

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136976.D
 Acq On : 05 Jan 2024 15:20
 Operator : CG\JU
 Sample : P1015-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-301P-25-27

Quant Time: Jan 05 15:43:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

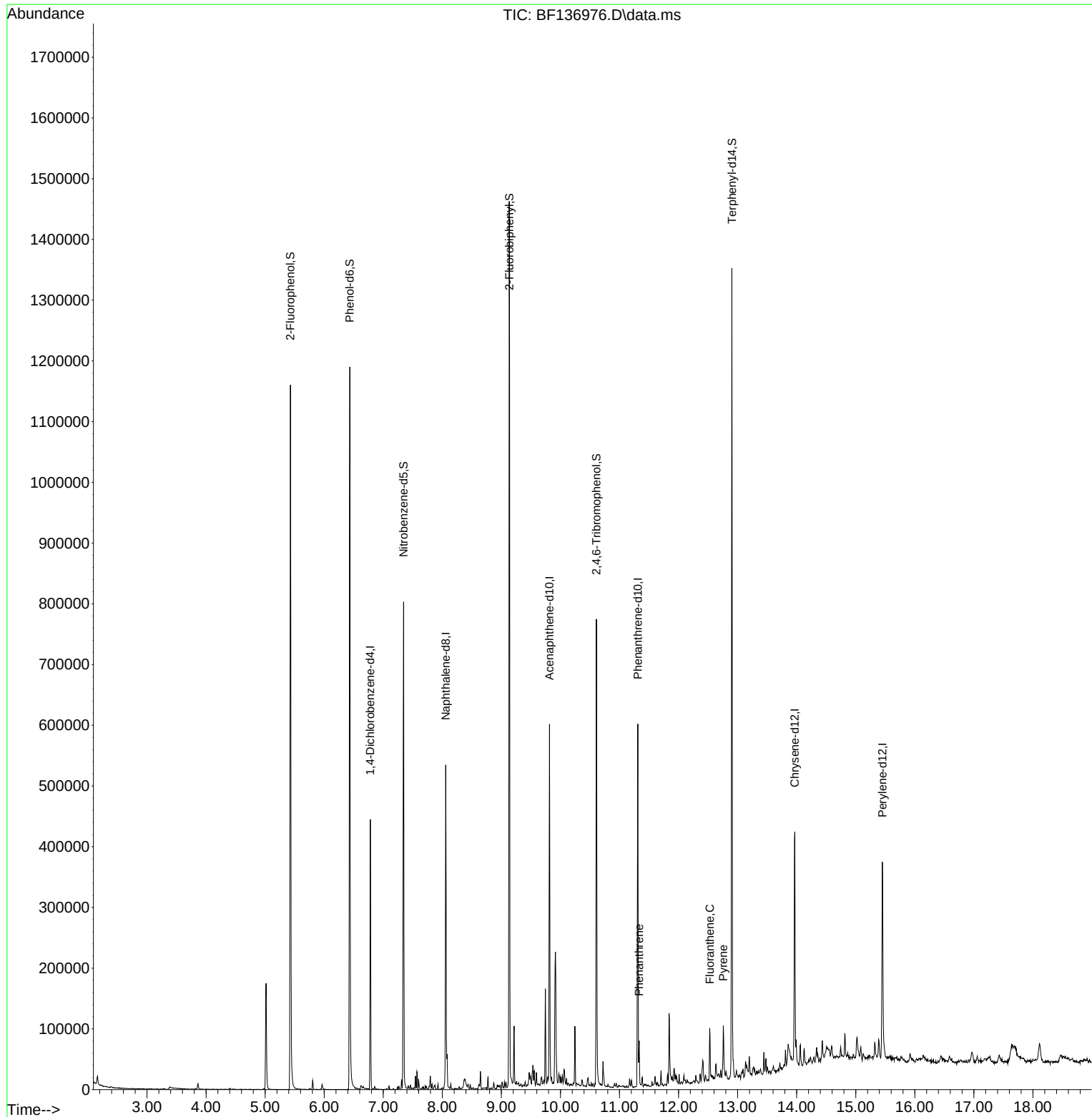
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60652	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	224795	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	112144	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	203818	20.000	ng	0.00
76) Chrysene-d12	13.968	240	130903	20.000	ng	0.00
86) Perylene-d12	15.451	264	142614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	310347	79.837	ng	0.00
7) Phenol-d6	6.434	99	385013	76.438	ng	0.00
23) Nitrobenzene-d5	7.345	82	244231	55.595	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	96622	73.157	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	465365	55.813	ng	-0.02
79) Terphenyl-d14	12.904	244	432851	46.209	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.333	178	26924	2.574	ng	98
75) Fluoranthene	12.527	202	35243	3.150	ng	98
78) Pyrene	12.757	202	36504	2.841	ng	99

