

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131951.D
 Acq On : 06 Jan 2023 20:40
 Operator : CG\JU
 Sample : 01043-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-202

Quant Time: Jan 07 00:25:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	57391	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	201656	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	102297	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	171483	20.000	ng	0.00
76) Chrysene-d12	13.992	240	132453	20.000	ng	0.00
86) Perylene-d12	15.468	264	97783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	490149	141.535	ng	0.02
7) Phenol-d6	6.440	99	579350	127.334	ng	0.00
23) Nitrobenzene-d5	7.369	82	478198	94.678	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	112012	100.779	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	797970	106.846	ng	0.00
79) Terphenyl-d14	12.939	244	788015	100.635	ng	0.00

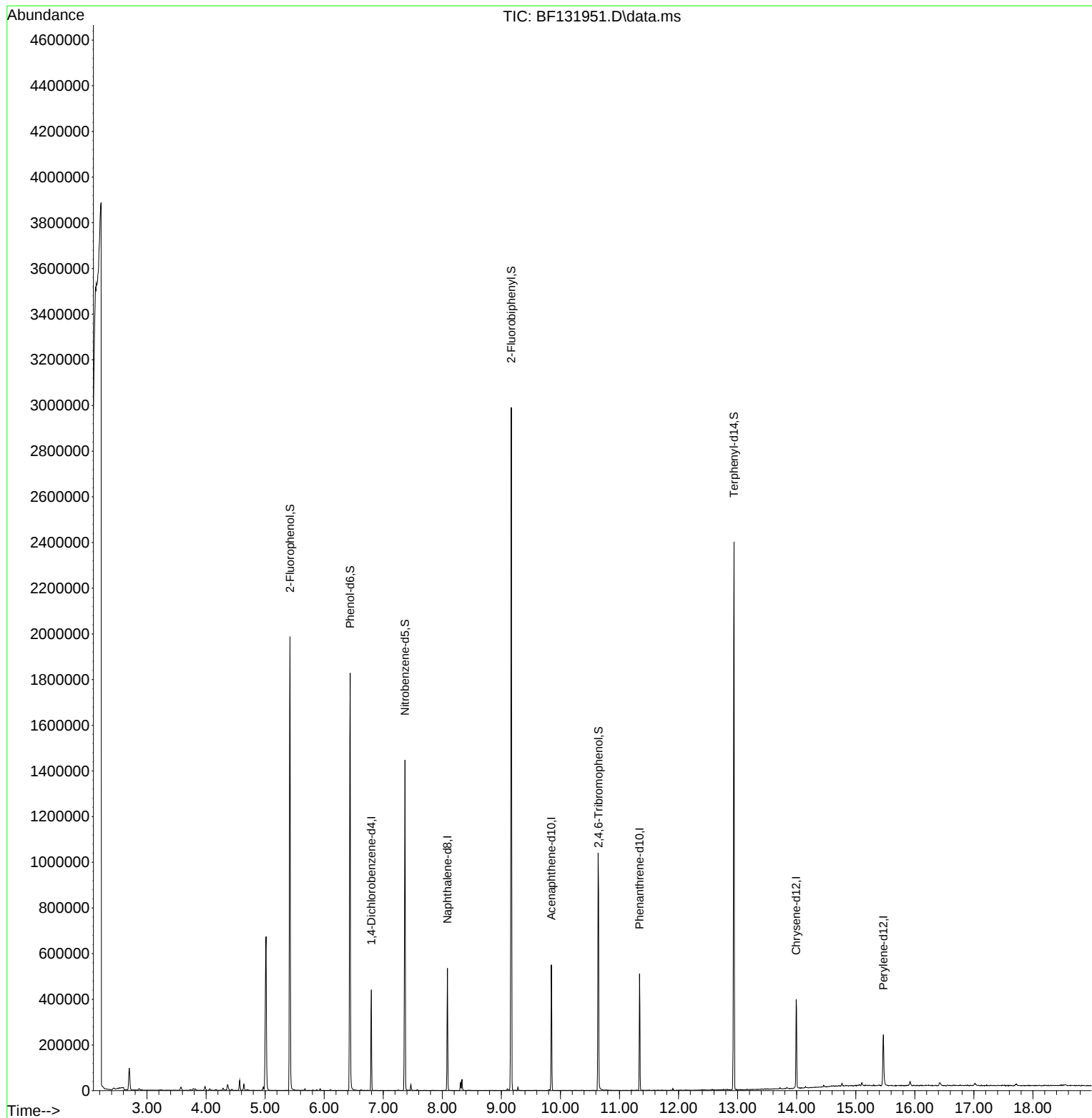
Target Compounds	Qvalue

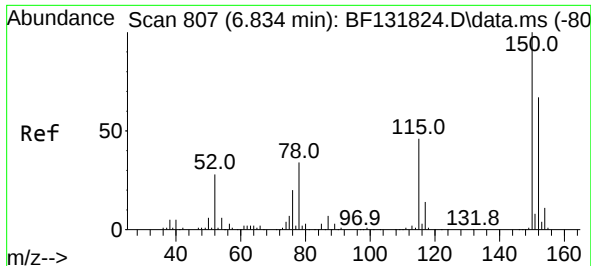
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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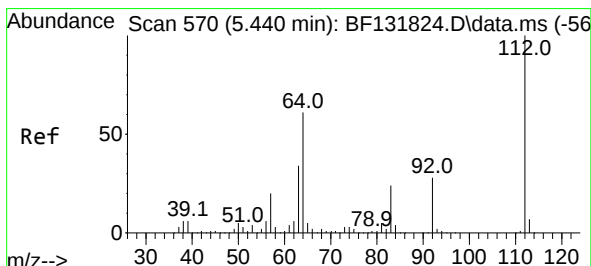
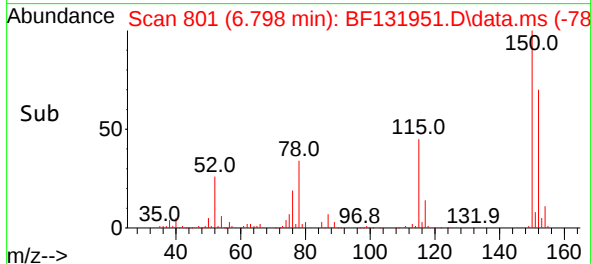
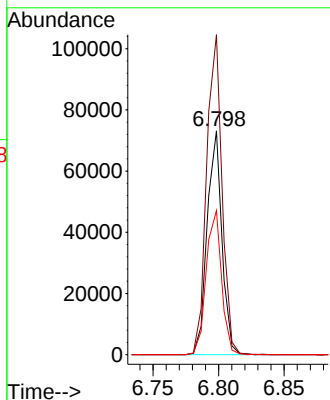
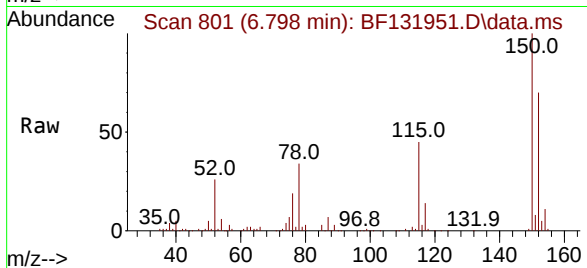




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: BF131951.D
 Acq: 06 Jan 2023 20:40

