

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135629.D
 Acq On : 06 Oct 2023 15:11
 Operator : CG\JU
 Sample : 04714-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 06 15:34:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

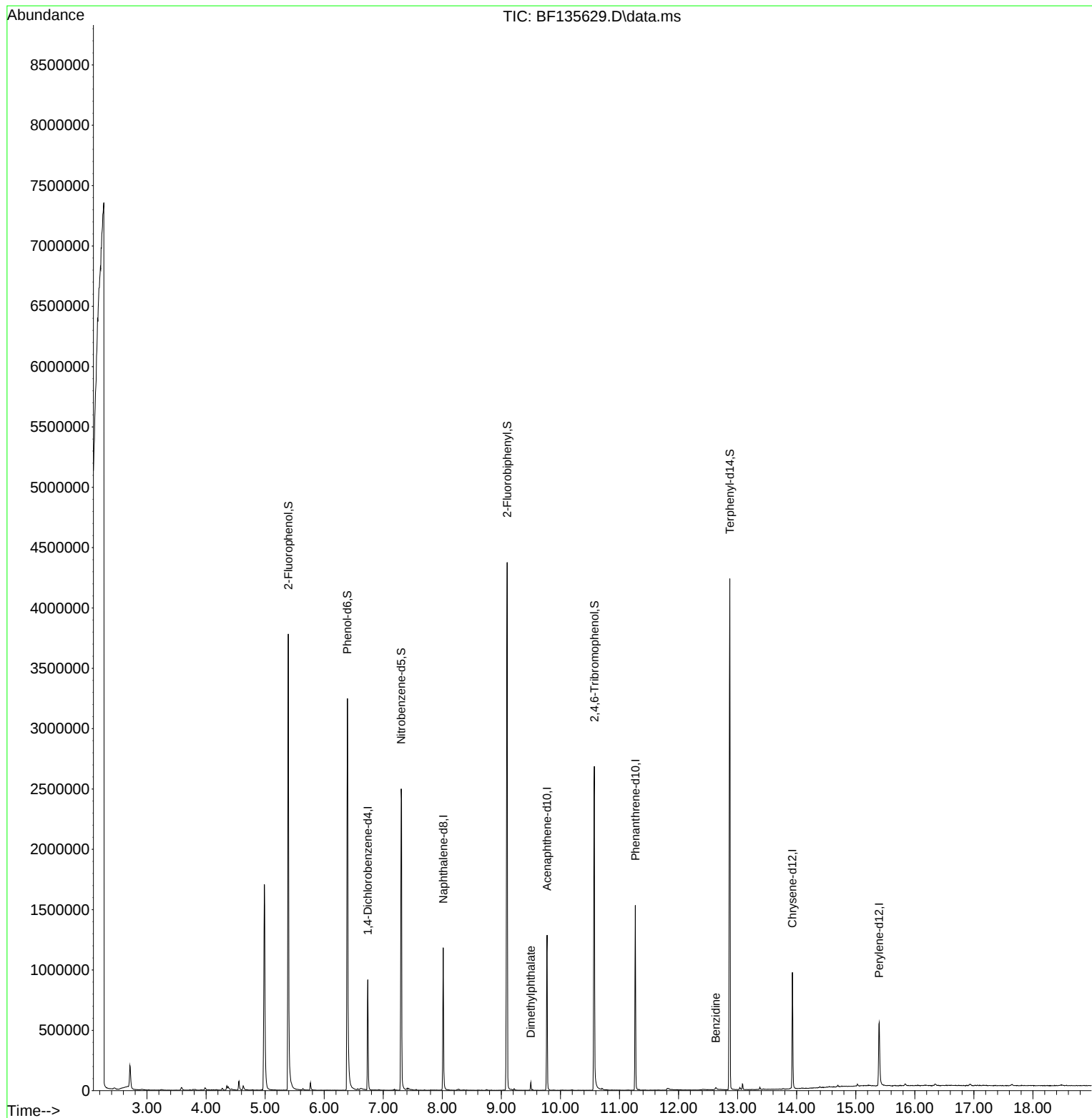
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	134345	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	528890	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	268084	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	537097	20.000	ng	0.00
76) Chrysene-d12	13.927	240	322904	20.000	ng	0.00
86) Perylene-d12	15.398	264	285252	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1091687	132.165	ng	0.02
7) Phenol-d6	6.392	99	1303711	124.126	ng	0.00
23) Nitrobenzene-d5	7.304	82	926623	95.186	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	359768	135.043	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1557869	87.674	ng	0.00
79) Terphenyl-d14	12.868	244	1650608	79.242	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.498	163	27380	1.511	ng	96
77) Benzidine	12.633	184	12222	1.848	ng	98

