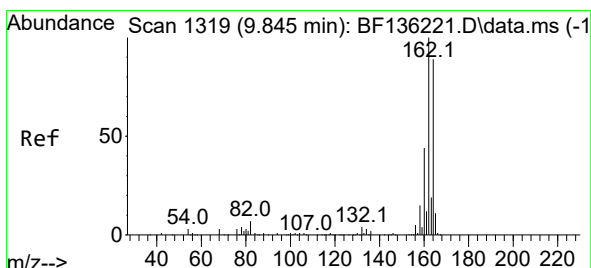
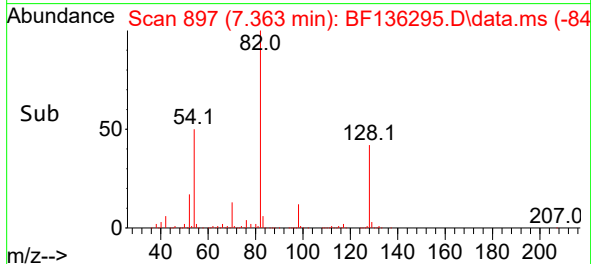
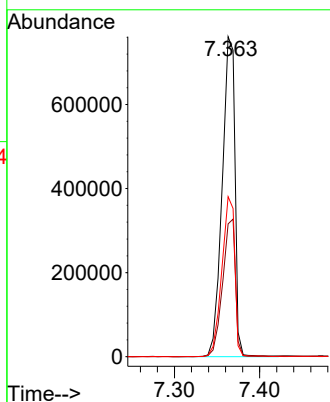
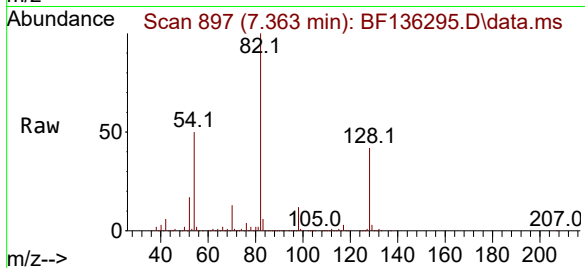
Tgt Ion: 82 Resp: 795498

Ion Ratio Lower Upper

82 100

128 41.5 33.4 50.2

54 50.0 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

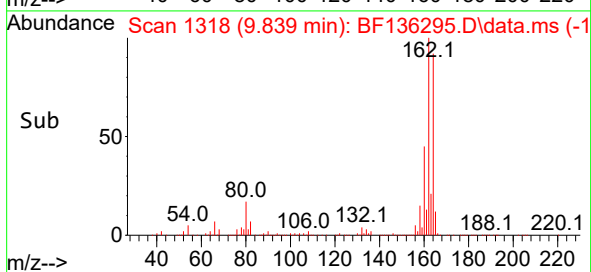
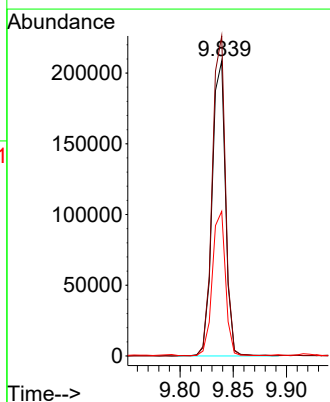
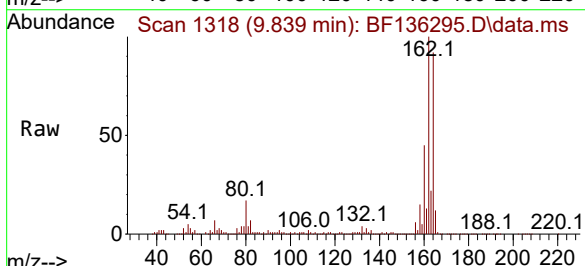
Tgt Ion:164 Resp: 181662

