

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121922\
 Data File : BF131702.D
 Acq On : 19 Dec 2022 22:15
 Operator : CG\JU
 Sample : N6112-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121622

Quant Time: Dec 20 01:07:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 00:23:43 2022
 Response via : Initial Calibration

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

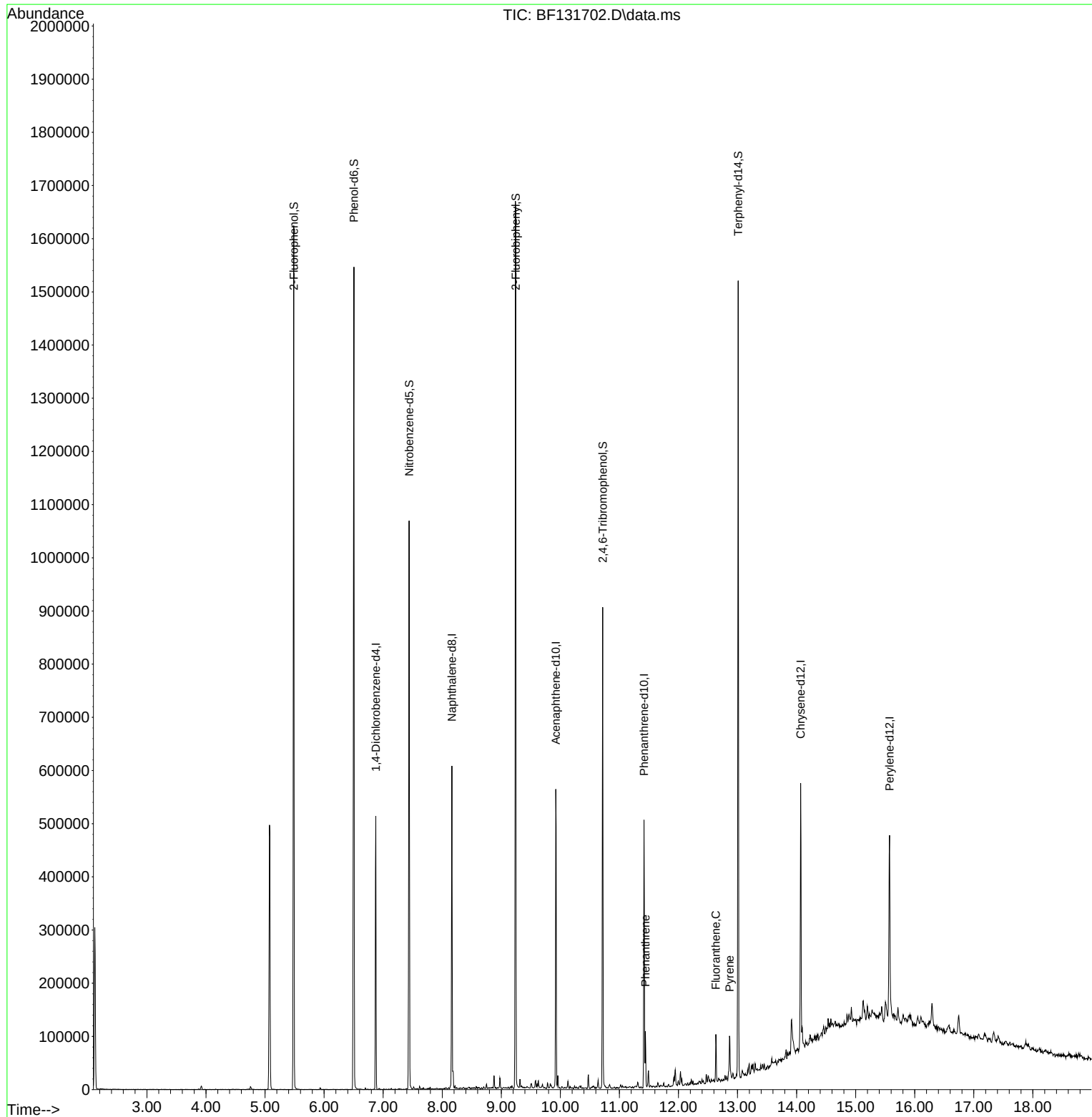
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66583	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	221313	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	108764	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	171737	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	155480	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	162157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	366265	91.770	ng	0.00
7) Phenol-d6	6.504	99	461697	88.278	ng	0.00
23) Nitrobenzene-d5	7.440	82	321105	54.854	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	84791	70.168	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	504224	58.453	ng	0.00
79) Terphenyl-d14	13.010	244	461860	40.738	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.439	178	33565	3.506	ng	98
75) Fluoranthene	12.633	202	33299	3.378	ng	98
78) Pyrene	12.863	202	34713	2.264	ng	96

