

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138555.D
 Acq On : 12 Jul 2024 19:37
 Operator : CG\JU
 Sample : P3183-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N28660

Quant Time: Jul 12 23:13:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

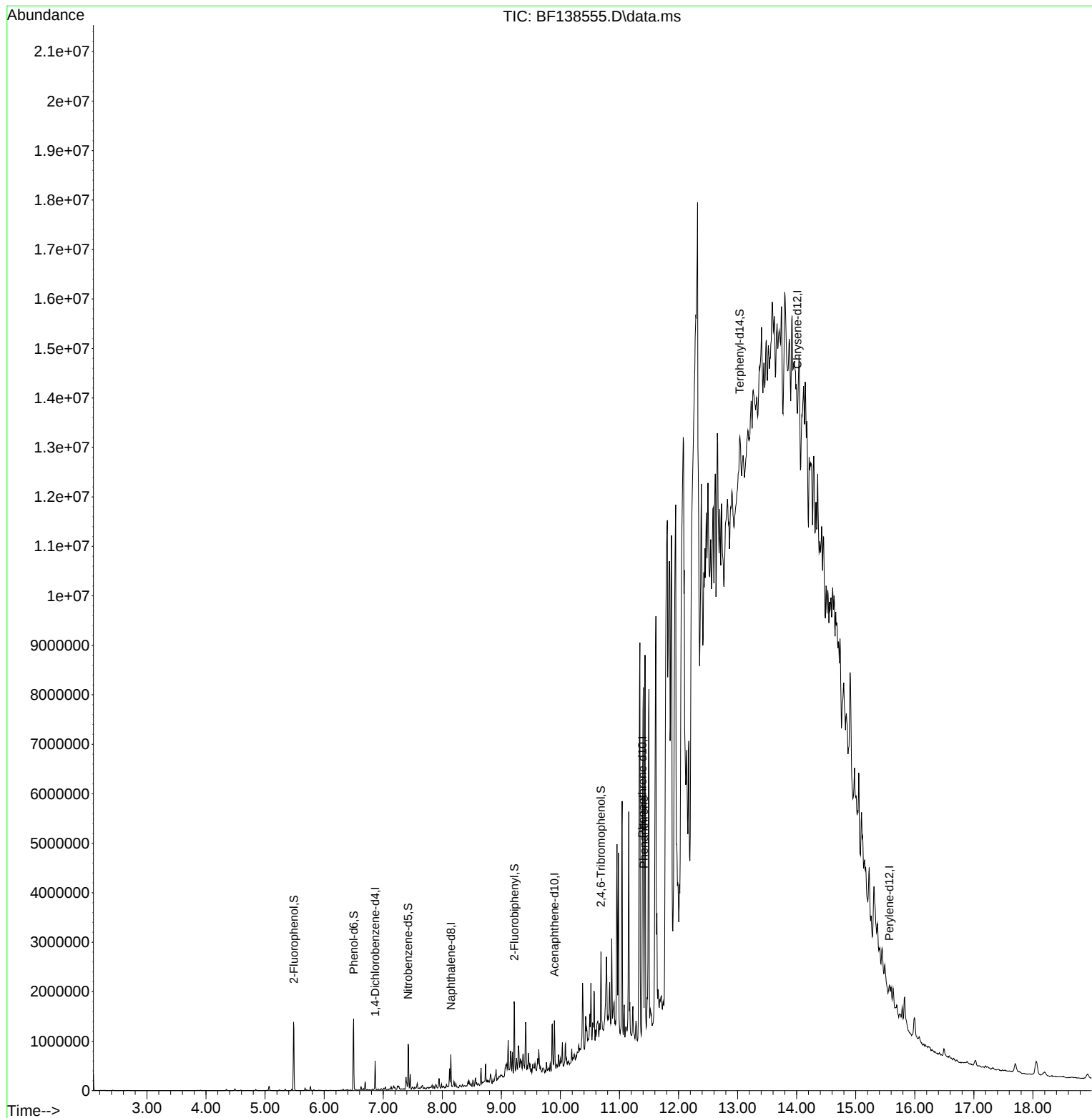
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	67151	20.000	ng	0.00
21) Naphthalene-d8	8.146	136	231316	20.000	ng	0.00
39) Acenaphthene-d10	9.899	164	112365	20.000	ng	0.00
64) Phenanthrene-d10	11.387	188	188919	20.000	ng	0.00
76) Chrysene-d12	14.010	240	20426	20.000	ng	#-0.02
86) Perylene-d12	15.569	264	90856	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	334720	78.944	ng	0.00
7) Phenol-d6	6.499	99	417641	74.044	ng	0.00
23) Nitrobenzene-d5	7.422	82	247231	52.476	ng	-0.01
42) 2,4,6-Tribromophenol	10.687	330	76678	73.015	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	399759	55.603	ng	0.00
79) Terphenyl-d14	13.034	244	219765	175.278	ng	0.06
Target Compounds						
71) Phenanthrene	11.410	178	25195	2.640	ng	Qvalue # 84

