

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130909.D
 Acq On : 01 Nov 2022 19:59
 Operator : CG\JU
 Sample : N5234-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSP-SS-07-00-20

Quant Time: Nov 02 08:23:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

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

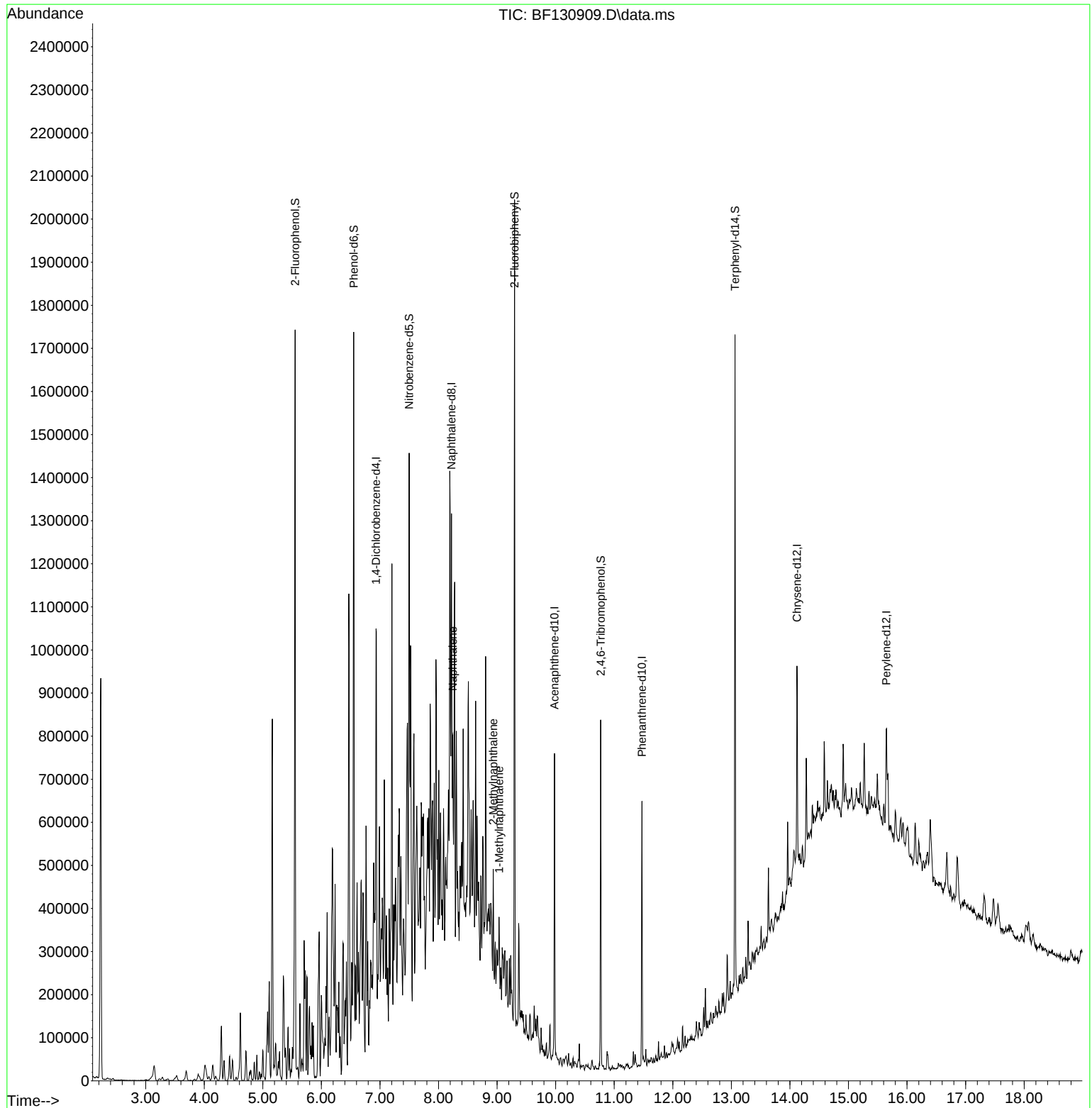
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	79963	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	273303	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	124649	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	201864	20.000	ng	0.00
76) Chrysene-d12	14.121	240	157089	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	106311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	382443	82.914	ng	0.00
7) Phenol-d6	6.551	99	469392	78.311	ng	0.00
23) Nitrobenzene-d5	7.498	82	305759	67.460	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	78619	74.926	ng	-0.01
45) 2-Fluorobiphenyl	9.298	172	497963	60.399	ng	0.00
79) Terphenyl-d14	13.063	244	468416	54.641	ng	0.00
Target Compounds						
31) Naphthalene	8.245	128	90501	6.347	ng	# 95
37) 2-Methylnaphthalene	8.934	142	55629	6.202	ng	96
38) 1-Methylnaphthalene	9.034	142	38321	4.390	ng	99