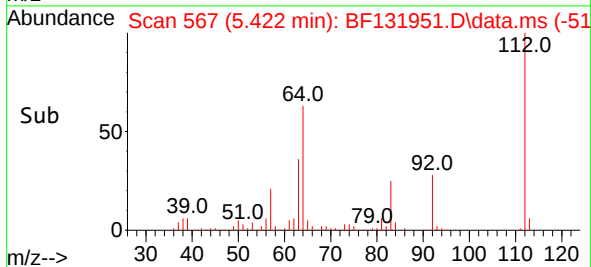
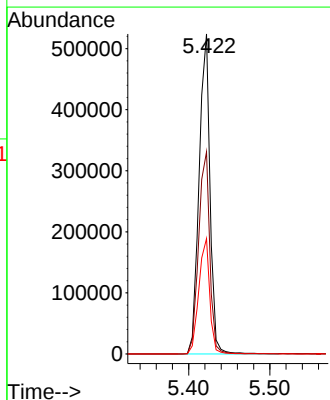
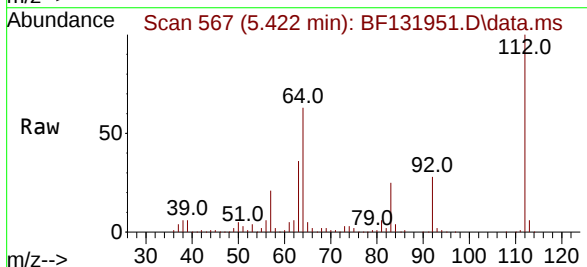
Instrument :
 BNA_F
 ClientSampleId :
 TP-202

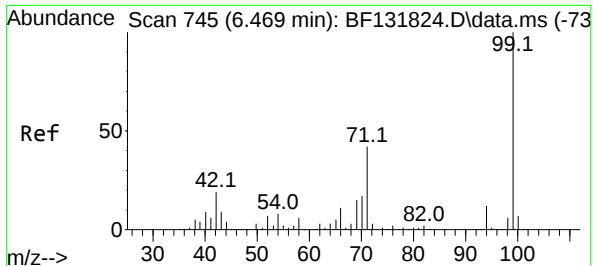
Tgt Ion:152 Resp: 57391
 Ion Ratio Lower Upper
 152 100
 150 142.9 120.0 180.0
 115 64.3 55.1 82.7



#5
 2-Fluorophenol
 Concen: 141.535 ng
 RT: 5.422 min Scan# 567
 Delta R.T. 0.024 min
 Lab File: BF131951.D
 Acq: 06 Jan 2023 20:40

Tgt Ion:112 Resp: 490149
 Ion Ratio Lower Upper
 112 100
 64 63.2 49.2 73.8
 63 36.0 27.5 41.3

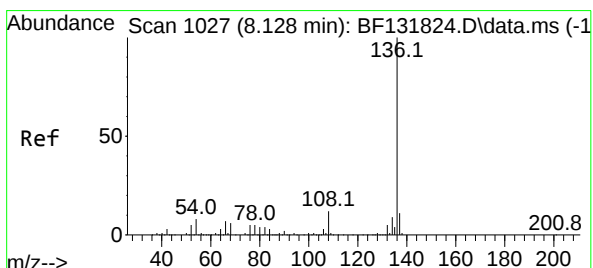
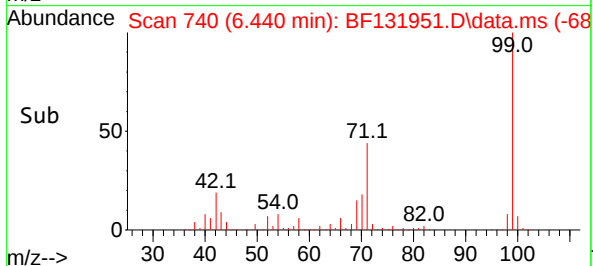
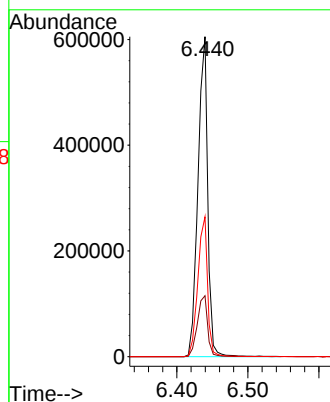
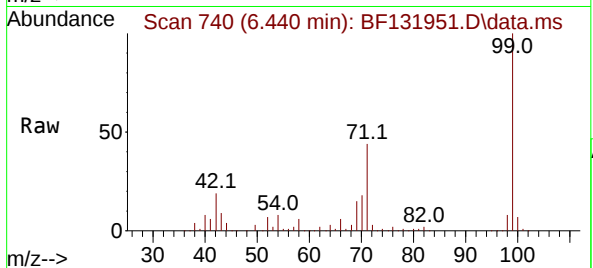




