

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
 Data File : BF130990.D
 Acq On : 04 Nov 2022 14:00
 Operator : CG\JU
 Sample : N5335-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Nov 05 00:37:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

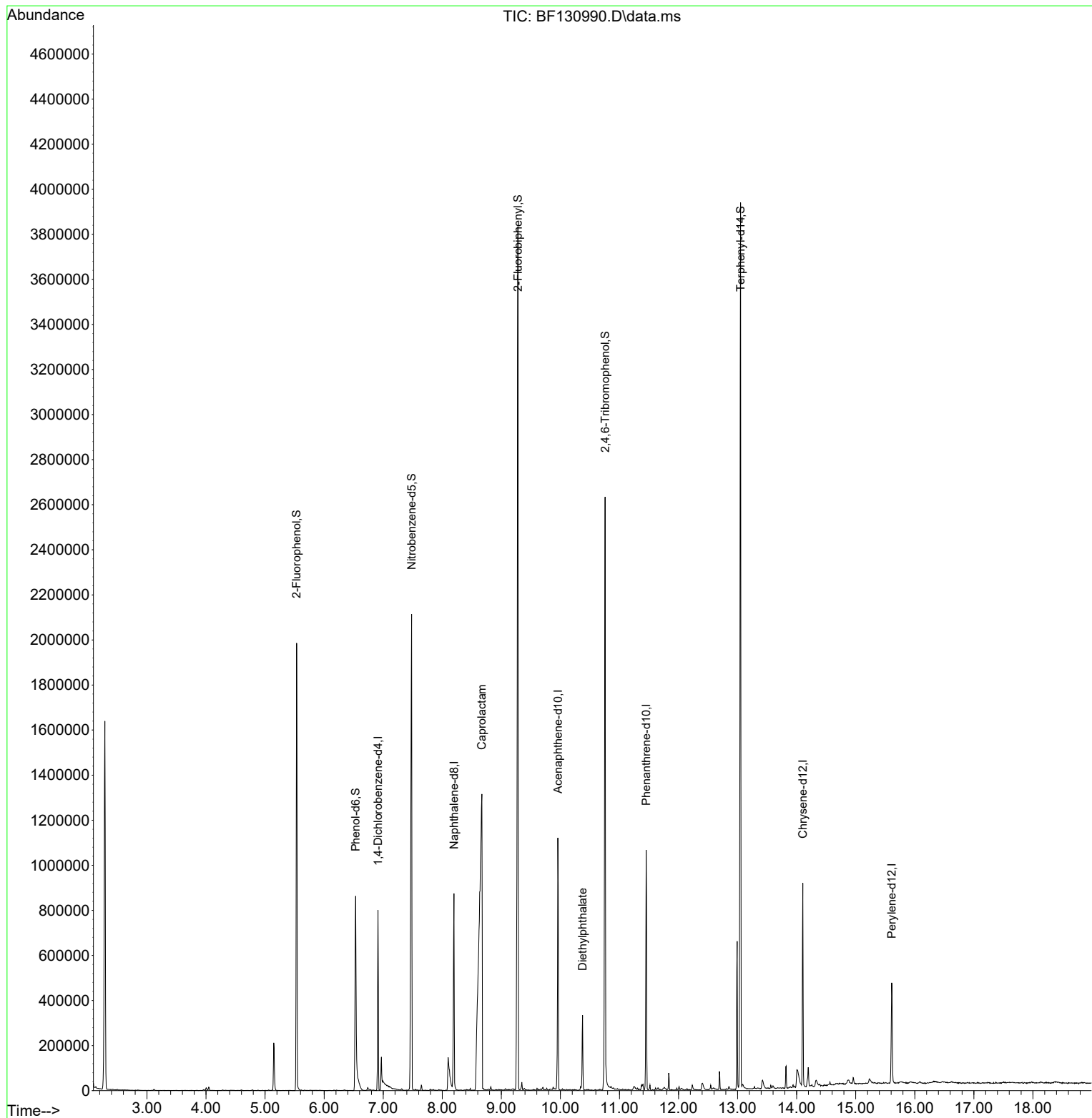
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	110388	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	388941	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	232964	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	382120	20.000	ng	0.00
76) Chrysene-d12	14.104	240	285412	20.000	ng	0.00
86) Perylene-d12	15.610	264	201934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	503881	79.133	ng	0.00
7) Phenol-d6	6.534	99	405629	49.021	ng	0.00
23) Nitrobenzene-d5	7.481	82	857438	132.932	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	328145	167.328	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1347584	87.455	ng	0.00
79) Terphenyl-d14	13.051	244	1423401	91.388	ng	0.00
Target Compounds						
35) Caprolactam	8.669	113	418821	229.506	ng	Qvalue 99
60) Diethylphthalate	10.375	149	111822	7.106	ng	98

