

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130720.D
 Acq On : 19 Oct 2022 20:01
 Operator : CG\JU
 Sample : N5176-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5236-2

Quant Time: Oct 20 02:46:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	81286	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	332572	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	183918	20.000	ng	-0.01
64) Phenanthrene-d10	11.080	188	326019	20.000	ng	# 0.00
76) Chrysene-d12	13.710	240	205591	20.000	ng	-0.01
86) Perylene-d12	15.086	264	164609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	400356	88.780	ng	0.00
7) Phenol-d6	6.222	99	229955	40.559	ng	0.00
23) Nitrobenzene-d5	7.145	82	552249	90.650	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	271858	151.064	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1113816	91.734	ng	-0.01
79) Terphenyl-d14	12.663	244	973808	78.615	ng	-0.01

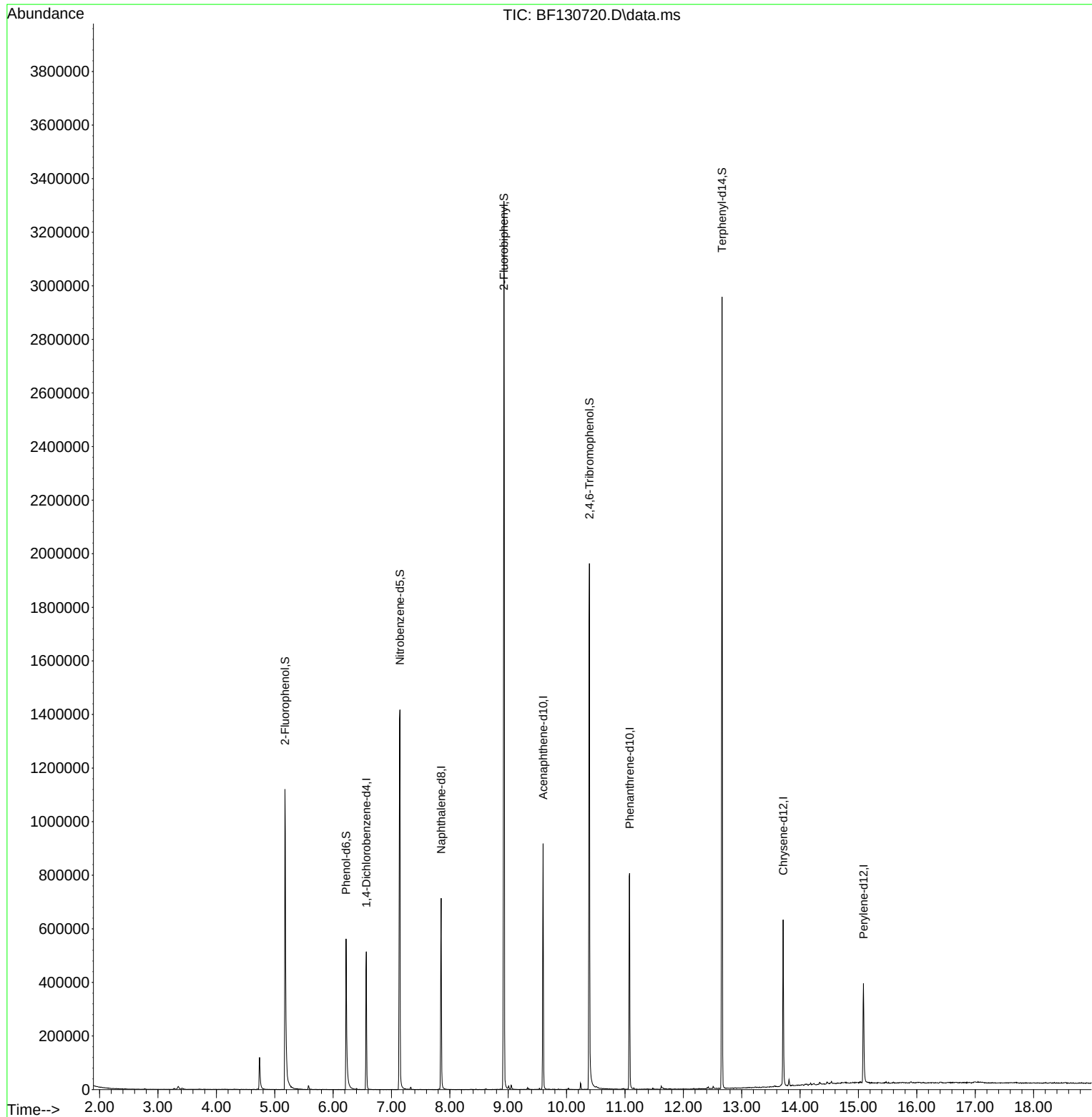
Target Compounds Qvalue

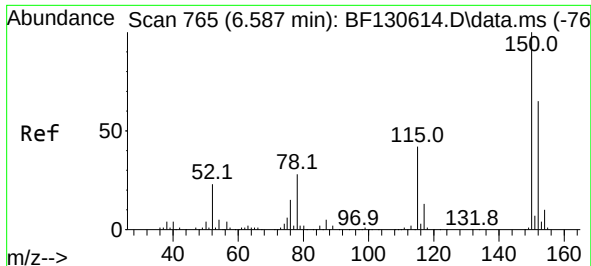
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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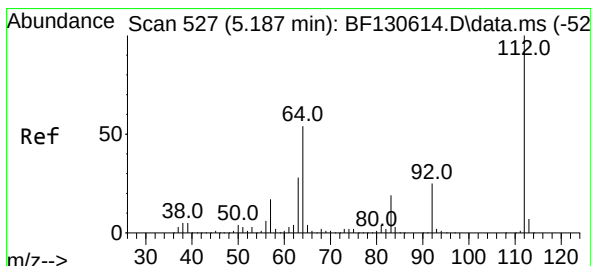
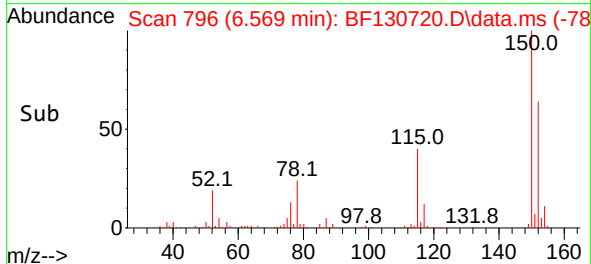
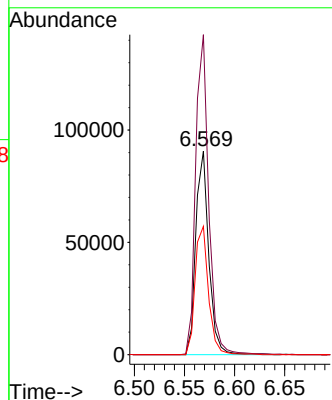
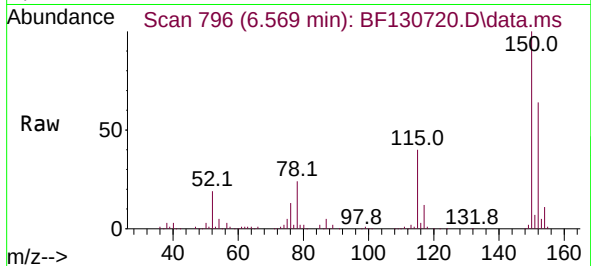




