

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134311.D
 Acq On : 15 Jul 2023 03:09
 Operator : CG\JU
 Sample : 03597-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-46-(0-2)

Quant Time: Jul 15 04:35:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	84840	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	318523	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	153630	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	284581	20.000	ng	0.00
76) Chrysene-d12	14.033	240	194252	20.000	ng	0.00
86) Perylene-d12	15.539	264	154161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	395293	77.939	ng	0.00
7) Phenol-d6	6.475	99	478984	76.793	ng	-0.01
23) Nitrobenzene-d5	7.404	82	321274	54.371	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	153562	79.722	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	562897	53.270	ng	0.00
79) Terphenyl-d14	12.968	244	503965	41.755	ng	0.00

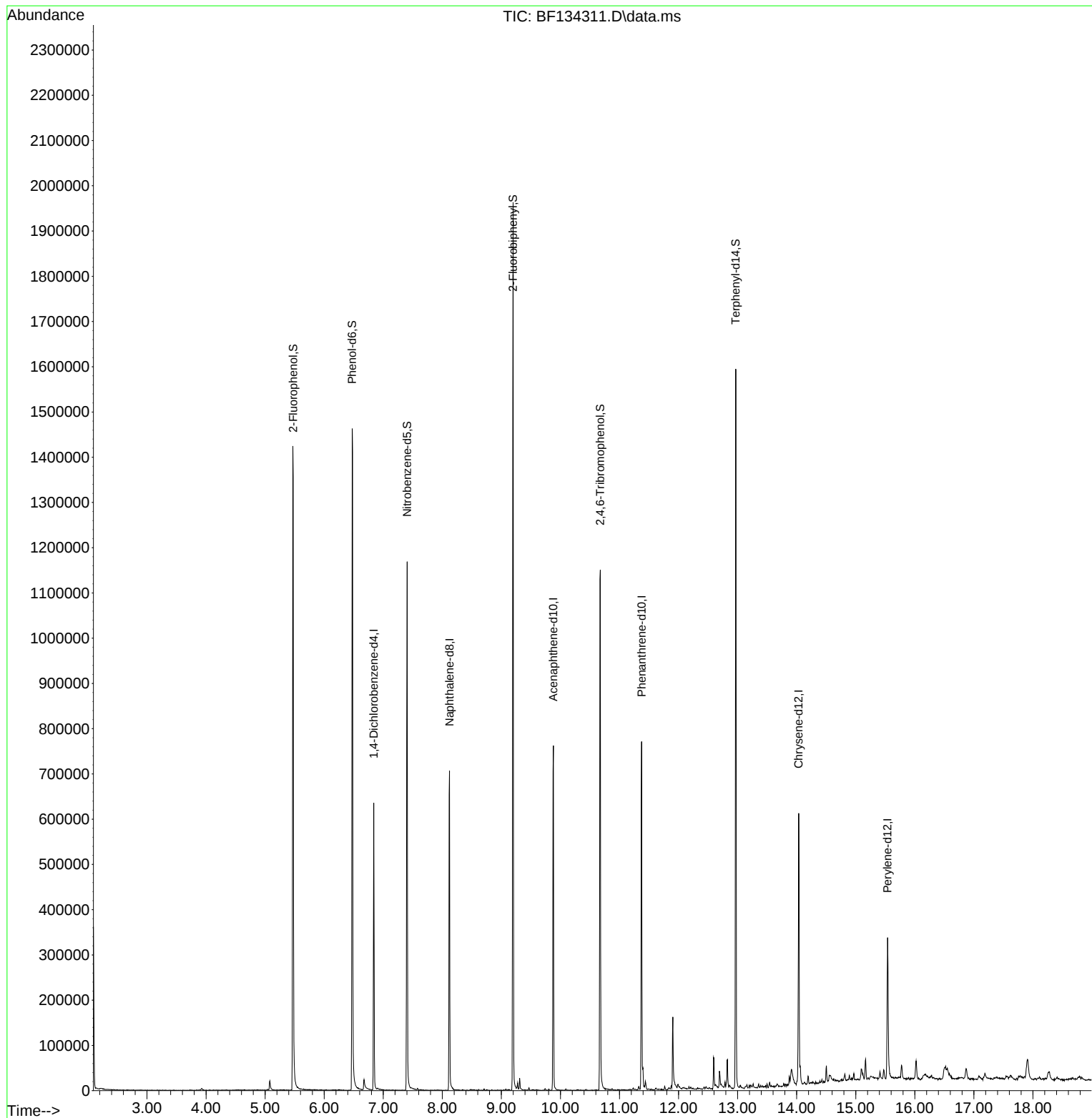
Target Compounds	Qvalue

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

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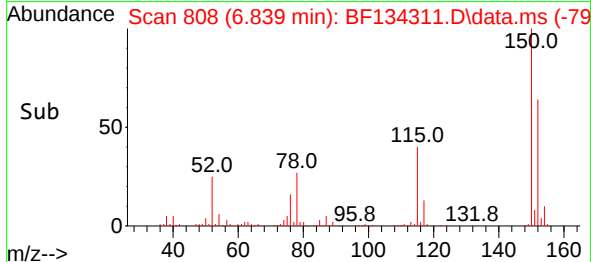
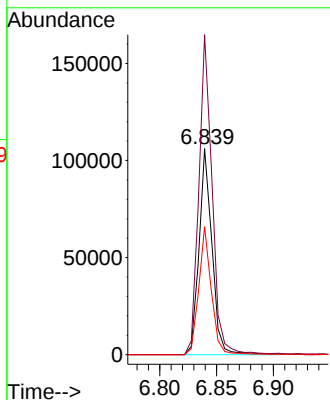
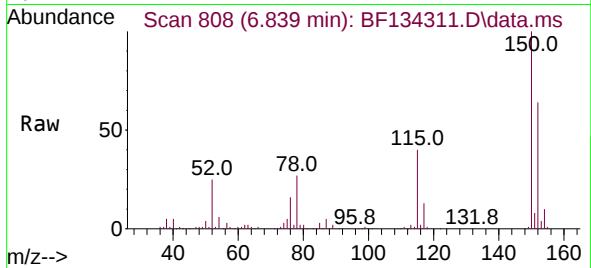




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

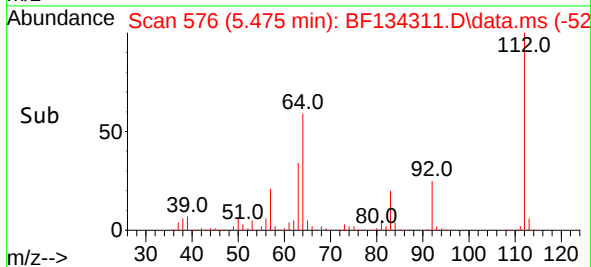
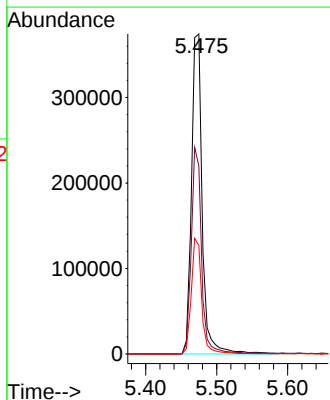
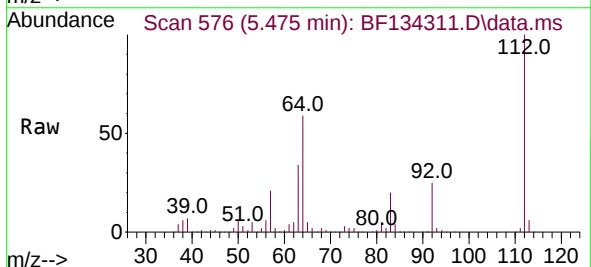
Instrument :
BNA_F
ClientSampleId :
RB-46-(0-2)