#7
Phenol-d6
Concen: 127.334 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

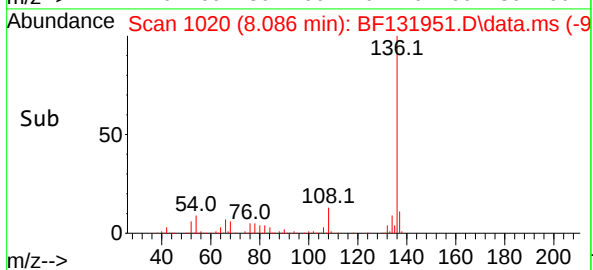
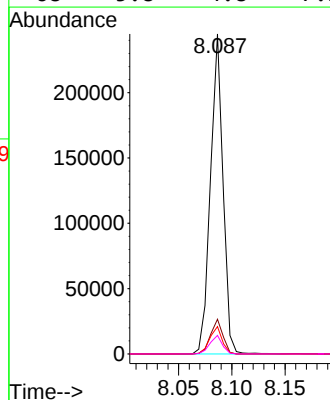
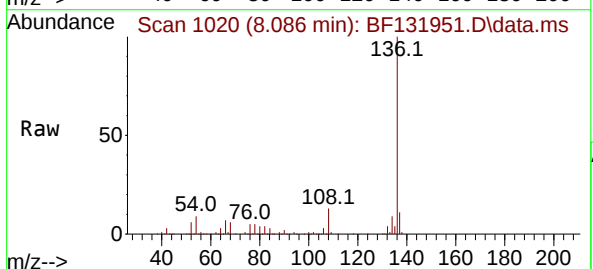
Instrument :
BNA_F
ClientSampleId :
TP-202

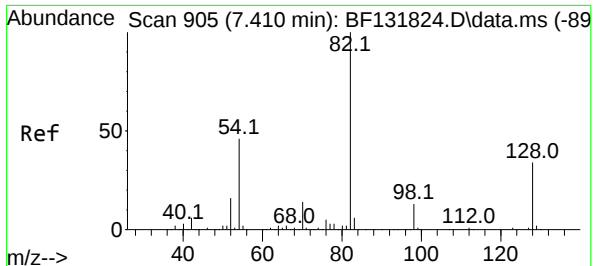
Tgt Ion: 99 Resp: 579350
Ion Ratio Lower Upper
99 100
42 19.0 15.3 22.9
71 43.7 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

Tgt Ion: 136 Resp: 201656
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.5 6.7 10.1
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.678 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

Instrument :

BNA_F

ClientSampleId :

