

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131622.D
 Acq On : 13 Dec 2022 20:25
 Operator : CG\JU
 Sample : N5965-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-P

Quant Time: Dec 14 03:35:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

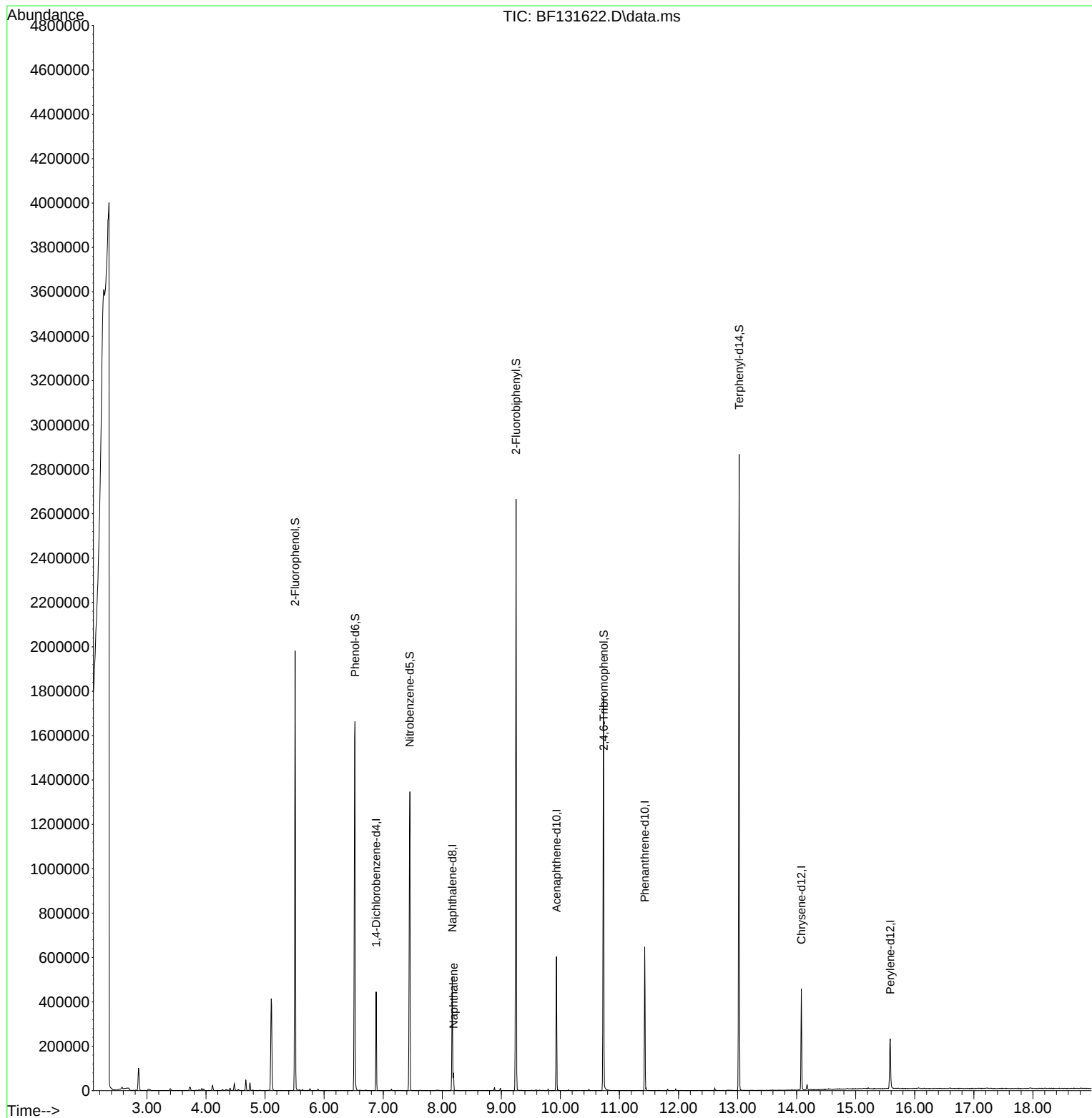
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54916	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	198075	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	111921	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	216383	20.000	ng	0.00
76) Chrysene-d12	14.080	240	143841	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	107886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	472822	143.638	ng	0.01
7) Phenol-d6	6.522	99	582989	135.151	ng	0.00
23) Nitrobenzene-d5	7.451	82	458867	87.584	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	196956	158.391	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	790110	89.012	ng	0.00
79) Terphenyl-d14	13.027	244	990681	94.453	ng	0.00
Target Compounds						
31) Naphthalene	8.192	128	30551	2.738	ng	Qvalue 97