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

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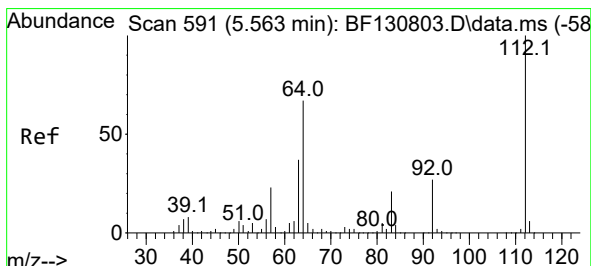
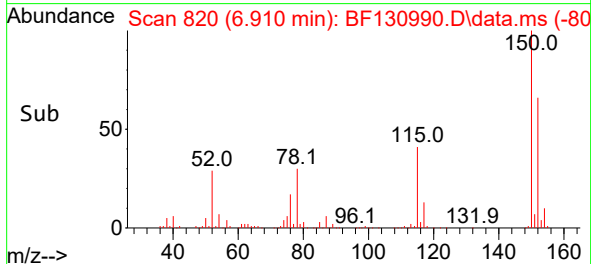
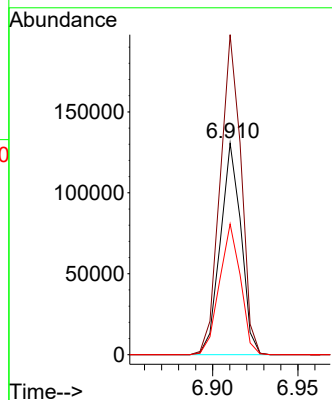
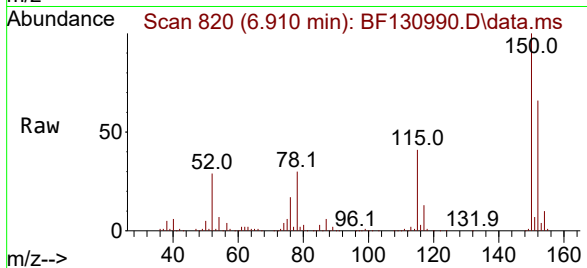




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

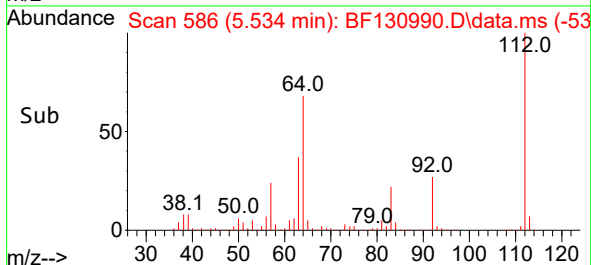
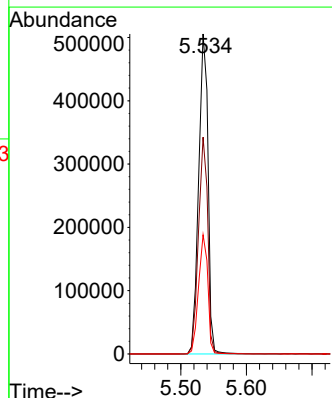
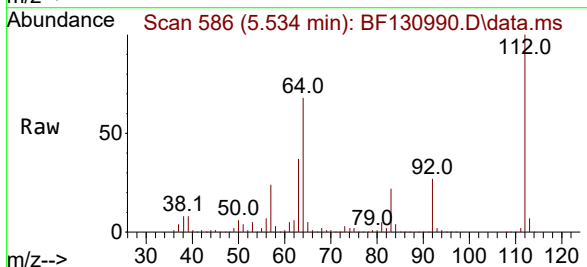
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 110388
Ion Ratio Lower Upper
152 100
150 151.2 124.1 186.1
115 61.8 50.1 75.1