TP-202

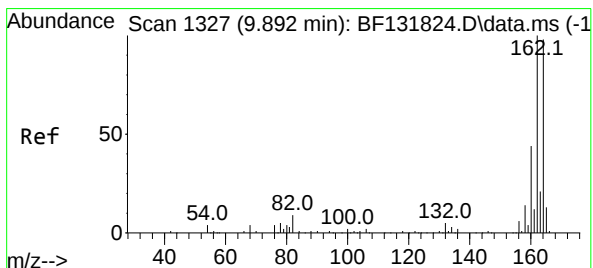
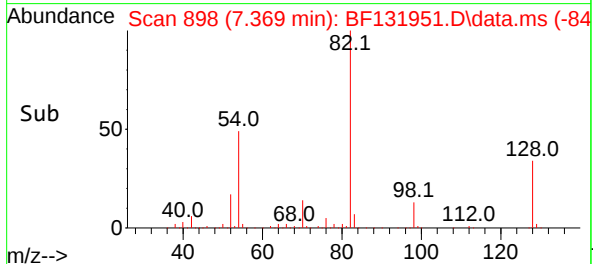
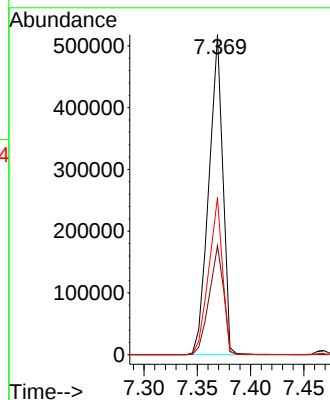
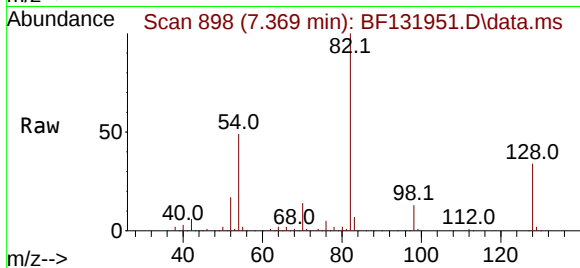
Tgt Ion: 82 Resp: 478198

Ion Ratio Lower Upper

82 100

128 34.1 27.1 40.7

54 49.1 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

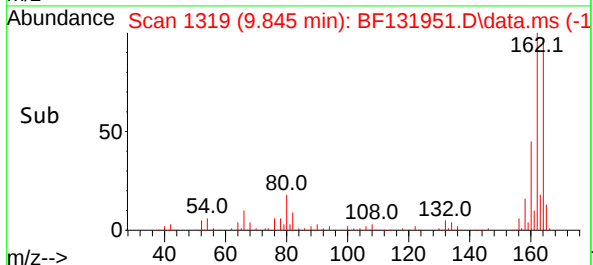
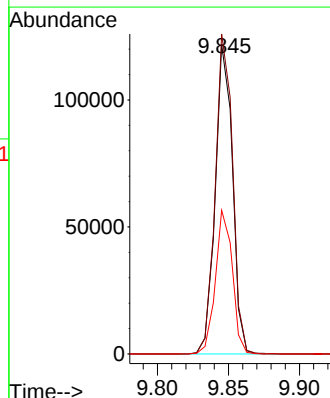
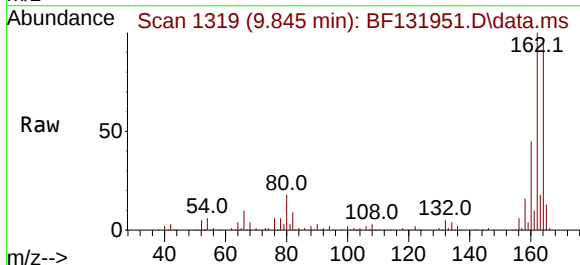
Tgt Ion:164 Resp: 102297

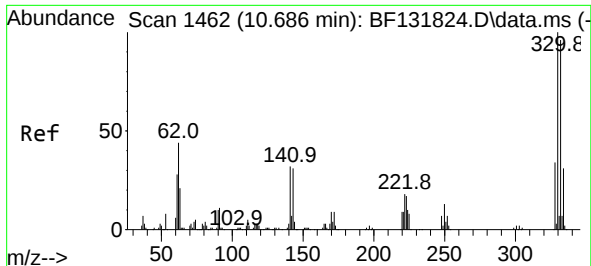
Ion Ratio Lower Upper

164 100

162 103.3 81.8 122.6

160 46.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 100.779 ng

RT: 10.645 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

Instrument :