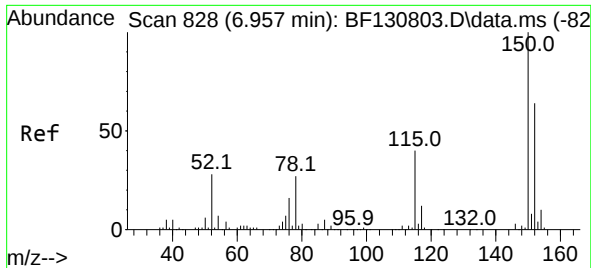
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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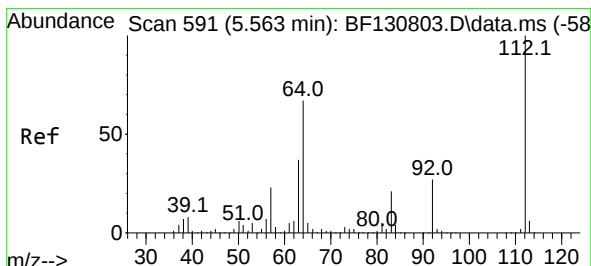
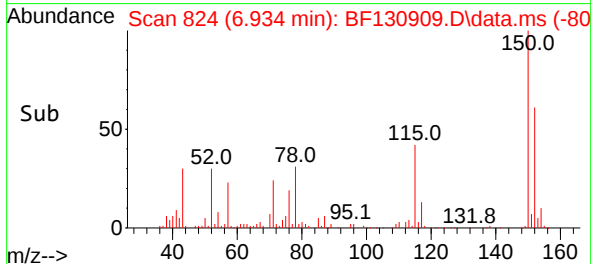
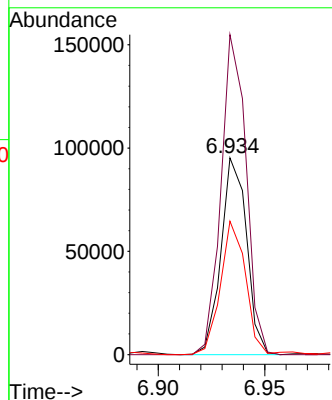
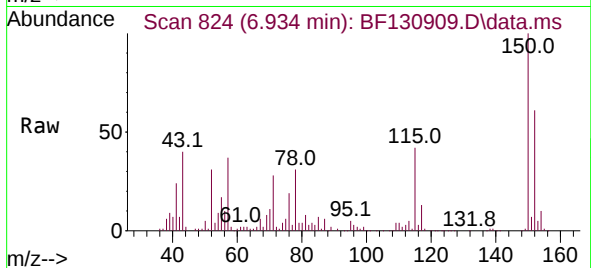




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

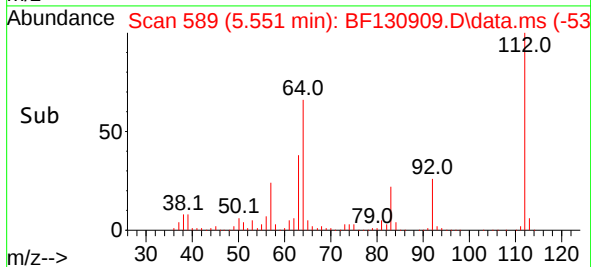
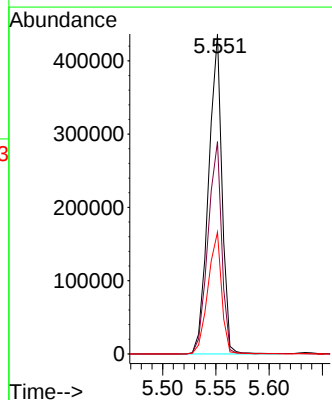
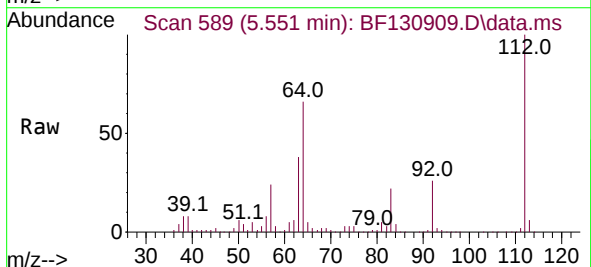
Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Tgt Ion:152 Resp: 79963
Ion Ratio Lower Upper
152 100
150 162.7 124.1 186.1
115 67.8 50.1 75.1



