

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131580.D
 Acq On : 09 Dec 2022 22:25
 Operator : CG\JU
 Sample : N5965-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-P

Quant Time: Dec 10 04:06:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

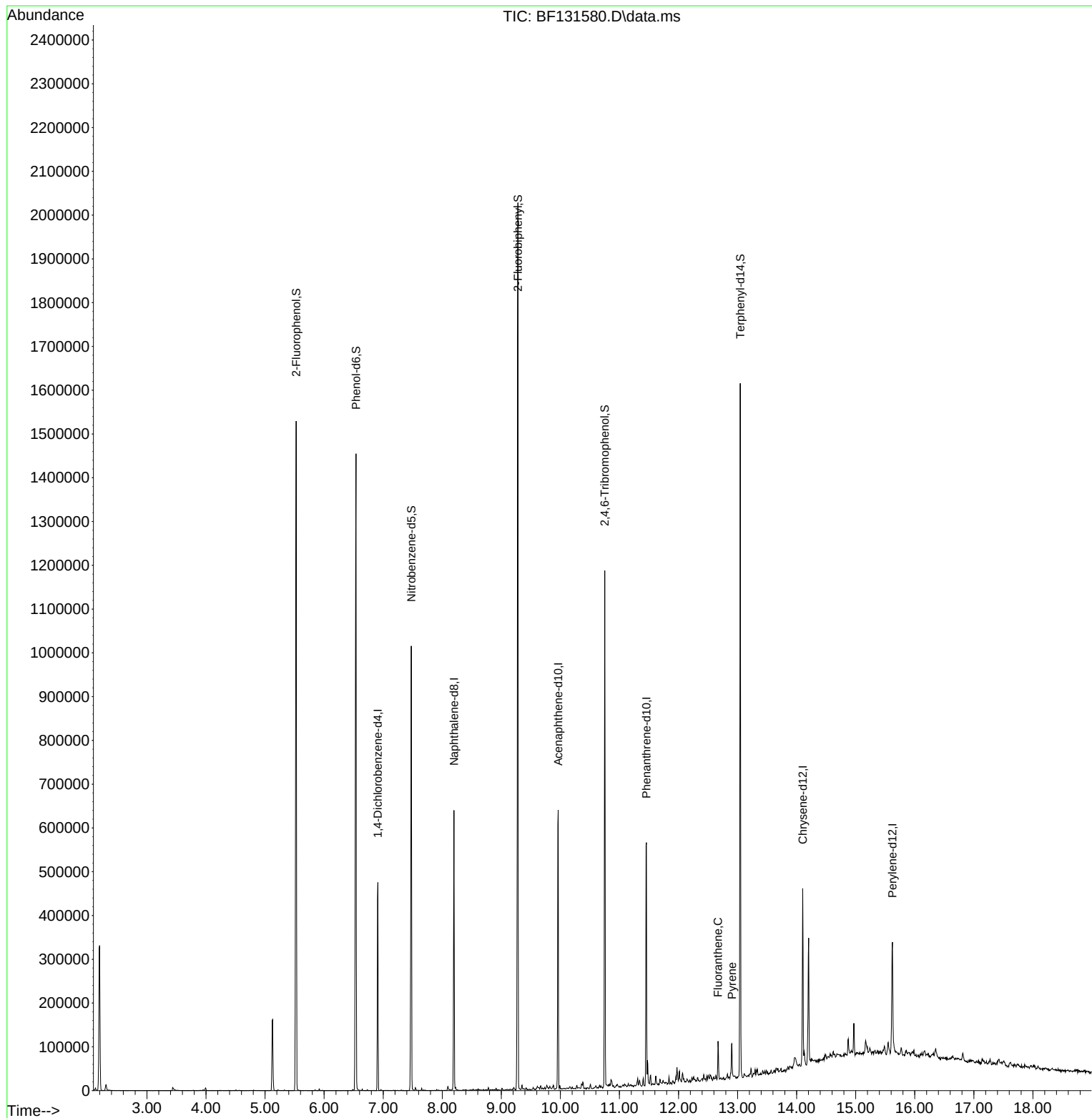
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	65130	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	228095	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	123687	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	206669	20.000	ng	0.00
76) Chrysene-d12	14.104	240	122463	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	127515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	357318	91.526	ng	0.02
7) Phenol-d6	6.539	99	465896	91.068	ng	0.00
23) Nitrobenzene-d5	7.475	82	323886	53.684	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	113402	82.522	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	579510	59.076	ng	0.00
79) Terphenyl-d14	13.045	244	474236	53.107	ng	0.00
Target Compounds						
75) Fluoranthene	12.668	202	31467	2.653	ng	Qvalue 97
78) Pyrene	12.904	202	33957	2.812	ng	98

