

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131846.D
 Acq On : 27 Dec 2022 20:03
 Operator : CG\JU
 Sample : N6208-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322

Quant Time: Dec 28 00:39:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	69657	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	245110	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	132855	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	220052	20.000	ng	#-0.01
76) Chrysene-d12	14.028	240	134751	20.000	ng	-0.01
86) Perylene-d12	15.516	264	148113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	446596	106.250	ng	0.00
7) Phenol-d6	6.463	99	582333	105.451	ng	0.00
23) Nitrobenzene-d5	7.399	82	413454	67.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	138040	95.630	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	680872	70.198	ng	0.00
79) Terphenyl-d14	12.975	244	555824	69.772	ng	0.00

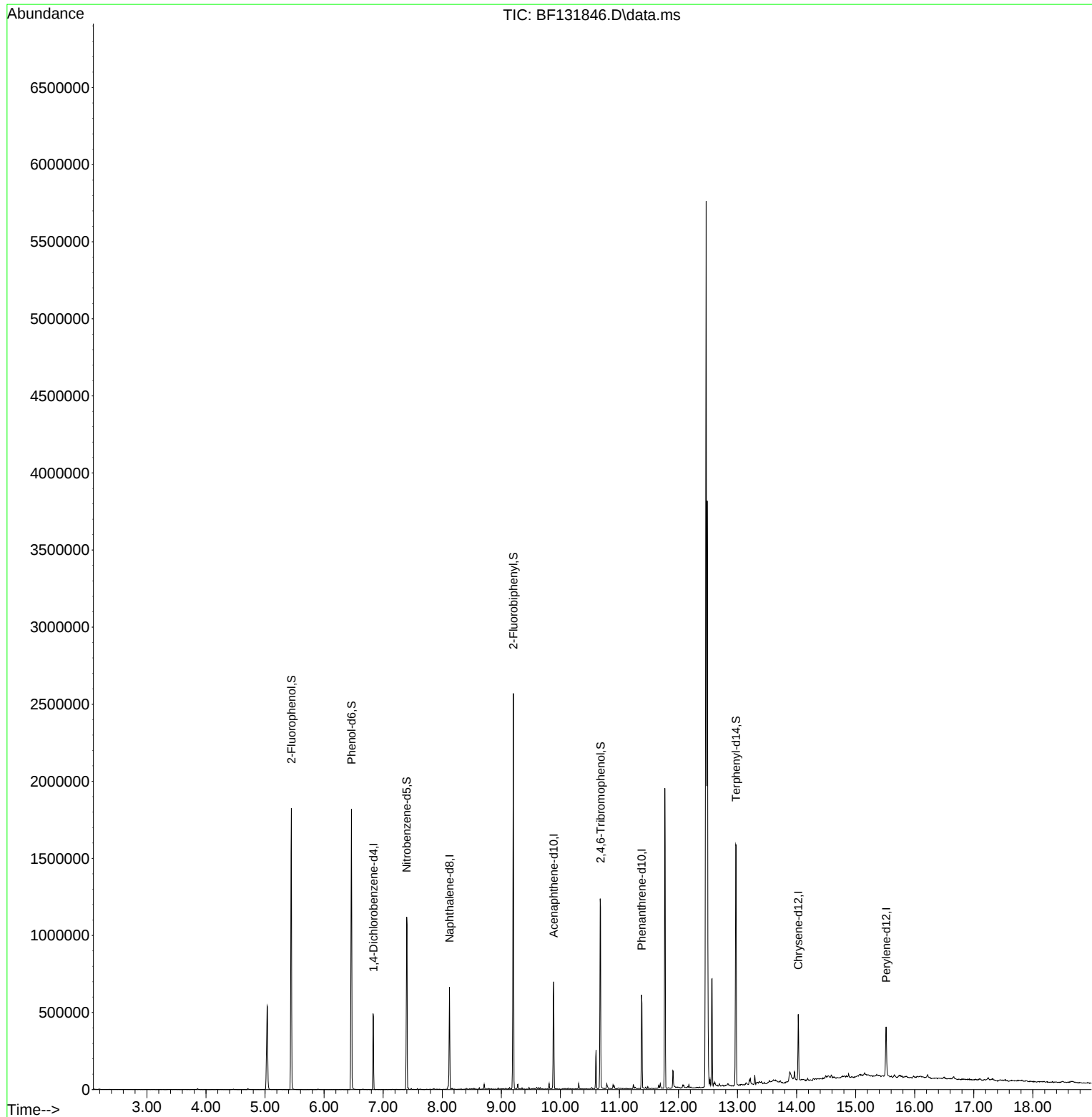
Target Compounds Qvalue

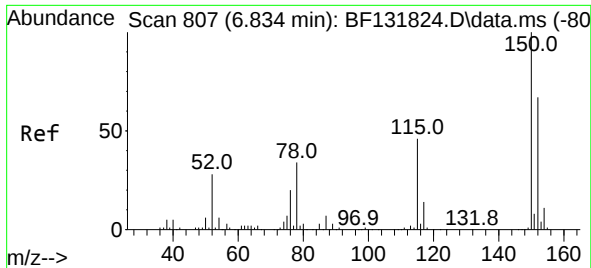
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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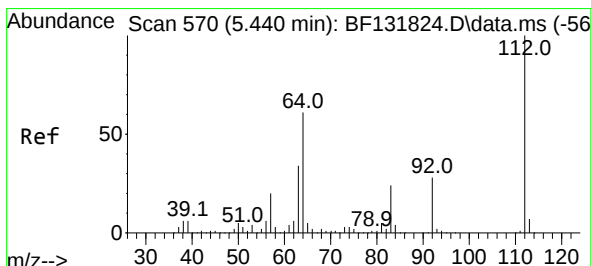
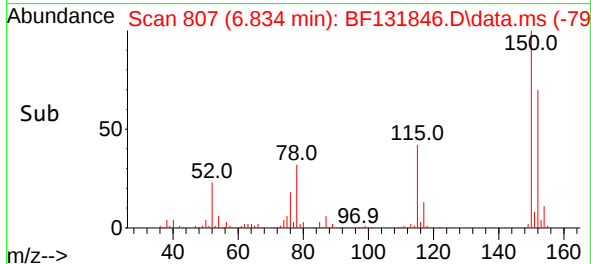
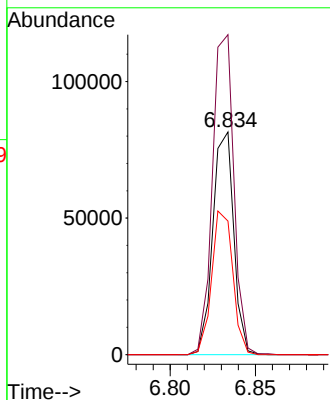
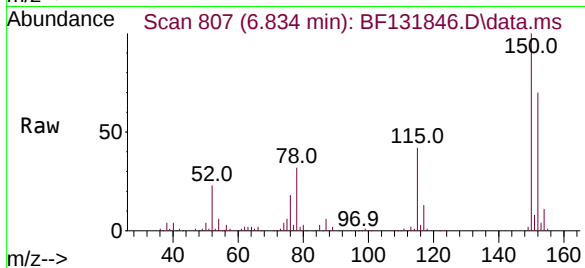




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

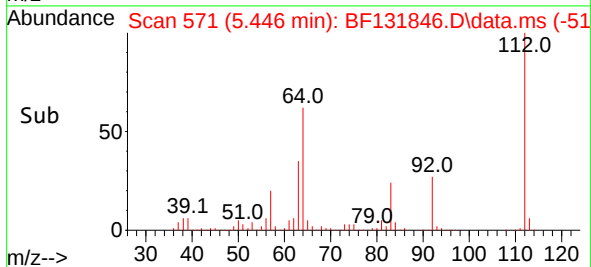
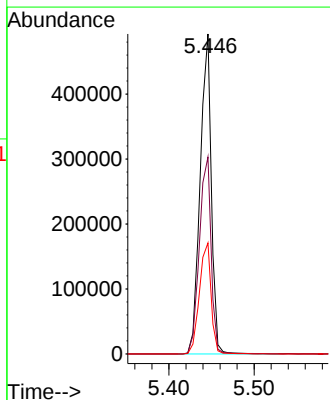
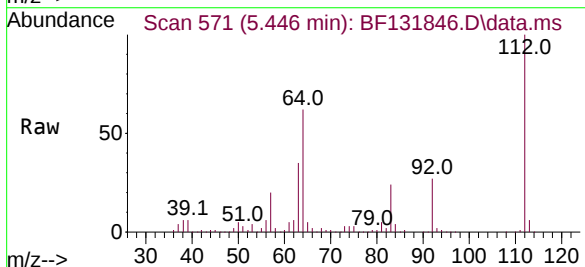
Instrument :
BNA_F
ClientSampleId :
HD-01-122322