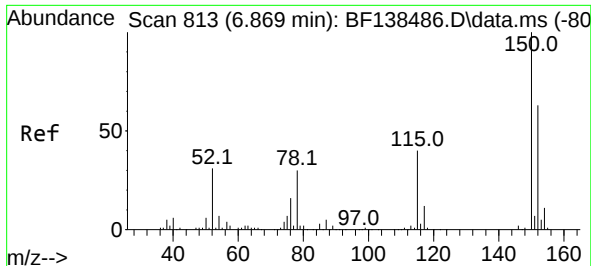
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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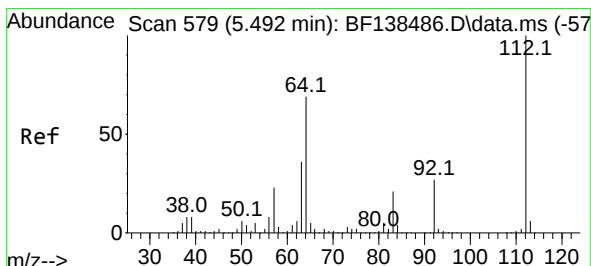
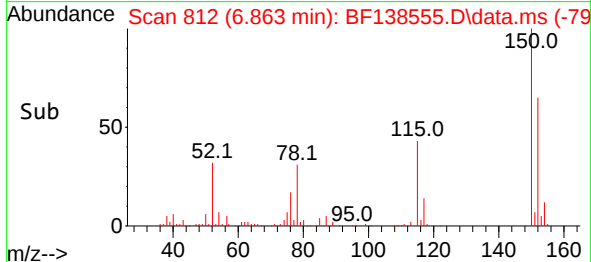
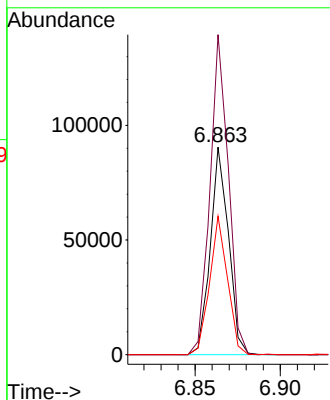
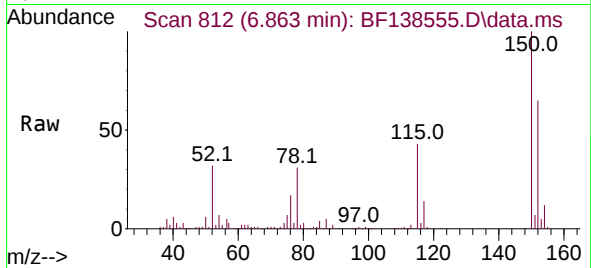




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138555.D
Acq: 12 Jul 2024 19:37

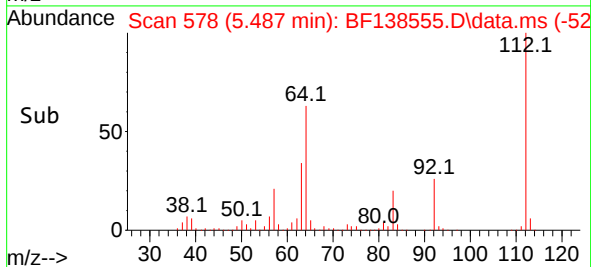
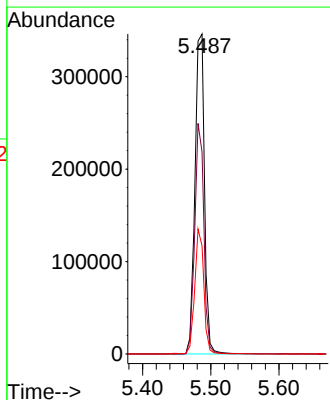
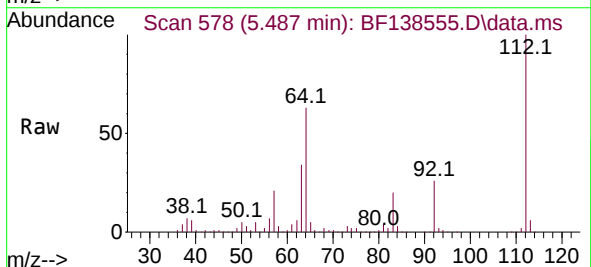
Instrument :
BNA_F
ClientSampleId :
N28660

