

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130679.D
 Acq On : 14 Oct 2022 22:30
 Operator : CG\JU
 Sample : N5143-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-101322

Quant Time: Oct 17 02:24:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	68800	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	232692	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	100749	20.000	ng	-0.01
64) Phenanthrene-d10	11.092	188	170015	20.000	ng	0.00
76) Chrysene-d12	13.721	240	155859	20.000	ng	0.00
86) Perylene-d12	15.104	264	107990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	152321	39.908	ng	0.00
7) Phenol-d6	6.228	99	183480	38.234	ng	-0.01
23) Nitrobenzene-d5	7.145	82	107968	25.330	ng	-0.02
42) 2,4,6-Tribromophenol	10.398	330	38115	38.663	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	189365	28.471	ng	-0.01
79) Terphenyl-d14	12.674	244	213026	22.685	ng	-0.01

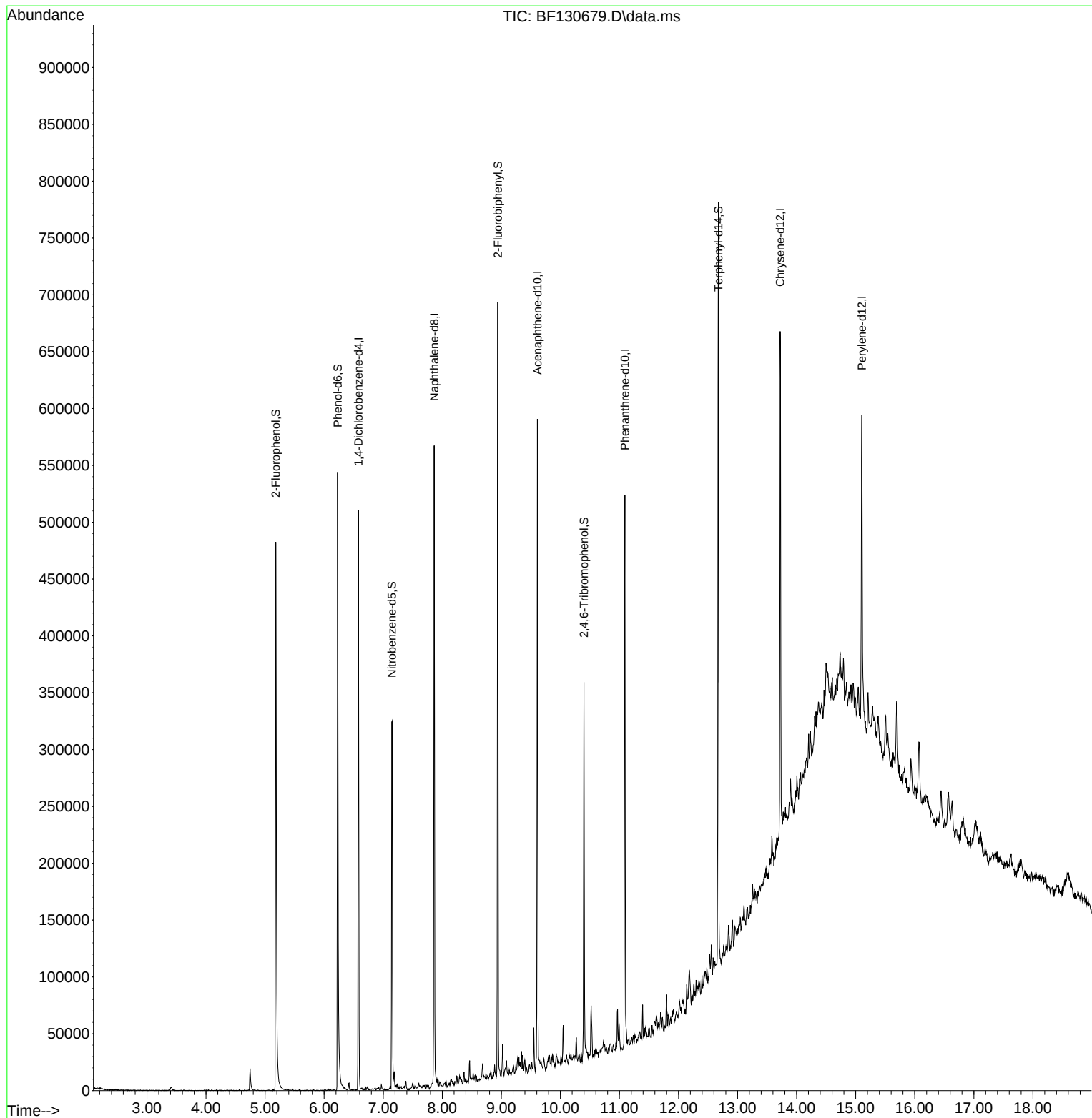
Target Compounds	Qvalue

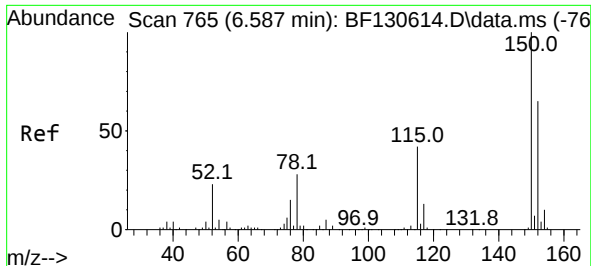
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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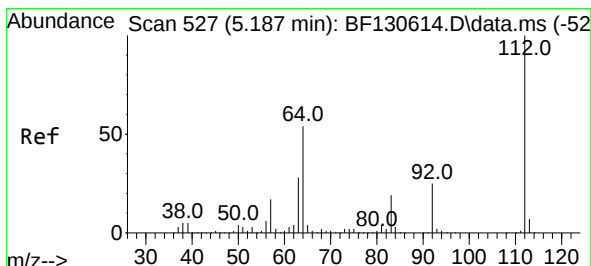
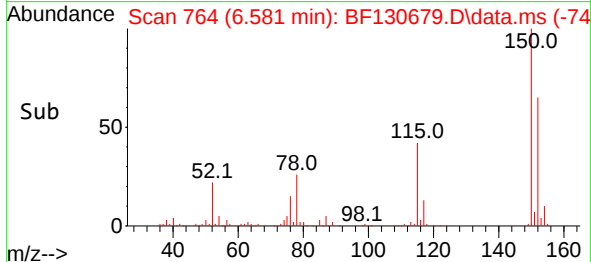
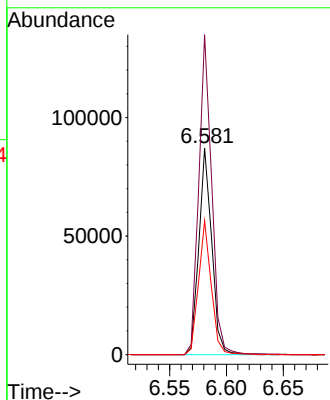
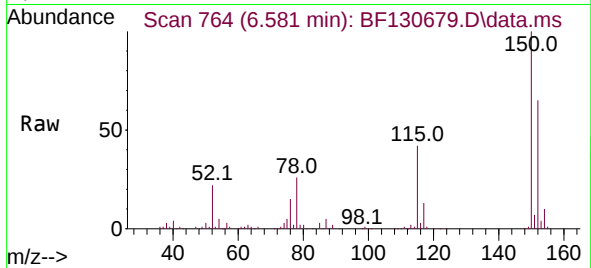




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF130679.D
Acq: 14 Oct 2022 22:30