Tgt Ion:152 Resp: 84840
Ion Ratio Lower Upper
152 100
150 155.3 124.5 186.7
115 62.1 50.2 75.2



#5
2-Fluorophenol
Concen: 77.939 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion:112 Resp: 395293
Ion Ratio Lower Upper
112 100
64 58.8 52.1 78.1
63 33.9 28.6 42.8

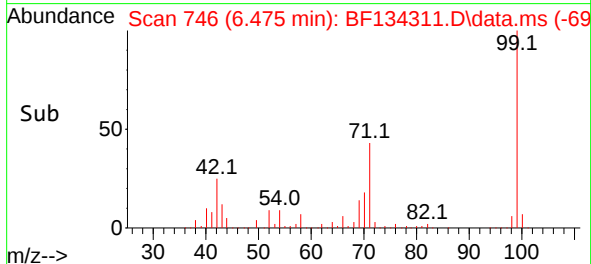
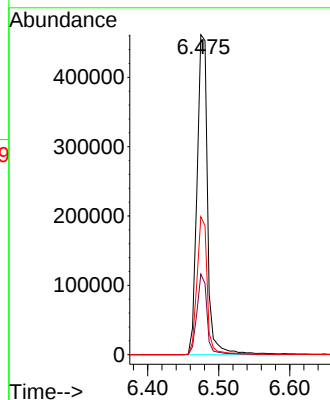
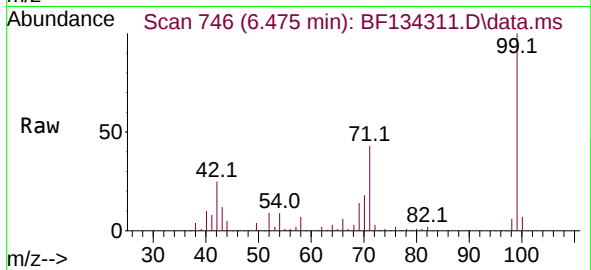




#7
Phenol-d6
Concen: 76.793 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

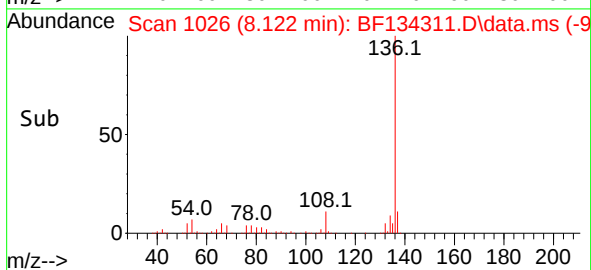
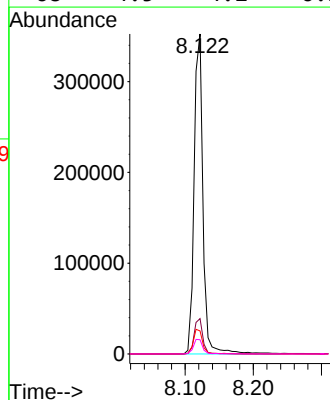
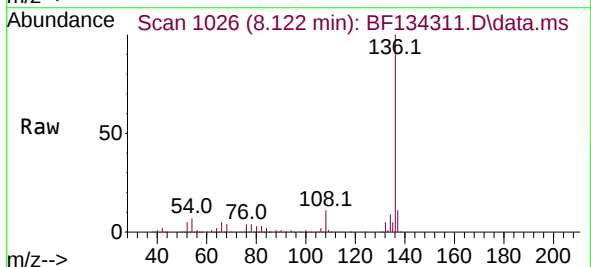
Instrument :
BNA_F
ClientSampleId :
RB-46-(0-2)