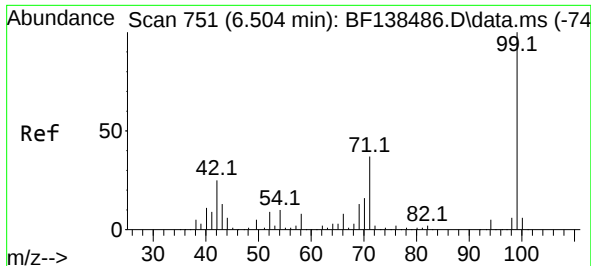
Tgt Ion:152 Resp: 67151
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.4
115 66.7 50.3 75.5



#5
2-Fluorophenol
Concen: 78.944 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.005 min
Lab File: BF138555.D
Acq: 12 Jul 2024 19:37

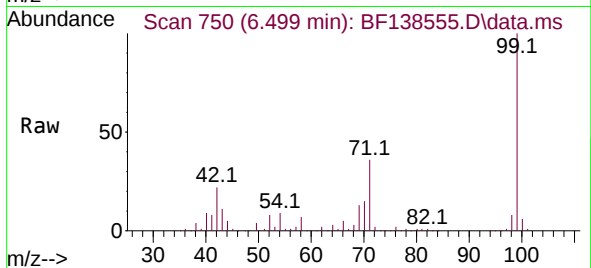
Tgt Ion:112 Resp: 334720
Ion Ratio Lower Upper
112 100
64 63.1 55.1 82.7
63 33.8 29.0 43.6



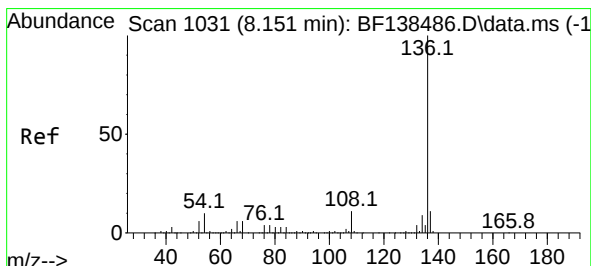
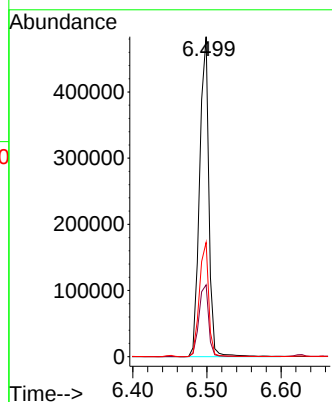
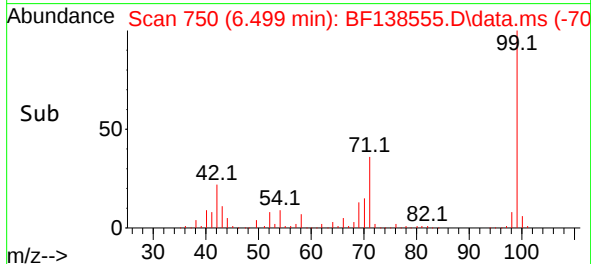


#7
Phenol-d6
Concen: 74.044 ng
RT: 6.499 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF138555.D
Acq: 12 Jul 2024 19:37