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

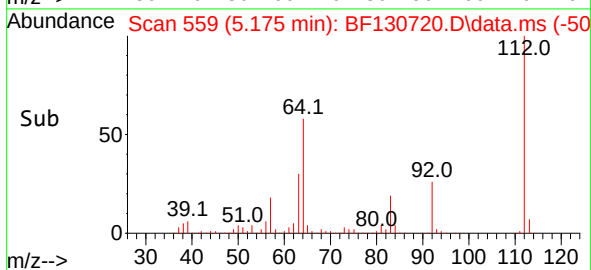
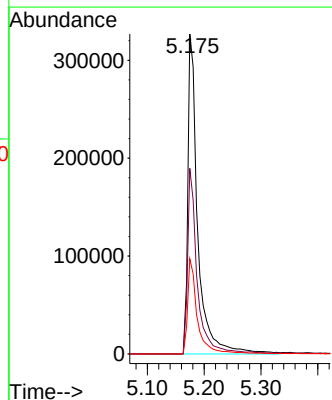
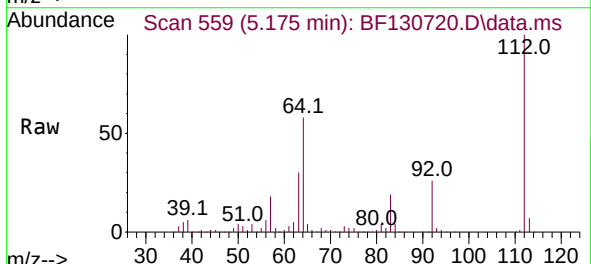
Instrument :
BNA_F
ClientSampleId :
5236-2

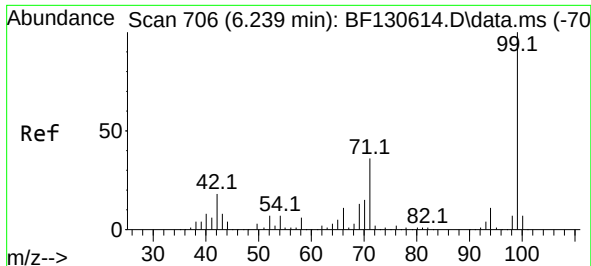
Tgt Ion:152 Resp: 81286
Ion Ratio Lower Upper
152 100
150 157.3 123.8 185.6
115 63.0 52.2 78.4



#5
2-Fluorophenol
Concen: 88.780 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion:112 Resp: 400356
Ion Ratio Lower Upper
112 100
64 58.0 43.5 65.3
63 29.7 22.6 34.0

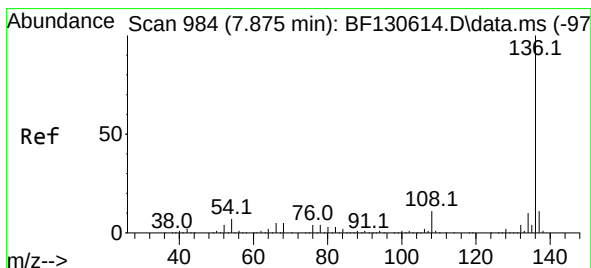
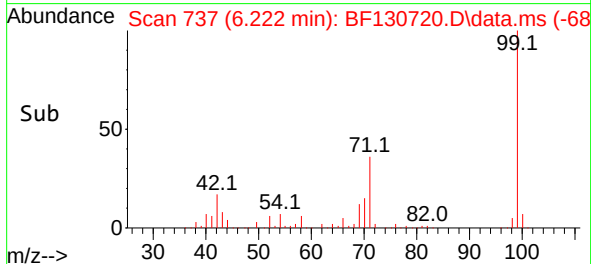
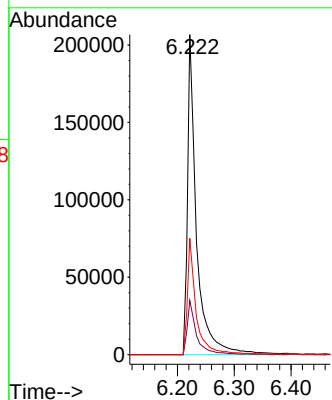
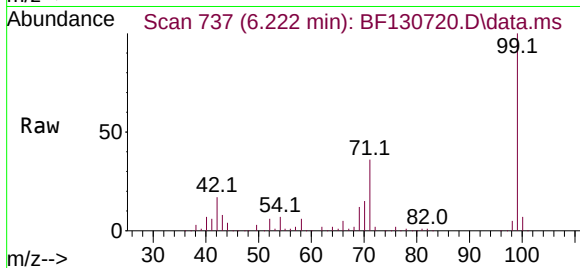