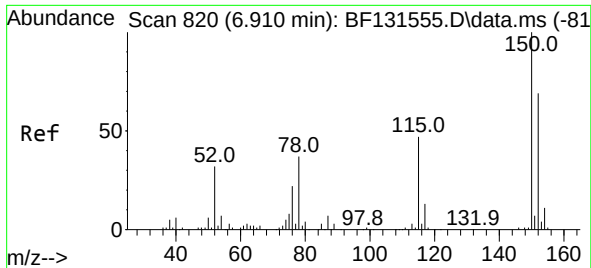
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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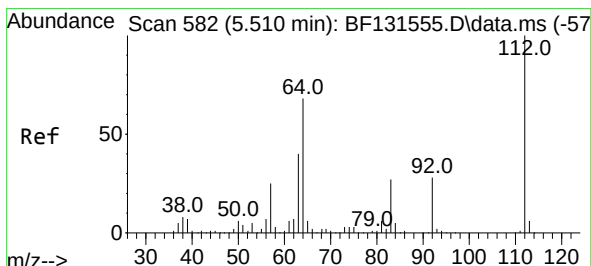
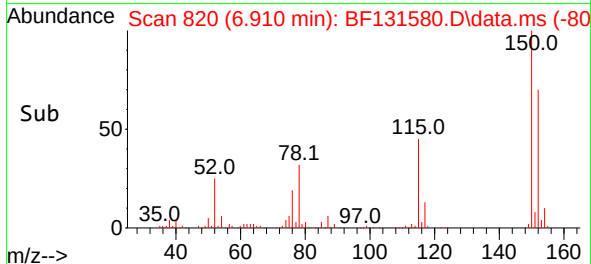
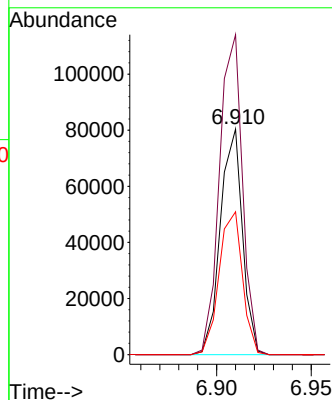
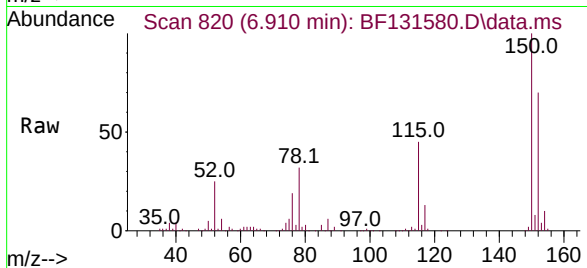




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131580.D
 Acq: 09 Dec 2022 22:25

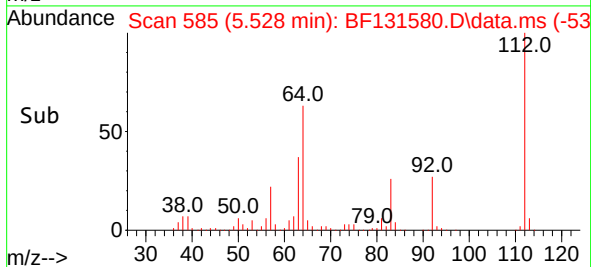
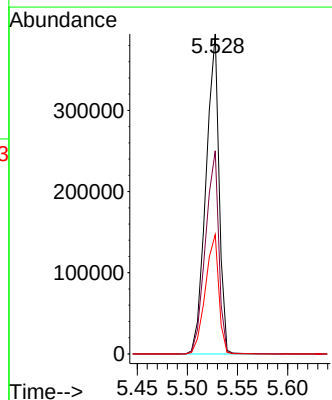
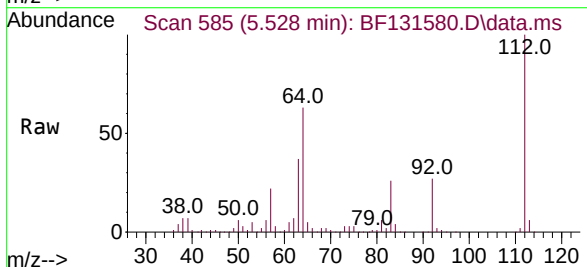
Instrument :
 BNA_F
 ClientSampleId :
 TP-P