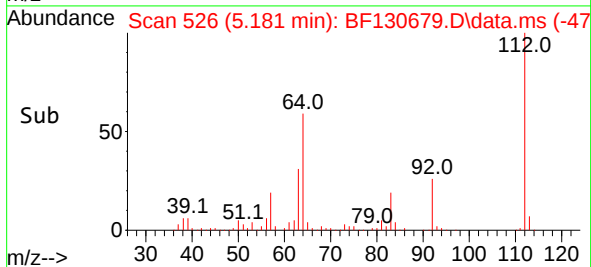
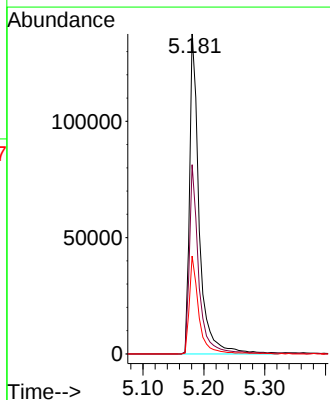
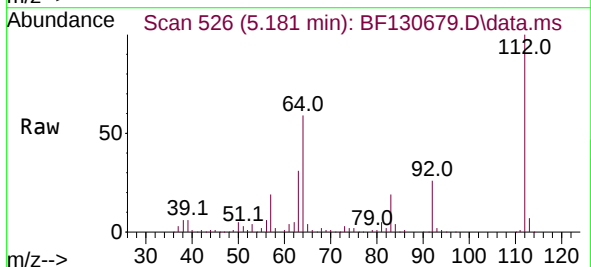
Instrument :
BNA_F
ClientSampleId :
EO-01-101322

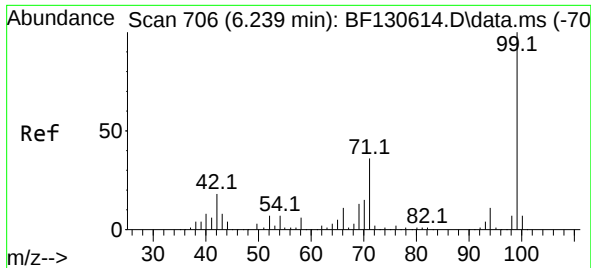
Tgt Ion:152 Resp: 68800
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 64.8 52.2 78.4



#5
2-Fluorophenol
Concen: 39.908 ng
RT: 5.181 min Scan# 526
Delta R.T. -0.006 min
Lab File: BF130679.D
Acq: 14 Oct 2022 22:30

Tgt Ion:112 Resp: 152321
Ion Ratio Lower Upper
112 100
64 59.1 43.5 65.3
63 30.6 22.6 34.0

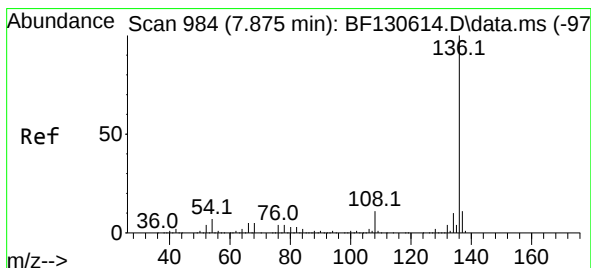
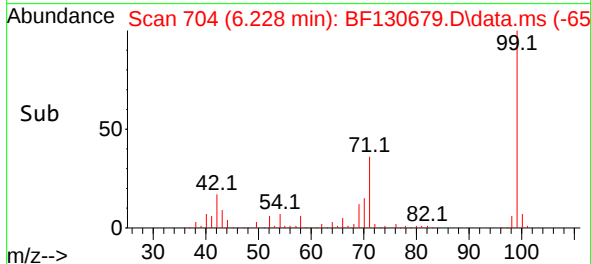
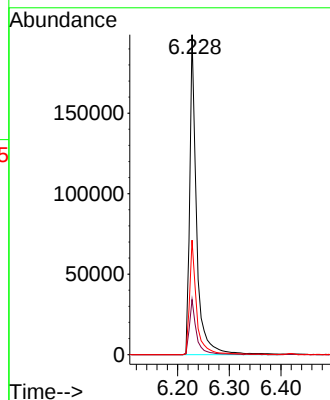
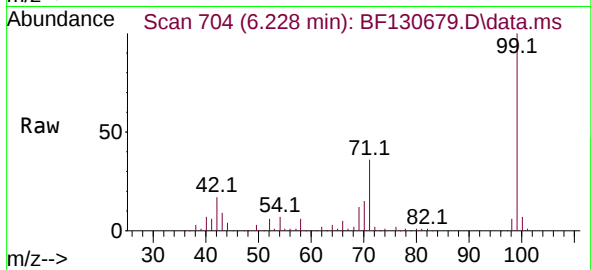