Instrument :
BNA_F
ClientSampleId :
N28660

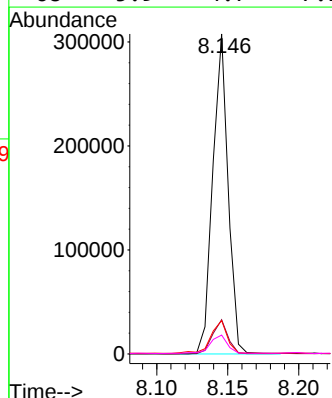
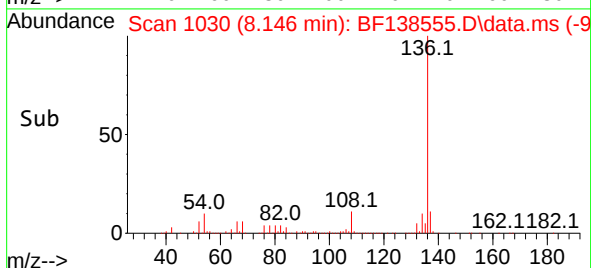
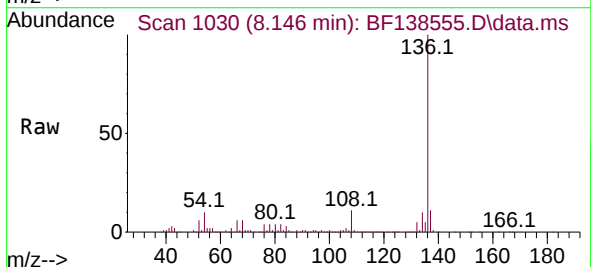


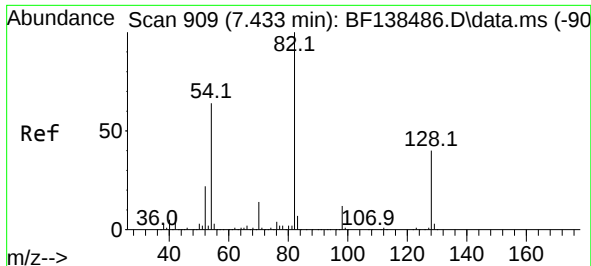
Tgt Ion: 99 Resp: 417641
Ion Ratio Lower Upper
99 100
42 22.4 19.7 29.5
71 35.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.146 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BF138555.D
Acq: 12 Jul 2024 19:37

Tgt Ion: 136 Resp: 231316
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.4 8.1 12.1
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 52.476 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.011 min

Lab File: BF138555.D

Acq: 12 Jul 2024 19:37

Instrument :

BNA_F

ClientSampleId :

N28660

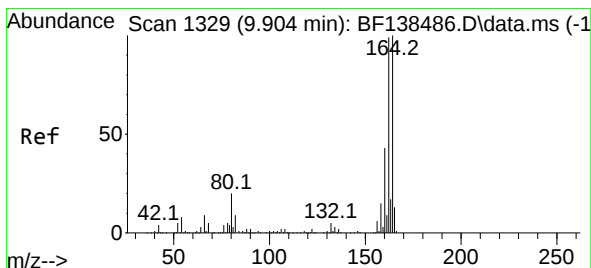
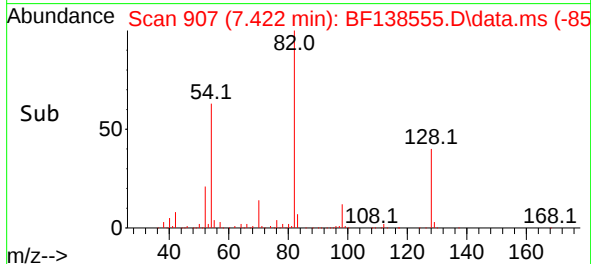
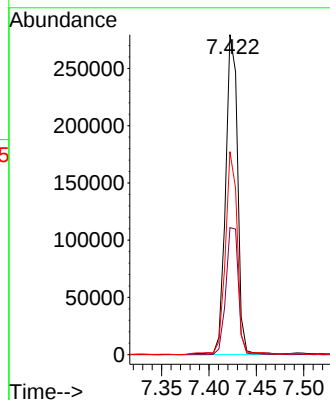
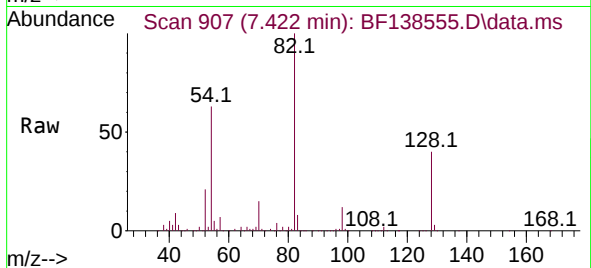
Tgt Ion: 82 Resp: 247231