#5
2-Fluorophenol
Concen: 79.133 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion:112 Resp: 503881
Ion Ratio Lower Upper
112 100
64 67.7 53.9 80.9
63 37.3 29.4 44.2

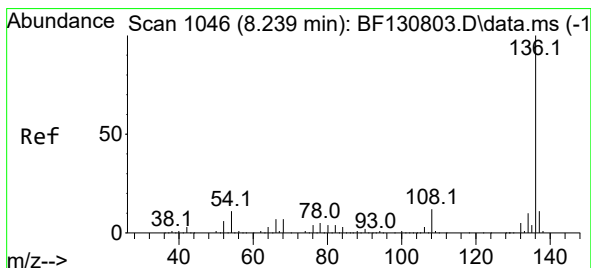
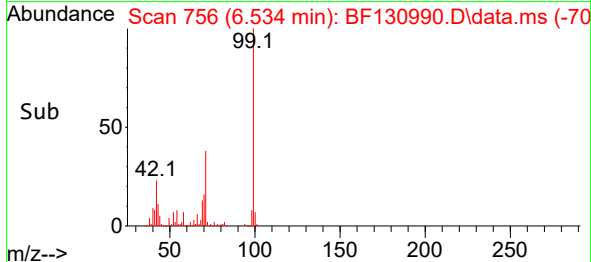
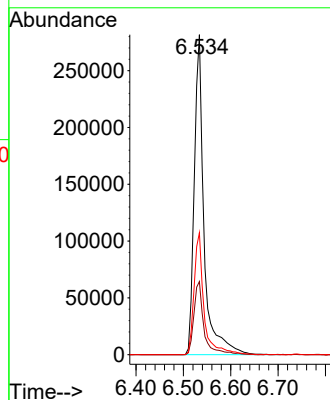
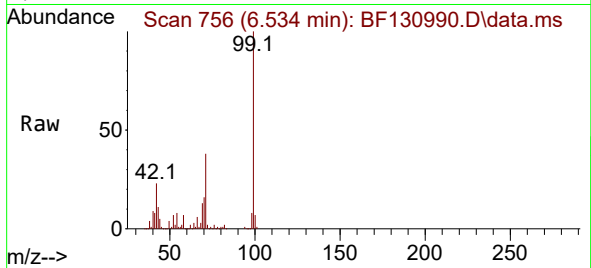




#7
Phenol-d6
Concen: 49.021 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

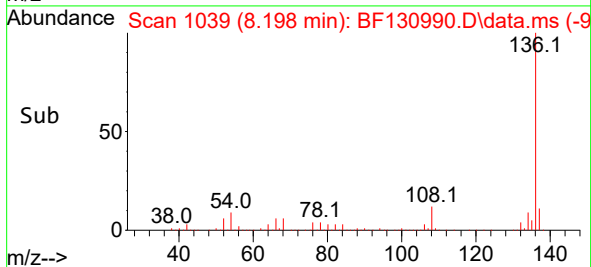
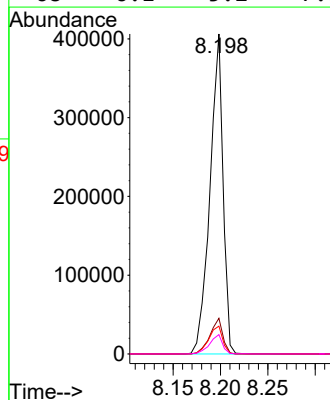
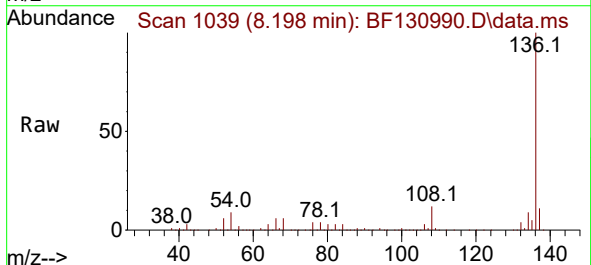
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 99 Resp: 405629
Ion Ratio Lower Upper
99 100
42 22.8 18.8 28.2
71 38.1 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion: 136 Resp: 388941
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.7 8.8 13.2#
68 6.1 5.2 7.8