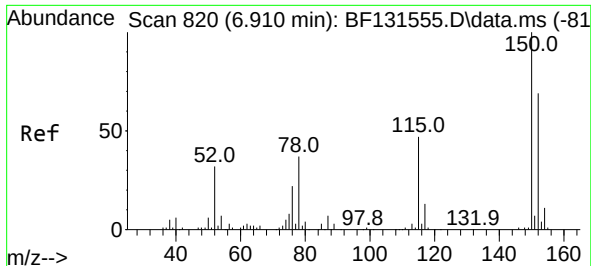
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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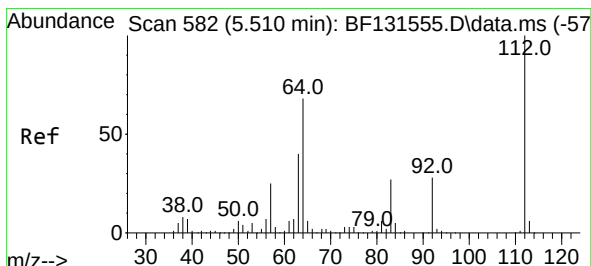
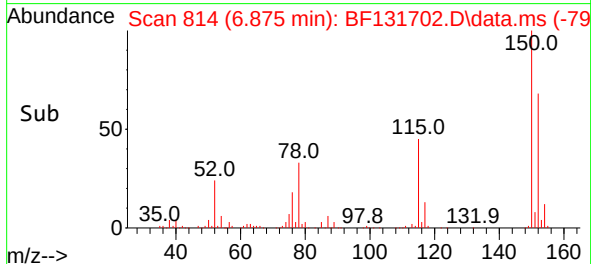
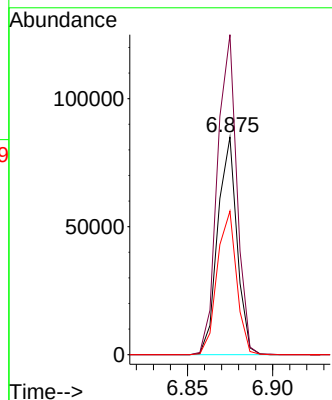
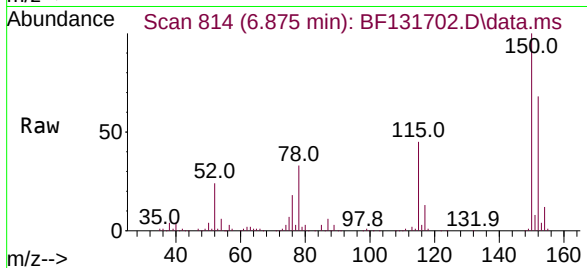




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131702.D
 Acq: 19 Dec 2022 22:15

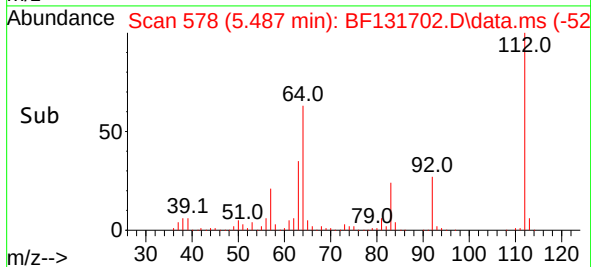
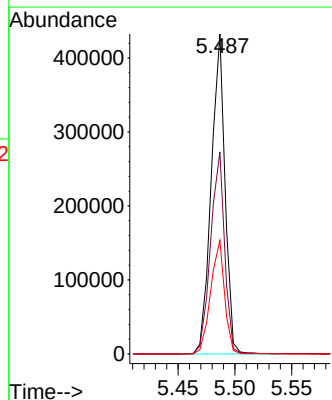
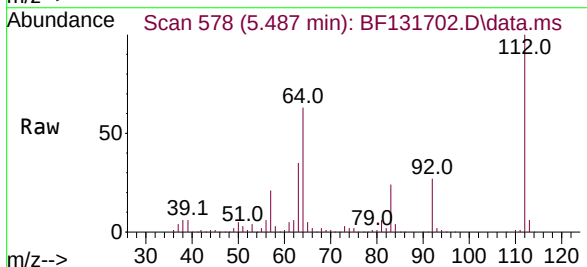
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121622

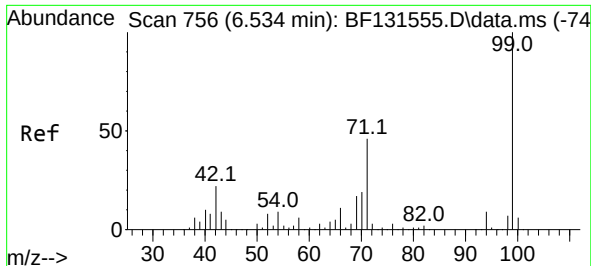
Tgt Ion:152 Resp: 66583
 Ion Ratio Lower Upper
 152 100
 150 147.1 116.7 175.1
 115 65.9 54.6 82.0