#5
2-Fluorophenol
Concen: 82.914 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.000 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion:112 Resp: 382443
Ion Ratio Lower Upper
112 100
64 66.3 53.9 80.9
63 38.1 29.4 44.2

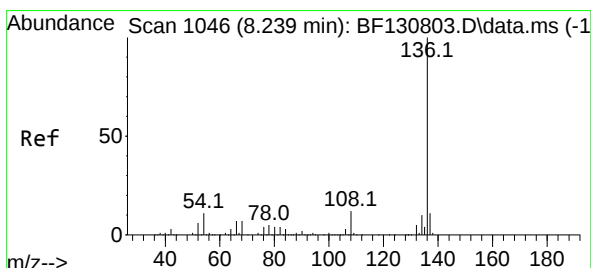
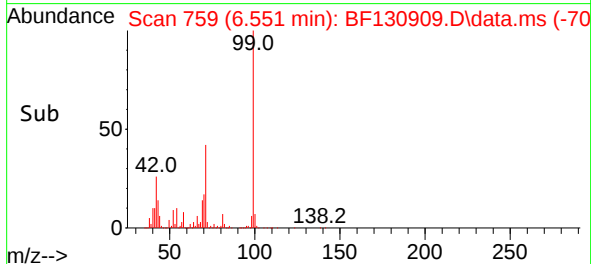
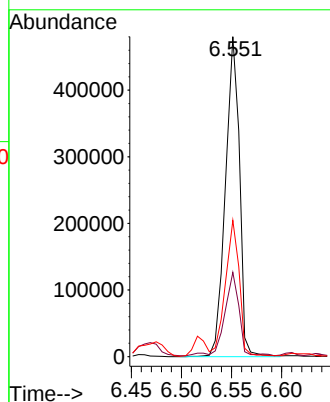
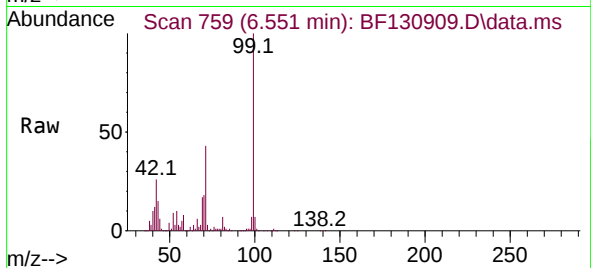




#7
Phenol-d6
Concen: 78.311 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

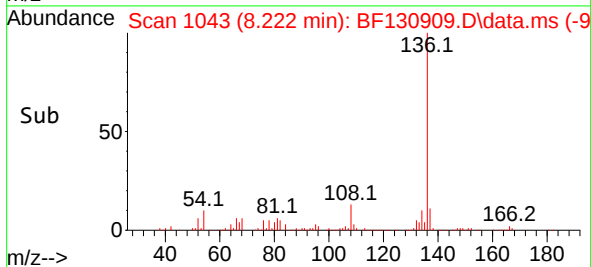
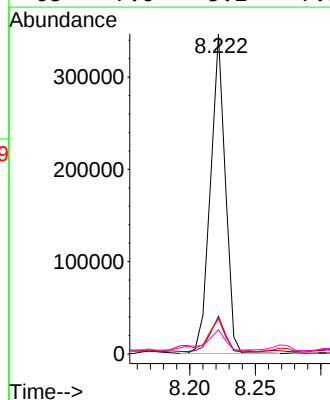
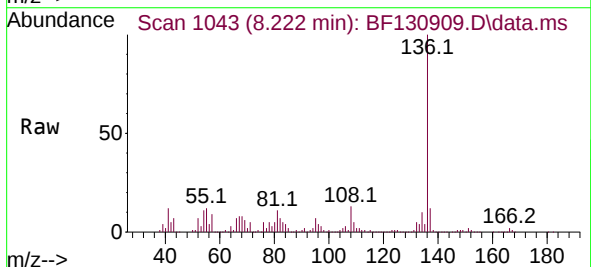
Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

Tgt Ion: 99 Resp: 469392
Ion Ratio Lower Upper
99 100
42 26.3 18.8 28.2
71 42.6 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion: 136 Resp: 273303
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 11.0 8.8 13.2
68 7.6 5.2 7.8