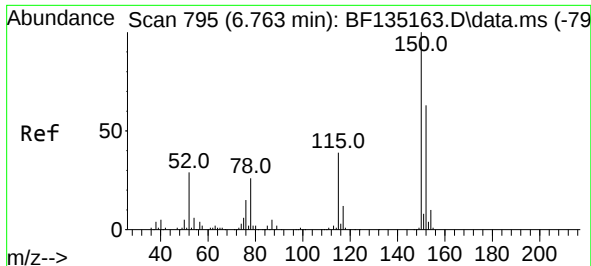
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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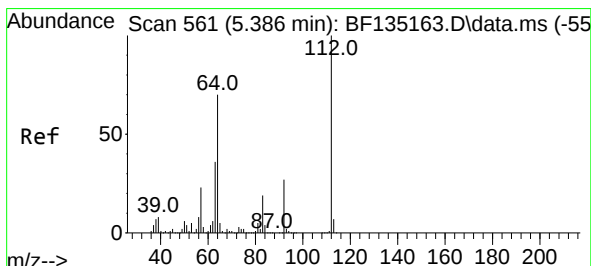
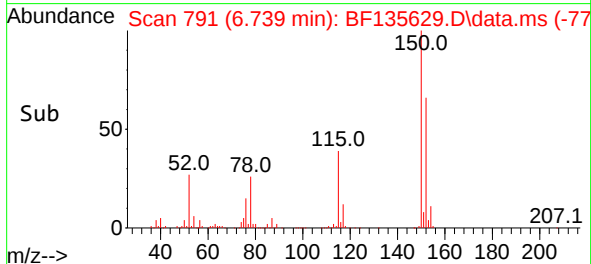
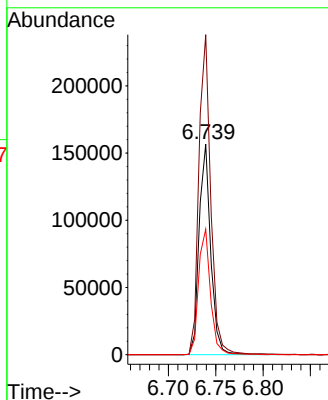
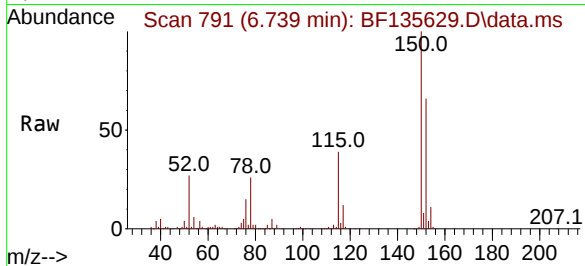




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

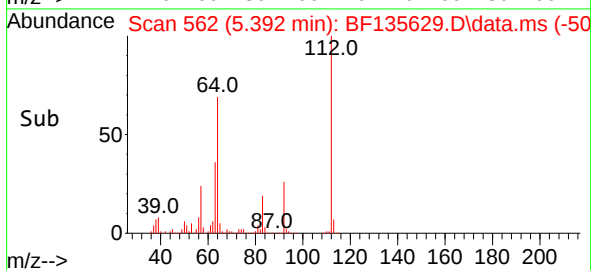
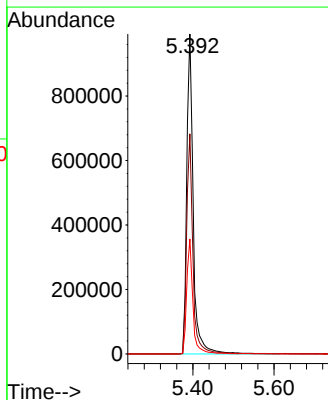
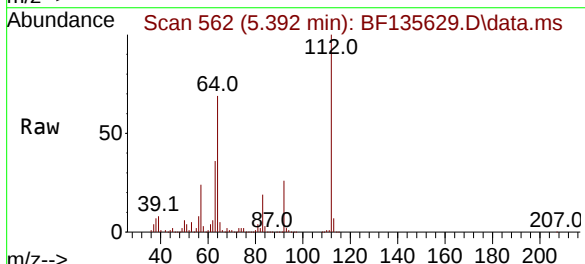
Instrument :
BNA_F
ClientSampleId :
TP-2