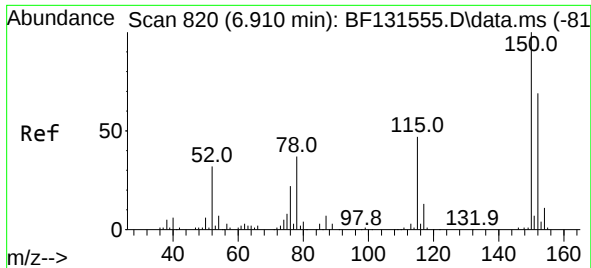
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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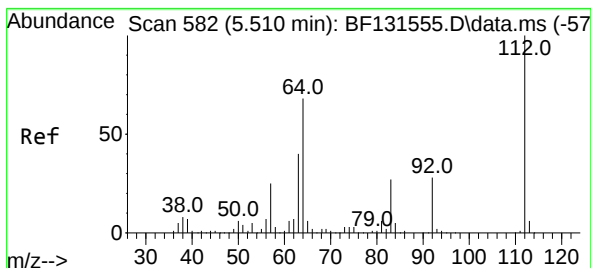
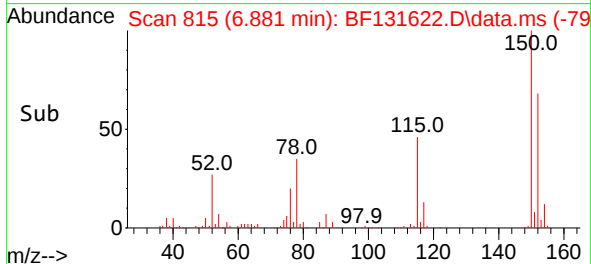
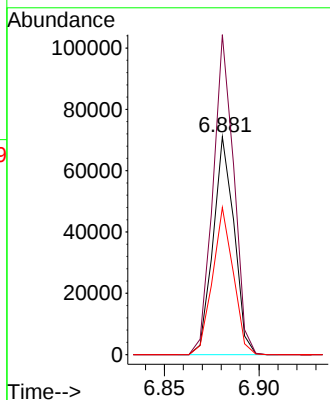
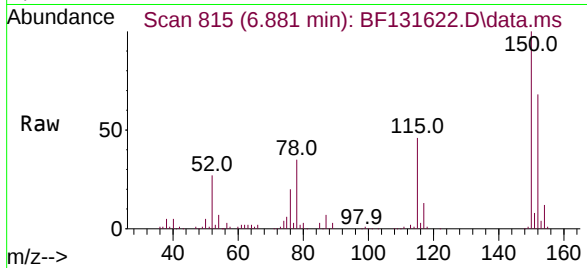




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131622.D
 Acq: 13 Dec 2022 20:25

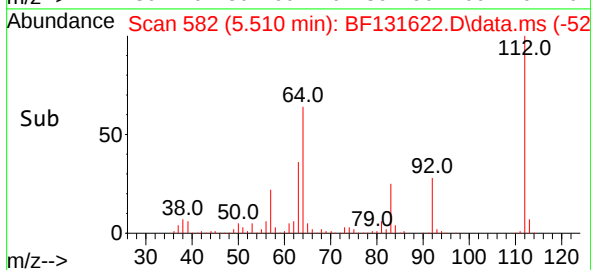
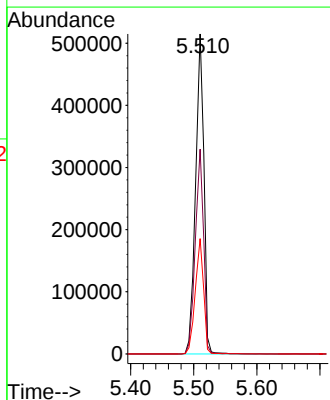
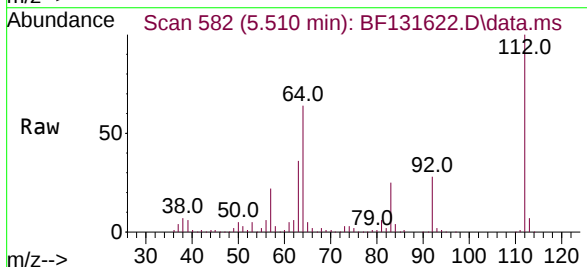
Instrument :
 BNA_F
 ClientSampleId :
 TP-P