BNA_F

ClientSampleId :

TP-202

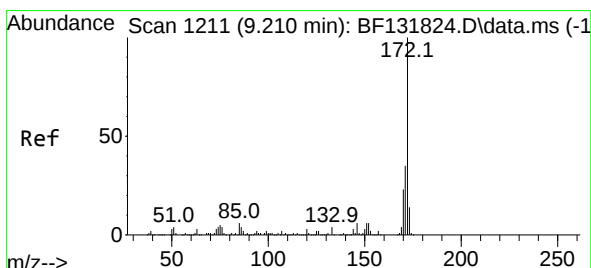
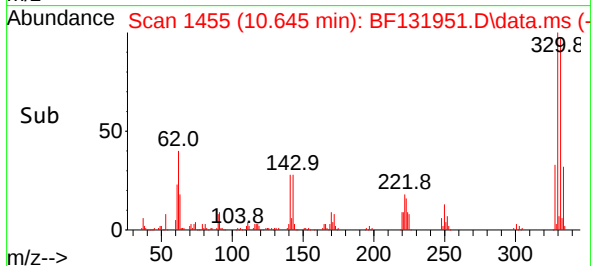
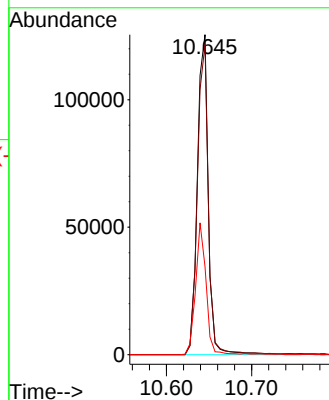
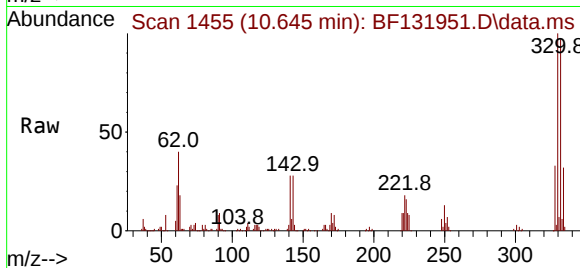
Tgt Ion:330 Resp: 112012

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.4

141 39.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 106.846 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF131951.D

Acq: 06 Jan 2023 20:40

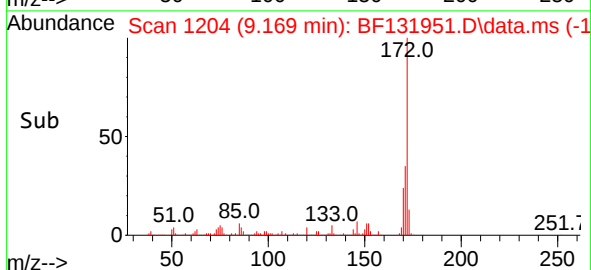
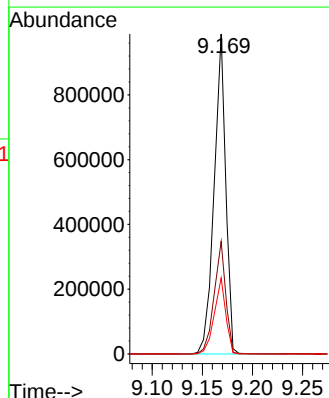
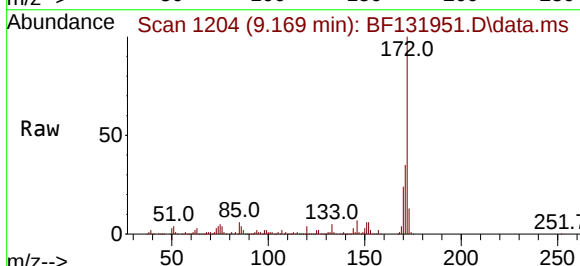
Tgt Ion:172 Resp: 797970