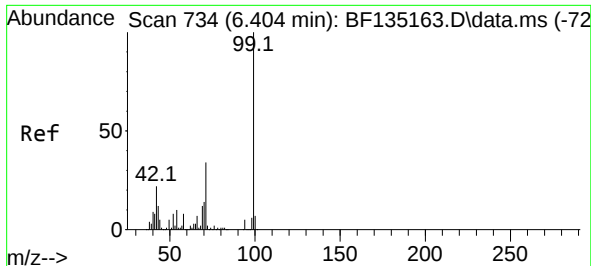
Tgt Ion:152 Resp: 134345
Ion Ratio Lower Upper
152 100
150 152.0 127.8 191.6
115 59.6 49.8 74.8



#5
2-Fluorophenol
Concen: 132.165 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.024 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Tgt Ion:112 Resp: 1091687
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 36.0 29.0 43.6

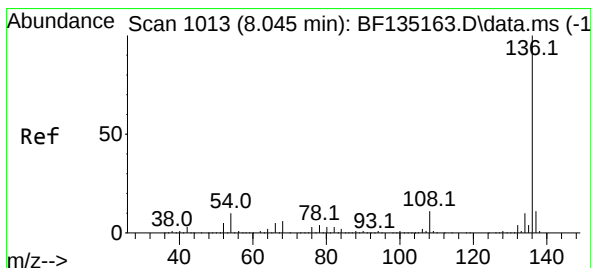
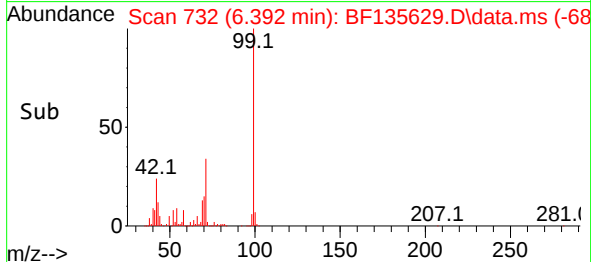
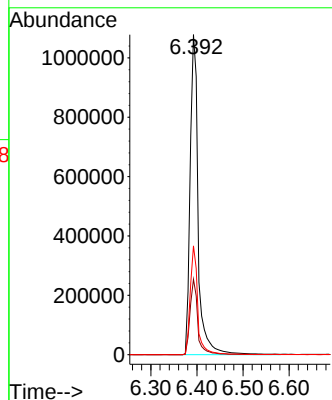
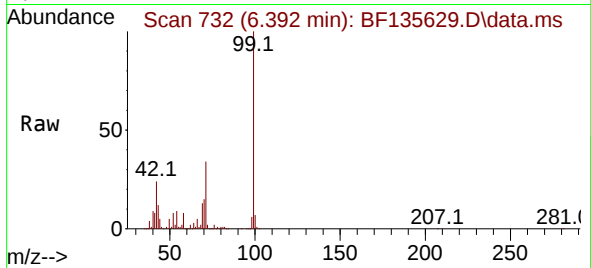




#7
Phenol-d6
Concen: 124.126 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

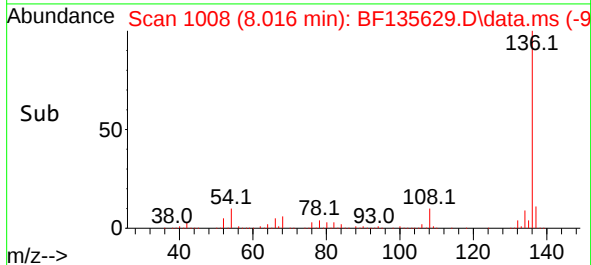
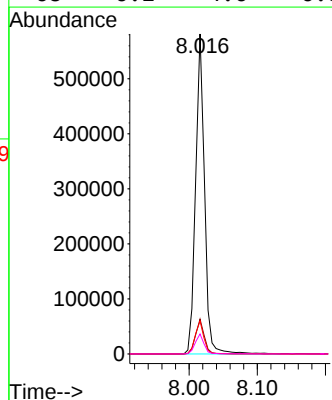
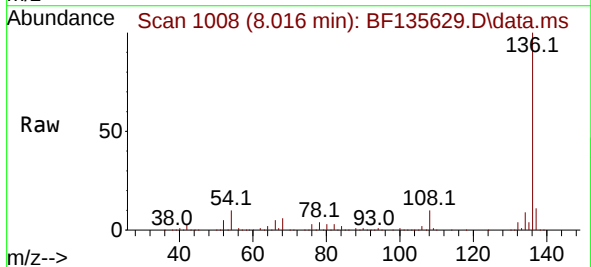
Instrument :
BNA_F
ClientSampleId :
TP-2