Ion Ratio Lower Upper

82 100

128 39.7 32.3 48.5

54 63.5 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.899 min Scan# 1328

Delta R.T. -0.005 min

Lab File: BF138555.D

Acq: 12 Jul 2024 19:37

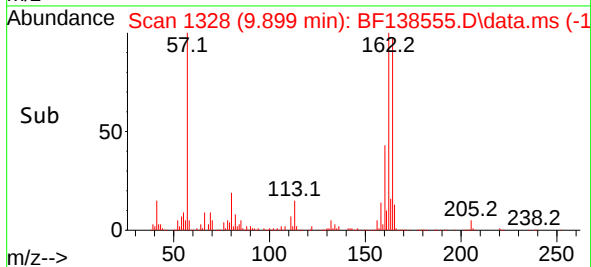
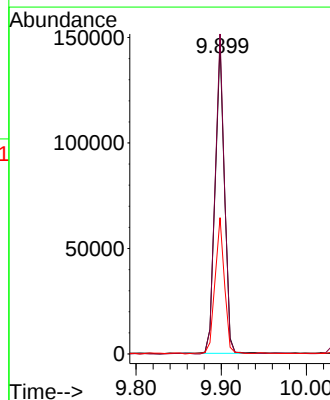
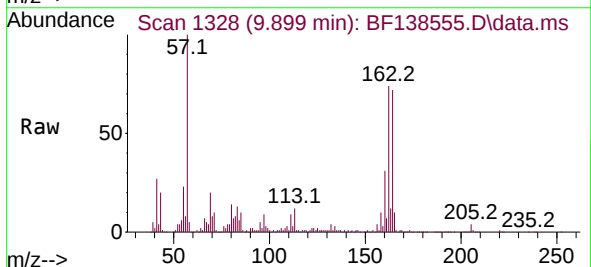
Tgt Ion:164 Resp: 112365

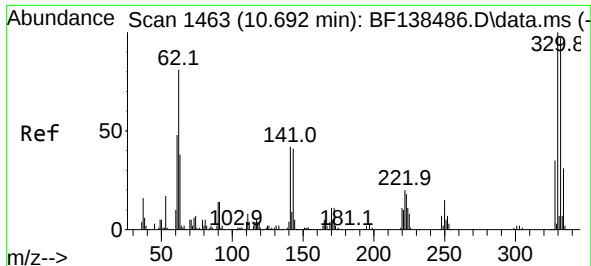
Ion Ratio Lower Upper

164 100

162 103.1 79.0 118.6

160 43.9 34.4 51.6

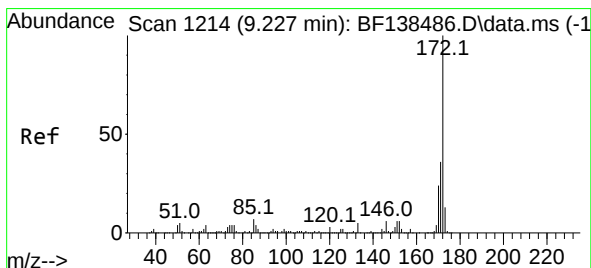
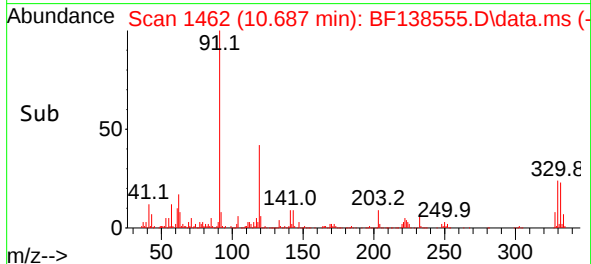
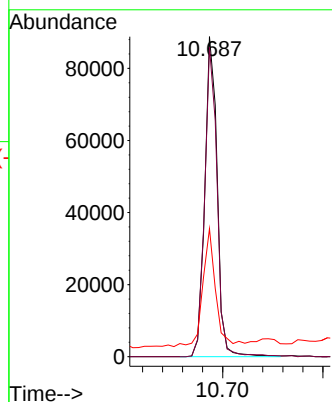
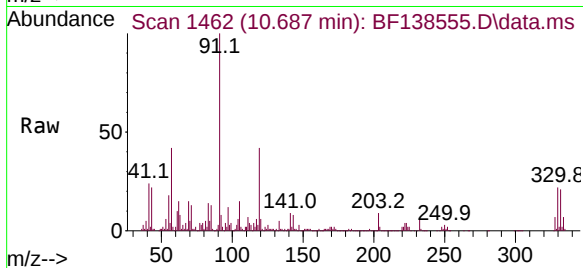