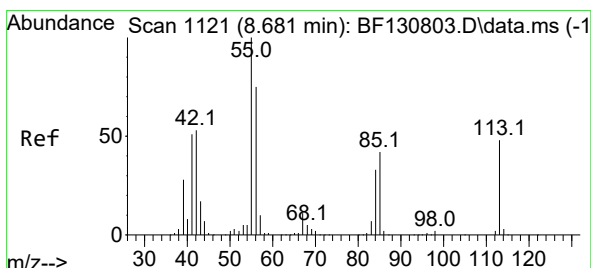
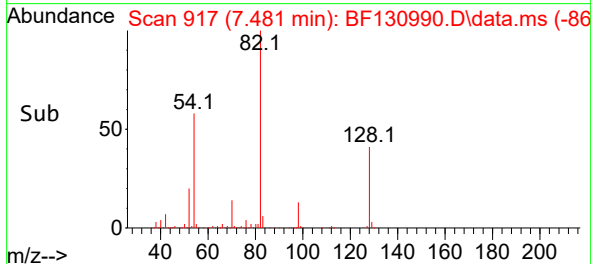
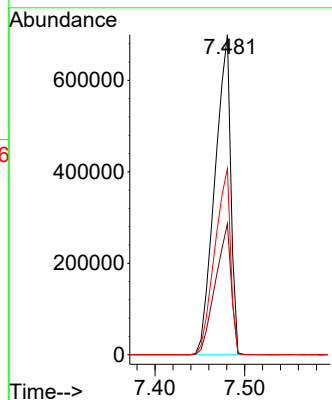
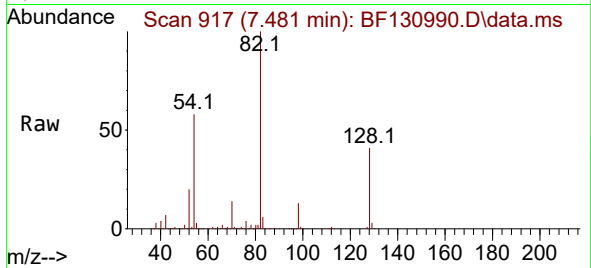




#23
Nitrobenzene-d5
Concen: 132.932 ng
RT: 7.481 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

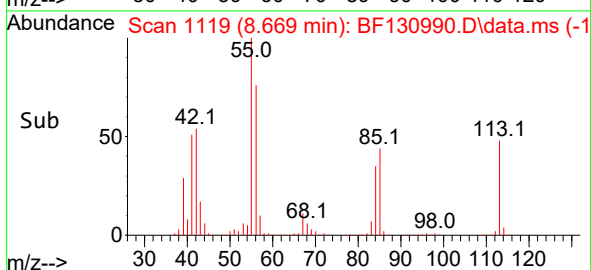
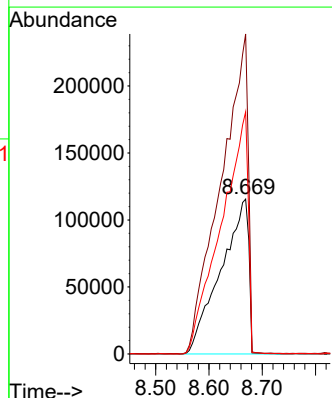
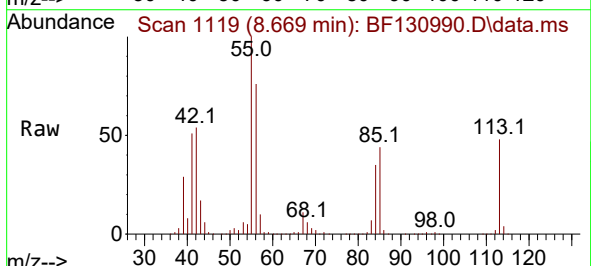
Instrument :
BNA_F
ClientSampleId :
SB-2

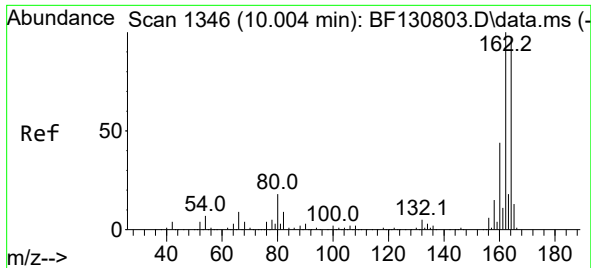
Tgt Ion: 82 Resp: 857438
Ion Ratio Lower Upper
82 100
128 40.9 31.2 46.8
54 58.2 48.0 72.0