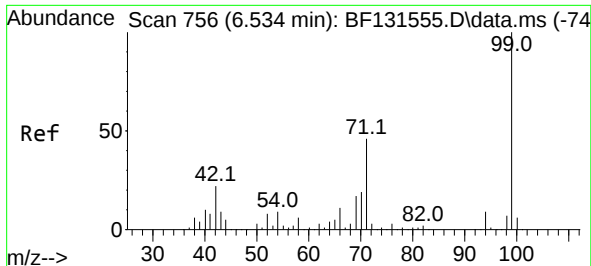
Tgt Ion:152 Resp: 54916
 Ion Ratio Lower Upper
 152 100
 150 146.9 116.7 175.1
 115 67.5 54.6 82.0



#5
 2-Fluorophenol
 Concen: 143.638 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: BF131622.D
 Acq: 13 Dec 2022 20:25

Tgt Ion:112 Resp: 472822
 Ion Ratio Lower Upper
 112 100
 64 64.0 54.5 81.7
 63 36.0 31.9 47.9

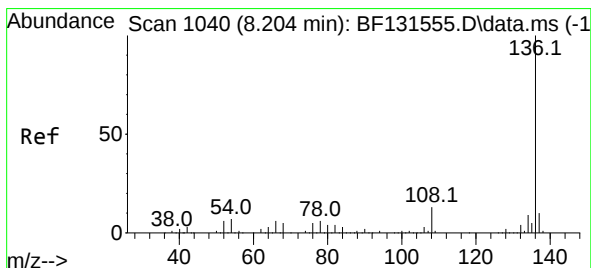
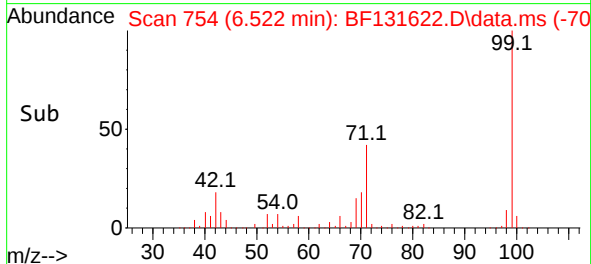
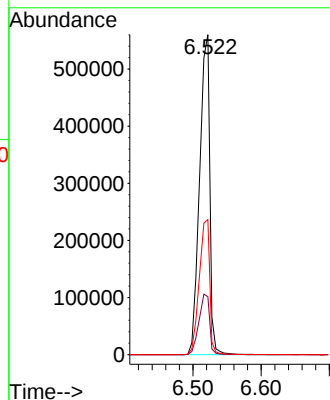
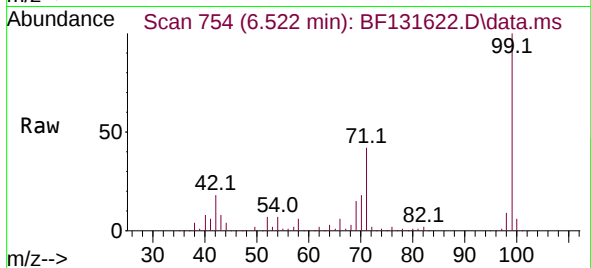




#7
Phenol-d6
Concen: 135.151 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