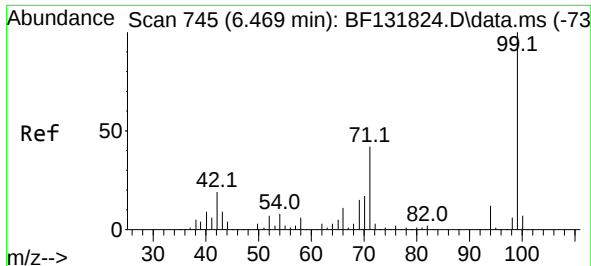
Tgt Ion:152 Resp: 69657
Ion Ratio Lower Upper
152 100
150 143.8 120.0 180.0
115 60.0 55.1 82.7



#5
2-Fluorophenol
Concen: 106.250 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

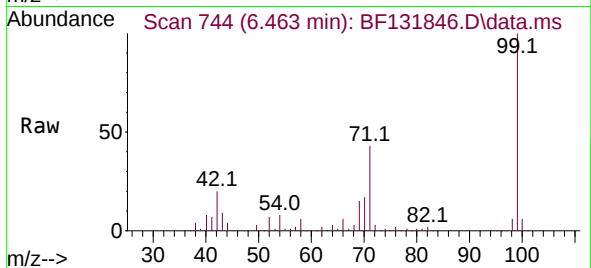
Tgt Ion:112 Resp: 446596
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 34.7 27.5 41.3





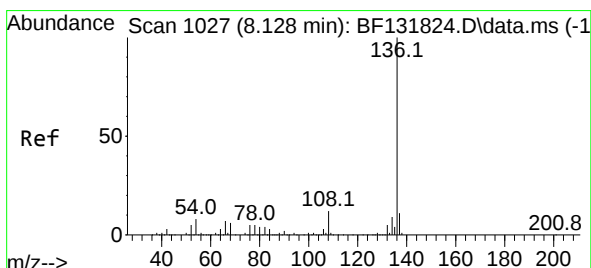
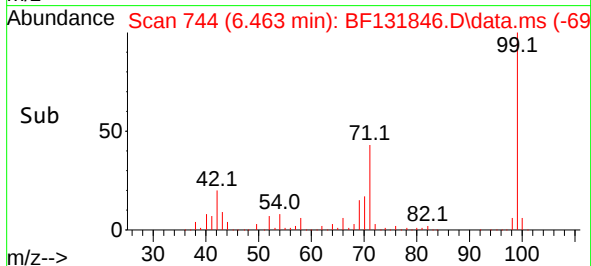
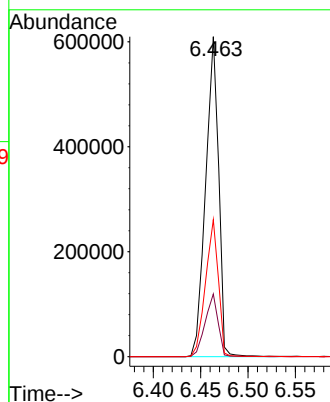
#7
Phenol-d6
Concen: 105.451 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Instrument :
BNA_F
ClientSampleId :
HD-01-122322



Tgt Ion: 99 Resp: 582333

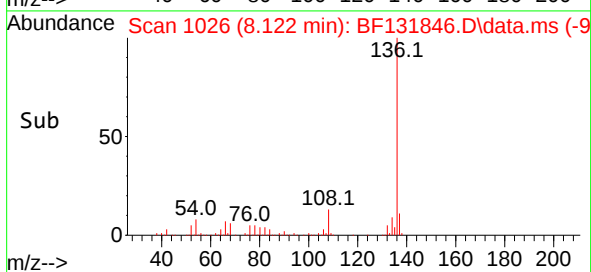
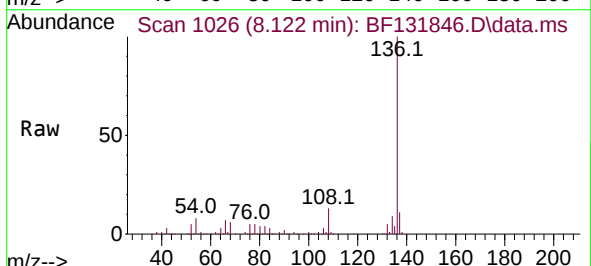
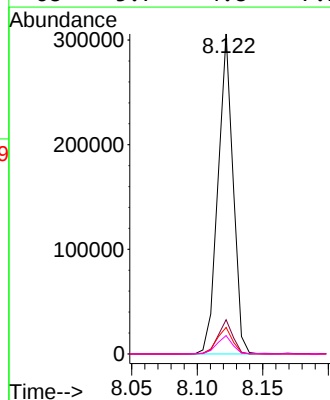
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.3	22.9
71	42.8	33.5	50.3