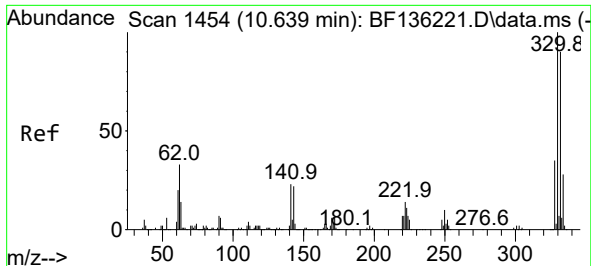
Ion Ratio Lower Upper

164 100

162 108.5 89.5 134.3

160 49.0 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 114.061 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

Instrument :

BNA_F

ClientSampleId :

A591

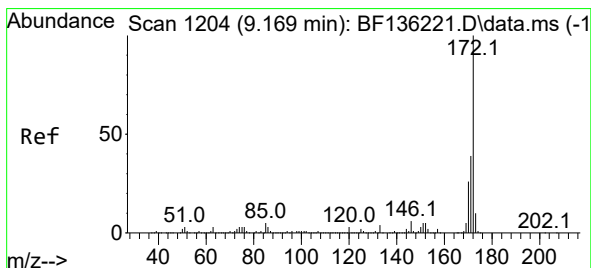
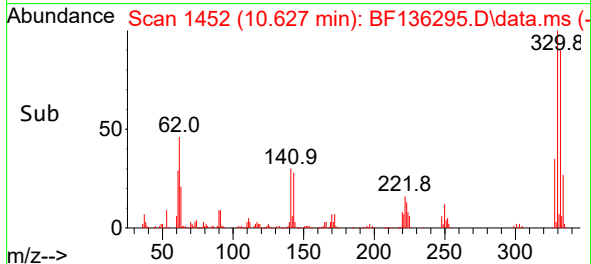
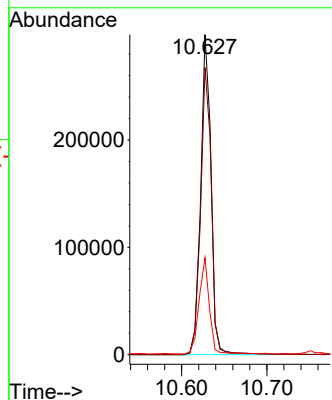
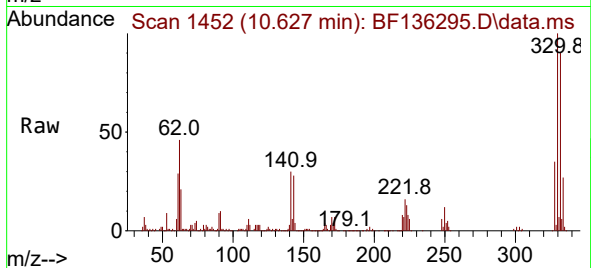
Tgt Ion:330 Resp: 253325

Ion Ratio Lower Upper

330 100

332 92.2 73.0 109.6

141 30.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 99.532 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136295.D

Acq: 29 Nov 2023 21:23

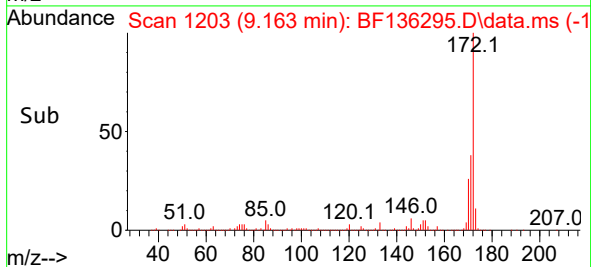
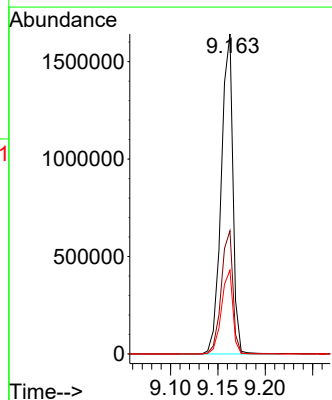
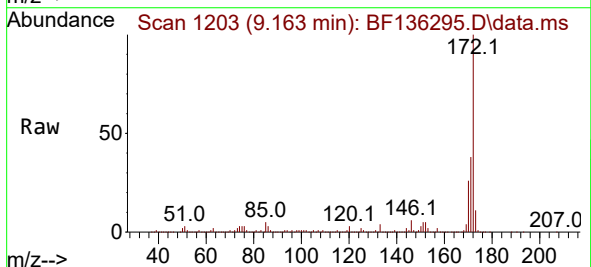
Tgt Ion:172 Resp: 1415573