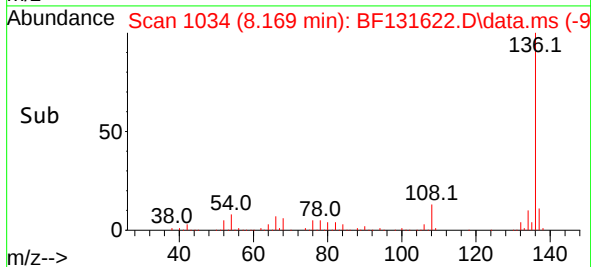
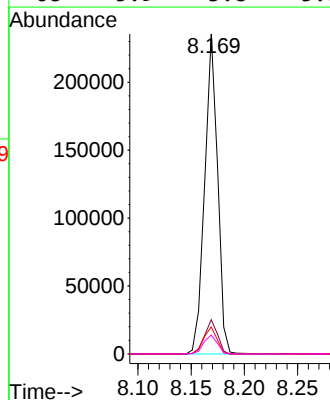
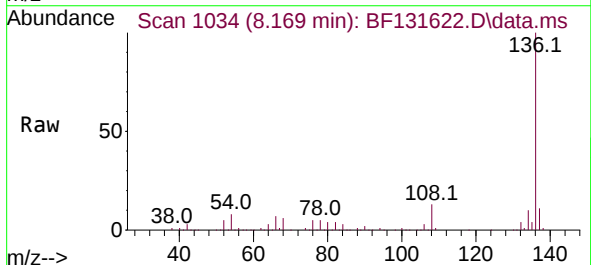
Instrument :
BNA_F
ClientSampleId :
TP-P

Tgt Ion: 99 Resp: 582989
Ion Ratio Lower Upper
99 100
42 18.1 17.9 26.9
71 42.2 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

Tgt Ion: 136 Resp: 198075
Ion Ratio Lower Upper
136 100
137 10.7 8.1 12.1
54 8.4 6.0 9.0
68 5.9 3.8 5.8

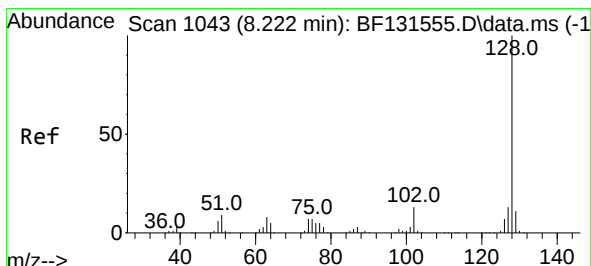
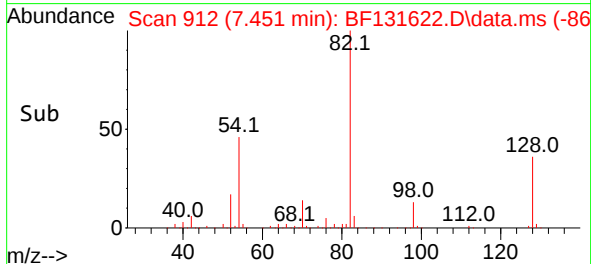
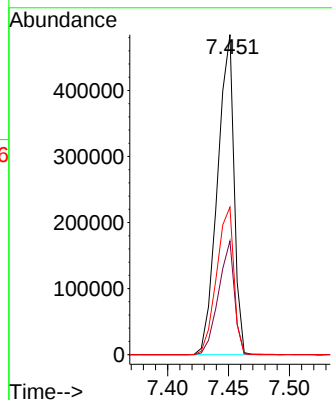
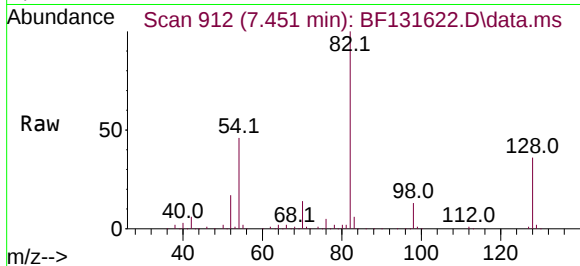




#23
 Nitrobenzene-d5
 Concen: 87.584 ng
 RT: 7.451 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BF131622.D
 Acq: 13 Dec 2022 20:25