#42
2,4,6-Tribromophenol
Concen: 73.015 ng
RT: 10.687 min Scan# 1462
Delta R.T. -0.005 min
Lab File: BF138555.D
Acq: 12 Jul 2024 19:37

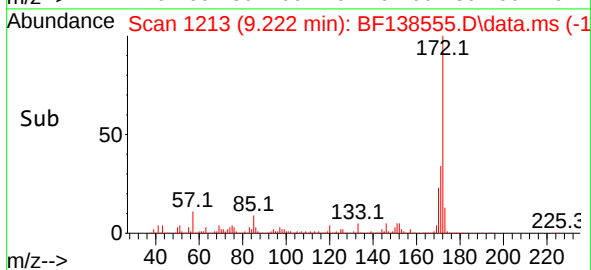
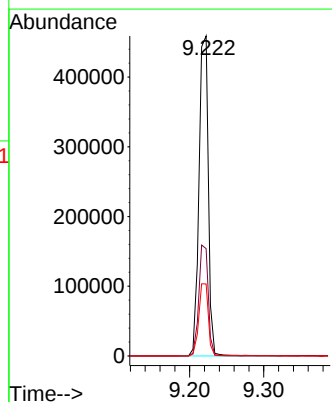
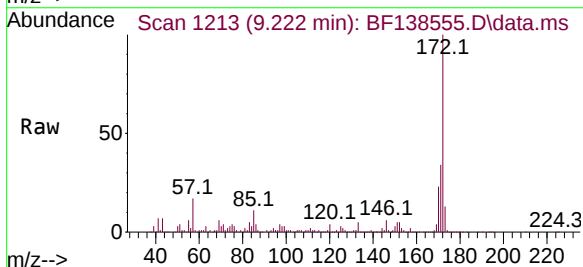
Instrument :
BNA_F
ClientSampleId :
N28660

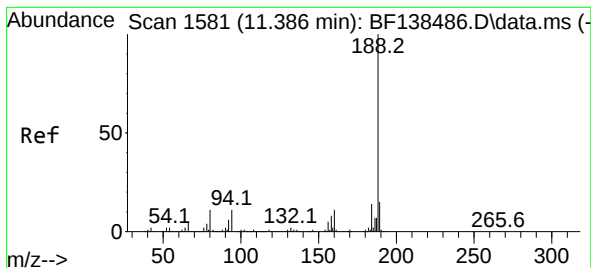
Tgt Ion: 330 Resp: 76678
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 40.9 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 55.603 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.005 min
Lab File: BF138555.D
Acq: 12 Jul 2024 19:37

Tgt Ion: 172 Resp: 399759
Ion Ratio Lower Upper
172 100
171 33.6 28.9 43.3
170 22.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.387 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF138555.D

Acq: 12 Jul 2024 19:37

Instrument :

BNA_F

ClientSampleId :

N28660

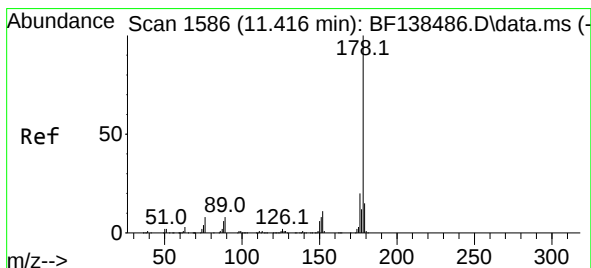
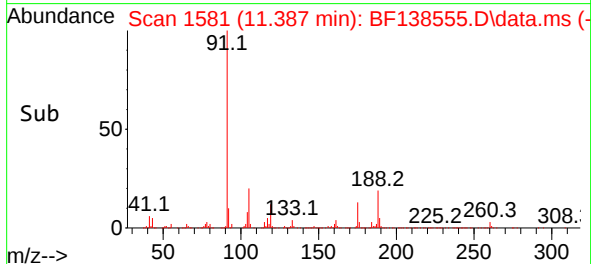
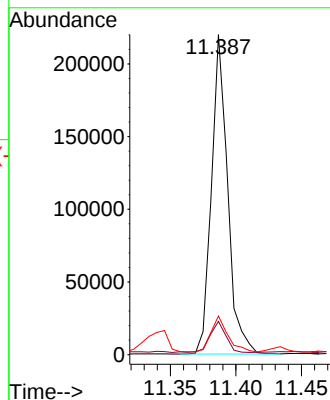
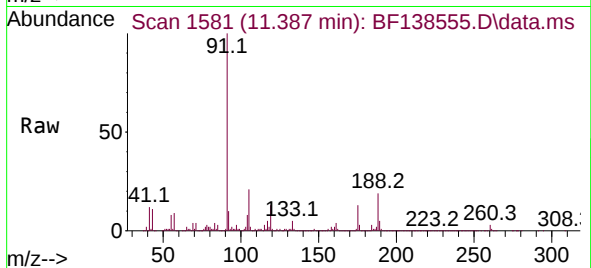
Tgt Ion:188 Resp: 188919