#35
Caprolactam
Concen: 229.506 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.024 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion: 113 Resp: 418821
Ion Ratio Lower Upper
113 100
55 206.7 187.0 227.0
56 156.4 134.2 174.2

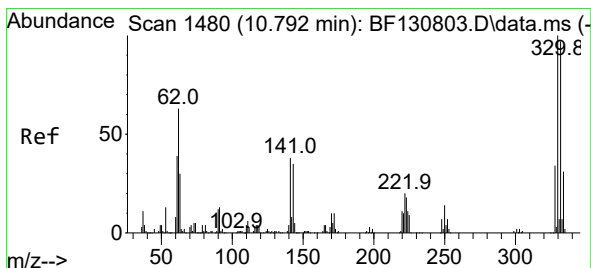
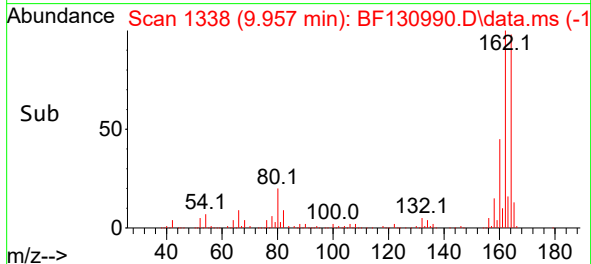
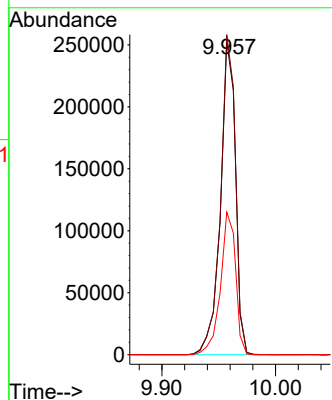
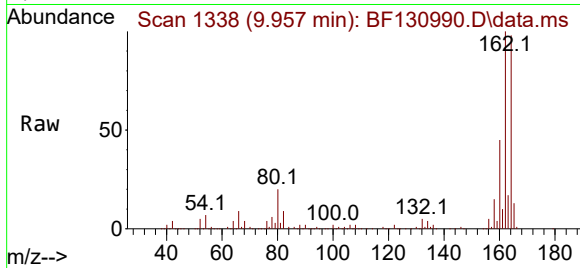




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

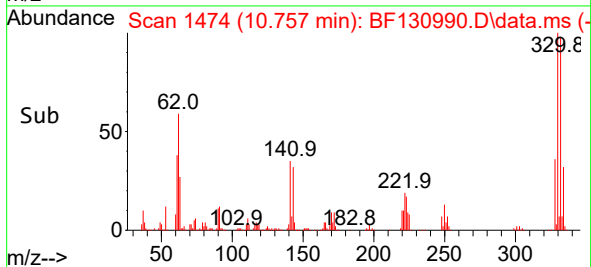
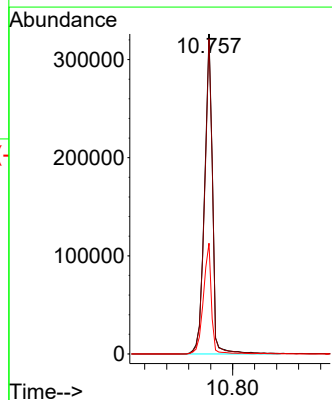
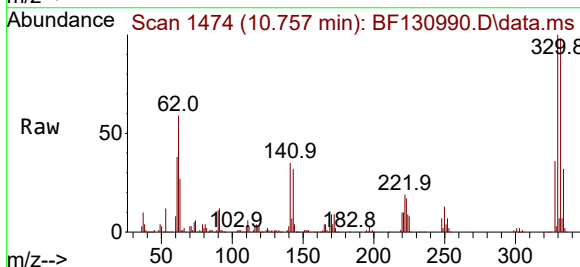
Instrument :
BNA_F
ClientSampleId :
SB-2