#5
 2-Fluorophenol
 Concen: 91.770 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF131702.D
 Acq: 19 Dec 2022 22:15

Tgt Ion:112 Resp: 366265
 Ion Ratio Lower Upper
 112 100
 64 63.1 54.5 81.7
 63 35.5 31.9 47.9

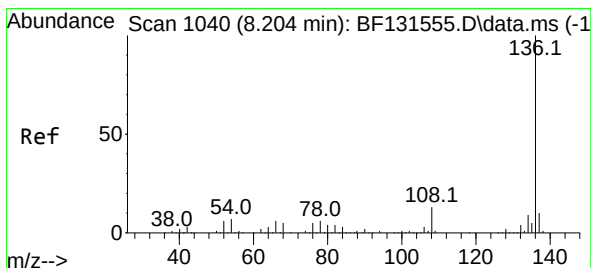
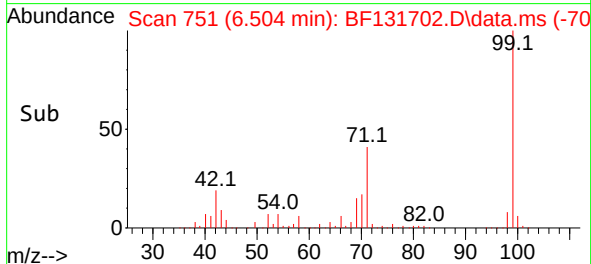
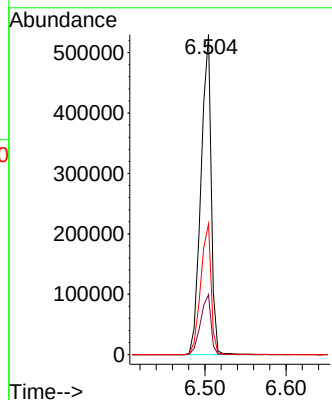
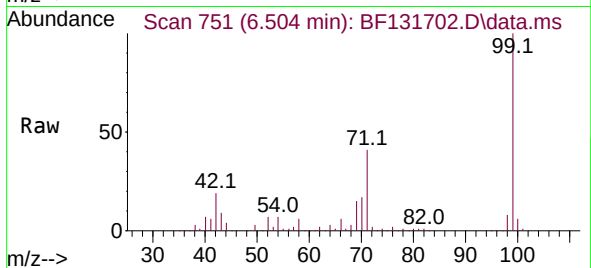




#7
Phenol-d6
Concen: 88.278 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

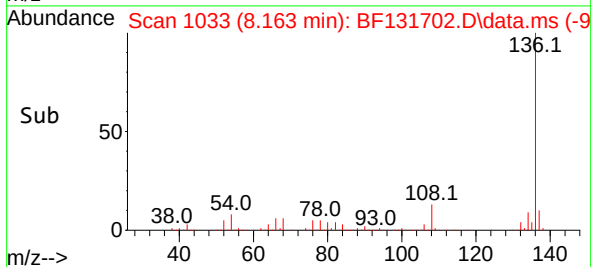
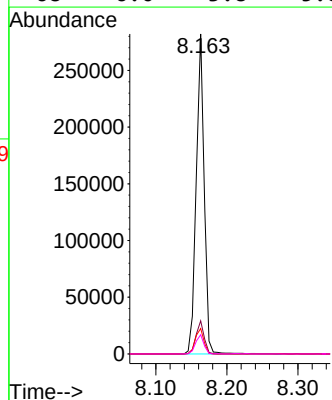
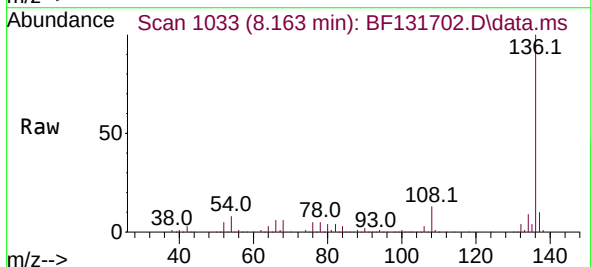
Instrument :
BNA_F
ClientSampleId :
OR-03-121622

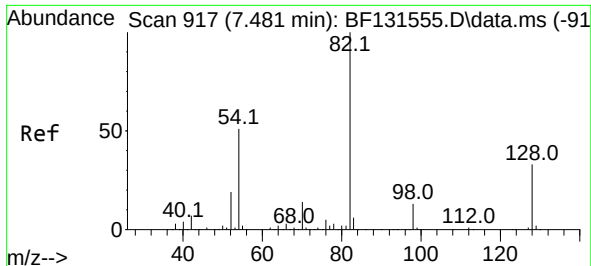
Tgt Ion: 99 Resp: 461697
Ion Ratio Lower Upper
99 100
42 18.7 17.9 26.9
71 40.8 37.2 55.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion: 136 Resp: 221313
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 7.9 6.0 9.0
68 6.0 3.8 5.8