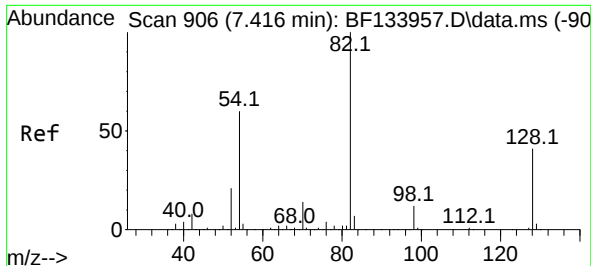
Tgt Ion: 99 Resp: 478984
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 43.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion: 136 Resp: 318523
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.2 6.5 9.7
68 4.5 4.2 6.2

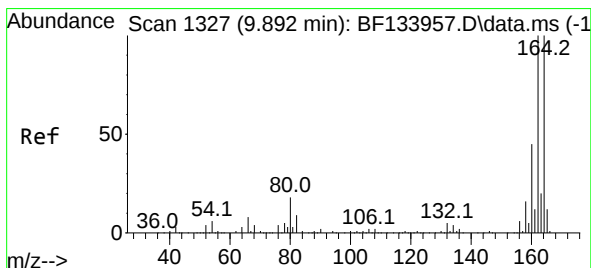
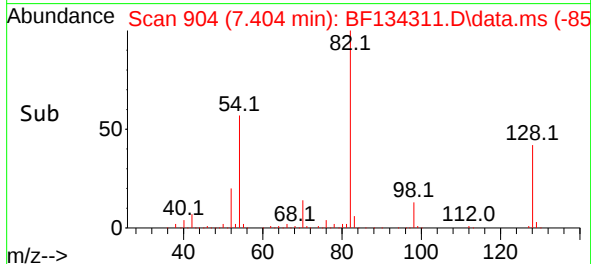
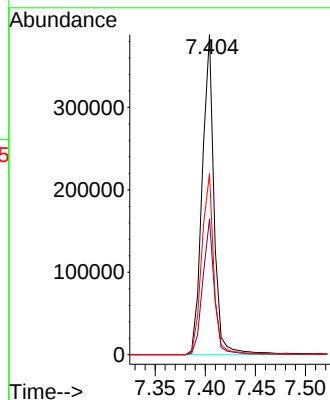
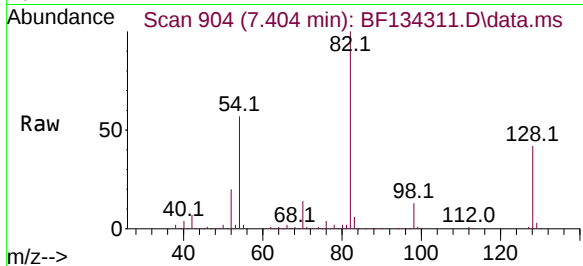




#23
 Nitrobenzene-d5
 Concen: 54.371 ng
 RT: 7.404 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: BF134311.D
 Acq: 15 Jul 2023 03:09

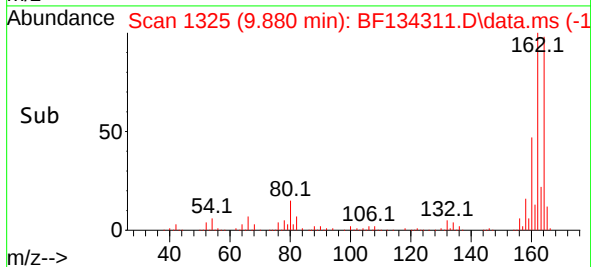
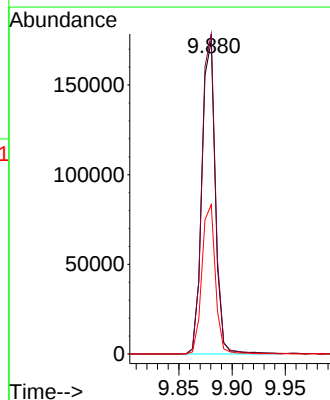
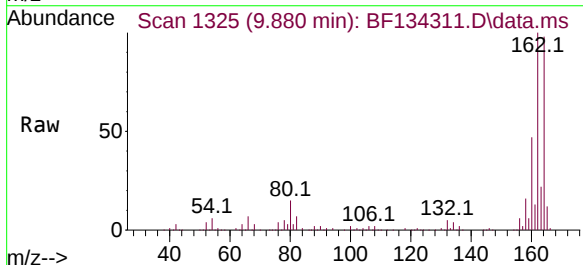
Instrument :
 BNA_F
 ClientSampleId :
 RB-46-(0-2)