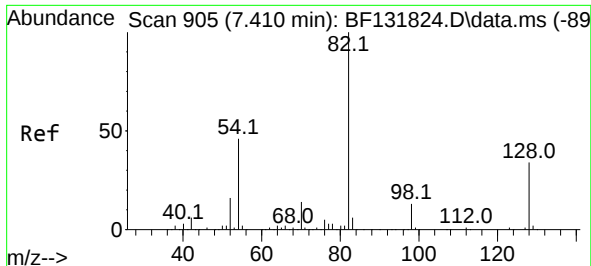


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion: 136 Resp: 245110

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.3	6.7	10.1
68	5.7	4.8	7.2

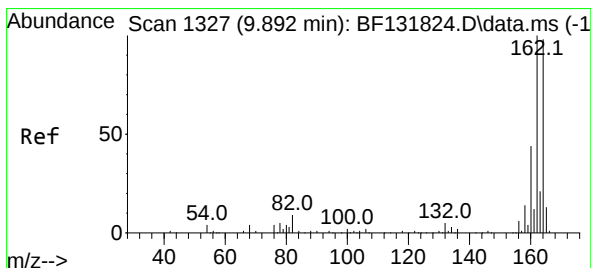
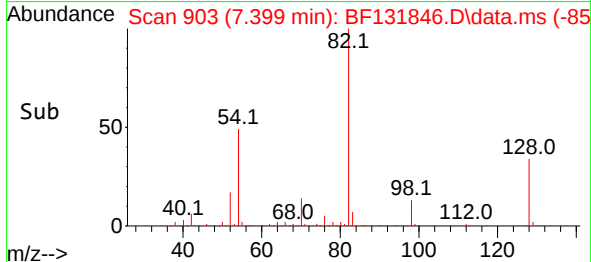
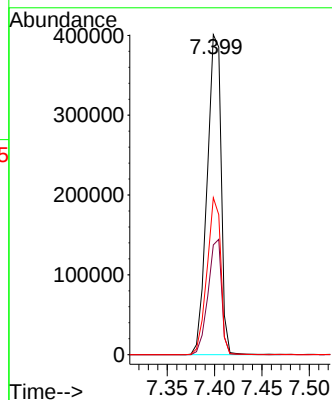
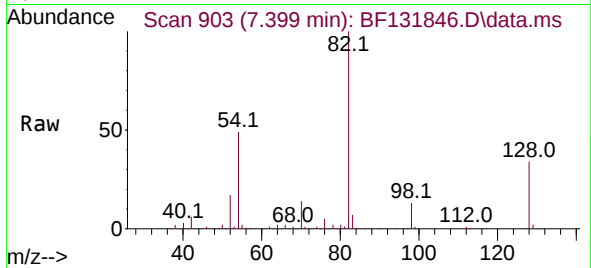




#23
Nitrobenzene-d5
Concen: 67.347 ng
RT: 7.399 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

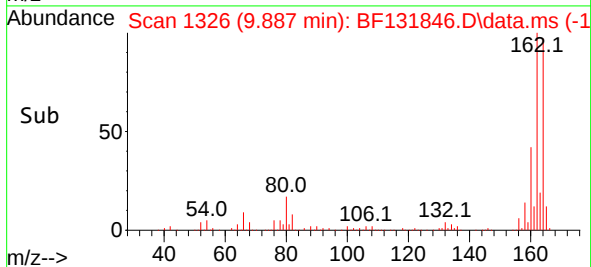
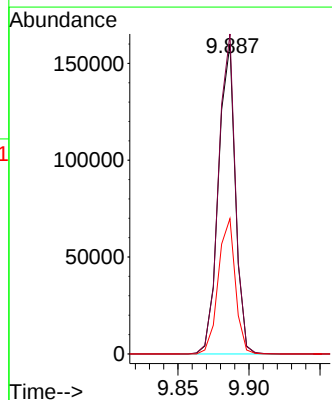
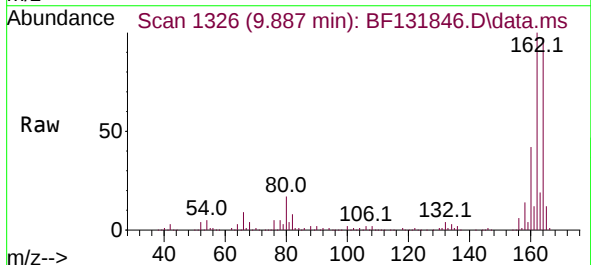
Instrument :
BNA_F
ClientSampleId :
HD-01-122322