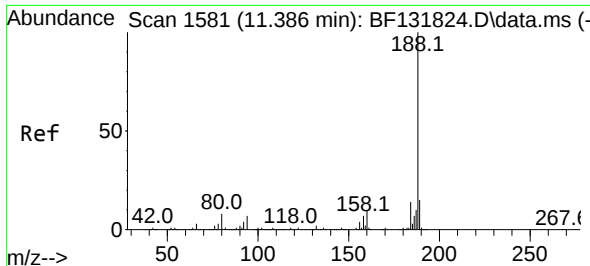
Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.8 18.7 28.1

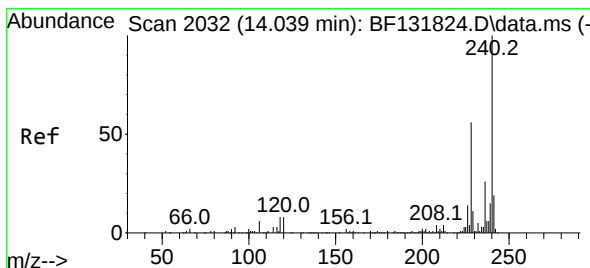
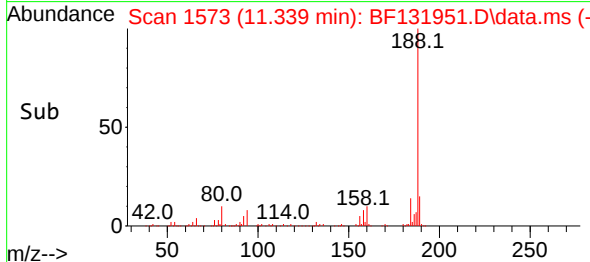
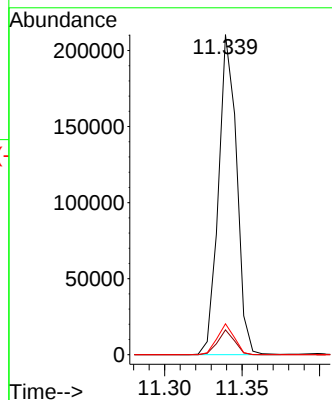
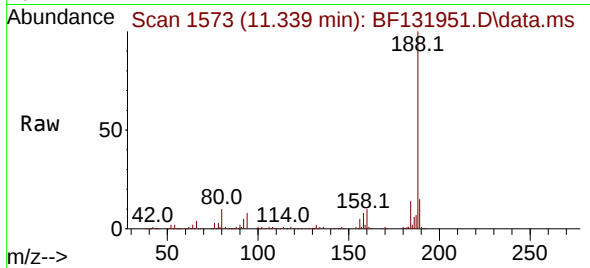