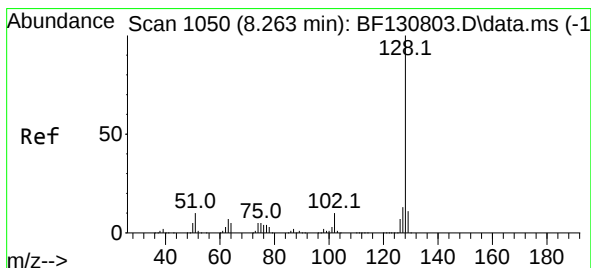
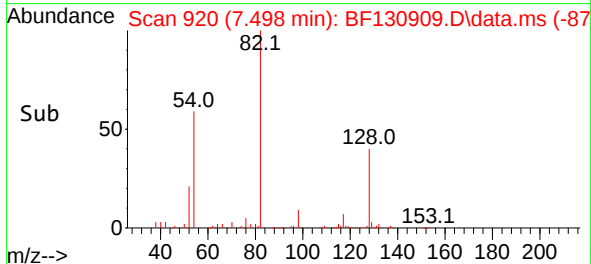
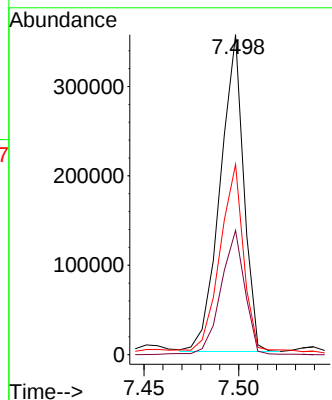
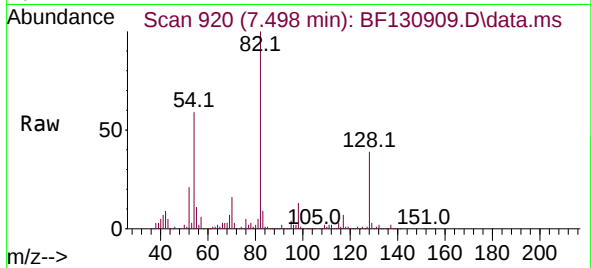




#23
Nitrobenzene-d5
Concen: 67.460 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

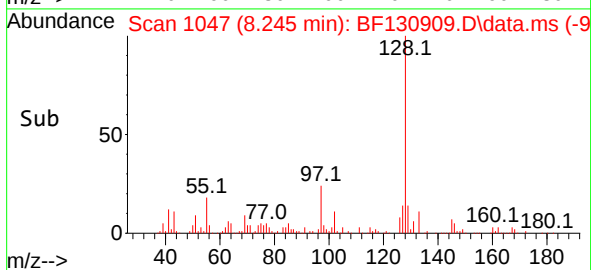
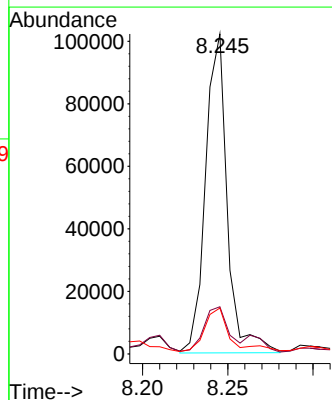
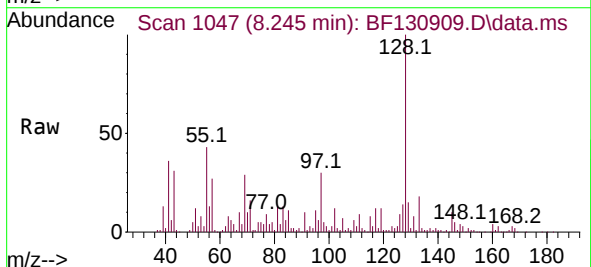
Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

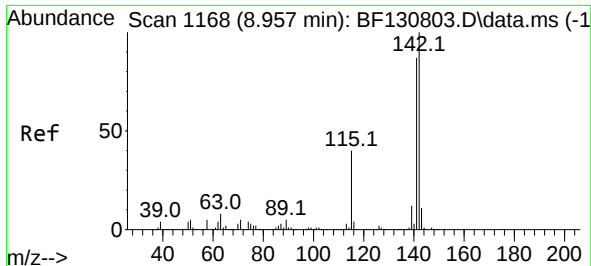
Tgt Ion: 82 Resp: 305759
Ion Ratio Lower Upper
82 100
128 38.8 31.2 46.8
54 59.4 48.0 72.0



#31
Naphthalene
Concen: 6.347 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion:128 Resp: 90501
Ion Ratio Lower Upper
128 100
129 14.7 9.0 13.6#
127 14.3 10.6 16.0





#37

2-Methylnaphthalene

Concen: 6.202 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130909.D

Acq: 01 Nov 2022 19:59

Instrument :

BNA_F

ClientSampleId :