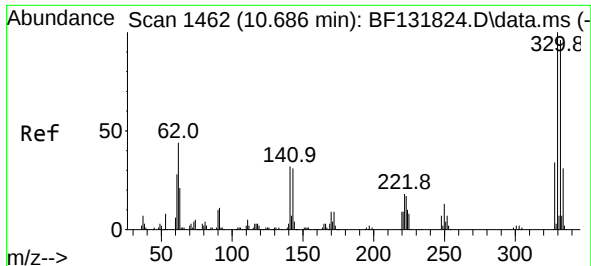
Tgt Ion: 82 Resp: 413454
Ion Ratio Lower Upper
82 100
128 34.3 27.1 40.7
54 49.0 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion:164 Resp: 132855
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 43.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 95.630 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF131846.D

Acq: 27 Dec 2022 20:03

Instrument :

BNA_F

ClientSampleId :

HD-01-122322

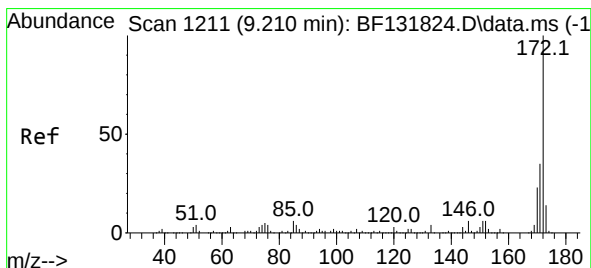
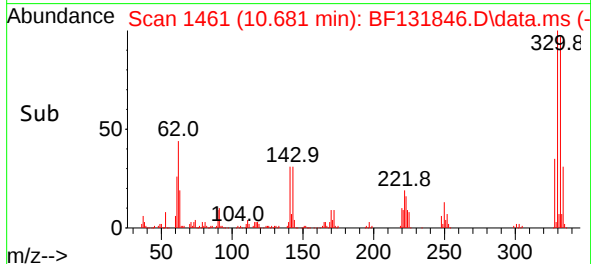
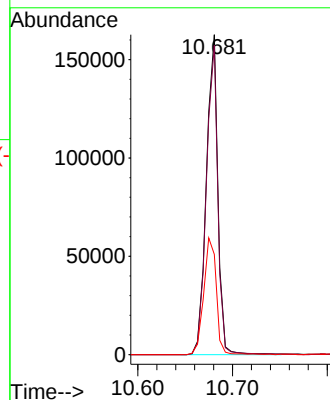
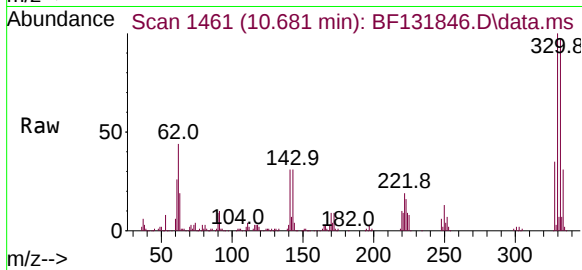
Tgt Ion:330 Resp: 138040

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 39.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 70.198 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131846.D