Ion Ratio Lower Upper

188 100

94 10.4 8.7 13.1

80 12.1 9.0 13.4



#71

Phenanthrene

Concen: 2.640 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.005 min

Lab File: BF138555.D

Acq: 12 Jul 2024 19:37

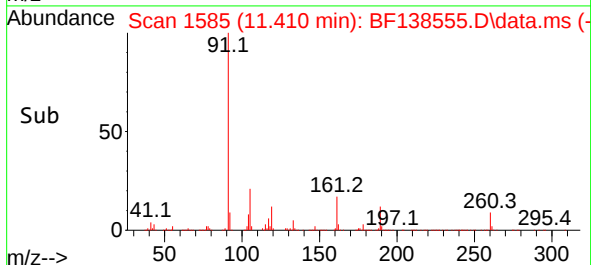
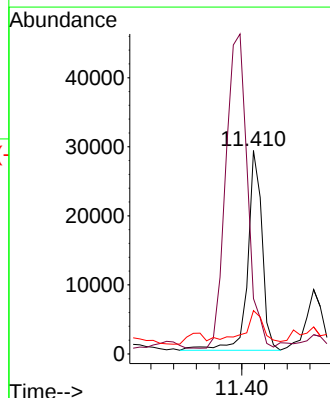
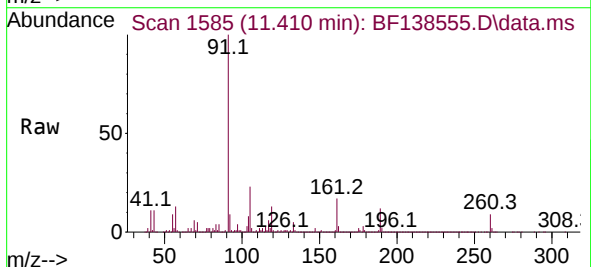
Tgt Ion:178 Resp: 25195

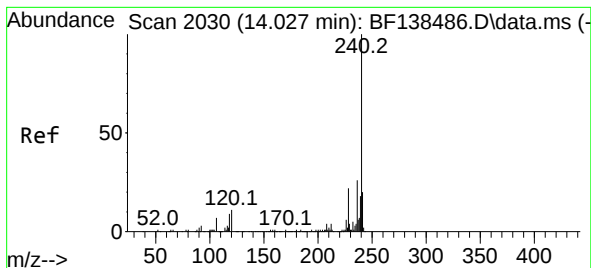
Ion Ratio Lower Upper

178 100

176 27.2 15.7 23.5#

179 21.3 12.2 18.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2030

Delta R.T. -0.017 min

Lab File: BF138555.D

Acq: 12 Jul 2024 19:37

Instrument :

BNA_F

ClientSampleId :