#23

Nitrobenzene-d5

Concen: 54.854 ng

RT: 7.440 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131702.D

Acq: 19 Dec 2022 22:15

Instrument :

BNA_F

ClientSampleId :

OR-03-121622

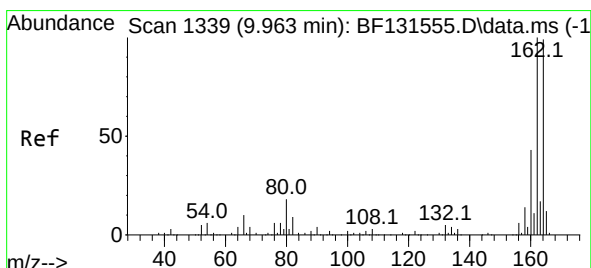
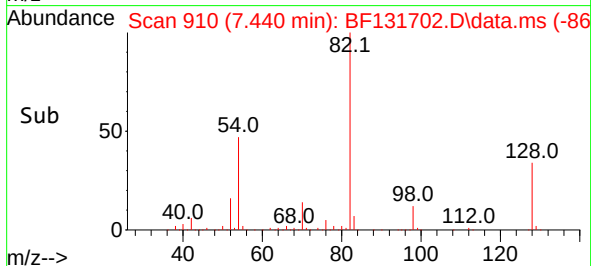
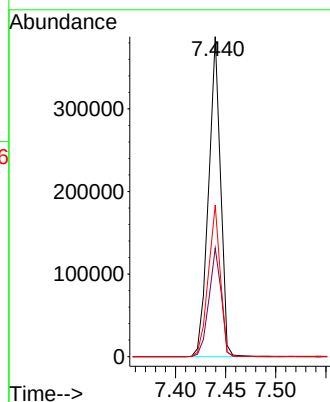
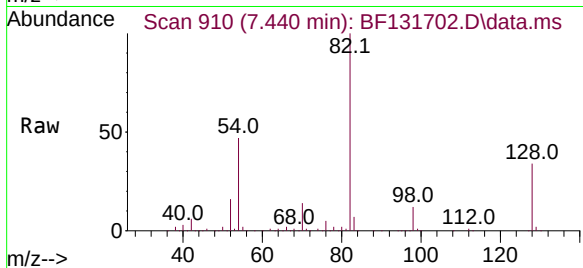
Tgt Ion: 82 Resp: 321105

Ion Ratio Lower Upper

82 100

128 33.9 26.1 39.1

54 47.3 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF131702.D

Acq: 19 Dec 2022 22:15

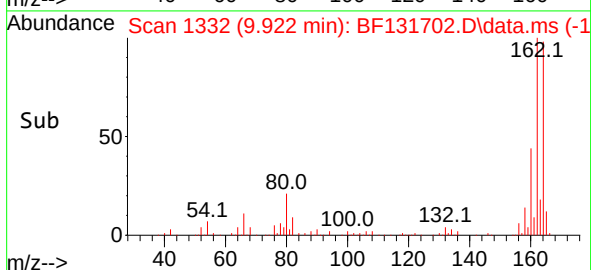
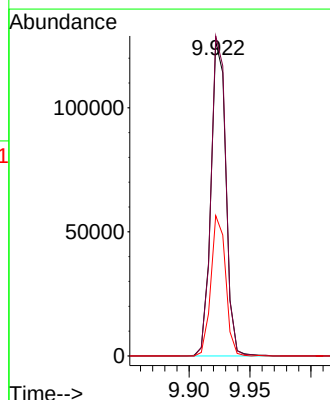
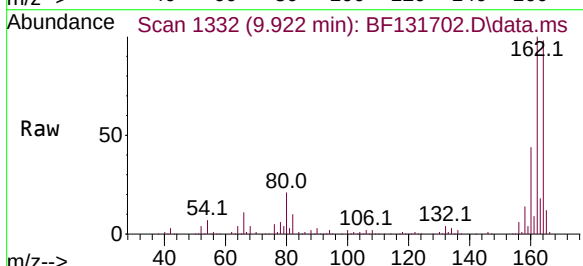
Tgt Ion:164 Resp: 108764

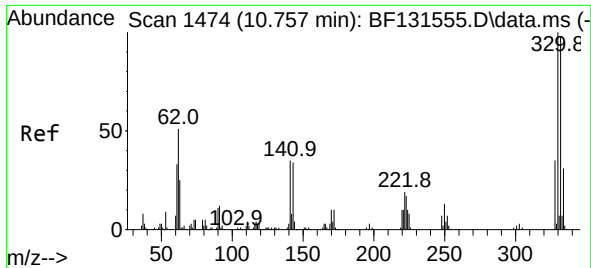
Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.6