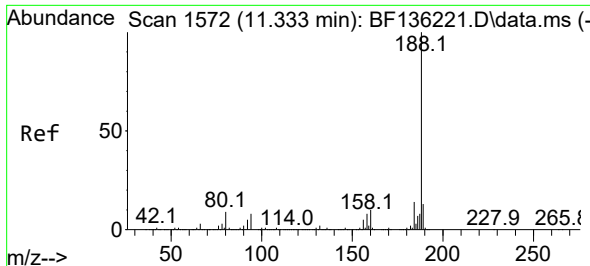
Ion Ratio Lower Upper

172 100

171 38.5 31.5 47.3

170 26.2 20.8 31.2

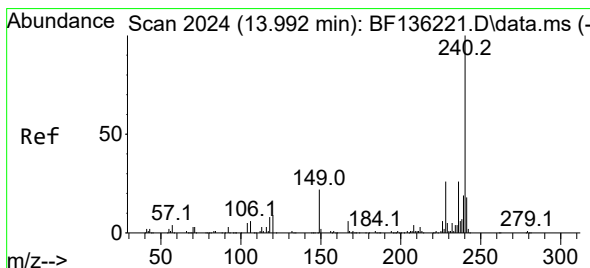
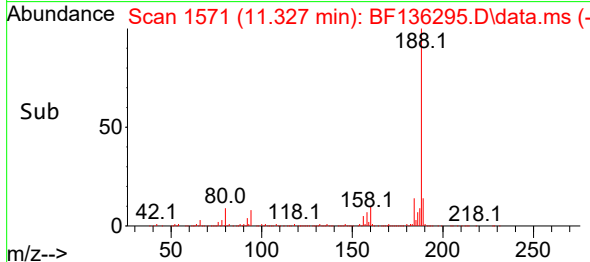
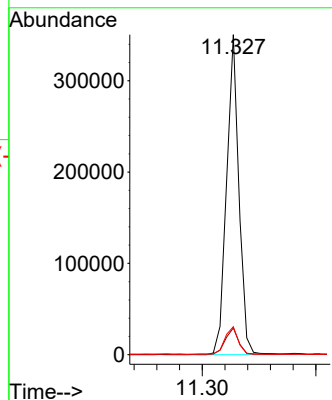
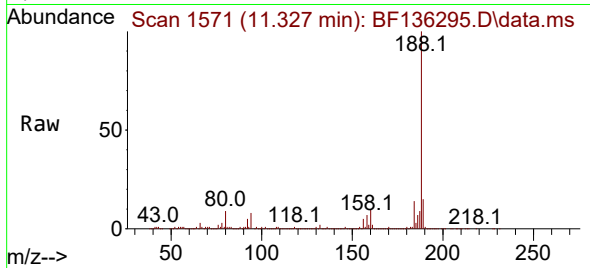