#7
Phenol-d6
Concen: 38.234 ng
RT: 6.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF130679.D
Acq: 14 Oct 2022 22:30

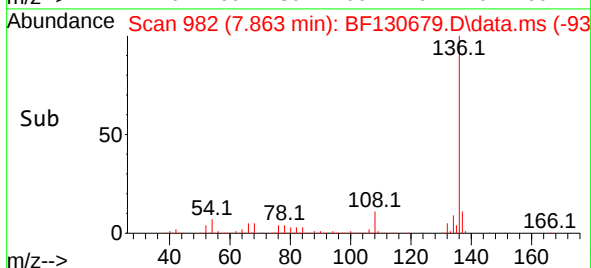
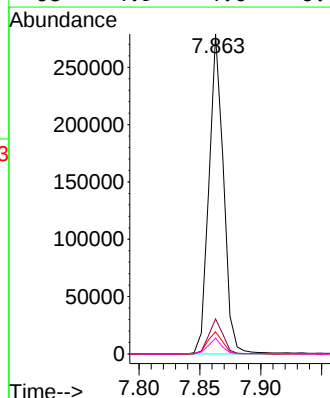
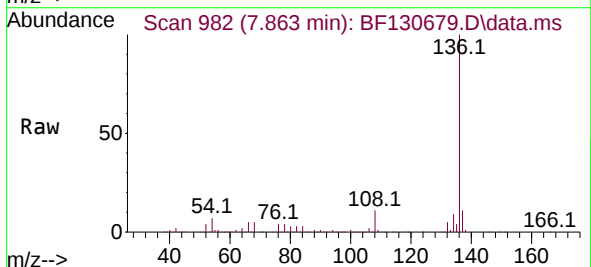
Instrument :
BNA_F
ClientSampleId :
EO-01-101322

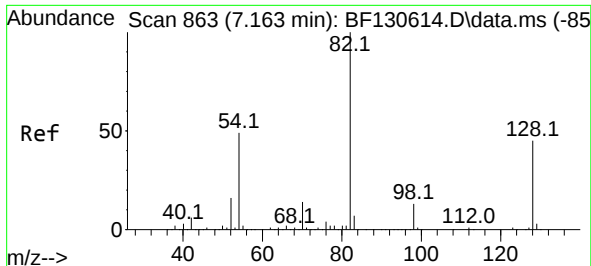
Tgt Ion: 99 Resp: 183480
Ion Ratio Lower Upper
99 100
42 17.2 14.0 21.0
71 35.8 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF130679.D
Acq: 14 Oct 2022 22:30

Tgt Ion: 136 Resp: 232692
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.9 5.5 8.3
68 4.9 4.0 6.0