#7
Phenol-d6
Concen: 40.559 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

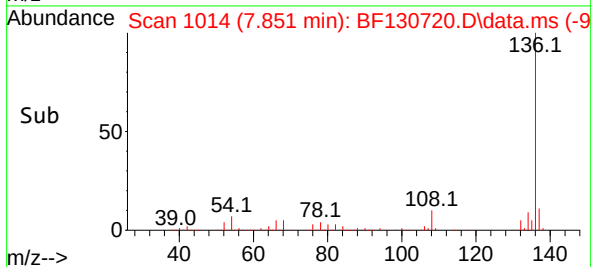
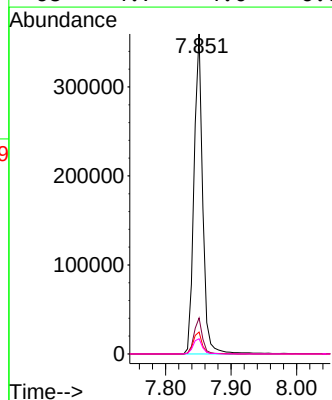
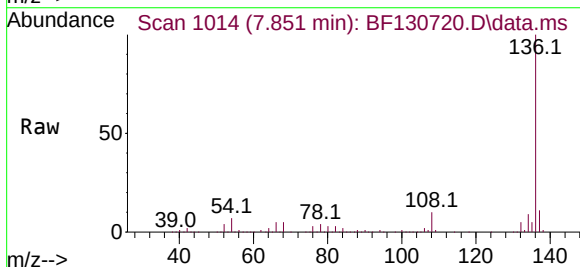
Instrument :
BNA_F
ClientSampleId :
5236-2

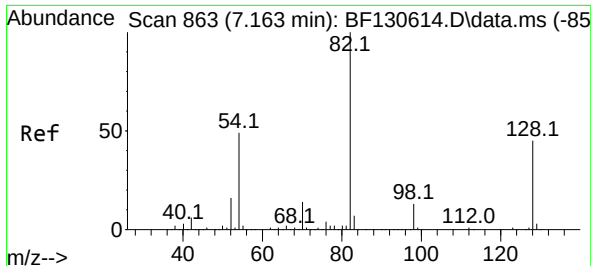
Tgt Ion: 99 Resp: 229955
Ion Ratio Lower Upper
99 100
42 16.9 14.0 21.0
71 36.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion: 136 Resp: 332572
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.8 5.5 8.3
68 4.7 4.0 6.0