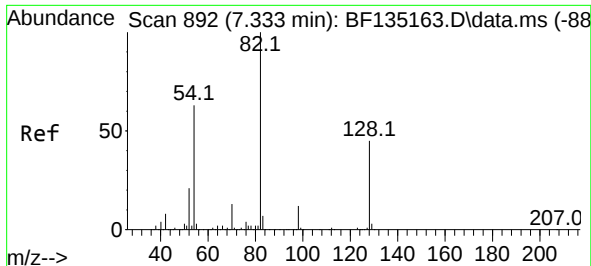
Tgt Ion: 99 Resp: 1303711
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 34.0 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Tgt Ion: 136 Resp: 528890
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 7.7 11.5
68 6.2 4.6 6.8

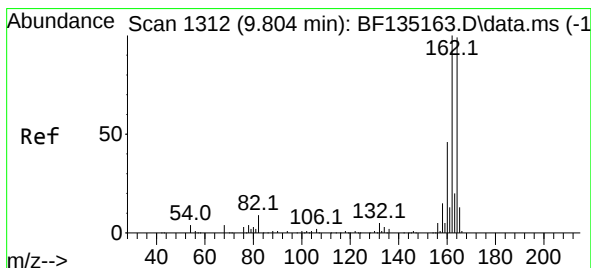
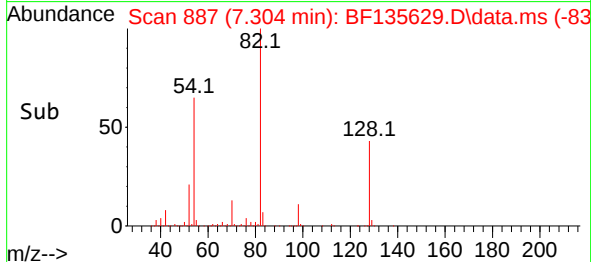
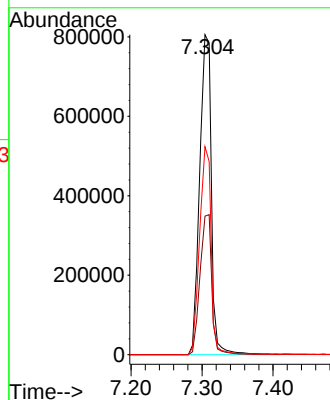
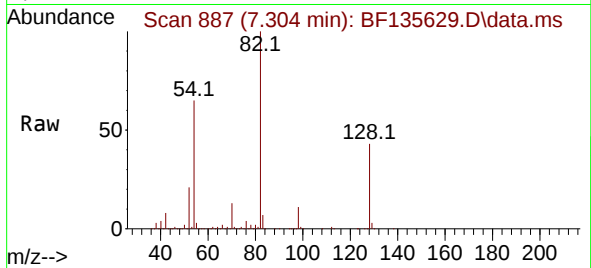




#23
Nitrobenzene-d5
Concen: 95.186 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

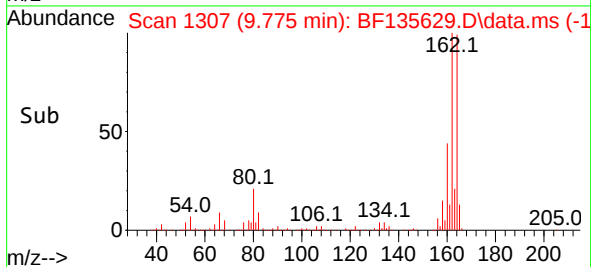
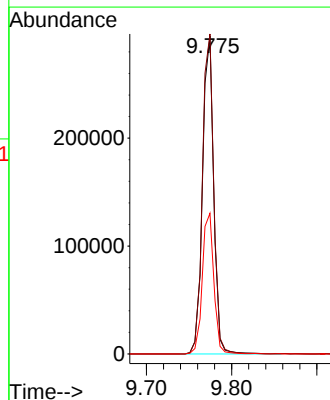
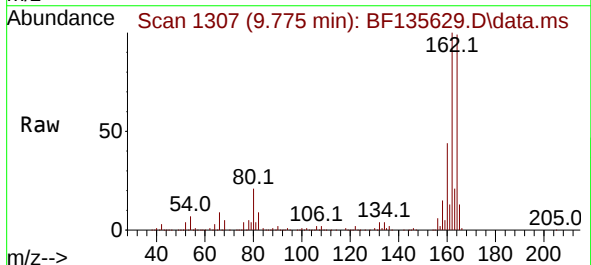
Instrument :
BNA_F
ClientSampleId :
TP-2