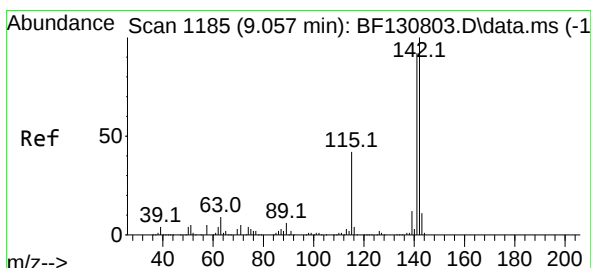
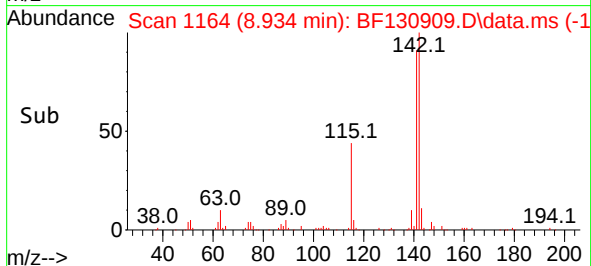
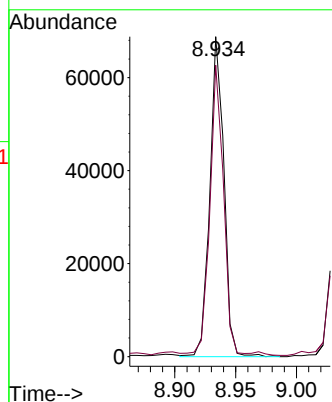
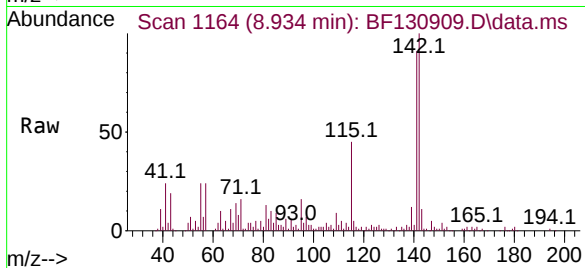
LSP-SS-07-00-20

Tgt Ion:142 Resp: 55629

Ion Ratio Lower Upper

142 100

141 91.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 4.390 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF130909.D

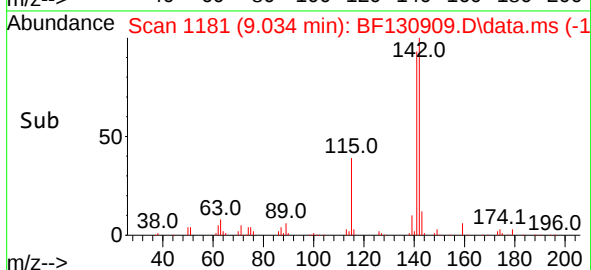
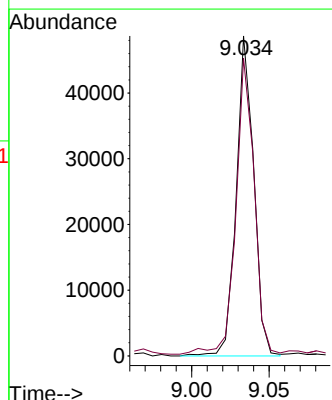
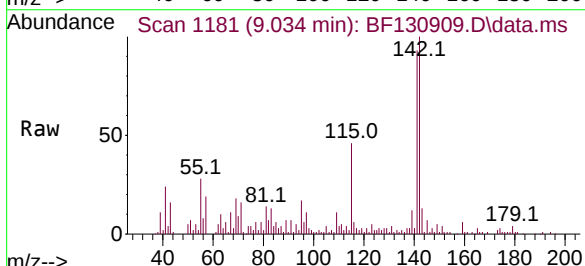
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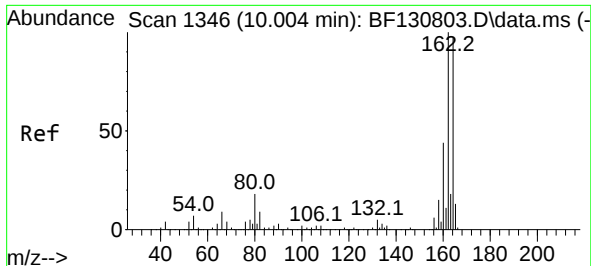
Tgt Ion:142 Resp: 38321