Tgt Ion: 82 Resp: 321274
 Ion Ratio Lower Upper
 82 100
 128 42.4 32.5 48.7
 54 56.6 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. 0.000 min
 Lab File: BF134311.D
 Acq: 15 Jul 2023 03:09

Tgt Ion:164 Resp: 153630
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.0 120.0
 160 47.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 79.722 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF134311.D

Acq: 15 Jul 2023 03:09

Instrument :

BNA_F

ClientSampleId :

RB-46-(0-2)

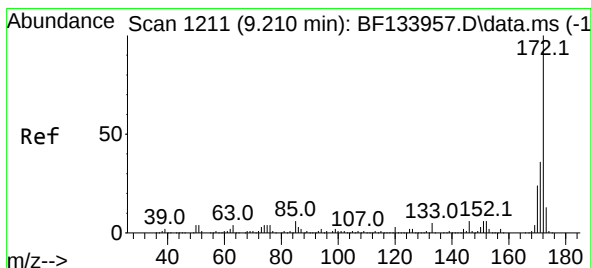
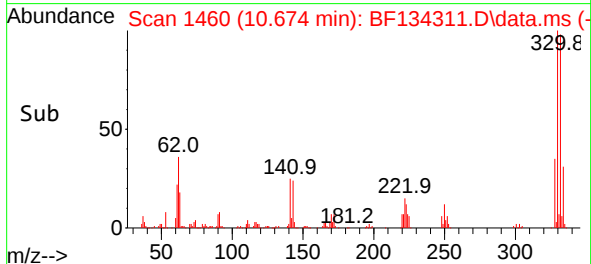
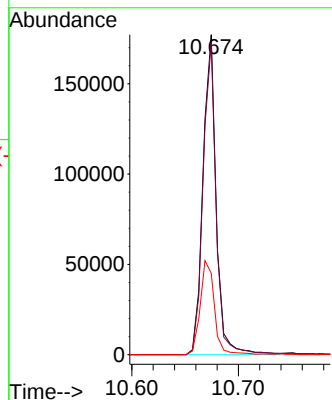
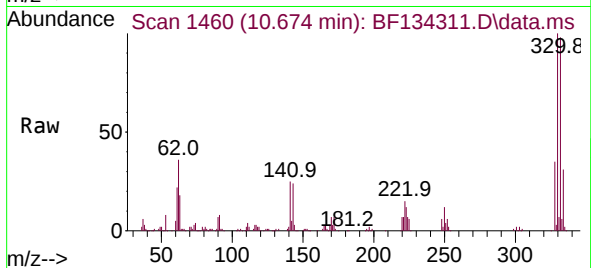
Tgt Ion:330 Resp: 153562

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 31.8 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 53.270 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134311.D