160 44.6 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 70.168 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131702.D

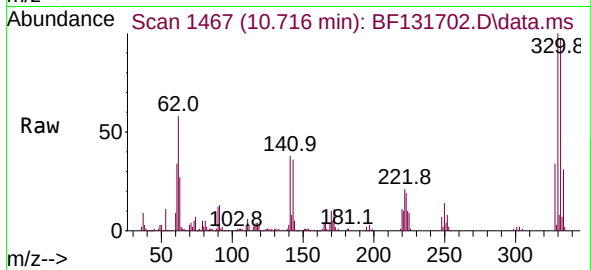
Acq: 19 Dec 2022 22:15

Instrument :

BNA_F

ClientSampleId :

OR-03-121622



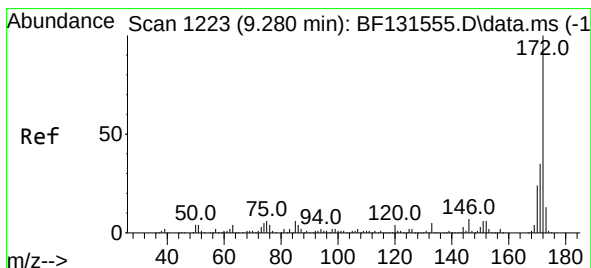
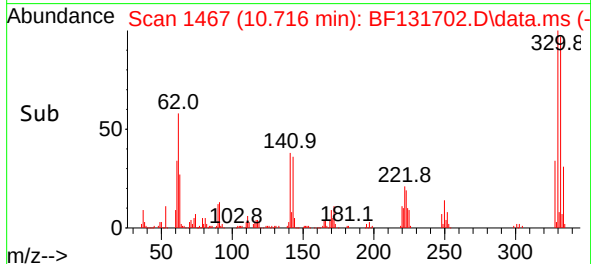
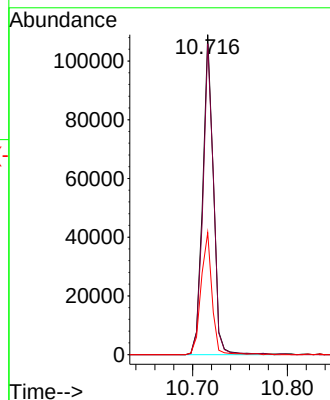
Tgt Ion:330 Resp: 84791

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

141 39.2 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 58.453 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131702.D

Acq: 19 Dec 2022 22:15

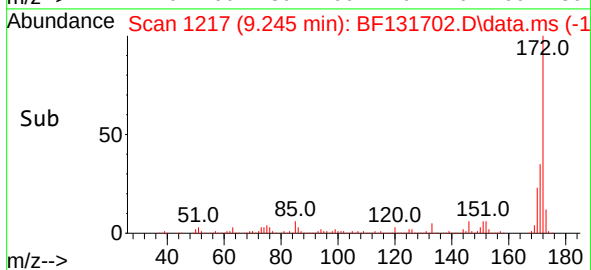
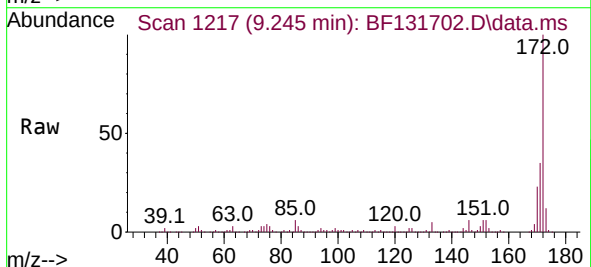
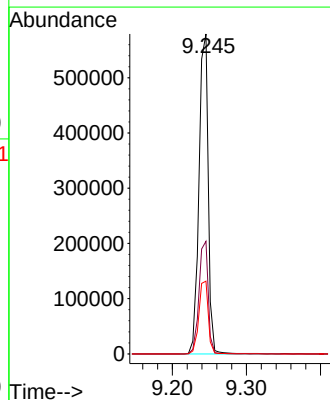
Tgt Ion:172 Resp: 504224

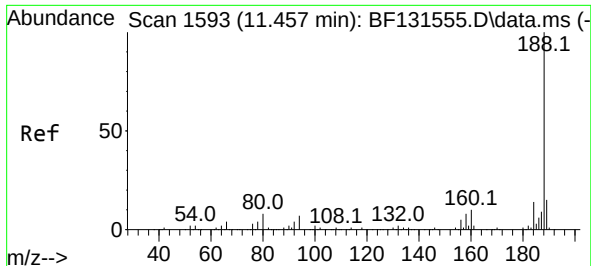
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 22.7 19.3 28.9