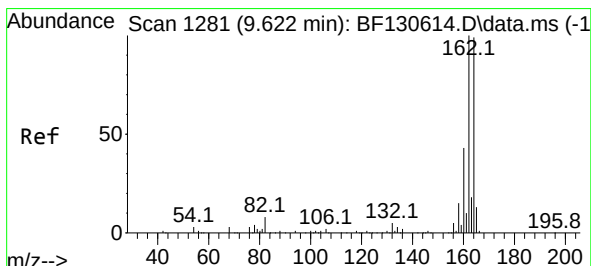
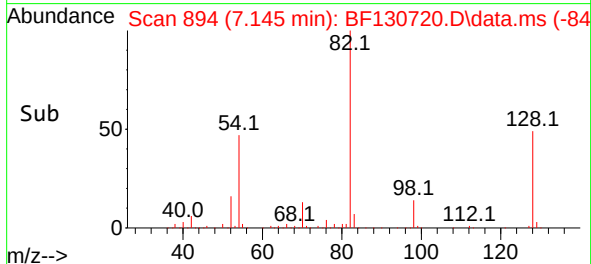
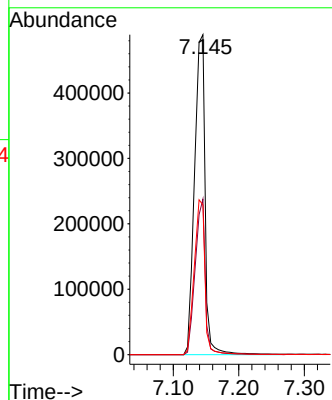
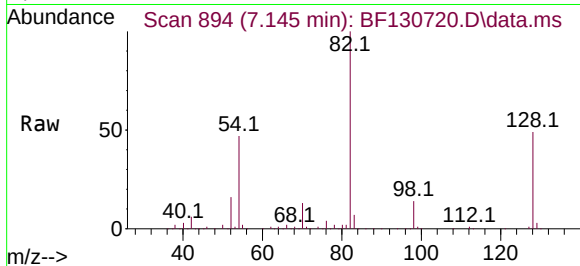




#23
Nitrobenzene-d5
Concen: 90.650 ng
RT: 7.145 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

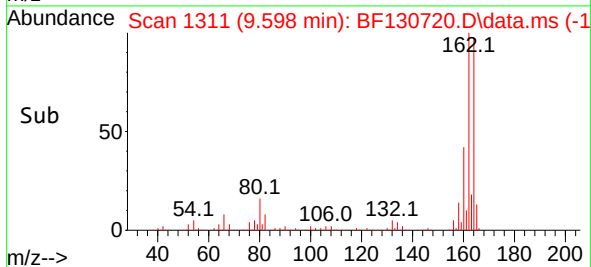
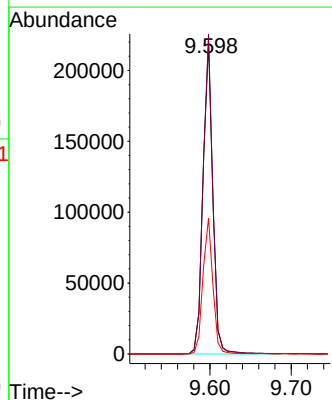
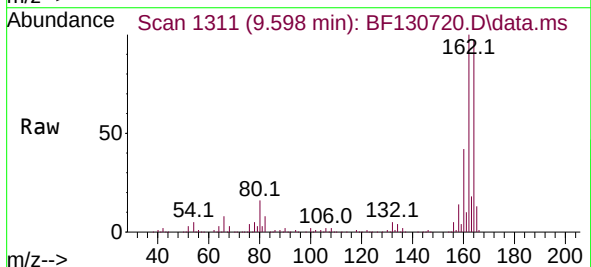
Instrument :
BNA_F
ClientSampleId :
5236-2

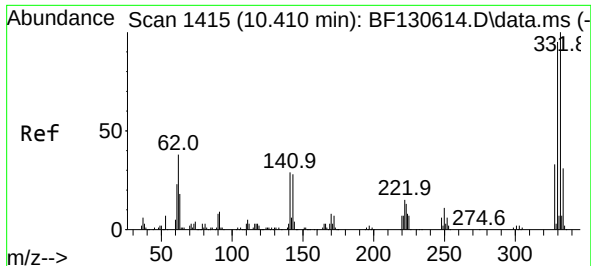
Tgt Ion: 82 Resp: 552249
Ion Ratio Lower Upper
82 100
128 48.6 35.8 53.6
54 46.8 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.598 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion:164 Resp: 183918
Ion Ratio Lower Upper
164 100
162 102.9 81.0 121.4
160 43.7 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 151.064 ng

RT: 10.392 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF130720.D

Acq: 19 Oct 2022 20:01

Instrument :

BNA_F

ClientSampleId :