Ion Ratio Lower Upper

142 100

141 93.0 73.5 110.3

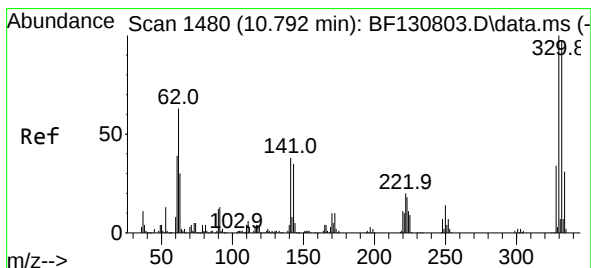
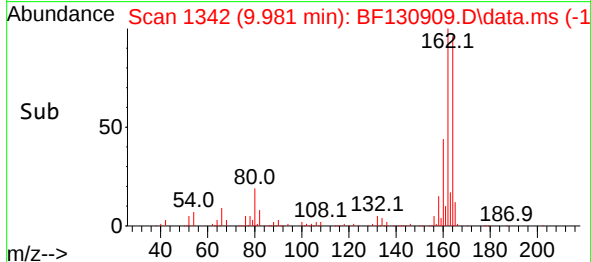
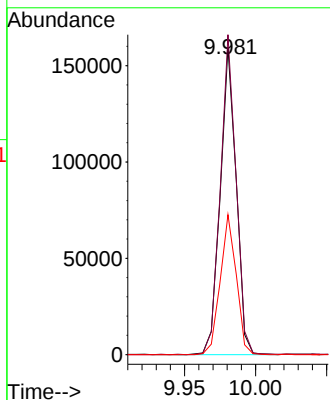
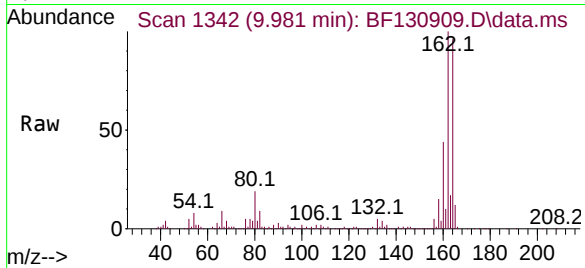




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

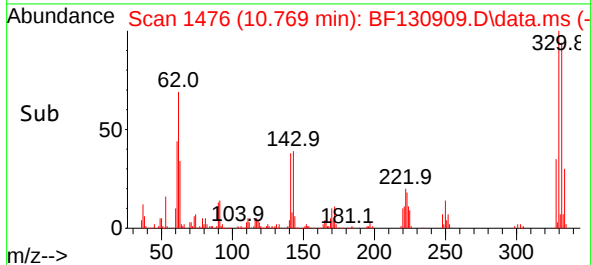
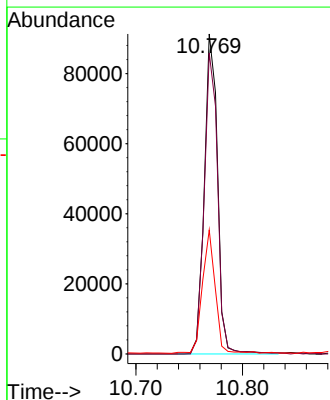
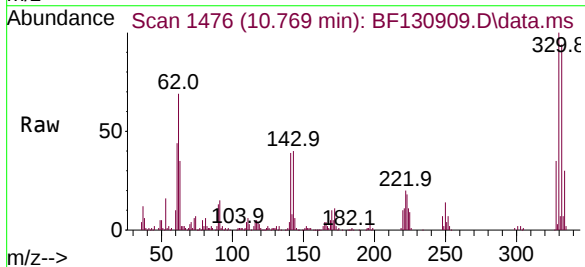
Instrument :
BNA_F
ClientSampleId :
LSP-SS-07-00-20

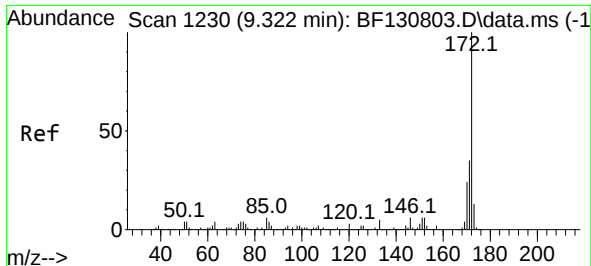
Tgt Ion:164 Resp: 124649
Ion Ratio Lower Upper
164 100
162 104.2 82.2 123.2
160 45.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 74.926 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion:330 Resp: 78619
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 37.3 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 60.399 ng

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130909.D

Acq: 01 Nov 2022 19:59

Instrument :

BNA_F

ClientSampleId :