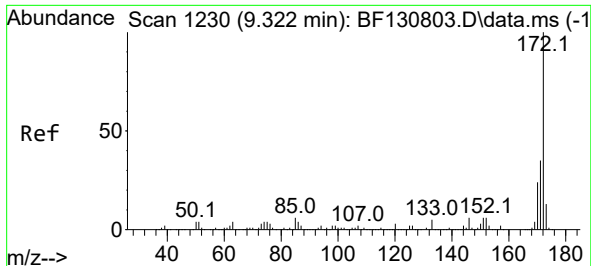
Tgt Ion:164 Resp: 232964
Ion Ratio Lower Upper
164 100
162 102.1 82.2 123.2
160 45.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 167.328 ng
RT: 10.757 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion:330 Resp: 328145
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 35.1 31.4 47.0





#45

2-Fluorobiphenyl

Concen: 87.455 ng

RT: 9.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130990.D

Acq: 04 Nov 2022 14:00

Instrument :

BNA_F

ClientSampleId :

SB-2

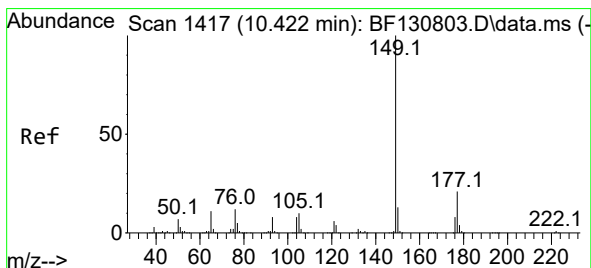
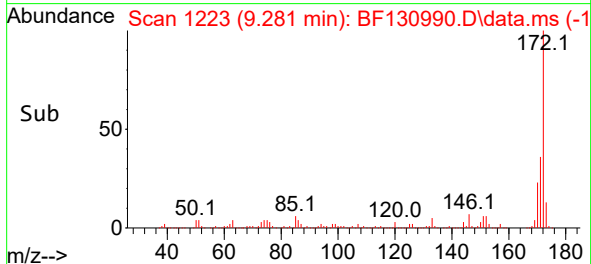
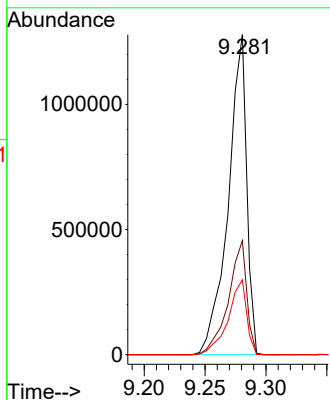
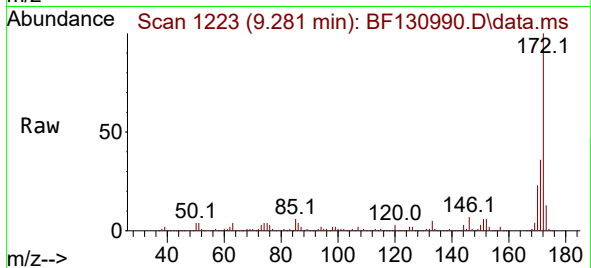
Tgt Ion:172 Resp: 1347584