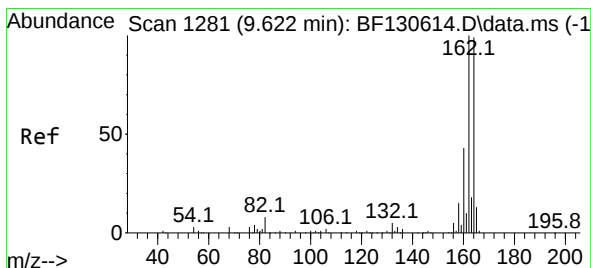
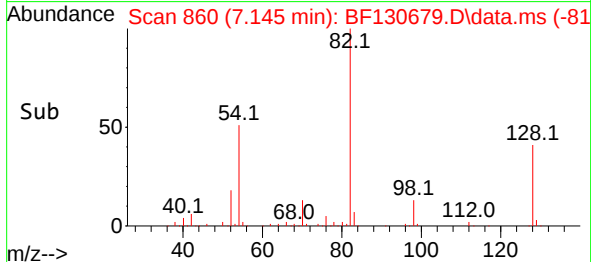
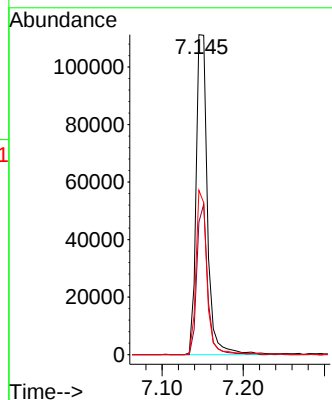
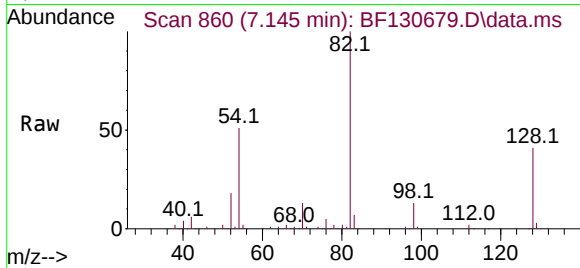




#23
Nitrobenzene-d5
Concen: 25.330 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF130679.D
Acq: 14 Oct 2022 22:30

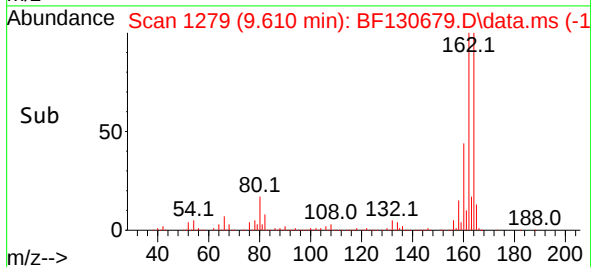
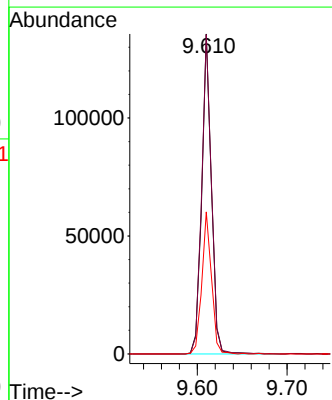
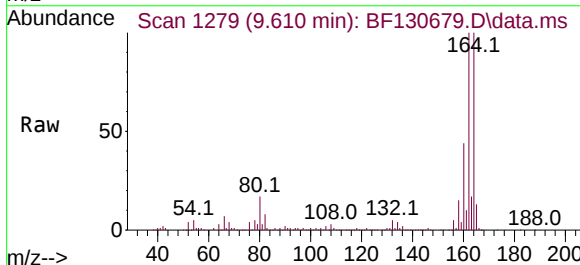
Instrument :
BNA_F
ClientSampleId :
EO-01-101322

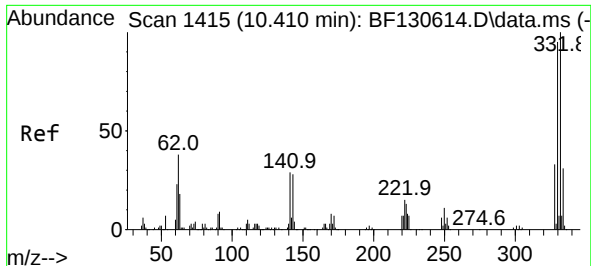
Tgt Ion: 82 Resp: 107968
Ion Ratio Lower Upper
82 100
128 41.4 35.8 53.6
54 51.3 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130679.D
Acq: 14 Oct 2022 22:30

