

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130502.D
 Acq On : 03 Oct 2022 16:59
 Operator : CG\JU
 Sample : N4888-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REGULATORY-FOUNDATION-2

Quant Time: Oct 04 03:16:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	115878	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	347762	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	182104	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	301260	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	148624	20.000	ng	-0.01
86) Perylene-d12	15.168	264	153560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	467759	70.014	ng	0.00
7) Phenol-d6	6.275	99	731159	87.466	ng	-0.02
23) Nitrobenzene-d5	7.204	82	402178	59.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	95137	54.523	ng	-0.01
45) 2-Fluorobiphenyl	8.992	172	731566	58.500	ng	-0.02
79) Terphenyl-d14	12.733	244	645315	71.924	ng	-0.01

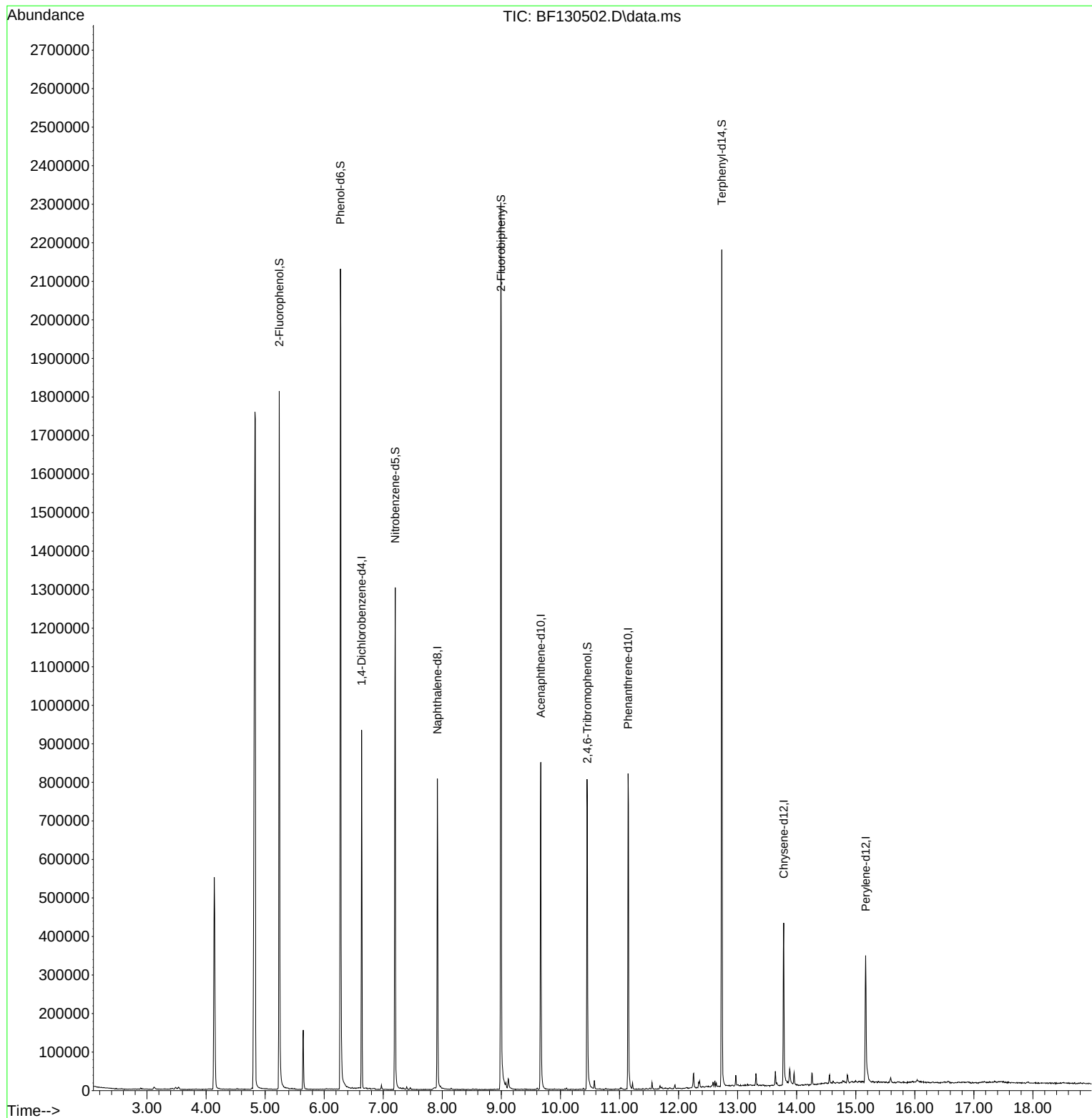
Target Compounds	Qvalue

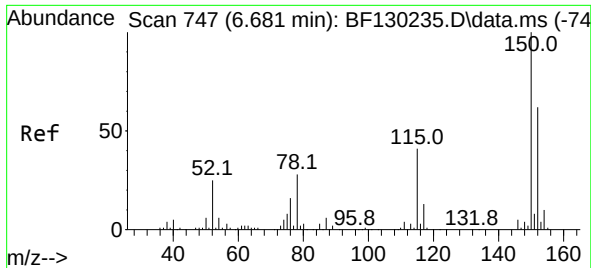
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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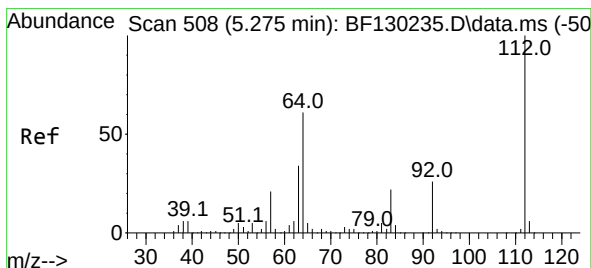
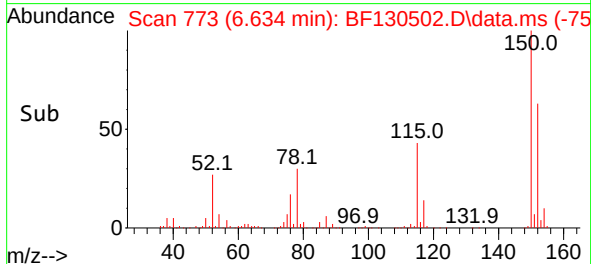
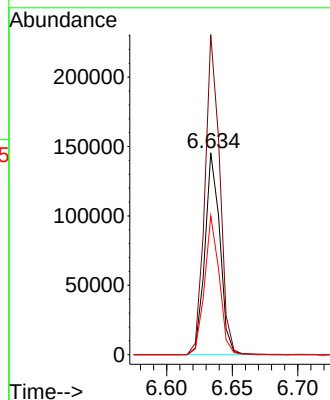
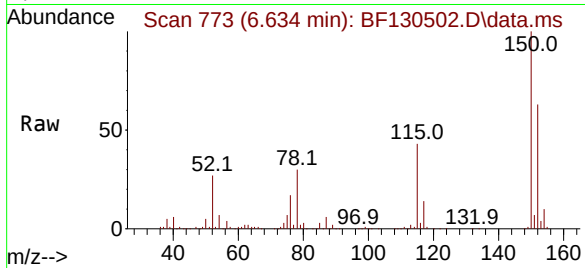