Ion Ratio Lower Upper

172 100

171 35.6 28.1 42.1

170 23.4 19.0 28.4



#60

Diethylphthalate

Concen: 7.106 ng

RT: 10.375 min Scan# 1409

Delta R.T. -0.012 min

Lab File: BF130990.D

Acq: 04 Nov 2022 14:00

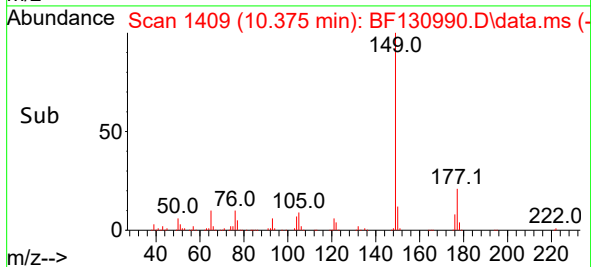
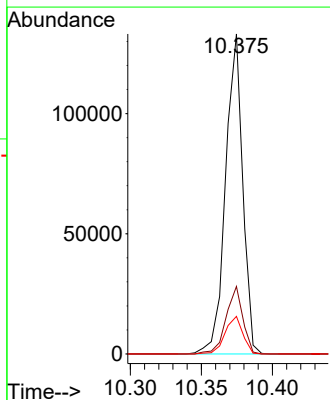
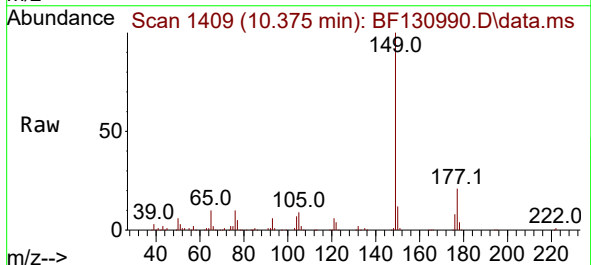
Tgt Ion:149 Resp: 111822

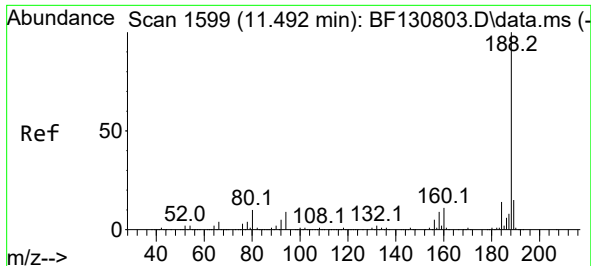
Ion Ratio Lower Upper

149 100

177 21.1 17.2 25.8

150 11.7 10.8 16.2

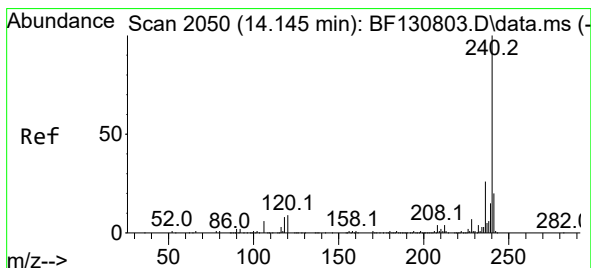
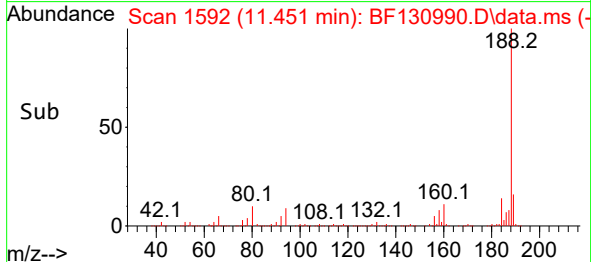
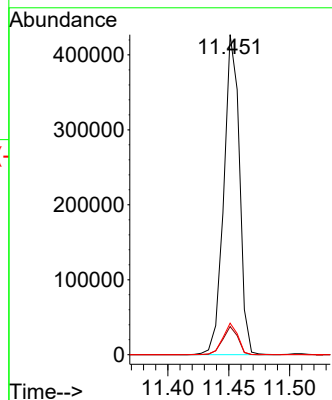
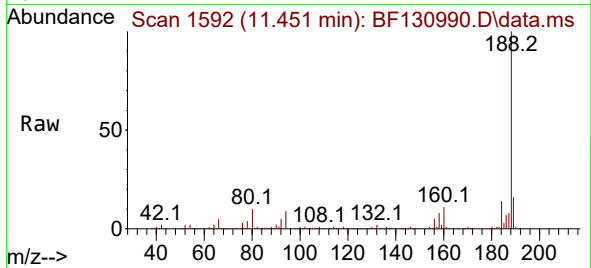