5236-2

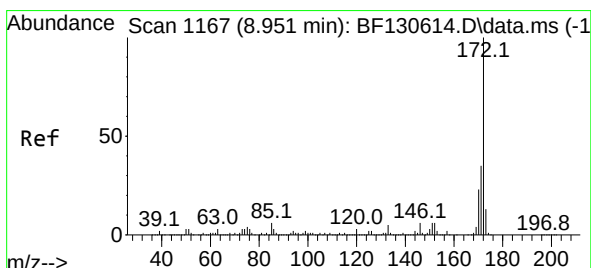
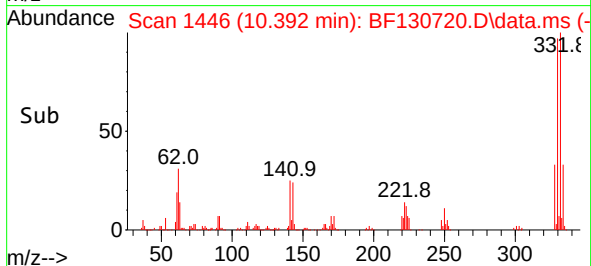
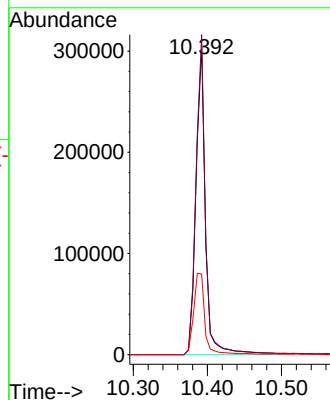
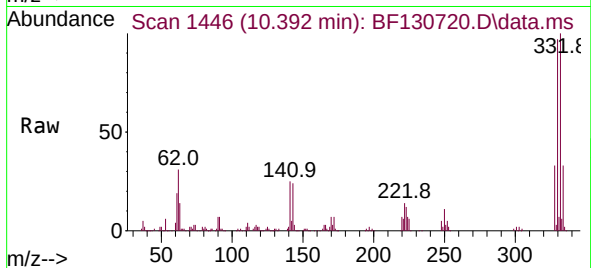
Tgt Ion:330 Resp: 271858

Ion Ratio Lower Upper

330 100

332 104.9 84.2 126.4

141 30.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 91.734 ng

RT: 8.928 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF130720.D

Acq: 19 Oct 2022 20:01

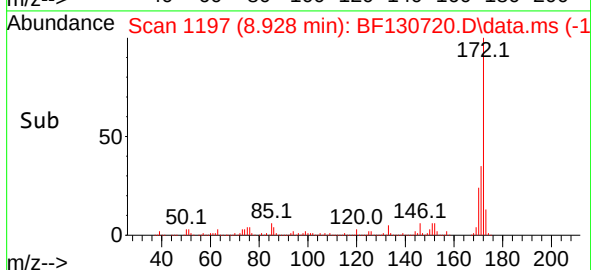
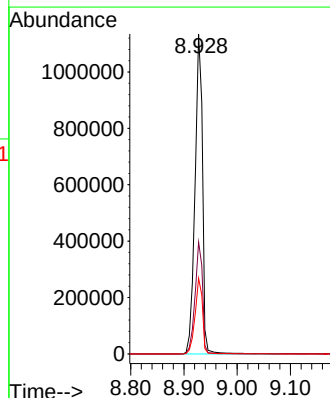
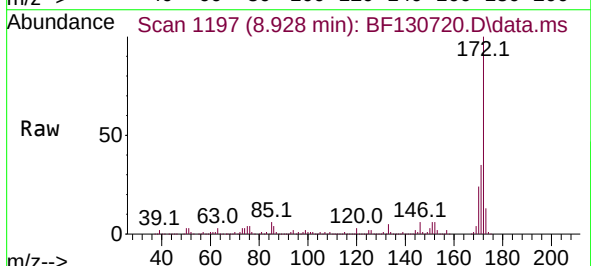
Tgt Ion:172 Resp: 1113816