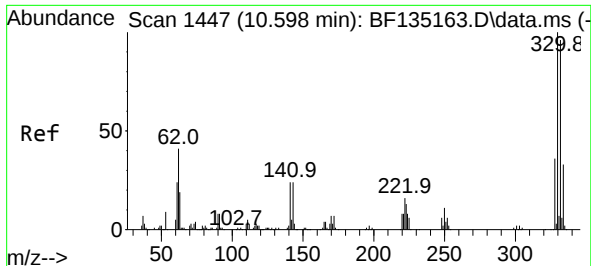
Tgt Ion: 82 Resp: 926623
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.6
54 65.0 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Tgt Ion:164 Resp: 268084
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 135.043 ng

RT: 10.574 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

Instrument :

BNA_F

ClientSampleId :

TP-2

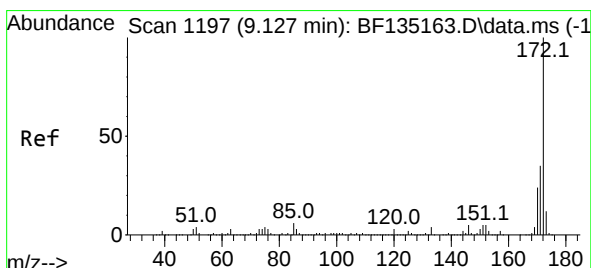
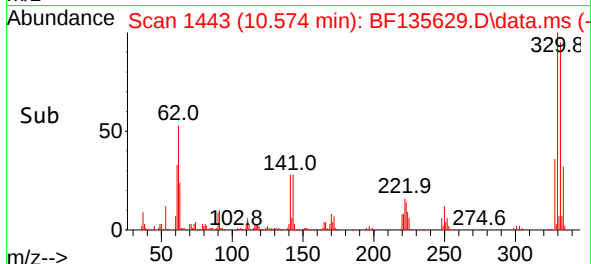
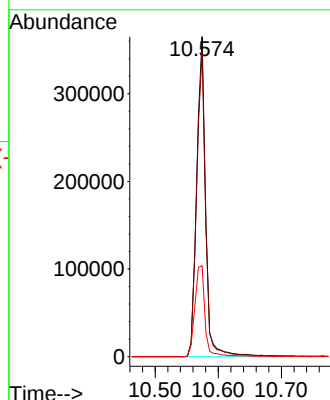
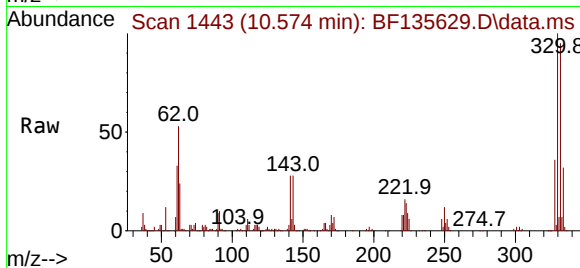
Tgt Ion:330 Resp: 359768

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 32.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.674 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