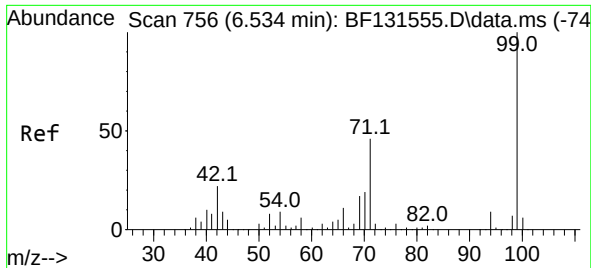
Tgt Ion:152 Resp: 65130
 Ion Ratio Lower Upper
 152 100
 150 141.9 116.7 175.1
 115 63.3 54.6 82.0



#5
 2-Fluorophenol
 Concen: 91.526 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.018 min
 Lab File: BF131580.D
 Acq: 09 Dec 2022 22:25

Tgt Ion:112 Resp: 357318
 Ion Ratio Lower Upper
 112 100
 64 63.5 54.5 81.7
 63 37.3 31.9 47.9





#7

Phenol-d6

Concen: 91.068 ng

RT: 6.539 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-P

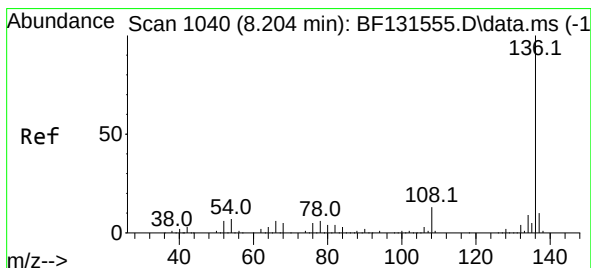
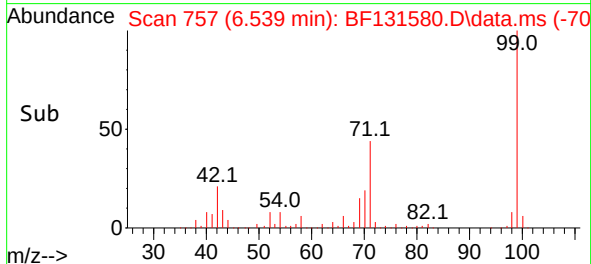
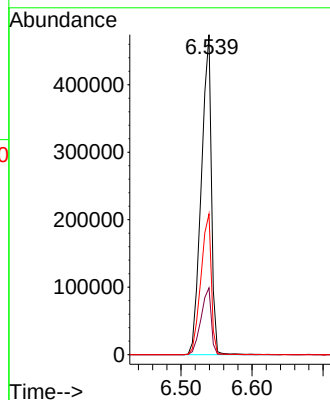
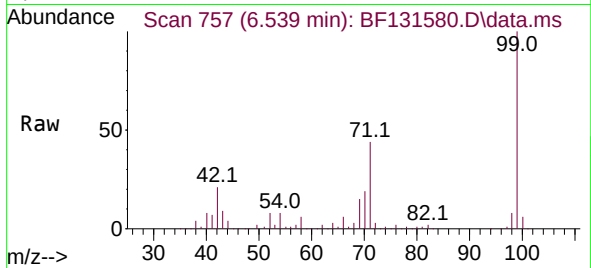
Tgt Ion: 99 Resp: 465896

Ion Ratio Lower Upper

99 100

42 20.9 17.9 26.9

71 43.9 37.2 55.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

Tgt Ion: 136 Resp: 228095

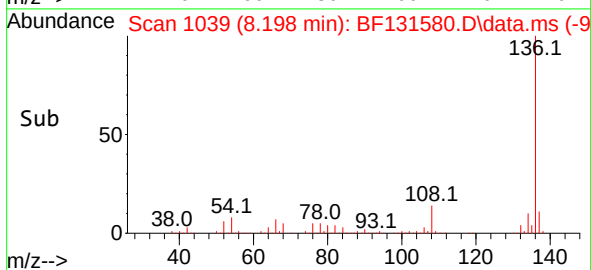
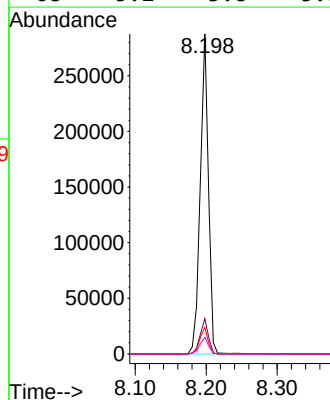
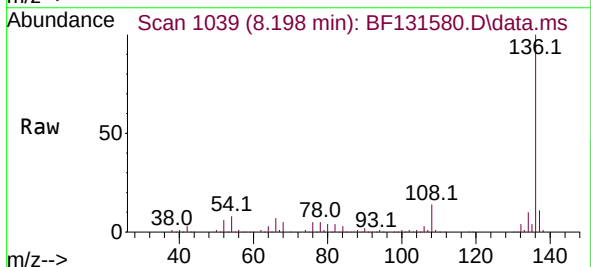
Ion Ratio Lower Upper