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

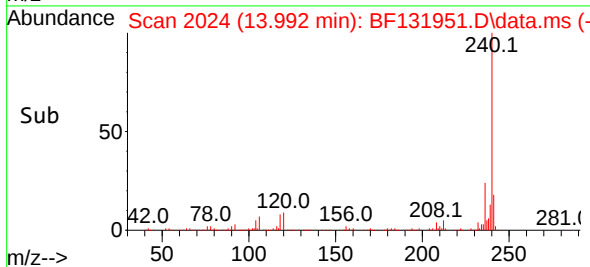
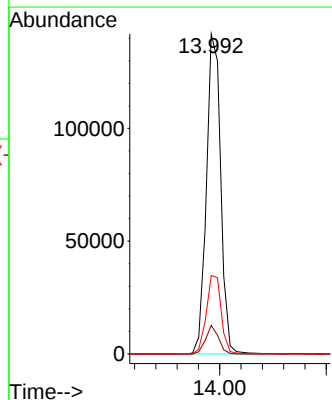
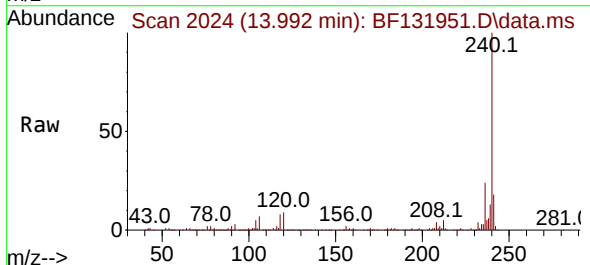
Instrument :
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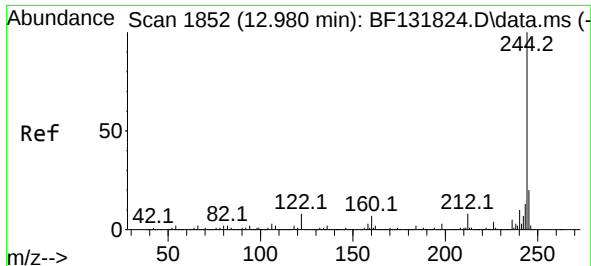
Tgt Ion:188 Resp: 171483
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 9.7 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF131951.D
Acq: 06 Jan 2023 20:40

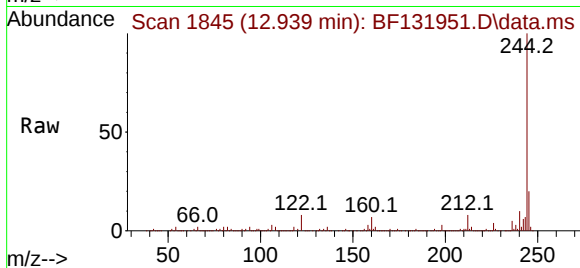
Tgt Ion:240 Resp: 132453
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 24.5 20.6 31.0



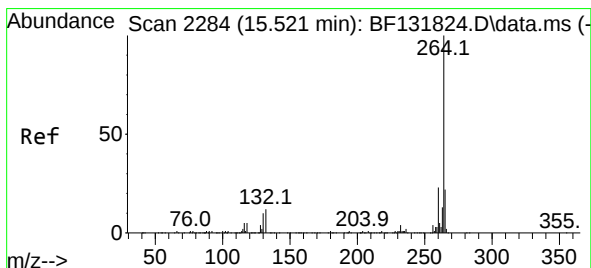
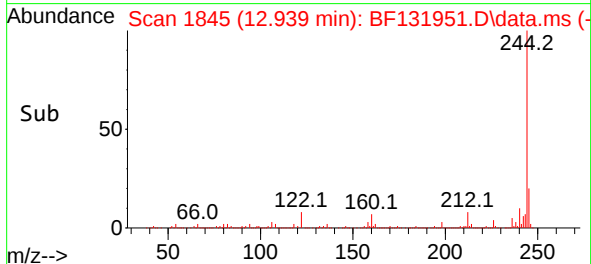
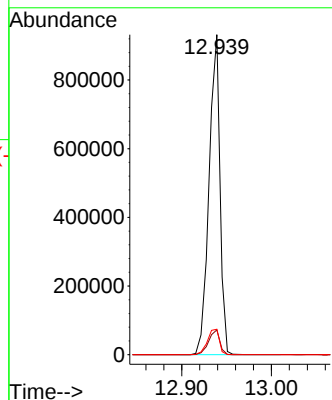


#79
 Terphenyl-d14
 Concen: 100.635 ng
 RT: 12.939 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131951.D
 Acq: 06 Jan 2023 20:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-202



Tgt Ion:244 Resp: 788015
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF131951.D
 Acq: 06 Jan 2023 20:40

Tgt Ion:264 Resp: 97783
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.5 17.4 26.0