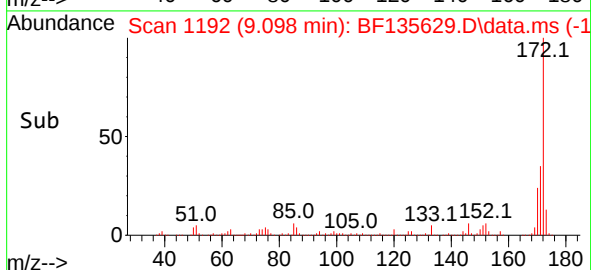
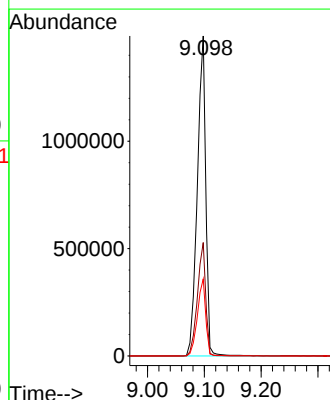
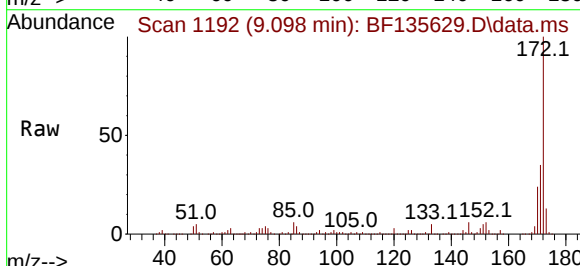
Tgt Ion:172 Resp: 1557869

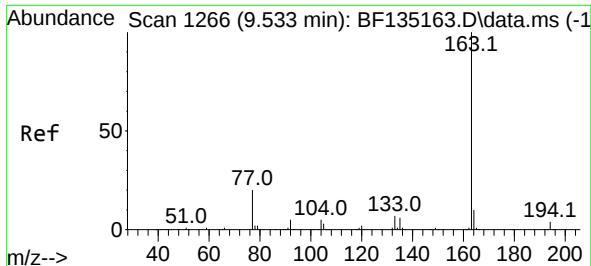
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 24.1 19.0 28.4

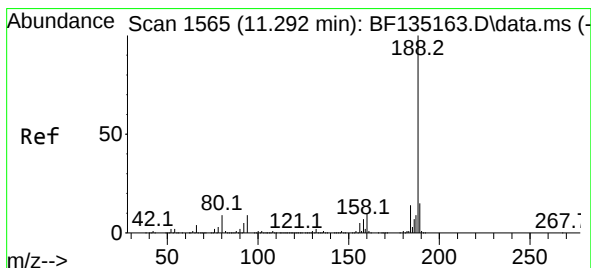
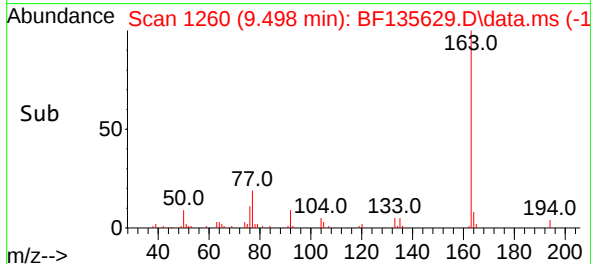
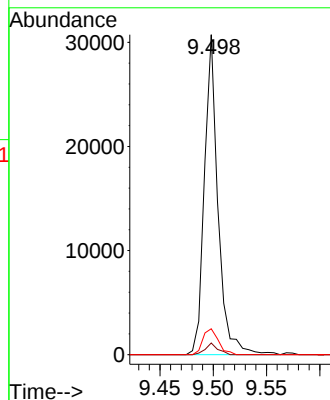
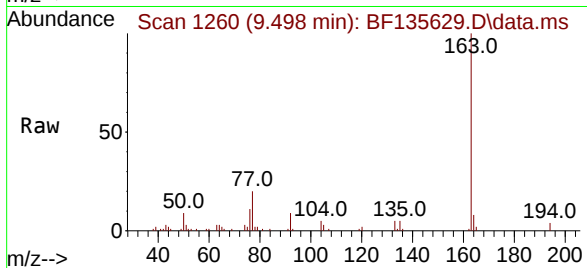




#50
Dimethylphthalate
Concen: 1.511 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