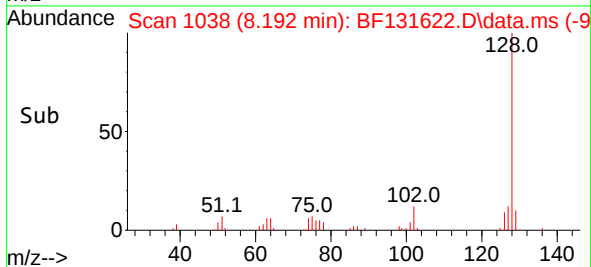
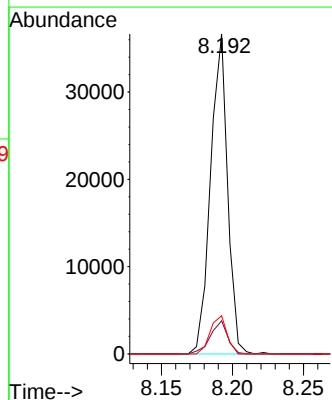
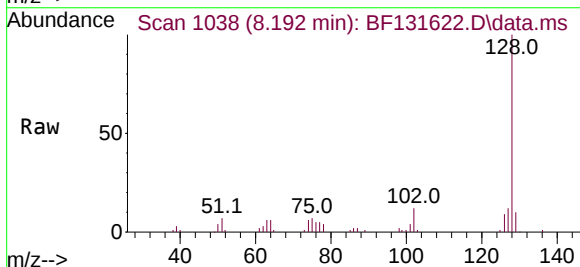
Instrument :
 BNA_F
 ClientSampleId :
 TP-P

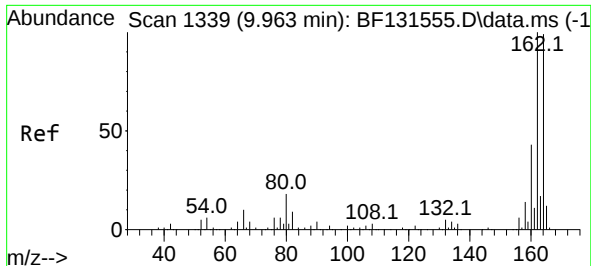
Tgt Ion: 82 Resp: 458867
 Ion Ratio Lower Upper
 82 100
 128 35.5 26.1 39.1
 54 46.1 40.6 60.8



#31
 Naphthalene
 Concen: 2.738 ng
 RT: 8.192 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: BF131622.D
 Acq: 13 Dec 2022 20:25

Tgt Ion: 128 Resp: 30551
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.9 13.3
 127 11.9 10.6 15.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1339

Delta R.T. -0.006 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

Instrument :

BNA_F

ClientSampleId :

TP-P

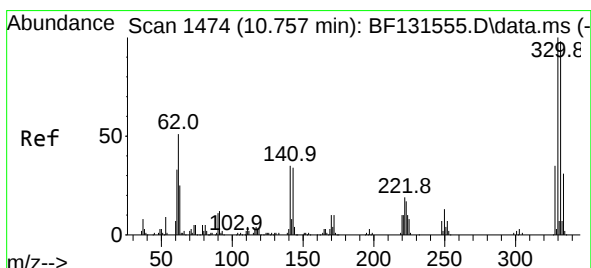
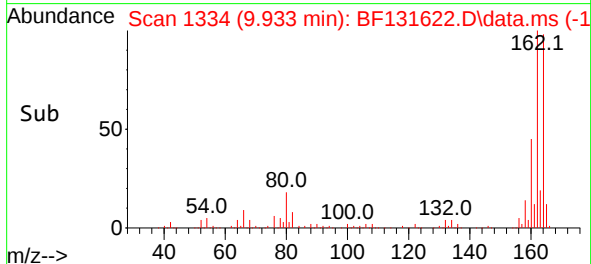
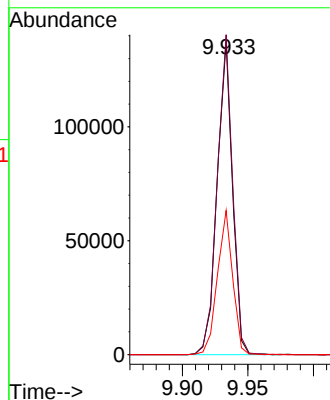
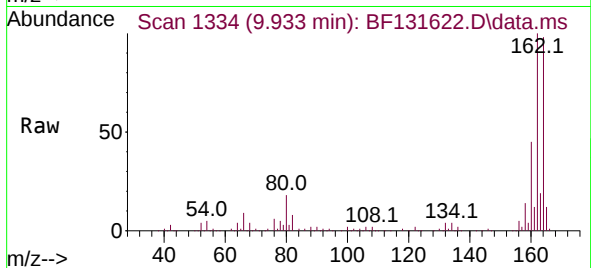
Tgt Ion:164 Resp: 111921