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

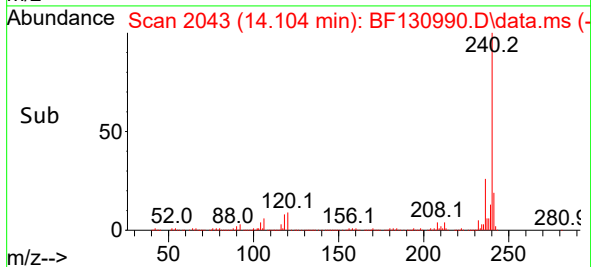
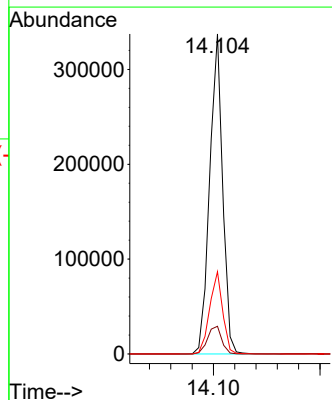
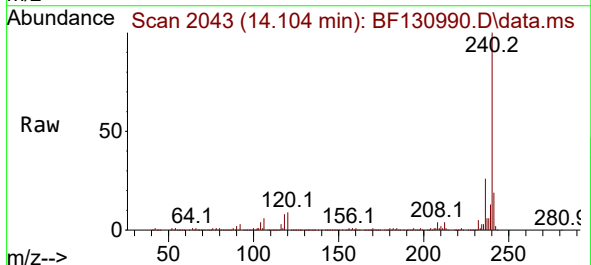
Instrument :
BNA_F
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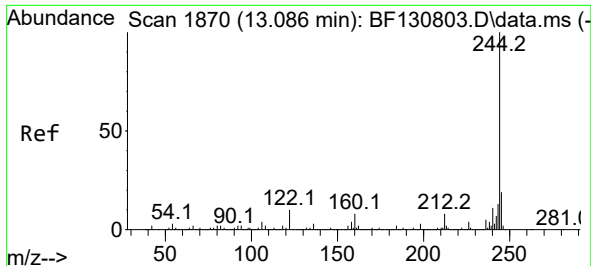
Tgt Ion:188 Resp: 382120
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF130990.D
Acq: 04 Nov 2022 14:00

Tgt Ion:240 Resp: 285412
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 25.7 20.5 30.7

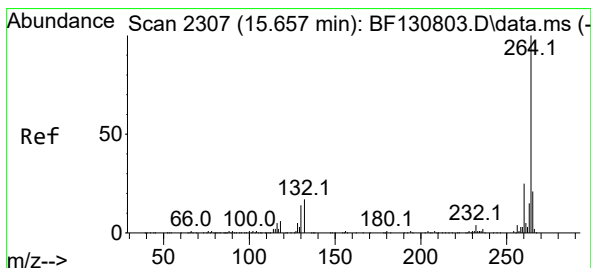
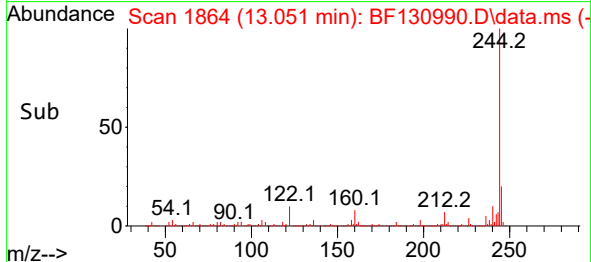
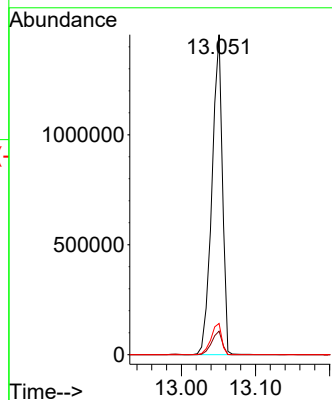
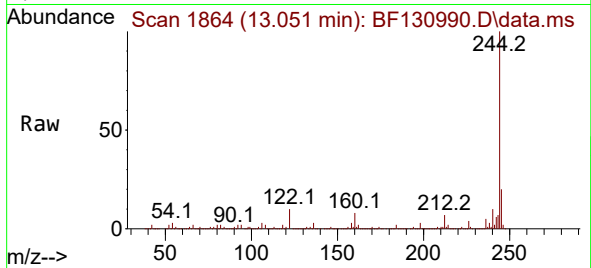




#79
 Terphenyl-d14
 Concen: 91.388 ng
 RT: 13.051 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130990.D
 Acq: 04 Nov 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 1423401
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 9.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: BF130990.D
 Acq: 04 Nov 2022 14:00

Tgt Ion:264 Resp: 201934
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.9 29.9
 265 21.7 17.0 25.6