N28660

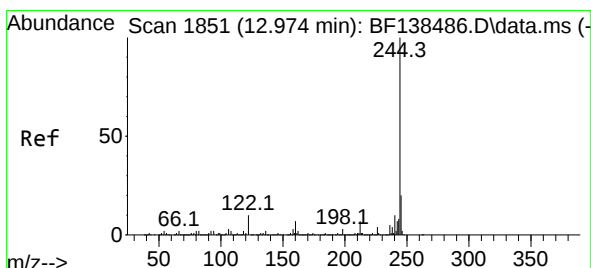
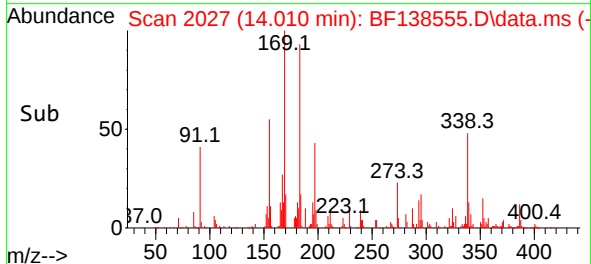
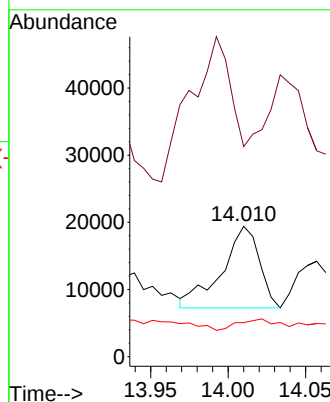
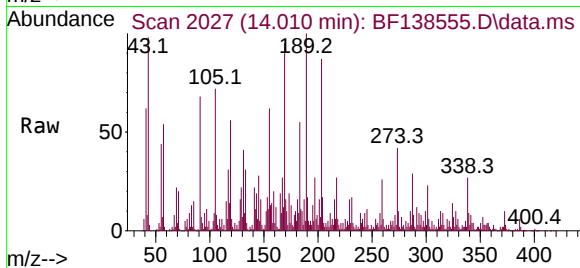
Tgt Ion:240 Resp: 20426

Ion Ratio Lower Upper

240 100

120 161.1 8.6 12.8#

236 26.1 21.0 31.6



#79

Terphenyl-d14

Concen: 175.278 ng

RT: 13.034 min Scan# 1861

Delta R.T. 0.059 min

Lab File: BF138555.D

Acq: 12 Jul 2024 19:37

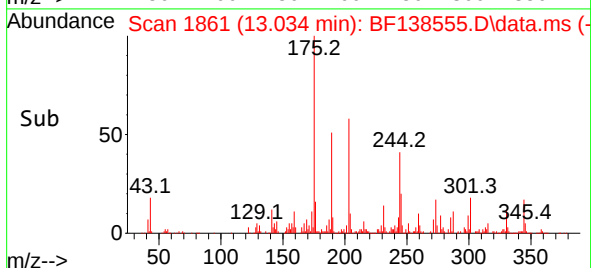
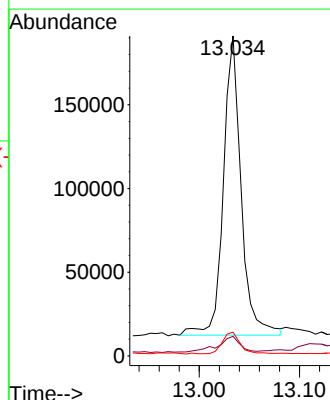
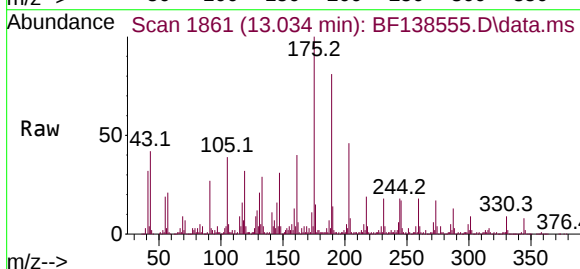
Tgt Ion:244 Resp: 219765

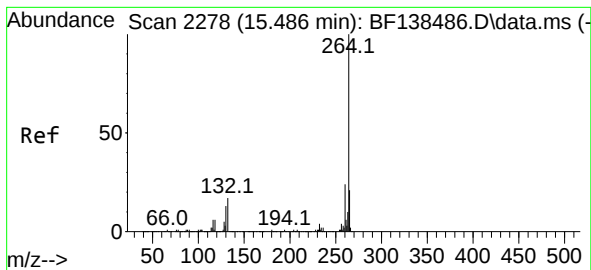
Ion Ratio Lower Upper

244 100

212 6.1 5.5 8.3

122 7.5 7.8 11.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.569 min Scan# 21
 Delta R.T. 0.083 min
 Lab File: BF138555.D
 Acq: 12 Jul 2024 19:37

Instrument :
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Tgt Ion:264 Resp: 90856
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.0 28.6
 265 24.1 17.0 25.4