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

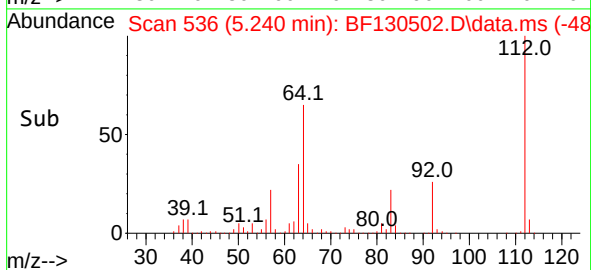
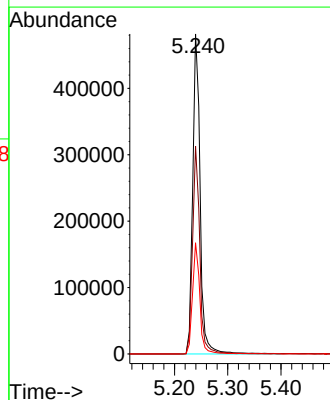
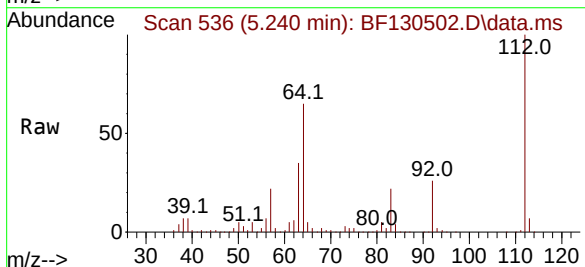
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

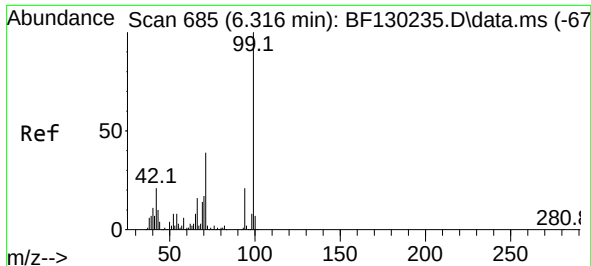
Tgt Ion:152 Resp: 115878
Ion Ratio Lower Upper
152 100
150 158.5 122.8 184.2
115 68.8 53.8 80.8



#5
2-Fluorophenol
Concen: 70.014 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion:112 Resp: 467759
Ion Ratio Lower Upper
112 100
64 65.0 51.4 77.0
63 34.8 28.8 43.2

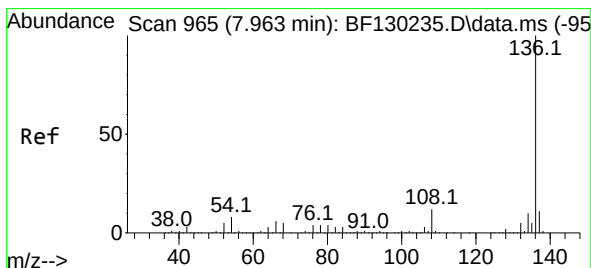
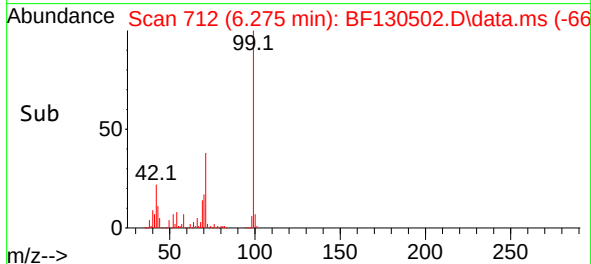
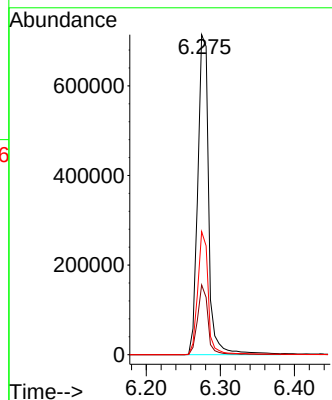
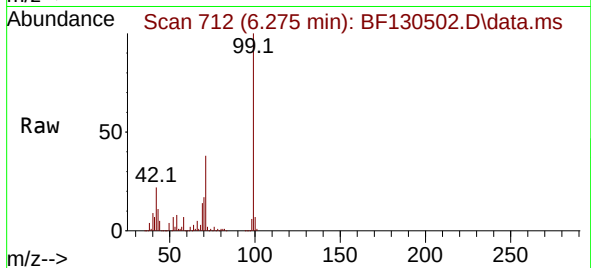