Acq: 15 Jul 2023 03:09

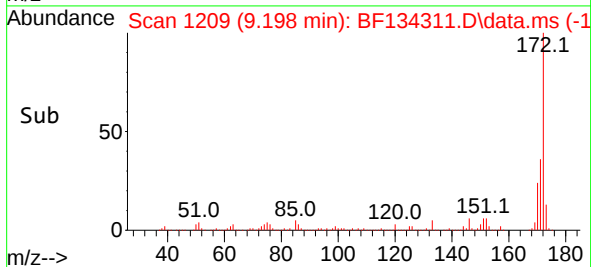
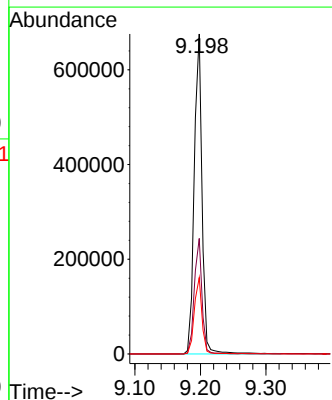
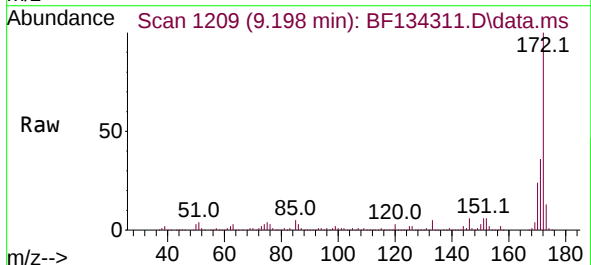
Tgt Ion:172 Resp: 562897

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.4 29.0

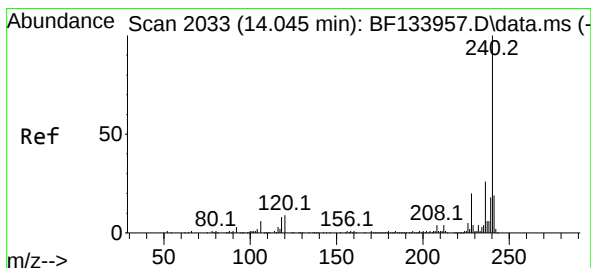
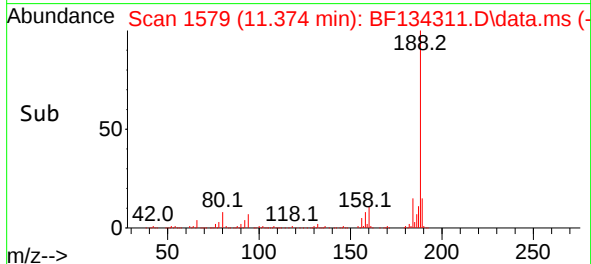
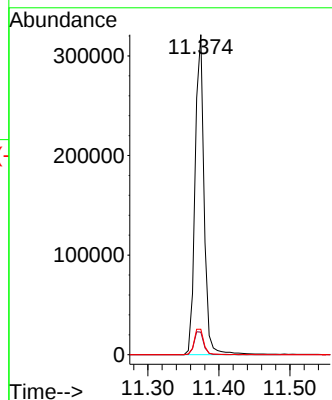
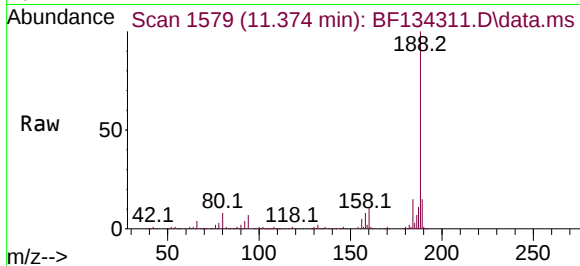