Acq: 27 Dec 2022 20:03

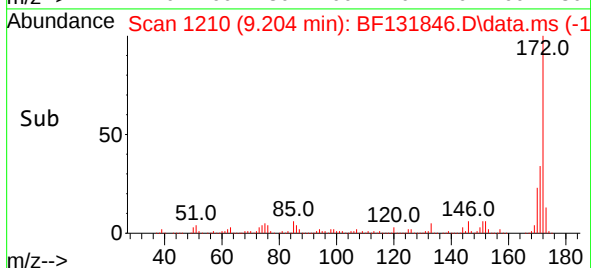
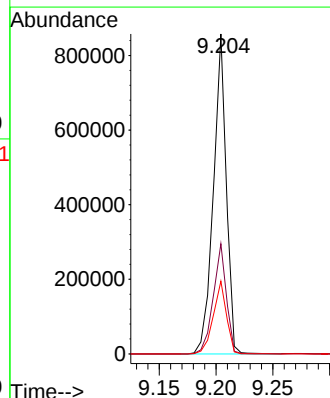
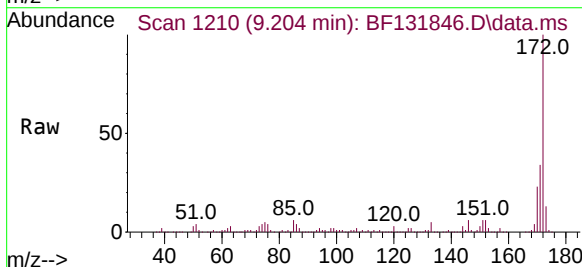
Tgt Ion:172 Resp: 680872

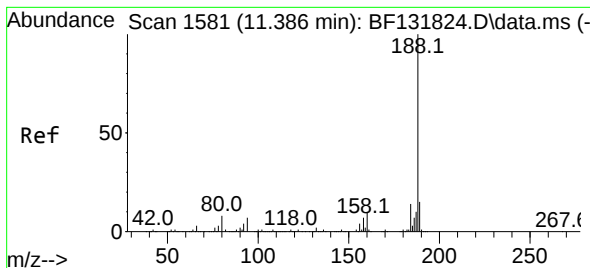
Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 22.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF131846.D

Acq: 27 Dec 2022 20:03

Instrument :

BNA_F

ClientSampleId :

HD-01-122322

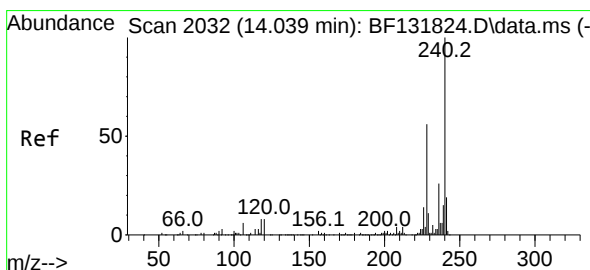
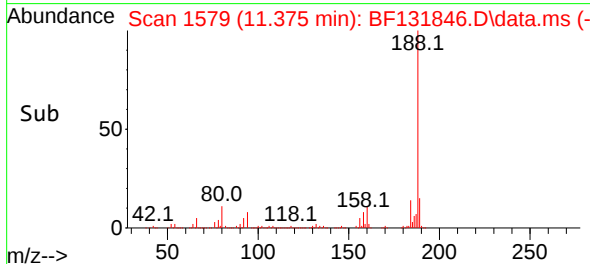
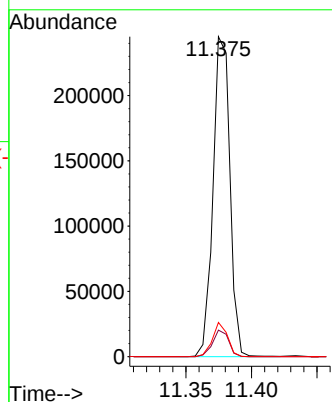
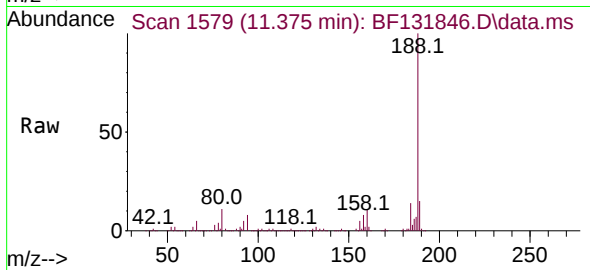
Tgt Ion:188 Resp: 220052

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.6

80 10.7 6.7 10.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.028 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF131846.D