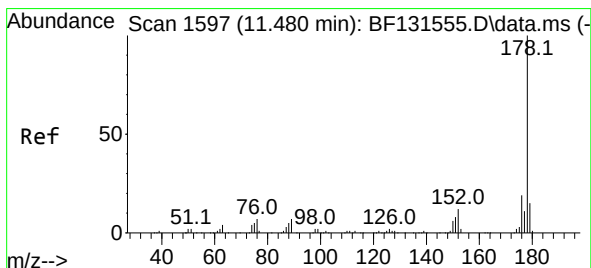
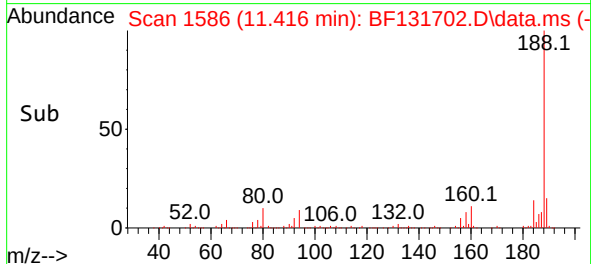
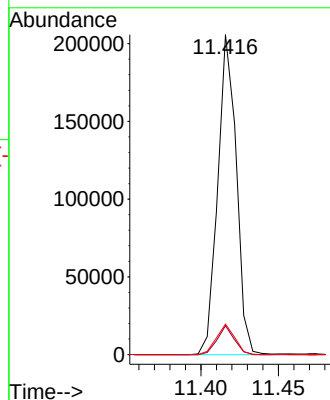
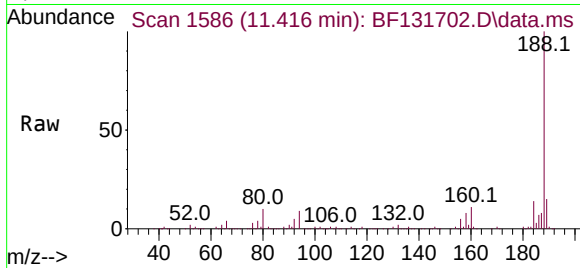




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

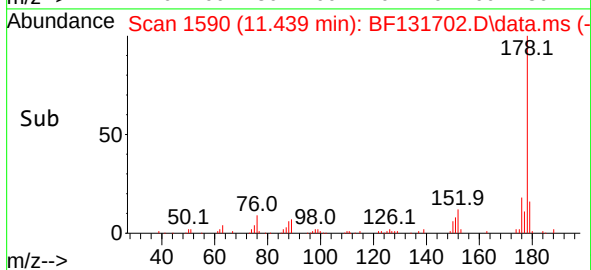
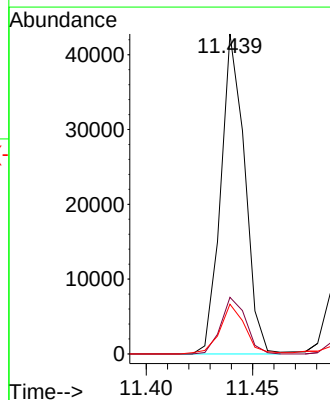
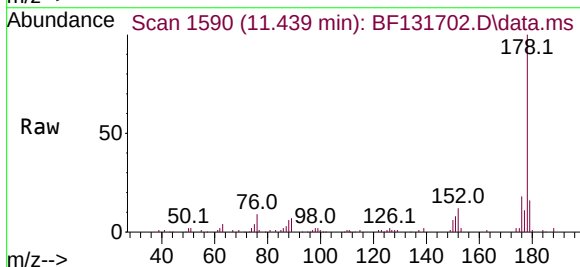
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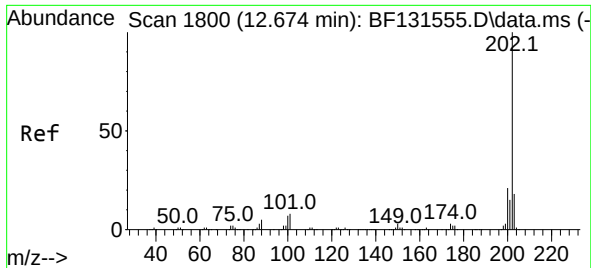
Tgt Ion:188 Resp: 171737
Ion Ratio Lower Upper
188 100
94 9.0 5.5 8.3#
80 9.5 6.6 10.0



#71
Phenanthrene
Concen: 3.506 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:178 Resp: 33565
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 15.5 12.2 18.4