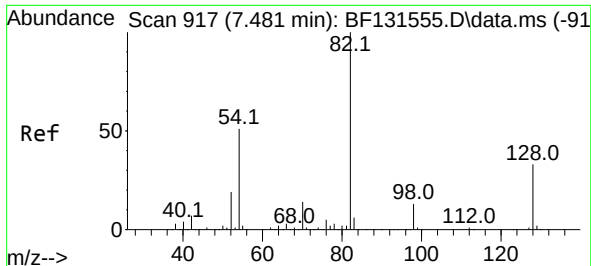
136 100

137 11.0 8.1 12.1

54 8.2 6.0 9.0

68 5.2 3.8 5.8

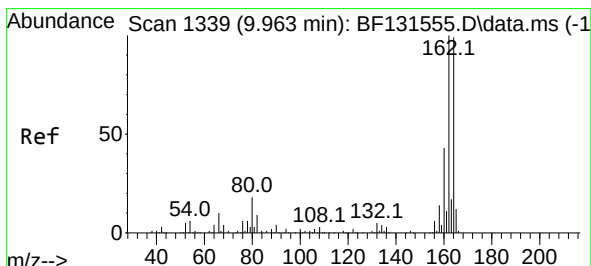
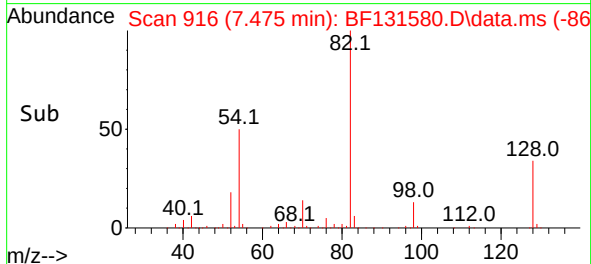
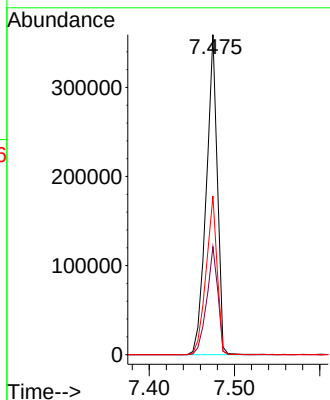
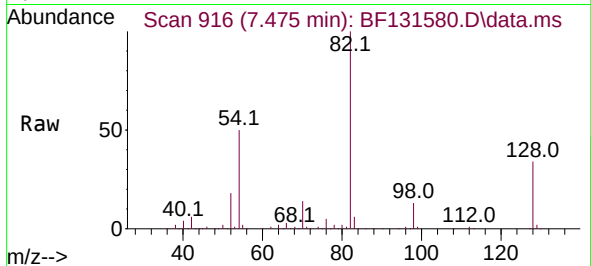




#23
Nitrobenzene-d5
Concen: 53.684 ng
RT: 7.475 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

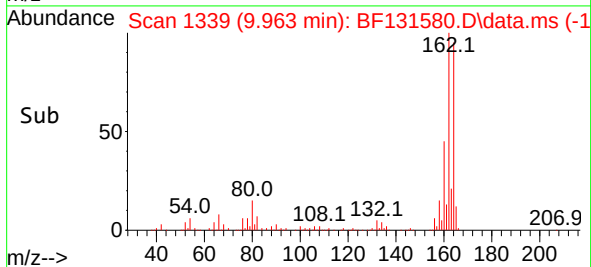
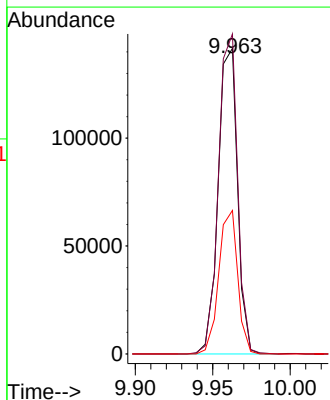
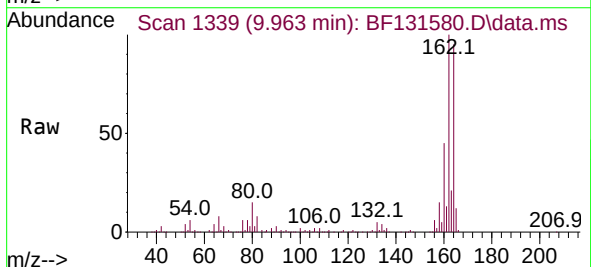
Instrument :
BNA_F
ClientSampleId :
TP-P