Ion Ratio Lower Upper

164 100

162 102.3 81.0 121.6

160 46.1 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 158.391 ng

RT: 10.733 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

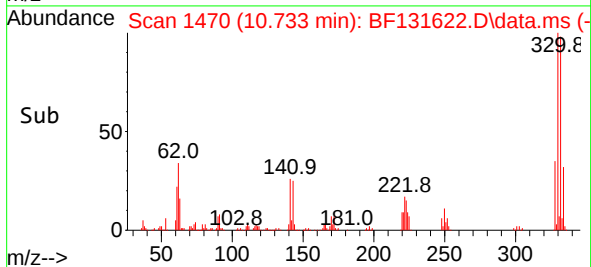
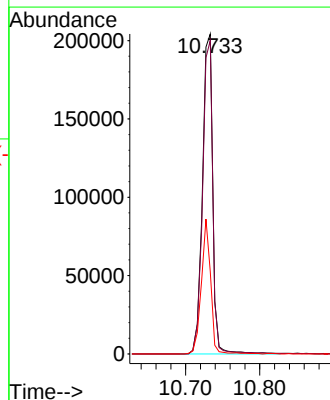
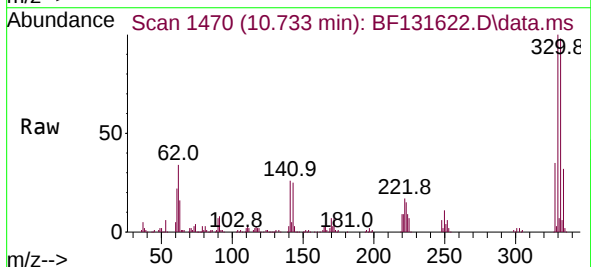
Tgt Ion:330 Resp: 196956

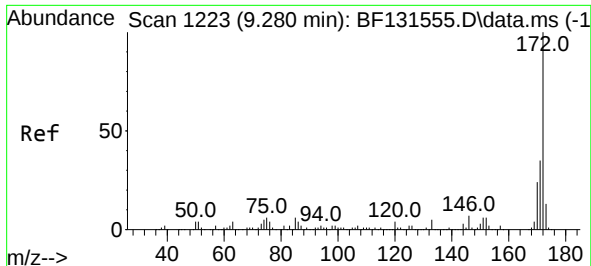
Ion Ratio Lower Upper

330 100

332 96.8 78.3 117.5

141 38.0 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 89.012 ng

RT: 9.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

Instrument :

BNA_F

ClientSampleId :