#7
Phenol-d6
Concen: 87.466 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

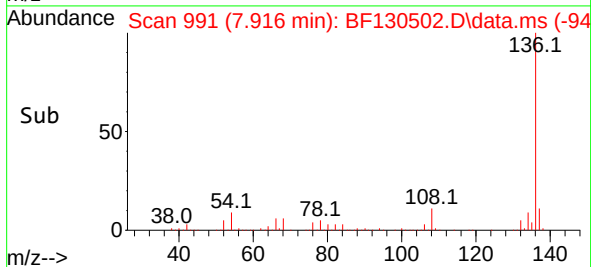
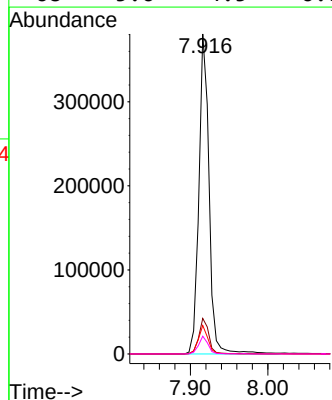
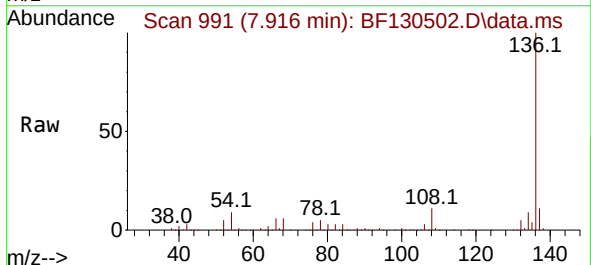
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

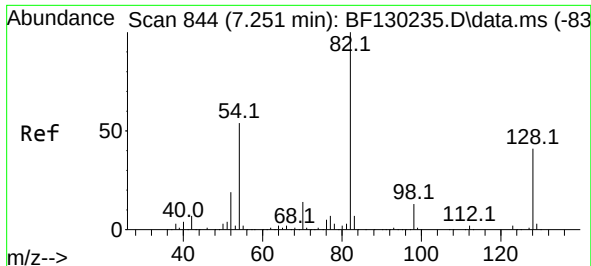
Tgt Ion: 99 Resp: 731159
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 38.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion:136 Resp: 347762
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.9 7.1 10.7
68 5.6 4.5 6.7

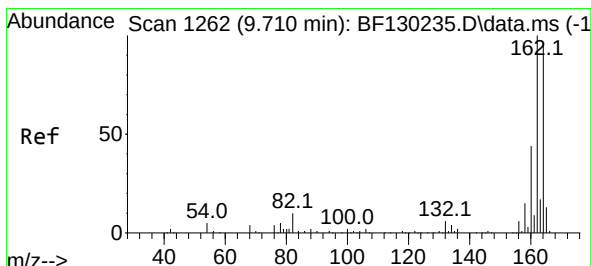
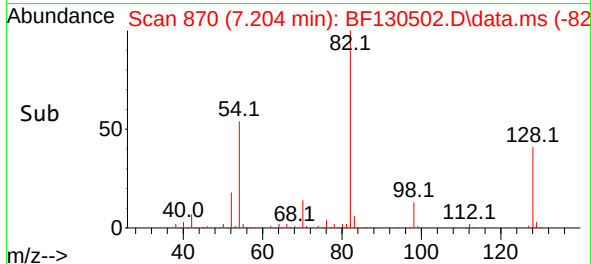
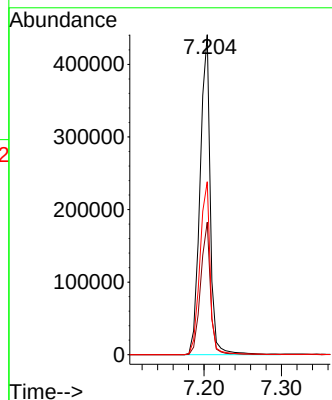
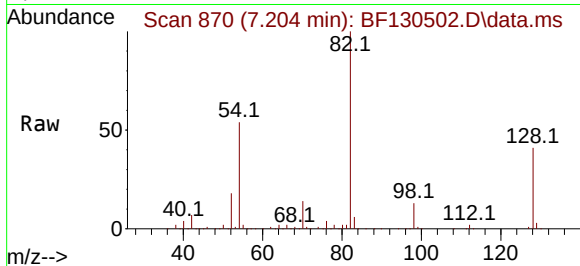