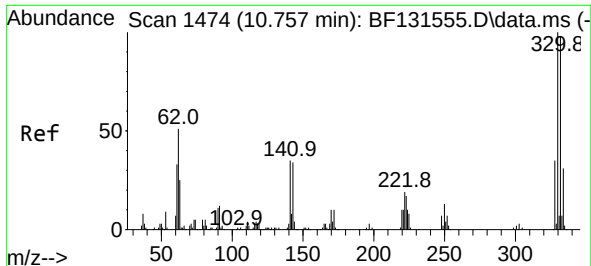
Tgt Ion: 82 Resp: 323886
Ion Ratio Lower Upper
82 100
128 33.7 26.1 39.1
54 49.6 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:164 Resp: 123687
Ion Ratio Lower Upper
164 100
162 104.7 81.0 121.6
160 47.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 82.522 ng

RT: 10.751 min Scan# 1474

Delta R.T. -0.006 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

Instrument :

BNA_F

ClientSampleId :

TP-P

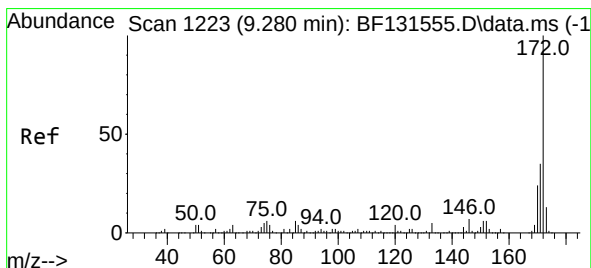
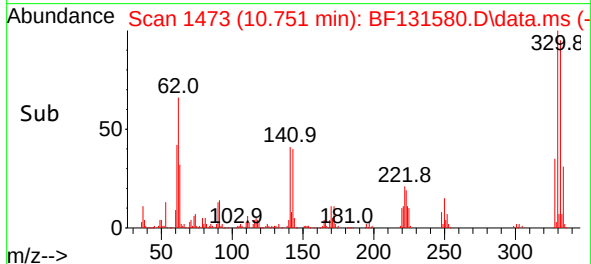
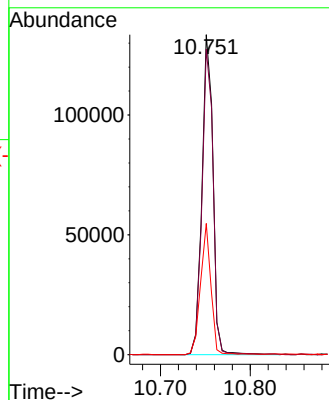
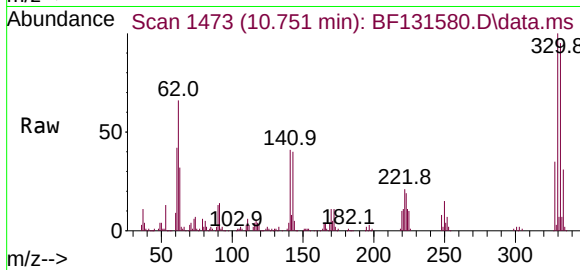
Tgt Ion:330 Resp: 113402

Ion Ratio Lower Upper

330 100

332 96.1 78.3 117.5

141 38.8 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 59.076 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF131580.D