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

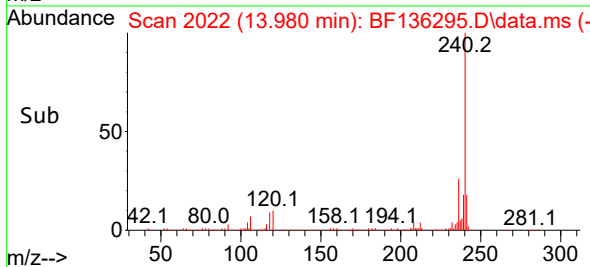
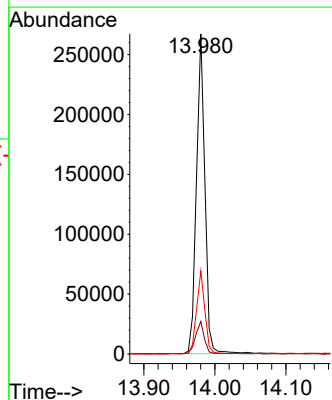
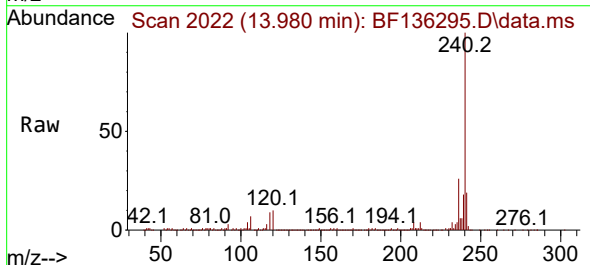
Instrument :
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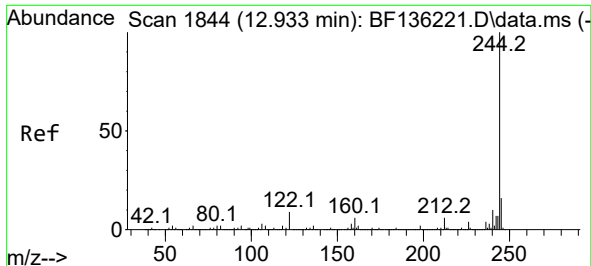
Tgt Ion:188 Resp: 264656
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.7 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136295.D
Acq: 29 Nov 2023 21:23

Tgt Ion:240 Resp: 223307
Ion Ratio Lower Upper
240 100
120 10.2 7.4 11.2
236 26.0 21.1 31.7

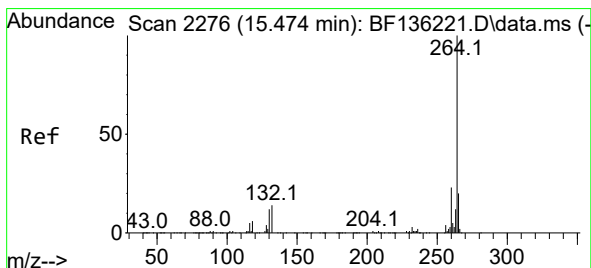
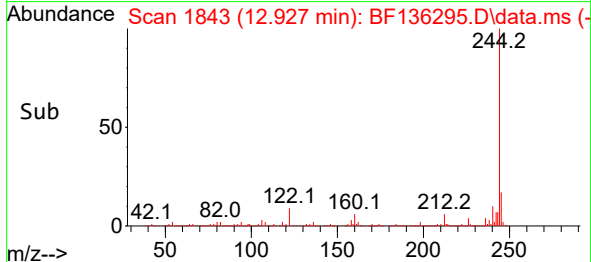
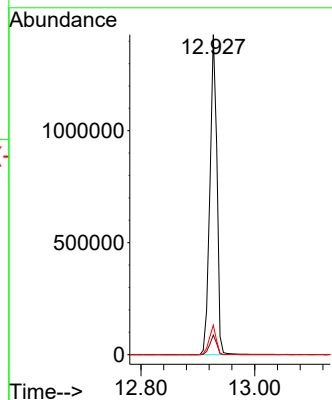
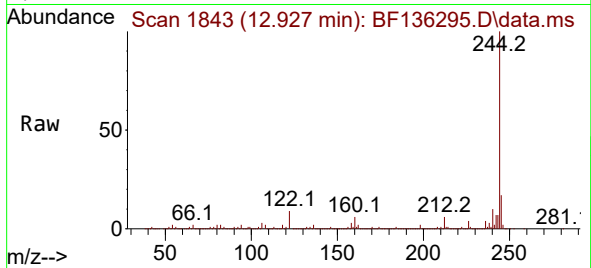




#79
 Terphenyl-d14
 Concen: 63.130 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136295.D
 Acq: 29 Nov 2023 21:23

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1222143
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 9.2 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF136295.D
 Acq: 29 Nov 2023 21:23

Tgt Ion:264 Resp: 230800
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.1 15.7 23.5