#23
Nitrobenzene-d5
Concen: 59.083 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

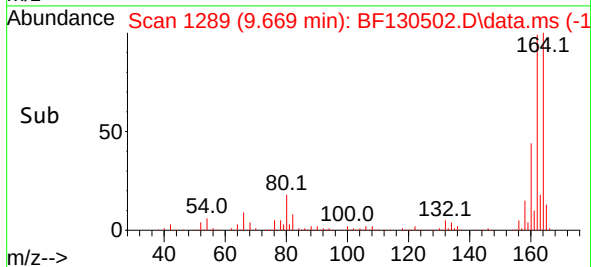
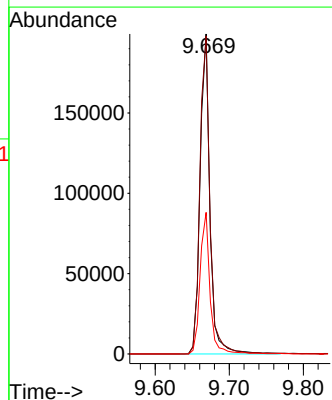
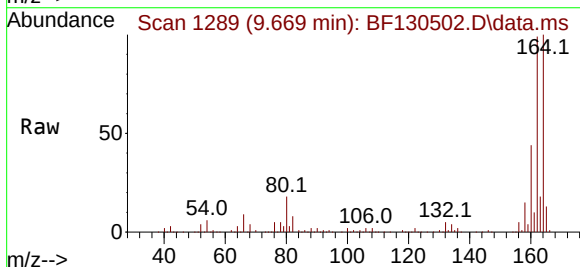
Instrument :
BNA_F
ClientSampleId :
REGULATORY-FOUNDATION-2

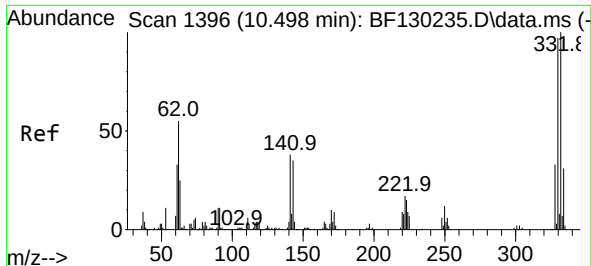
Tgt Ion: 82 Resp: 402178
Ion Ratio Lower Upper
82 100
128 41.4 32.6 49.0
54 54.0 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion:164 Resp: 182104
Ion Ratio Lower Upper
164 100
162 99.4 81.4 122.0
160 44.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 54.523 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.012 min