LSP-SS-07-00-20

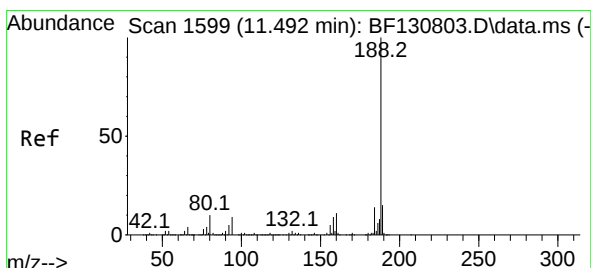
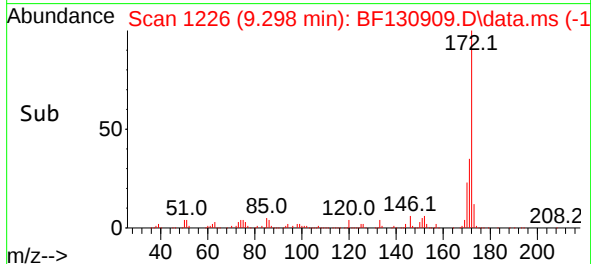
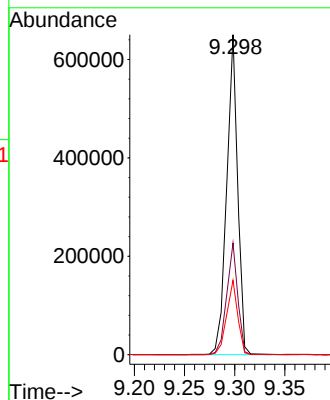
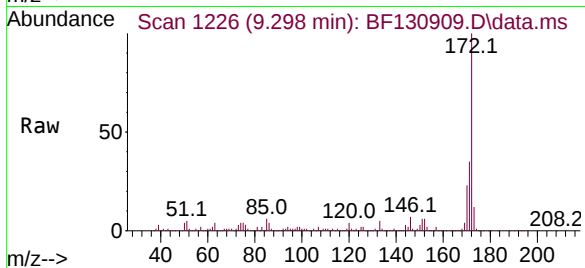
Tgt Ion:172 Resp: 497963

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.2 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BF130909.D

Acq: 01 Nov 2022 19:59

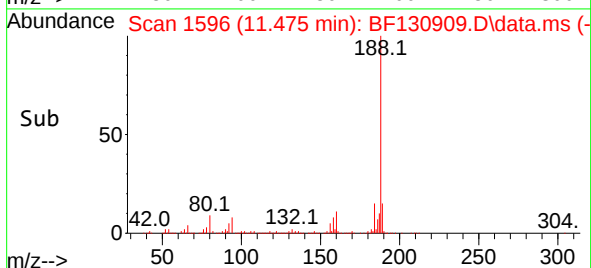
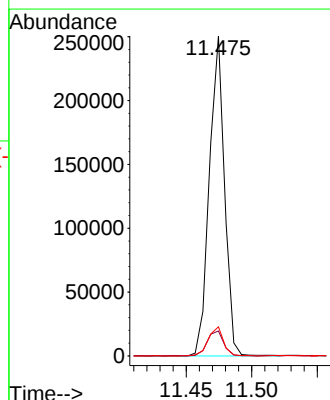
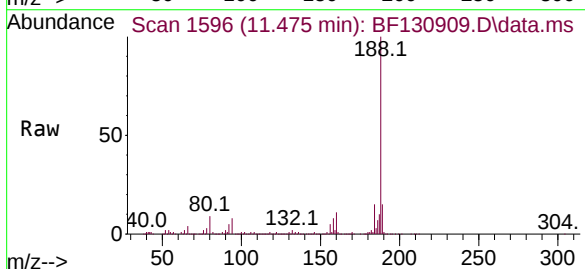
Tgt Ion:188 Resp: 201864