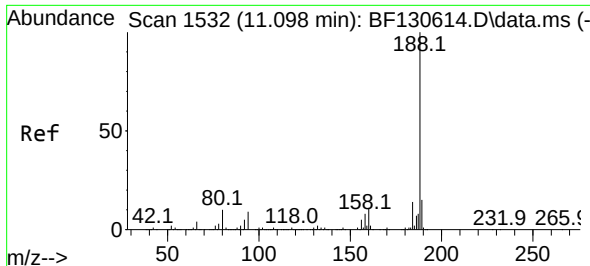
Ion Ratio Lower Upper

172 100

171 34.9 27.8 41.8

170 23.6 18.6 27.8

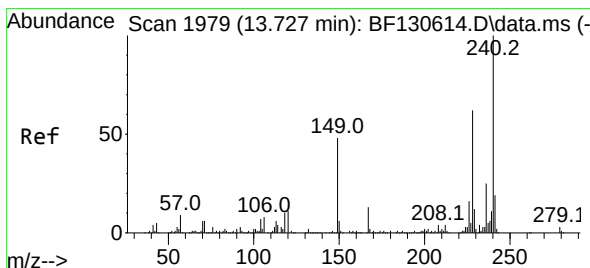
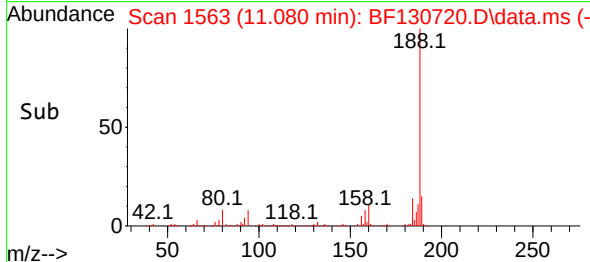
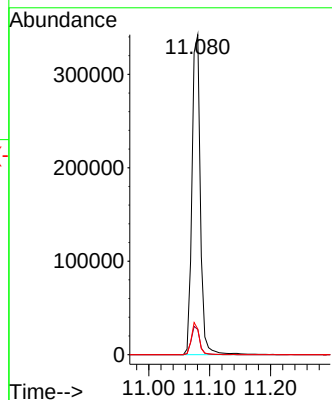
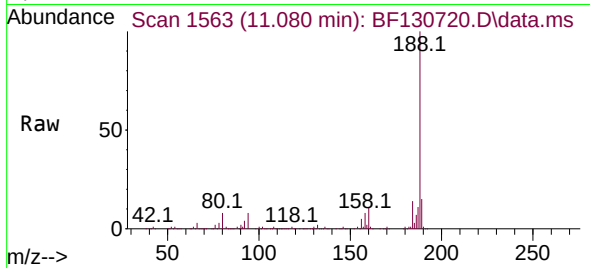