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

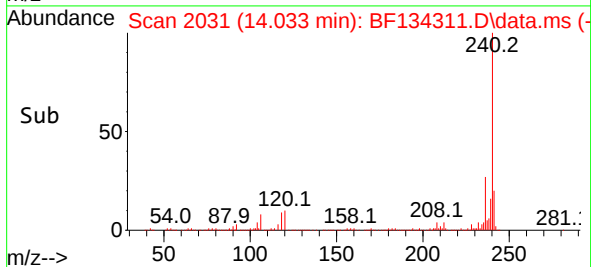
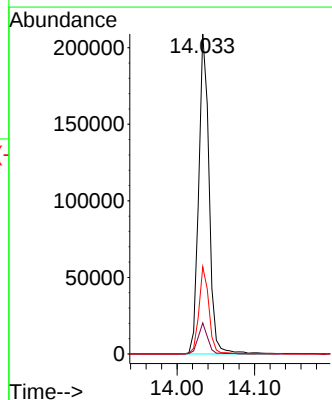
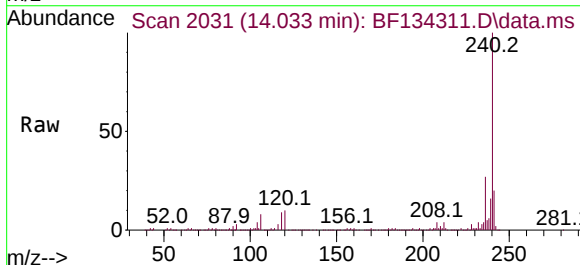
Instrument :
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RB-46-(0-2)

Tgt Ion:188 Resp: 284581
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 8.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134311.D
Acq: 15 Jul 2023 03:09

Tgt Ion:240 Resp: 194252
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 27.3 21.0 31.6

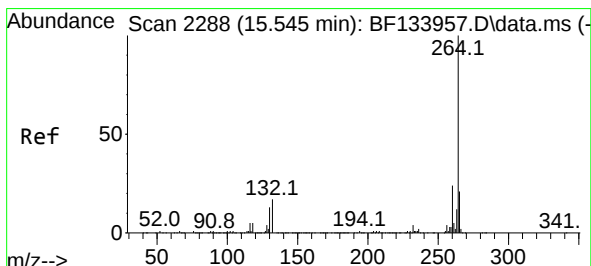
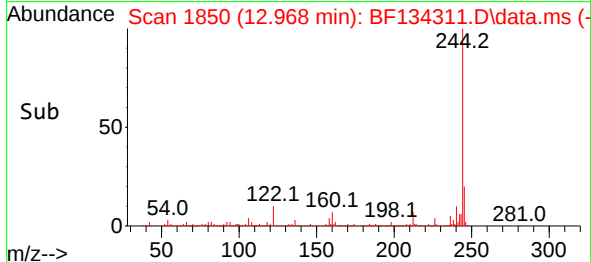
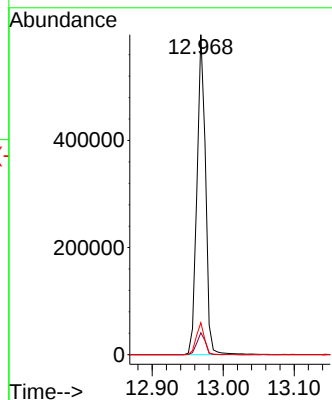
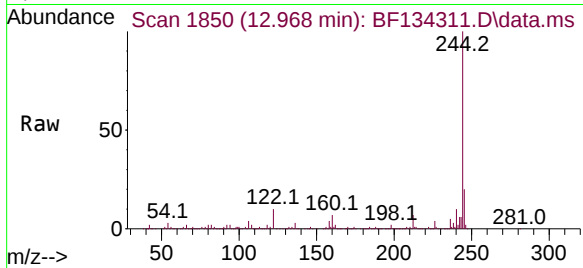




#79
 Terphenyl-d14
 Concen: 41.755 ng
 RT: 12.968 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134311.D
 Acq: 15 Jul 2023 03:09

Instrument :
 BNA_F
 ClientSampleId :
 RB-46-(0-2)

Tgt Ion:244 Resp: 503965
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134311.D
 Acq: 15 Jul 2023 03:09

Tgt Ion:264 Resp: 154161
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.5 29.3
 265 21.4 16.6 25.0