Acq: 27 Dec 2022 20:03

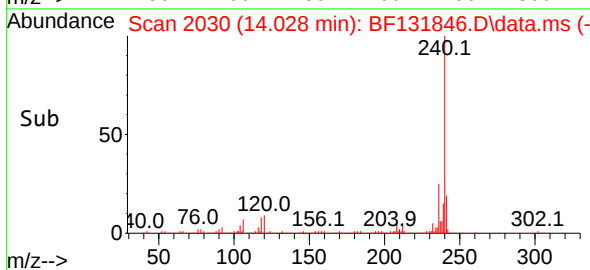
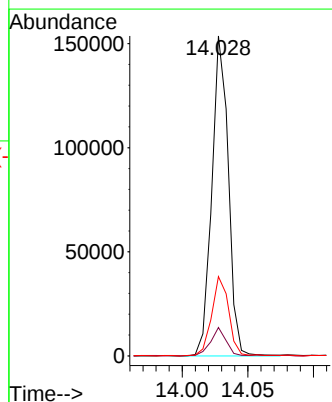
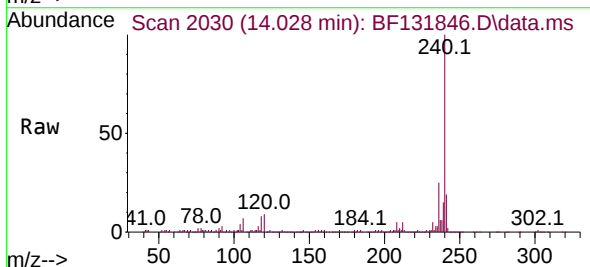
Tgt Ion:240 Resp: 134751

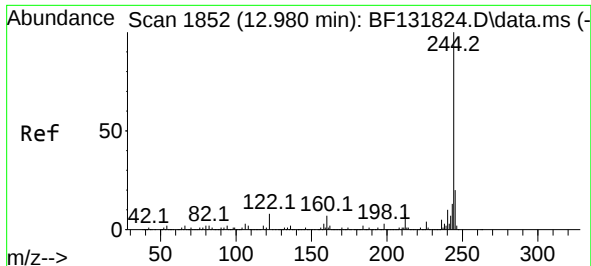
Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

236 24.8 20.6 31.0

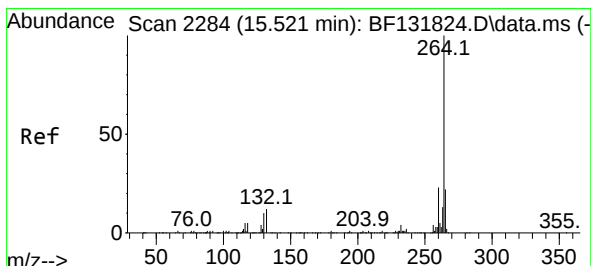
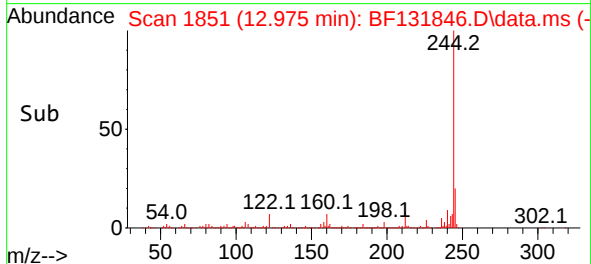
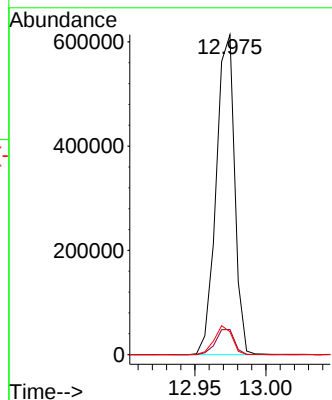
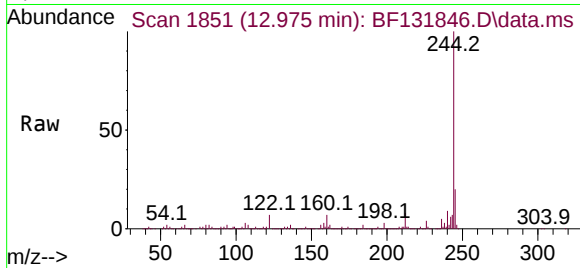




#79
 Terphenyl-d14
 Concen: 69.772 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131846.D
 Acq: 27 Dec 2022 20:03

Instrument :
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 HD-01-122322

Tgt Ion:244 Resp: 555824
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.1 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF131846.D
 Acq: 27 Dec 2022 20:03

Tgt Ion:264 Resp: 148113
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.4 17.4 26.0