TP-P

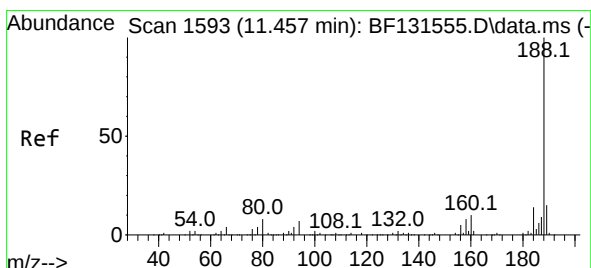
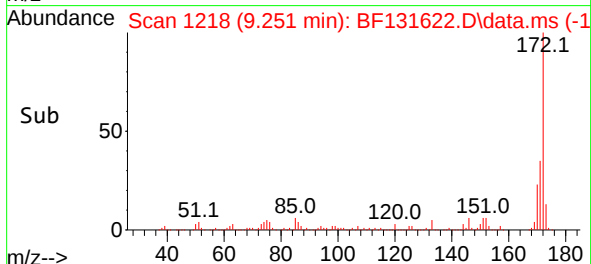
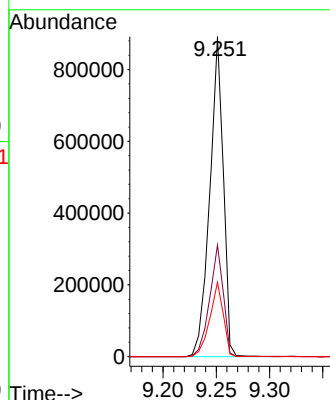
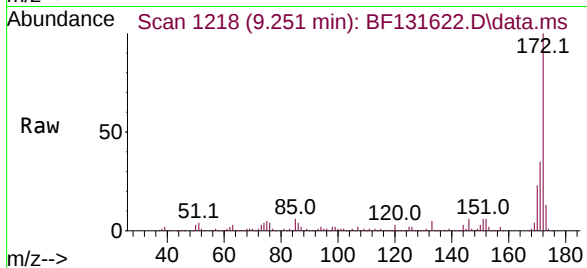
Tgt Ion:172 Resp: 790110

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.2 19.3 28.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF131622.D

Acq: 13 Dec 2022 20:25

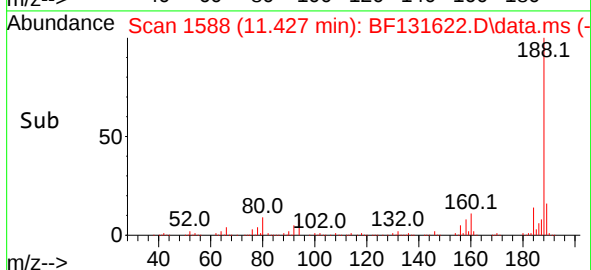
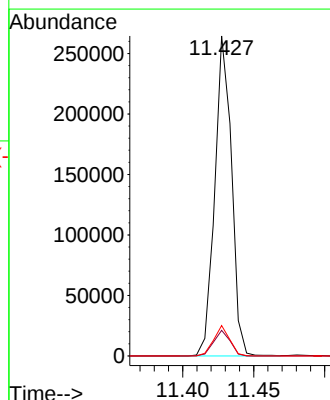
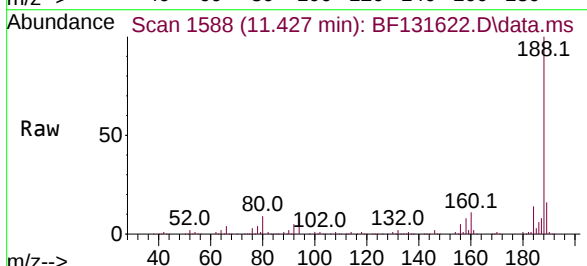
Tgt Ion:188 Resp: 216383

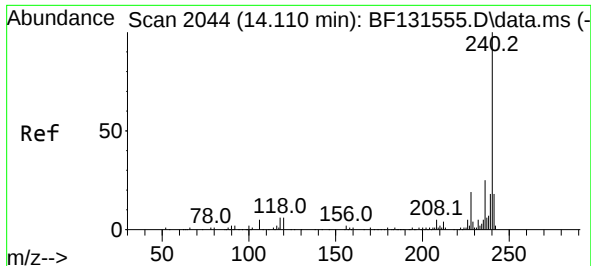
Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.5 6.6 10.0