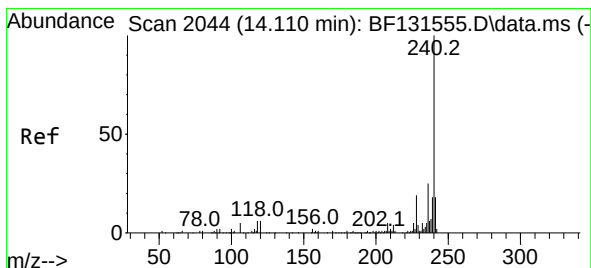
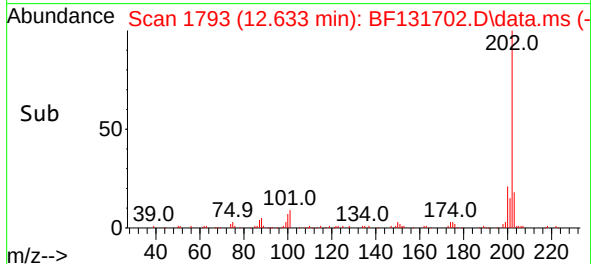
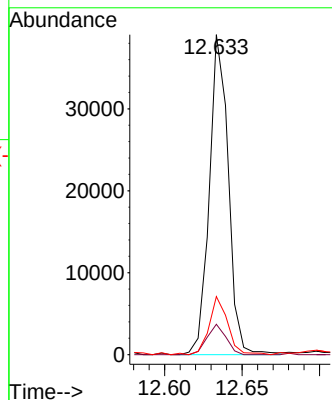
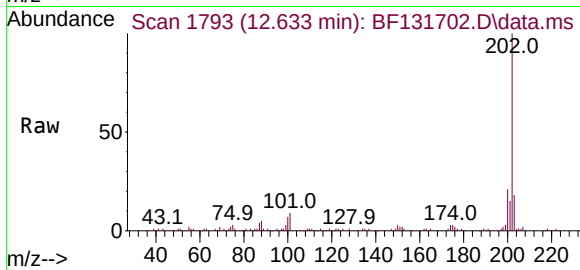




#75
Fluoranthene
Concen: 3.378 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

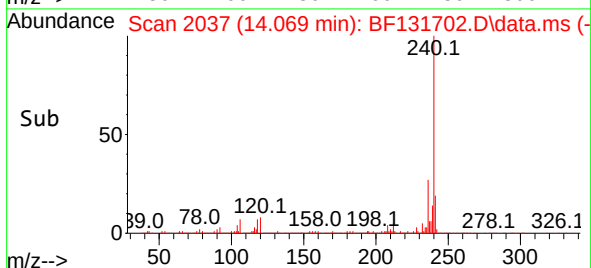
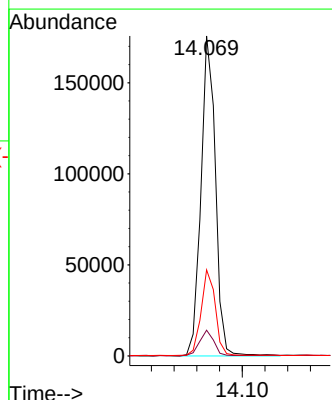
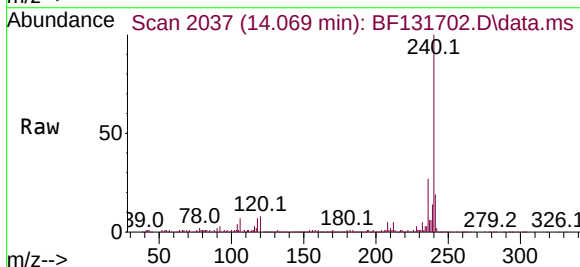
Instrument :
BNA_F
ClientSampleId :
OR-03-121622

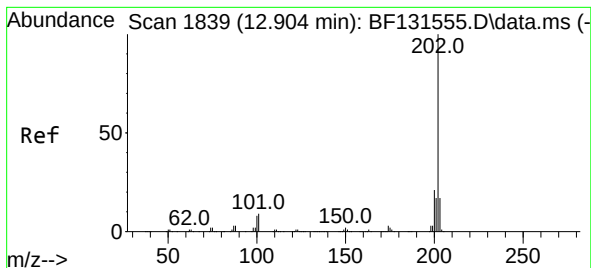
Tgt Ion:202 Resp: 33299
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.7
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131702.D
Acq: 19 Dec 2022 22:15

Tgt Ion:240 Resp: 155480
Ion Ratio Lower Upper
240 100
120 8.0 4.6 7.0#
236 26.9 20.2 30.2





#78

Pyrene

Concen: 2.264 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF131702.D

Acq: 19 Dec 2022 22:15

Instrument :

BNA_F

ClientSampleId :