Lab File: BF130502.D

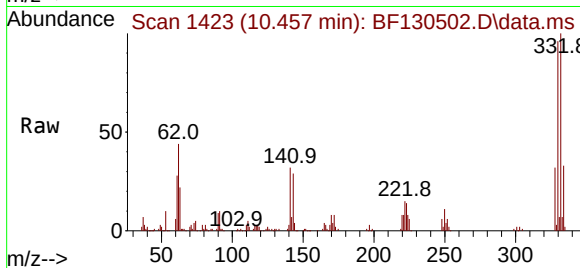
Acq: 03 Oct 2022 16:59

Instrument :

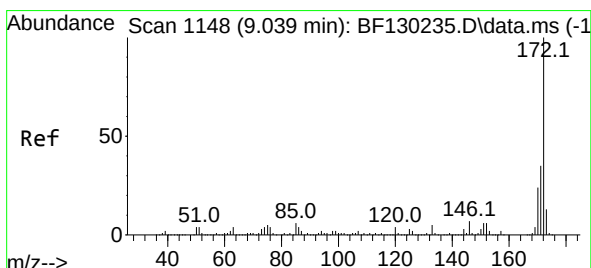
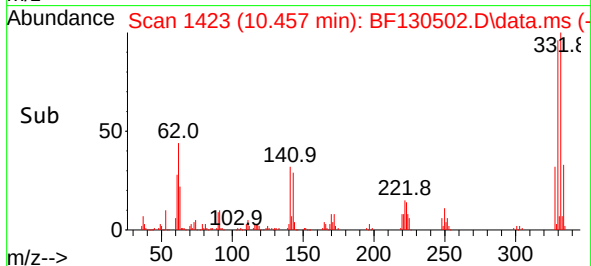
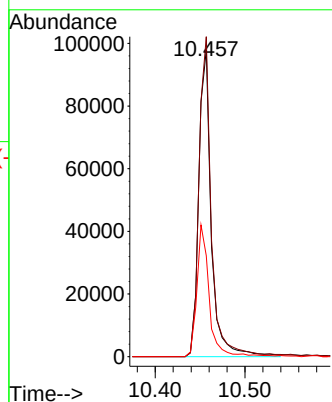
BNA_F

ClientSampleId :

REGULATORY-FOUNDATION-2



Tgt Ion:	330	Resp:	95137
Ion Ratio	Lower	Upper	
330	100		
332	102.2	83.4	125.2
141	42.4	34.0	51.0



#45

2-Fluorobiphenyl

Concen: 58.500 ng

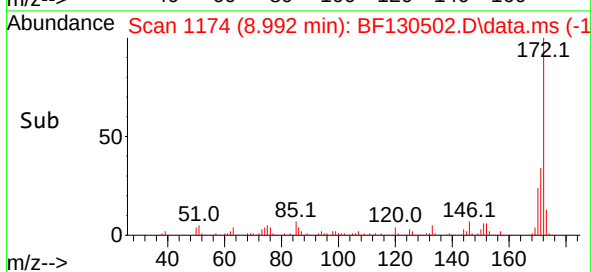
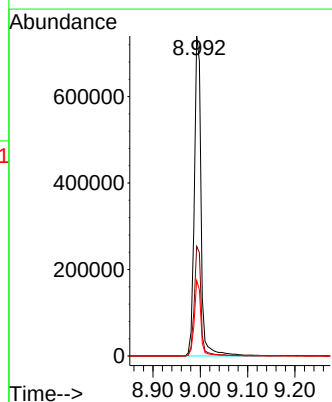
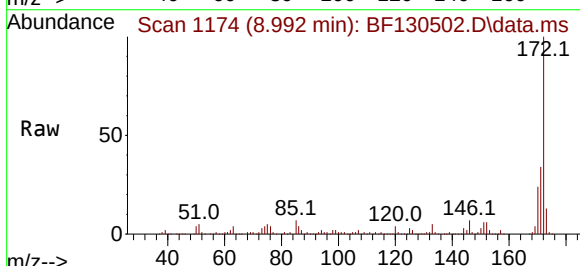
RT: 8.992 min Scan# 1174