Tgt Ion:164 Resp: 100749
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 44.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 38.663 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130679.D

Acq: 14 Oct 2022 22:30

Instrument :

BNA_F

ClientSampleId :

EO-01-101322

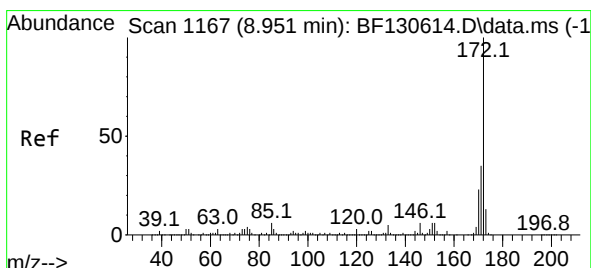
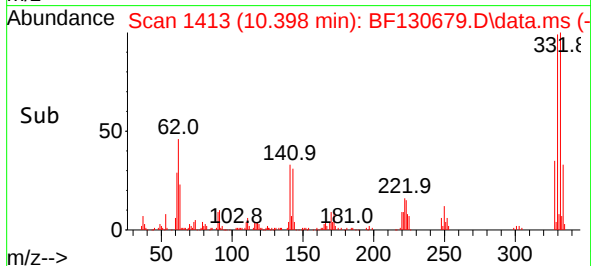
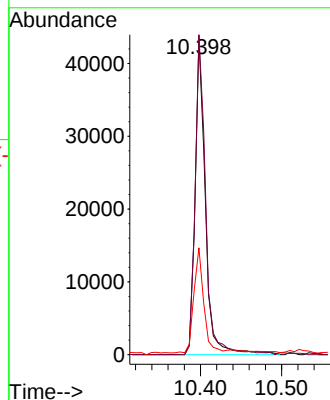
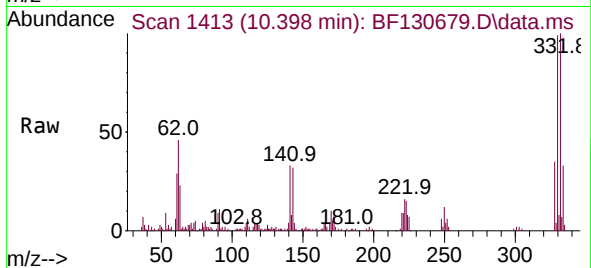
Tgt Ion:330 Resp: 38115

Ion Ratio Lower Upper

330 100

332 103.3 84.2 126.4

141 37.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 28.471 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130679.D

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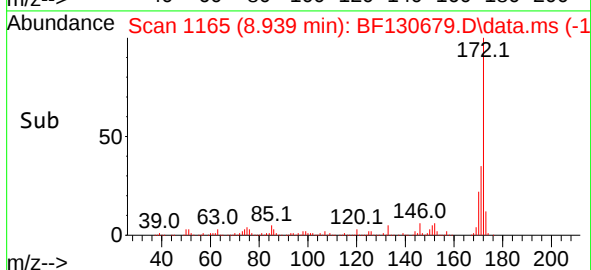
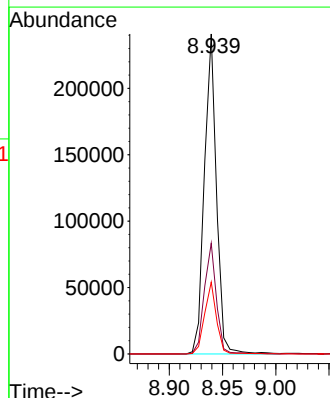
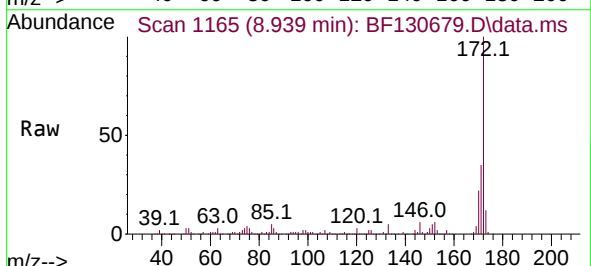
Tgt Ion:172 Resp: 189365