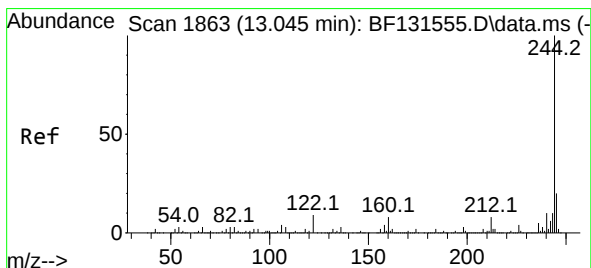
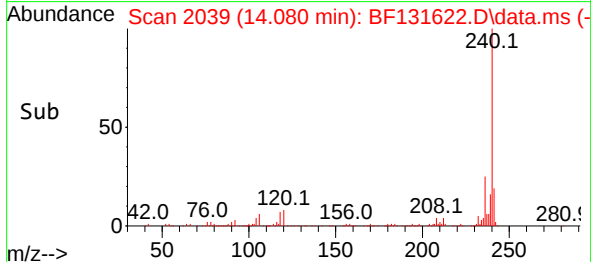
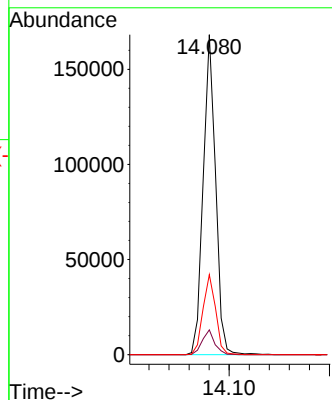
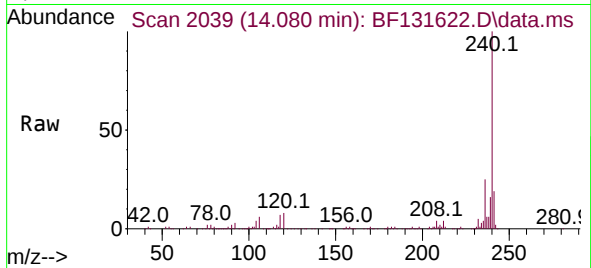




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

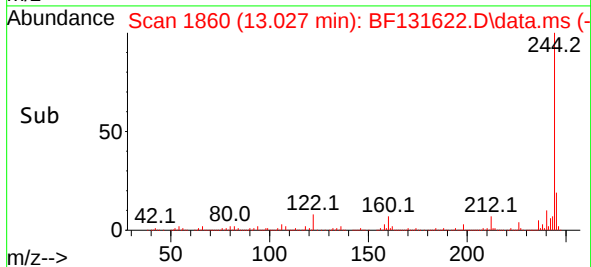
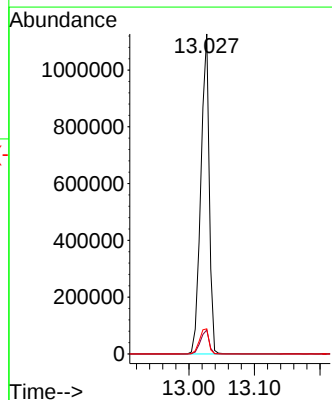
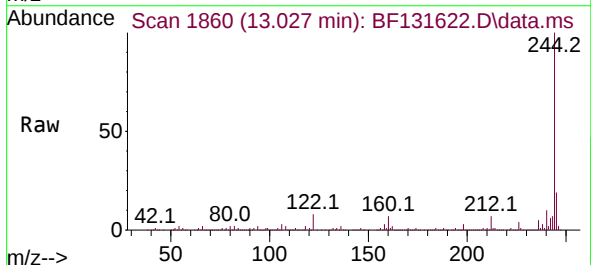
Instrument :
BNA_F
ClientSampleId :
TP-P

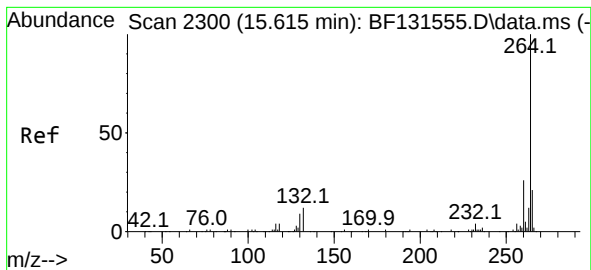
Tgt Ion:240 Resp: 143841
Ion Ratio Lower Upper
240 100
120 7.7 4.6 7.0#
236 25.0 20.2 30.2



#79
Terphenyl-d14
Concen: 94.453 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF131622.D
Acq: 13 Dec 2022 20:25

Tgt Ion:244 Resp: 990681
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 7.8 7.1 10.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131622.D
 Acq: 13 Dec 2022 20:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-P

Tgt Ion:264 Resp: 107886
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.6 30.8
 265 21.9 16.8 25.2