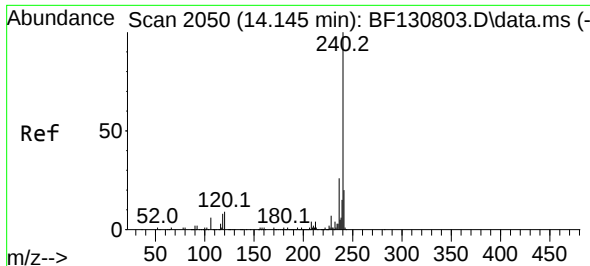
Ion Ratio Lower Upper

188 100

94 7.8 7.4 11.2

80 9.1 8.0 12.0

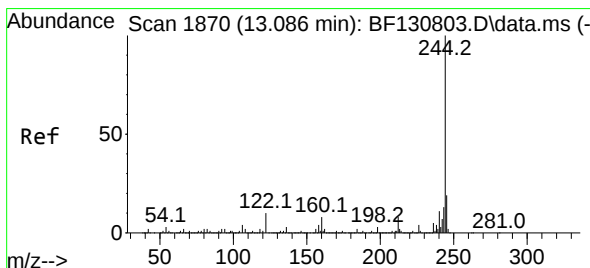
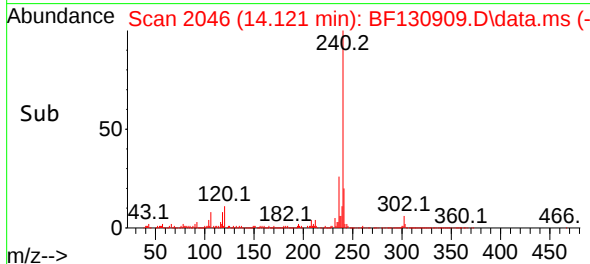
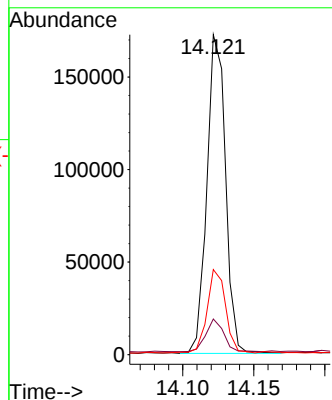
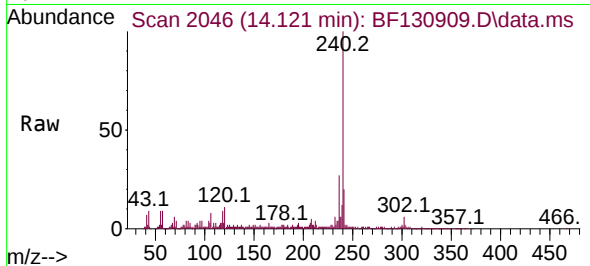




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

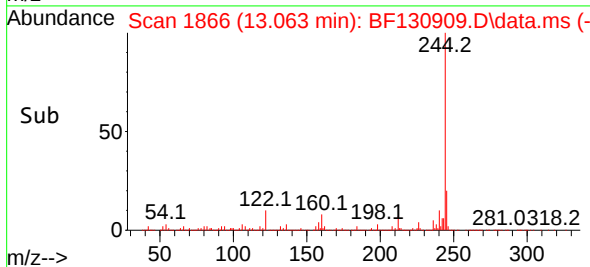
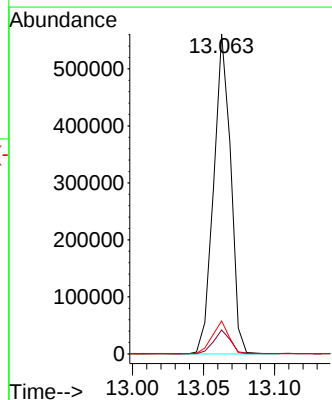
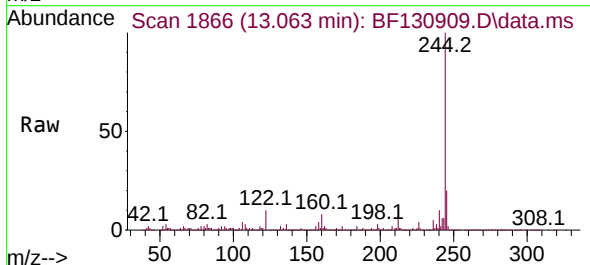
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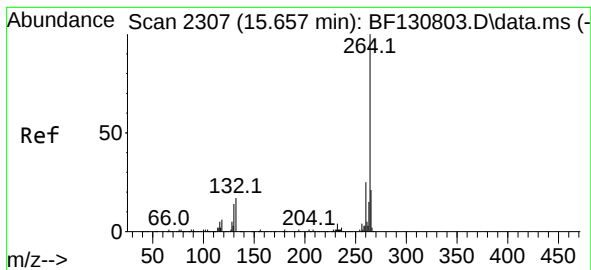
Tgt Ion:240 Resp: 157089
Ion Ratio Lower Upper
240 100
120 11.1 7.0 10.4#
236 26.6 20.5 30.7



#79
Terphenyl-d14
Concen: 54.641 ng
RT: 13.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BF130909.D
Acq: 01 Nov 2022 19:59

Tgt Ion:244 Resp: 468416
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.3 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2305

Delta R.T. 0.000 min

Lab File: BF130909.D

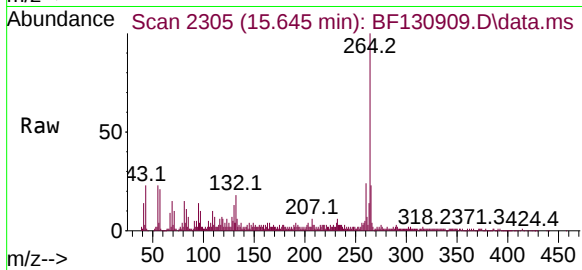
Acq: 01 Nov 2022 19:59

Instrument :

BNA_F

ClientSampleId :

LSP-SS-07-00-20



Tgt Ion:264 Resp: 106311

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 23.4 17.0 25.6