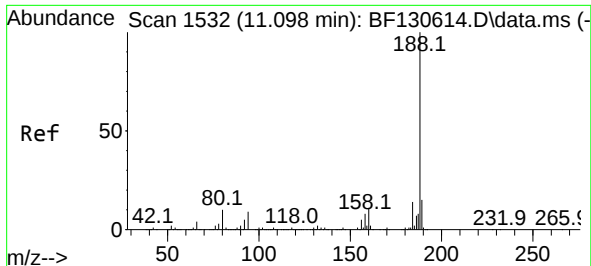
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 22.4 18.6 27.8

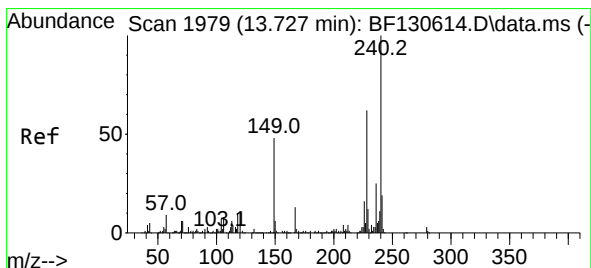
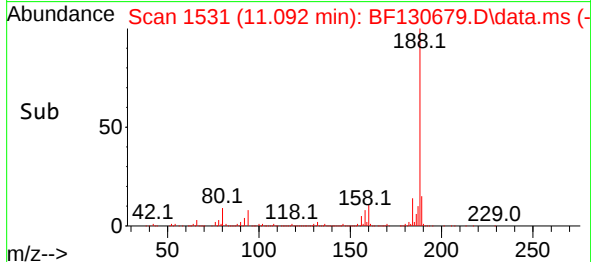
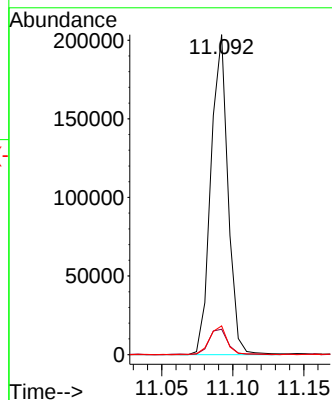
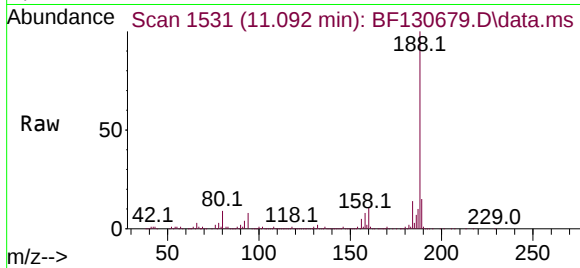




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130679.D
Acq: 14 Oct 2022 22:30