Acq: 09 Dec 2022 22:25

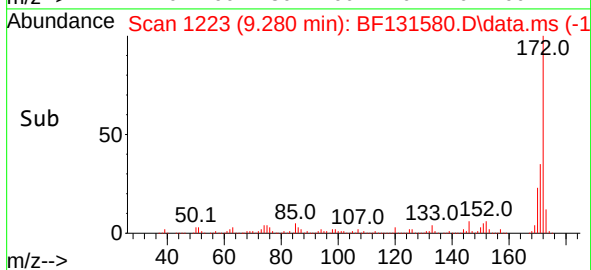
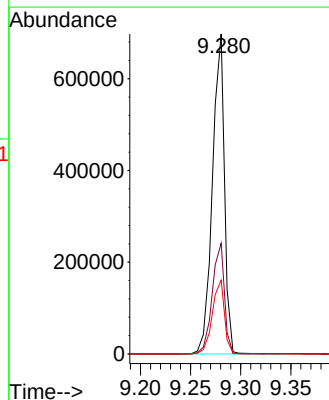
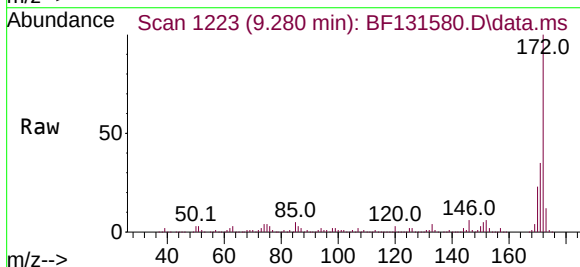
Tgt Ion:172 Resp: 579510

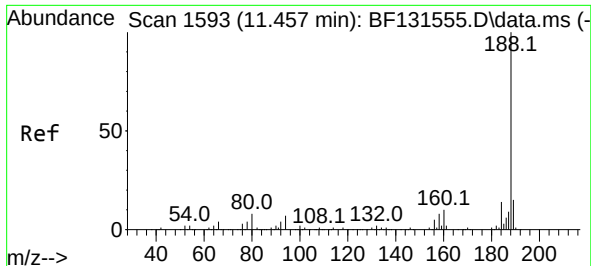
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.0 19.3 28.9

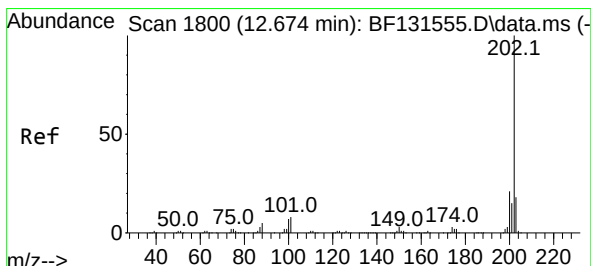
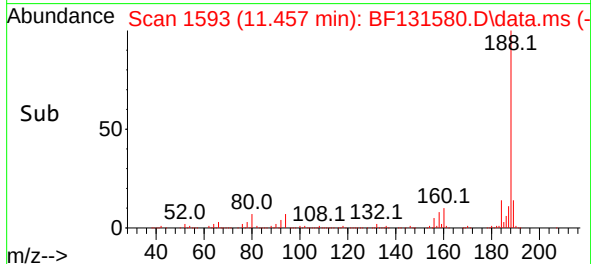
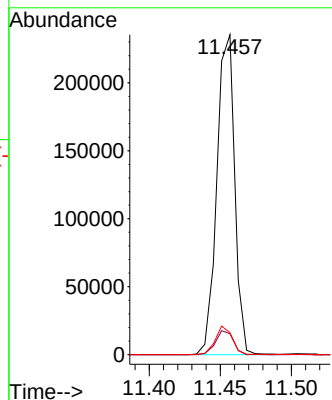
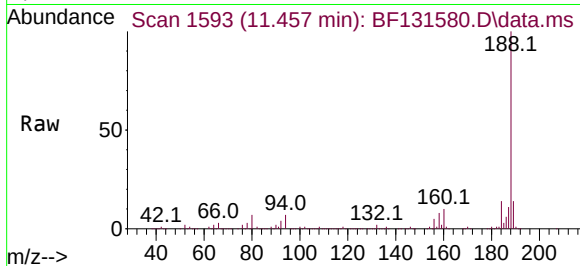