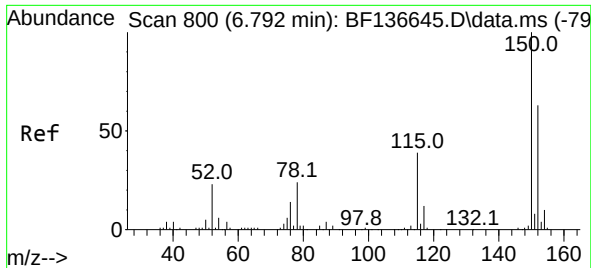
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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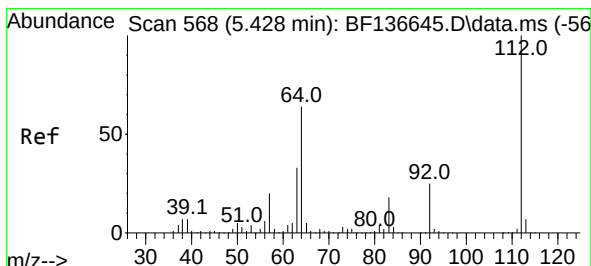
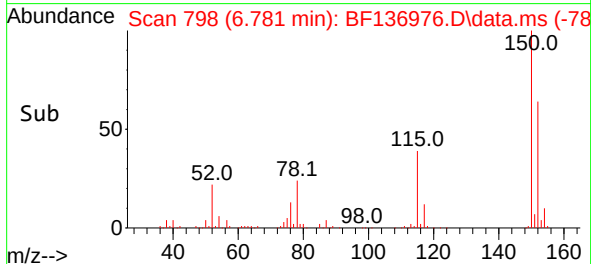
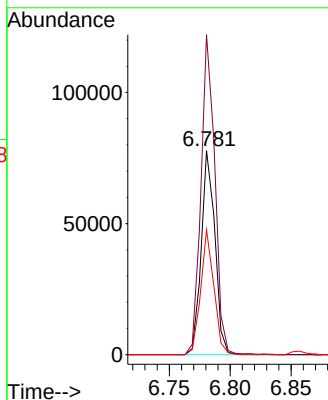
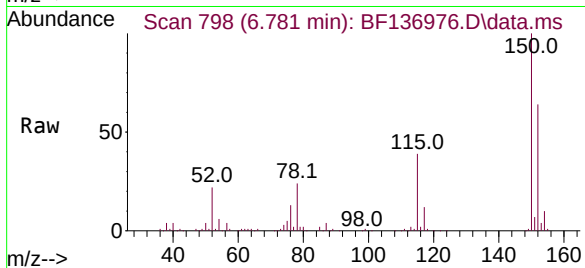




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136976.D
 Acq: 05 Jan 2024 15:20

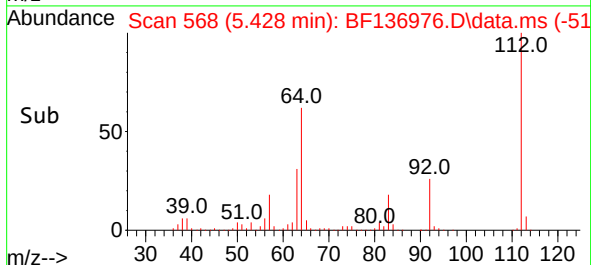
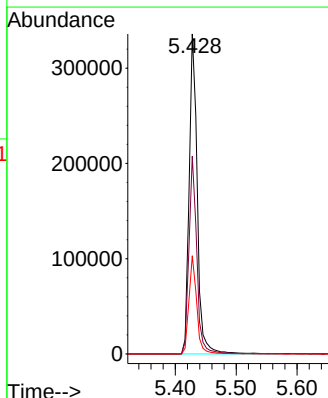
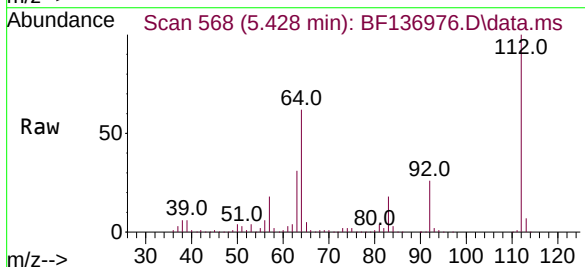
Instrument :
 BNA_F
 ClientSampleId :
 MR-301P-25-27