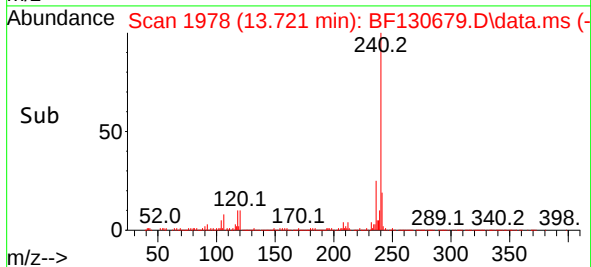
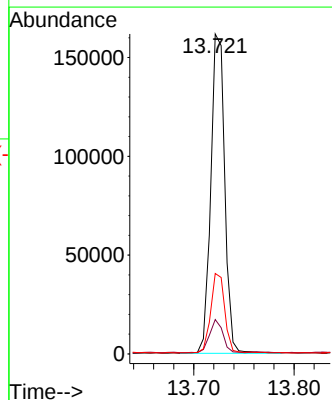
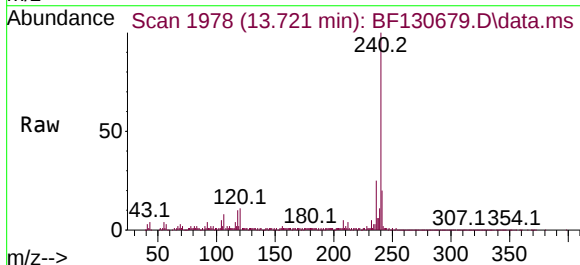
Instrument :
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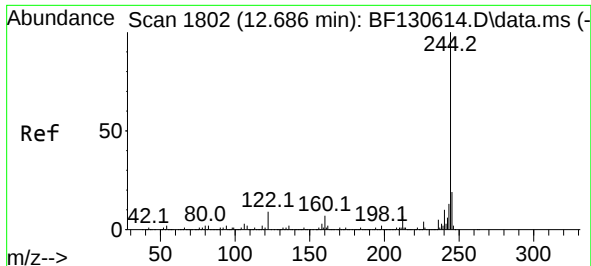
Tgt Ion:188 Resp: 170015
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 9.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130679.D
Acq: 14 Oct 2022 22:30

Tgt Ion:240 Resp: 155859
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 25.1 20.2 30.4

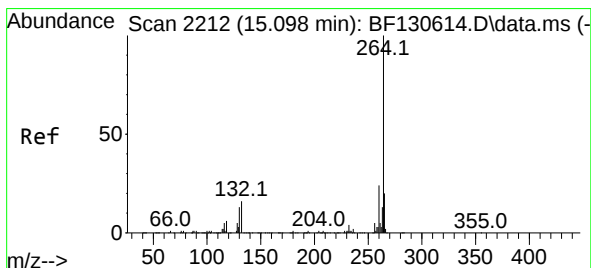
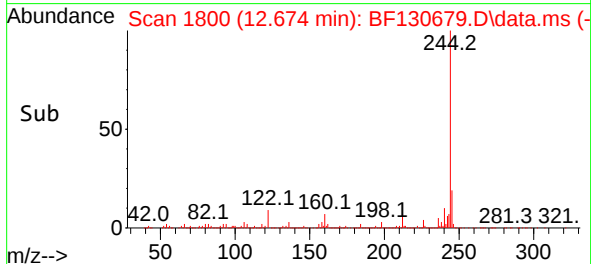
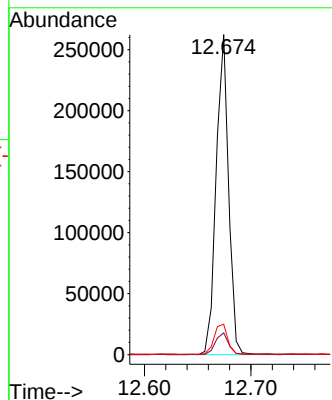
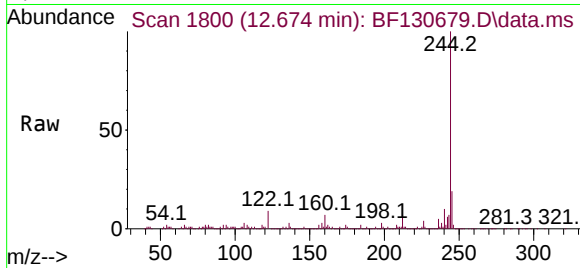




#79
 Terphenyl-d14
 Concen: 22.685 ng
 RT: 12.674 min Scan# 1800
 Delta R.T. -0.012 min
 Lab File: BF130679.D
 Acq: 14 Oct 2022 22:30

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-101322

Tgt Ion:244 Resp: 213026
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.5 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.104 min Scan# 2213
 Delta R.T. 0.006 min
 Lab File: BF130679.D
 Acq: 14 Oct 2022 22:30

Tgt Ion:264 Resp: 107990
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 22.0 16.4 24.6