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

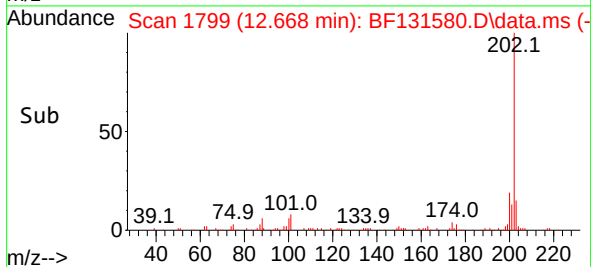
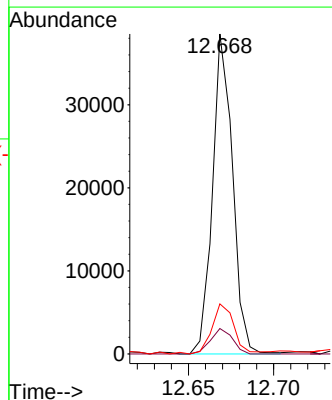
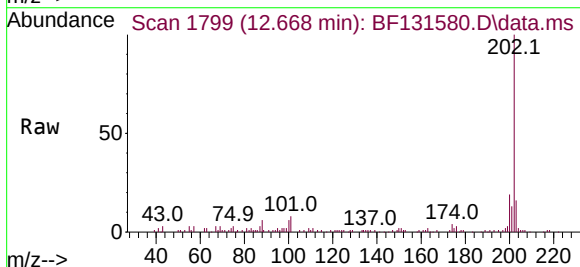
Instrument :
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TP-P

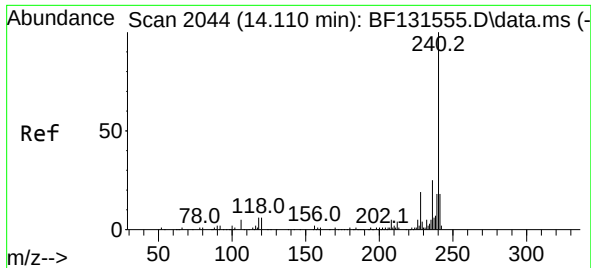
Tgt Ion:188 Resp: 206669
Ion Ratio Lower Upper
188 100
94 6.5 5.5 8.3
80 6.8 6.6 10.0



#75
Fluoranthene
Concen: 2.653 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

Tgt Ion:202 Resp: 31467
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 15.6 0.0 37.7

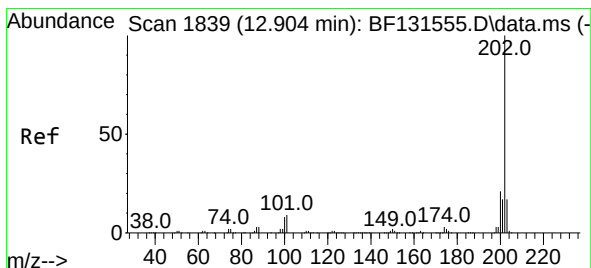
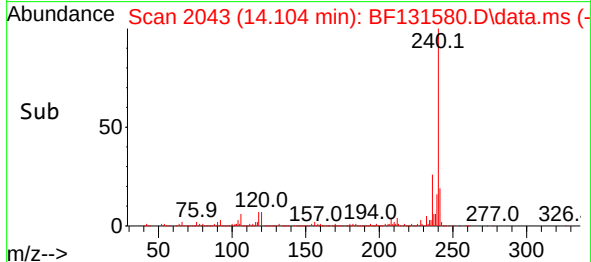
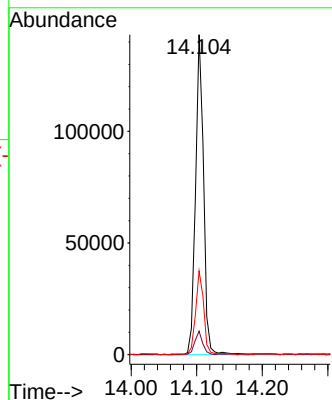
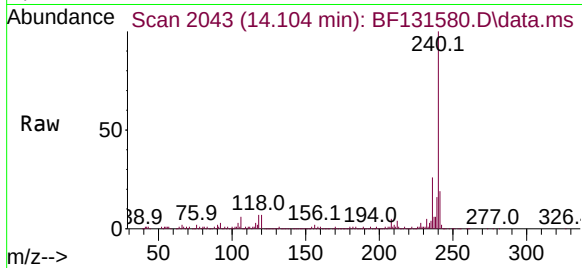