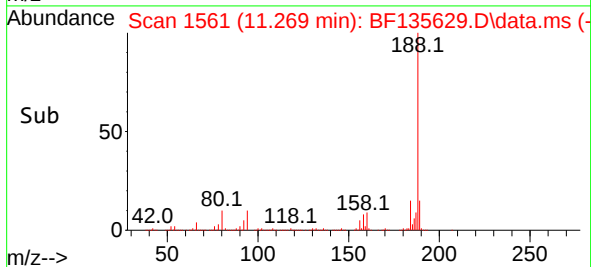
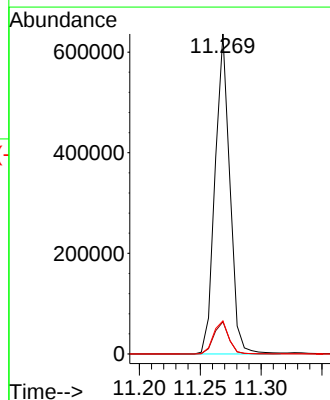
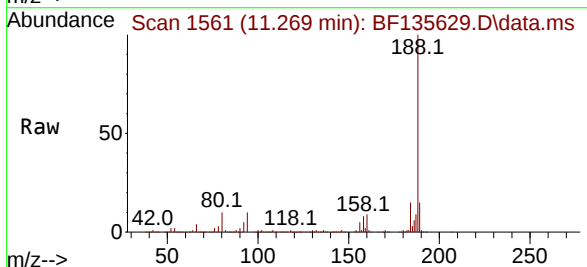
Instrument :
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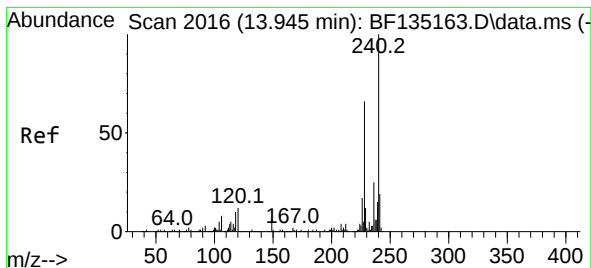
Tgt Ion:163 Resp: 27380
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 8.1 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135629.D
Acq: 06 Oct 2023 15:11

Tgt Ion:188 Resp: 537097
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.4 7.5 11.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

Instrument :

BNA_F

ClientSampleId :

TP-2

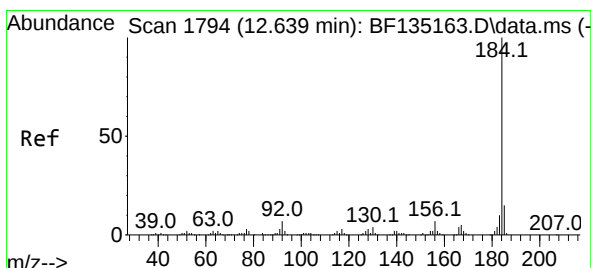
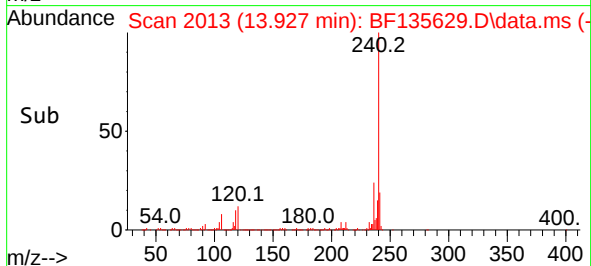
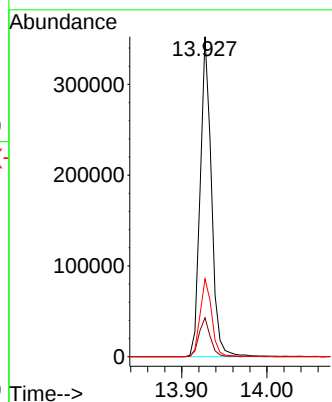
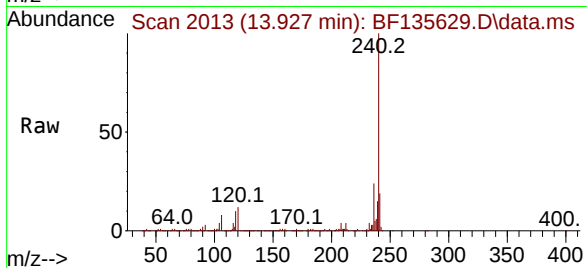
Tgt Ion:240 Resp: 322904