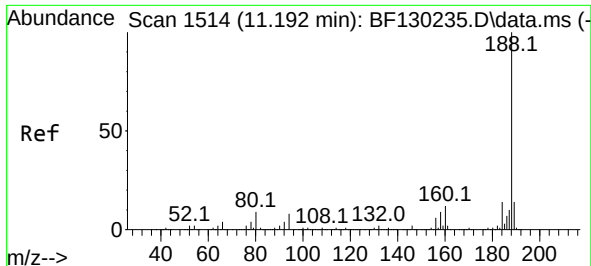
Delta R.T. -0.018 min

Lab File: BF130502.D

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Tgt Ion:	172	Resp:	731566
Ion Ratio	Lower	Upper	
172	100		
171	34.3	28.3	42.5
170	23.6	18.7	28.1

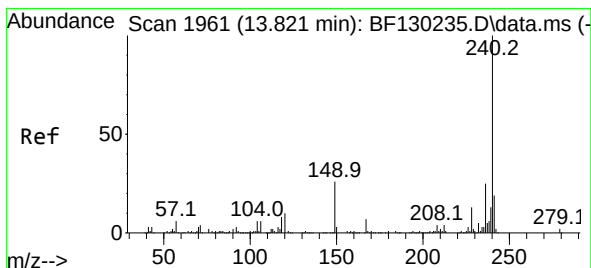
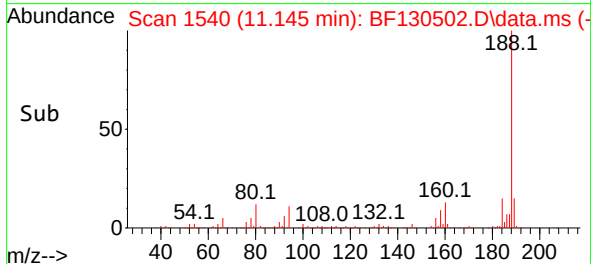
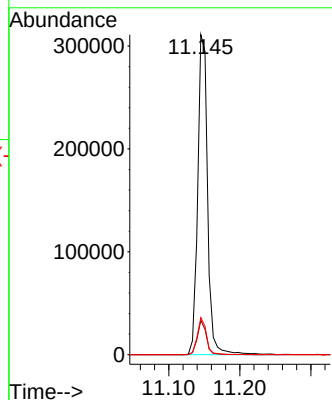
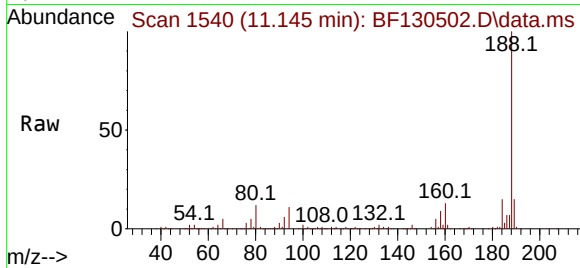