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

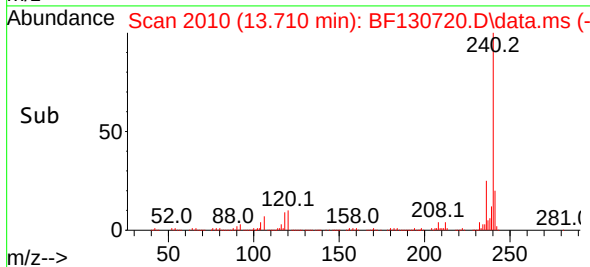
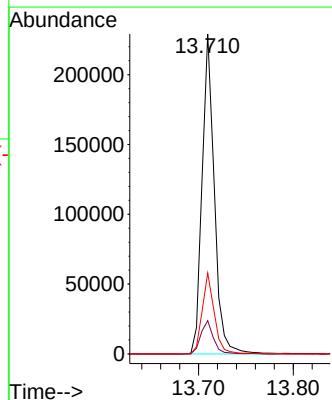
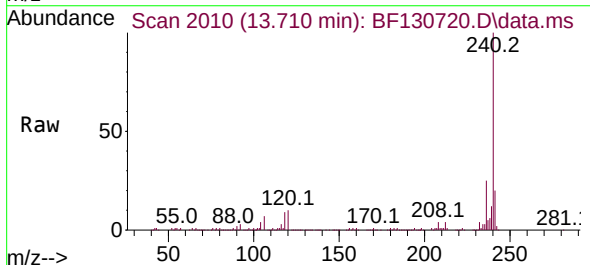
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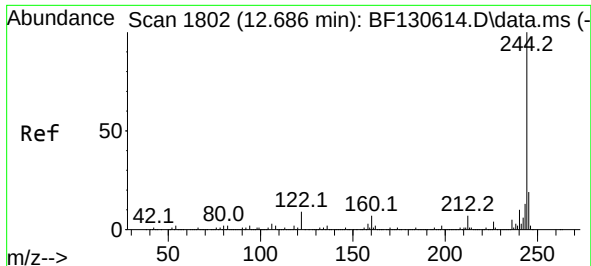
Tgt Ion:188 Resp: 326019
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.0 8.0 12.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF130720.D
Acq: 19 Oct 2022 20:01

Tgt Ion:240 Resp: 205591
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.3 20.2 30.4

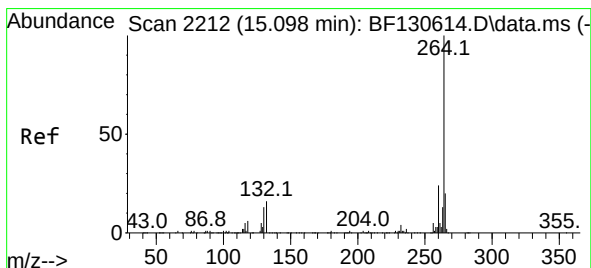
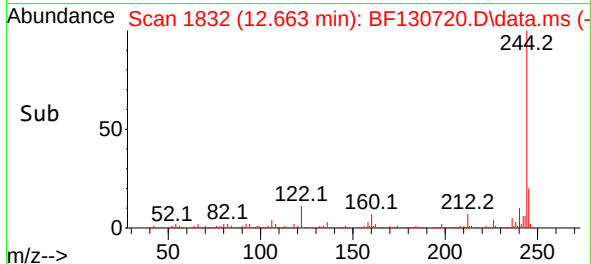
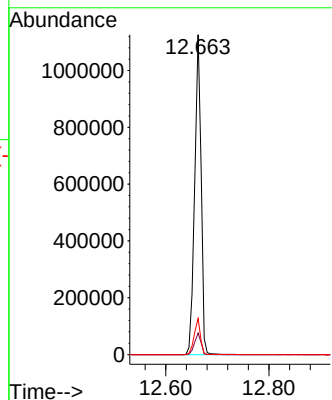
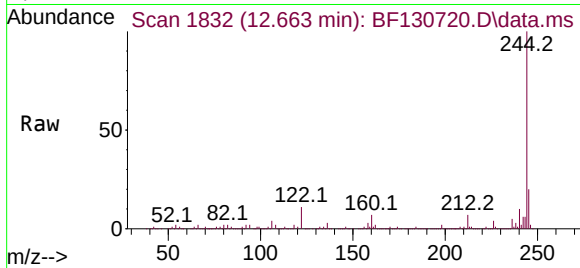




#79
 Terphenyl-d14
 Concen: 78.615 ng
 RT: 12.663 min Scan# 1802
 Delta R.T. -0.012 min
 Lab File: BF130720.D
 Acq: 19 Oct 2022 20:01

Instrument :
 BNA_F
 ClientSampleId :
 5236-2

Tgt Ion:244 Resp: 973808
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.3 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. -0.000 min
 Lab File: BF130720.D
 Acq: 19 Oct 2022 20:01

Tgt Ion:264 Resp: 164609
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.1 16.4 24.6