OR-03-121622

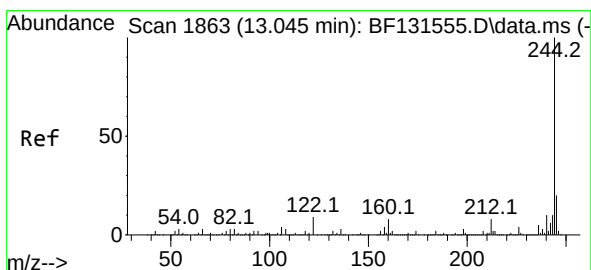
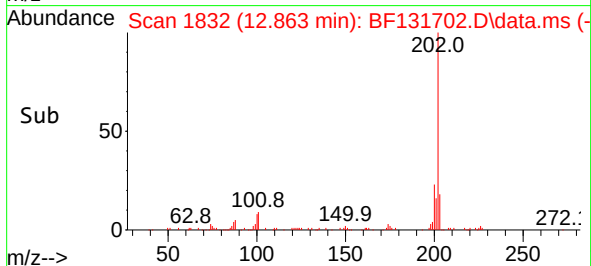
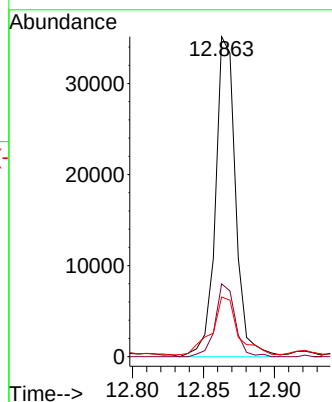
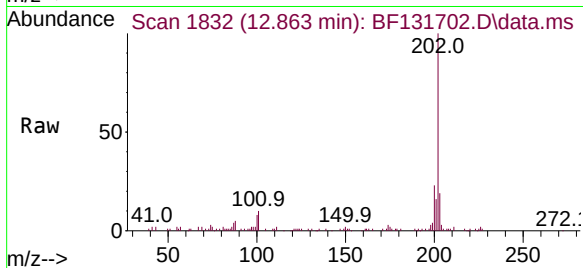
Tgt Ion:202 Resp: 34713

Ion Ratio Lower Upper

202 100

200 22.7 16.7 25.1

203 18.7 13.8 20.6



#79

Terphenyl-d14

Concen: 40.738 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.000 min

Lab File: BF131702.D

Acq: 19 Dec 2022 22:15

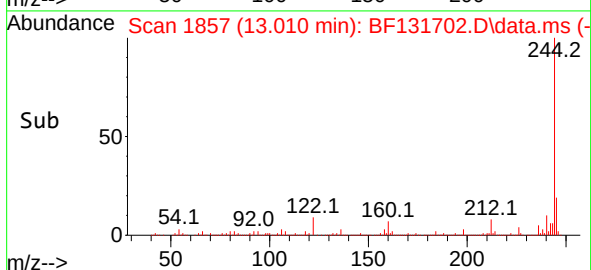
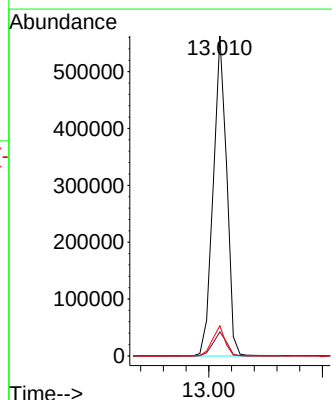
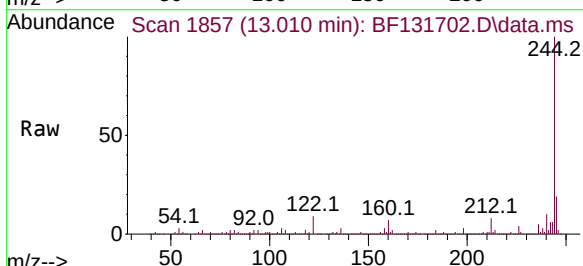
Tgt Ion:244 Resp: 461860

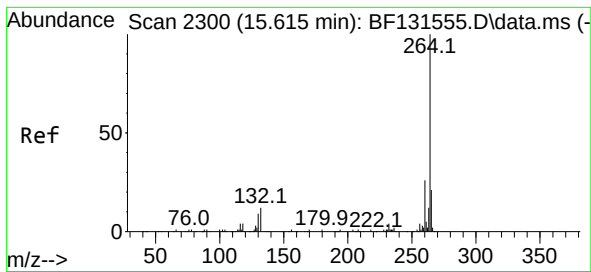
Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 9.4 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131702.D

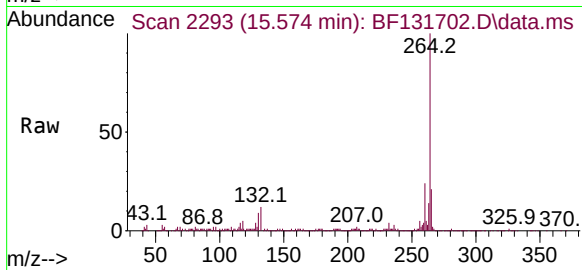
Acq: 19 Dec 2022 22:15

Instrument :

BNA_F

ClientSampleId :

OR-03-121622



Tgt Ion:264 Resp: 162157

Ion Ratio Lower Upper

264 100

260 24.2 20.6 30.8

265 20.8 16.8 25.2