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

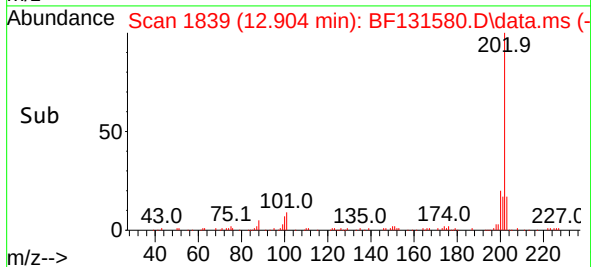
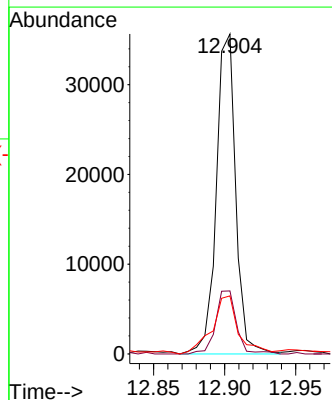
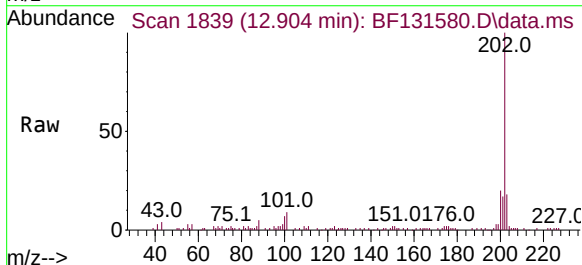
Instrument :
BNA_F
ClientSampleId :
TP-P

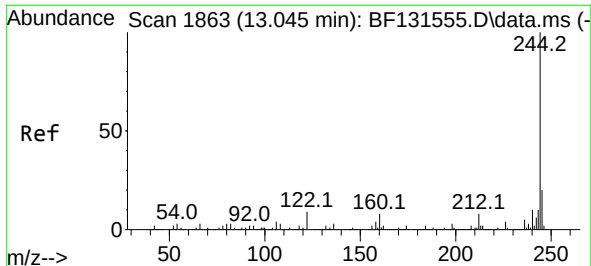
Tgt Ion:240 Resp: 122463
Ion Ratio Lower Upper
240 100
120 7.3 4.6 7.0#
236 26.2 20.2 30.2



#78
Pyrene
Concen: 2.812 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF131580.D
Acq: 09 Dec 2022 22:25

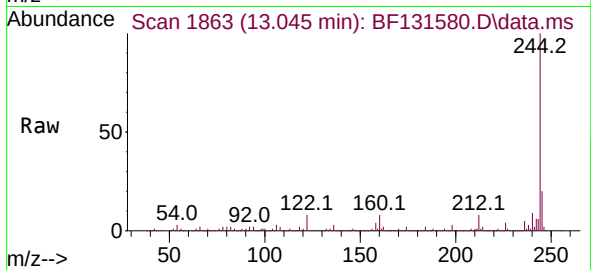
Tgt Ion:202 Resp: 33957
Ion Ratio Lower Upper
202 100
200 19.7 16.7 25.1
203 18.1 13.8 20.6



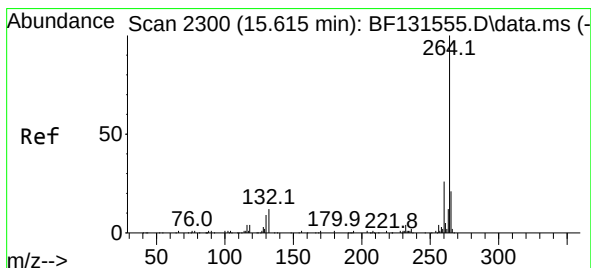
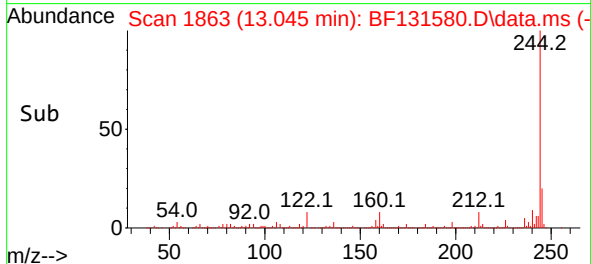
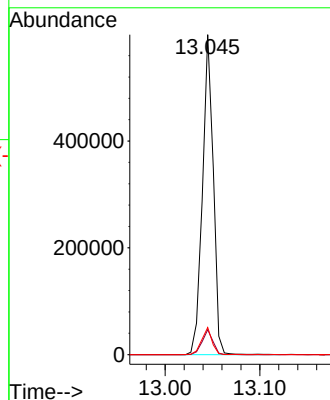


#79
 Terphenyl-d14
 Concen: 53.107 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF131580.D
 Acq: 09 Dec 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-P



Tgt Ion:244 Resp: 474236
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2301
 Delta R.T. 0.006 min
 Lab File: BF131580.D
 Acq: 09 Dec 2022 22:25

Tgt Ion:264 Resp: 127515
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.6 30.8
 265 22.7 16.8 25.2