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

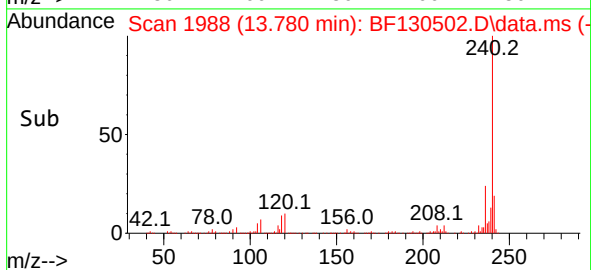
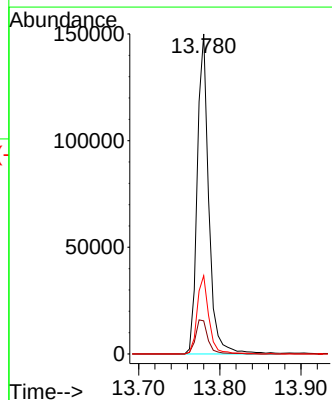
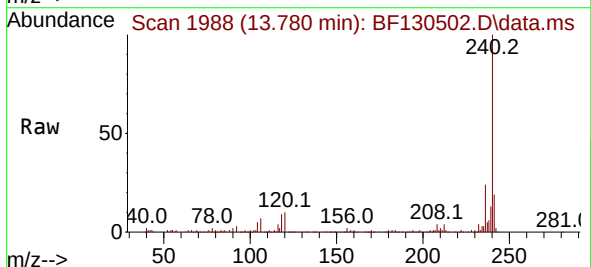
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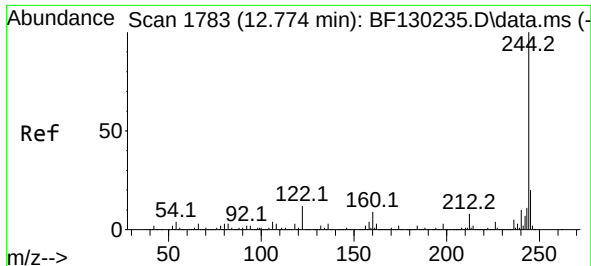
Tgt Ion:188 Resp: 301260
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 11.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130502.D
Acq: 03 Oct 2022 16:59

Tgt Ion:240 Resp: 148624
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 24.5 20.9 31.3

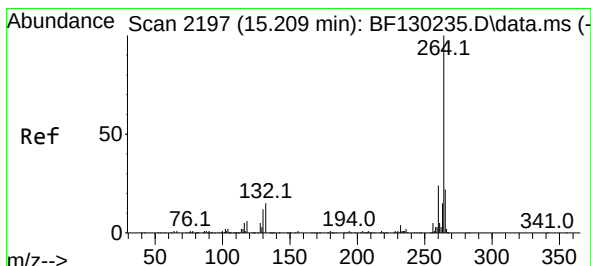
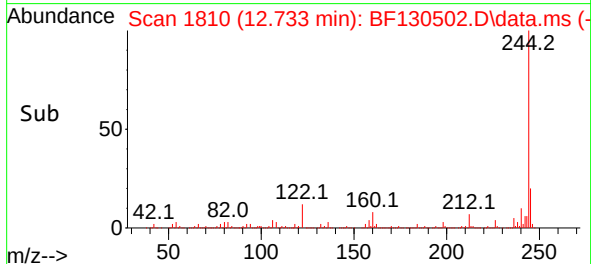
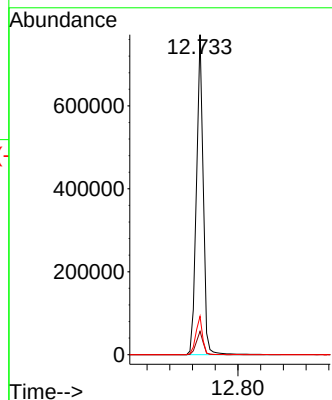
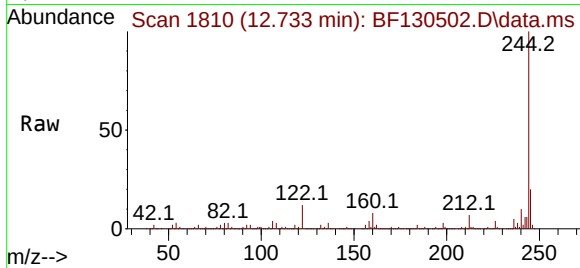




#79
 Terphenyl-d14
 Concen: 71.924 ng
 RT: 12.733 min Scan# 1810
 Delta R.T. -0.012 min
 Lab File: BF130502.D
 Acq: 03 Oct 2022 16:59

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Tgt Ion:244 Resp: 645315
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130502.D
 Acq: 03 Oct 2022 16:59

Tgt Ion:264 Resp: 153560
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 21.4 17.0 25.4