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 24.3 19.8 29.8



#77

Benzidine

Concen: 1.848 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.018 min

Lab File: BF135629.D

Acq: 06 Oct 2023 15:11

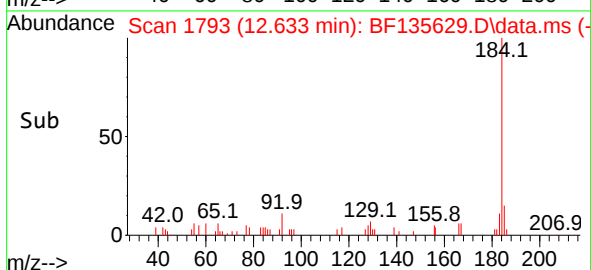
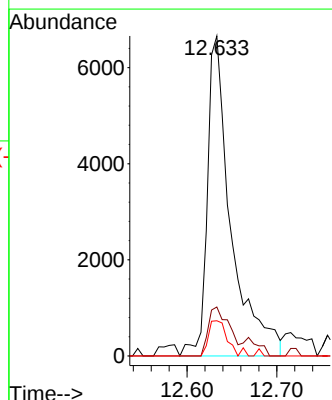
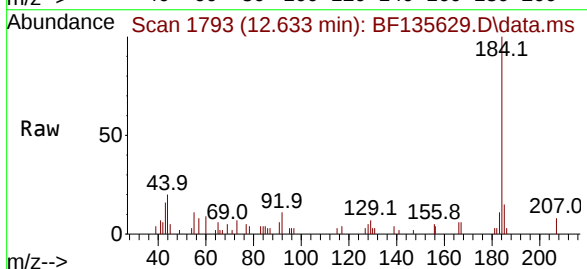
Tgt Ion:184 Resp: 12222

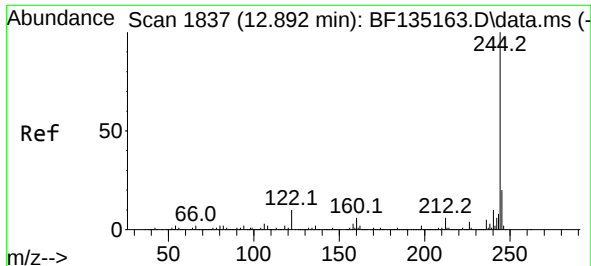
Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

183 11.0 8.2 12.4

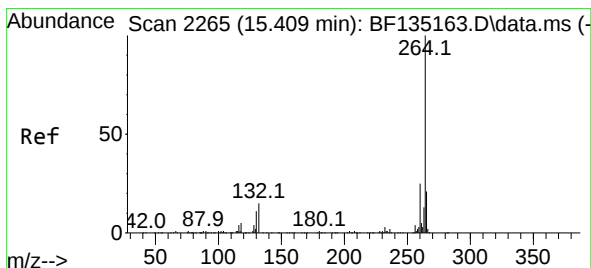
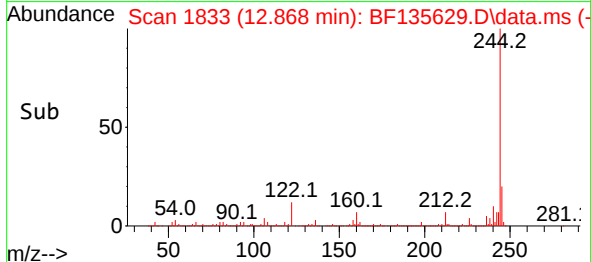
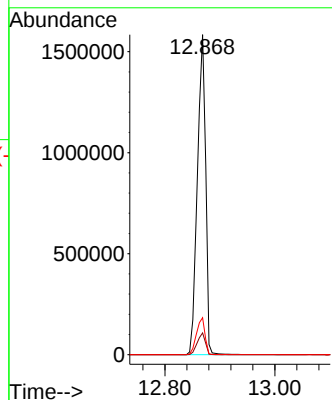
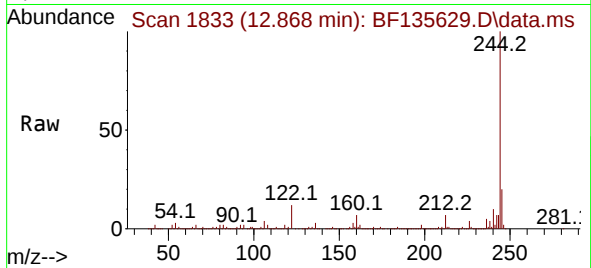




#79
 Terphenyl-d14
 Concen: 79.242 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135629.D
 Acq: 06 Oct 2023 15:11

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Tgt Ion:244 Resp: 1650608
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF135629.D
 Acq: 06 Oct 2023 15:11

Tgt Ion:264 Resp: 285252
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.8 29.6
 265 20.7 17.0 25.4