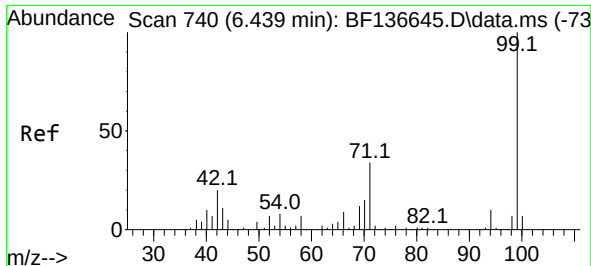
Tgt Ion:152 Resp: 60652
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.0 190.6
 115 61.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 79.837 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136976.D
 Acq: 05 Jan 2024 15:20

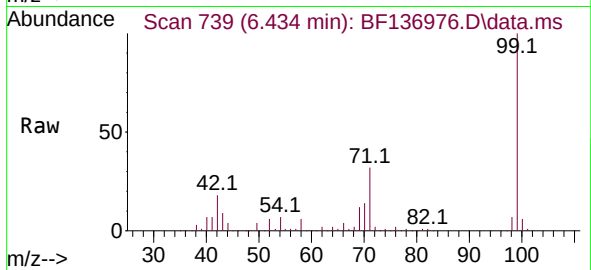
Tgt Ion:112 Resp: 310347
 Ion Ratio Lower Upper
 112 100
 64 61.8 51.1 76.7
 63 30.7 26.1 39.1





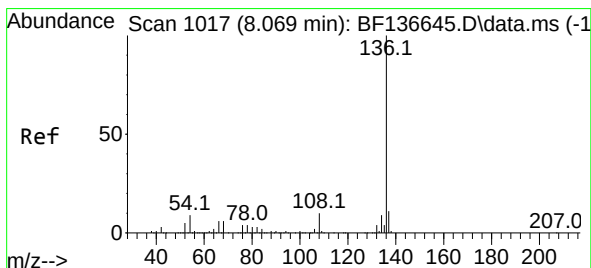
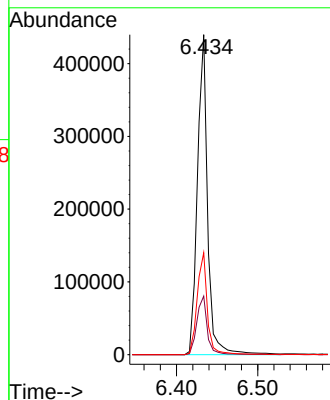
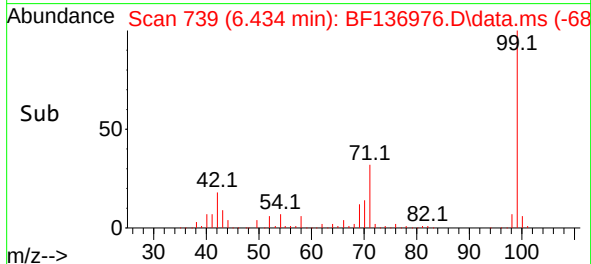
#7
Phenol-d6
Concen: 76.438 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

Instrument :
BNA_F
ClientSampleId :
MR-301P-25-27

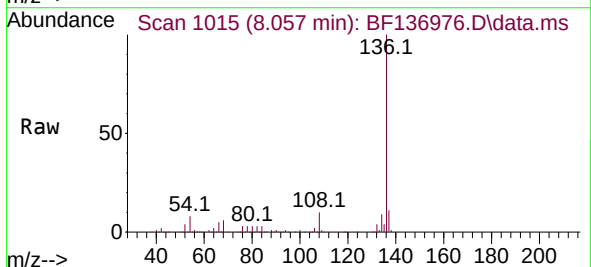


Tgt Ion: 99 Resp: 385013

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.1	24.1
71	31.9	27.4	41.2

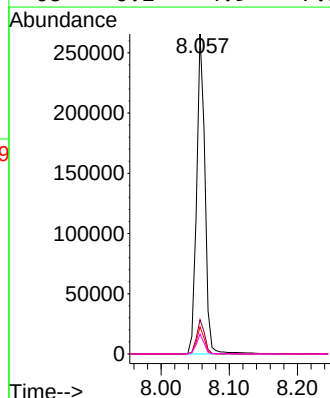
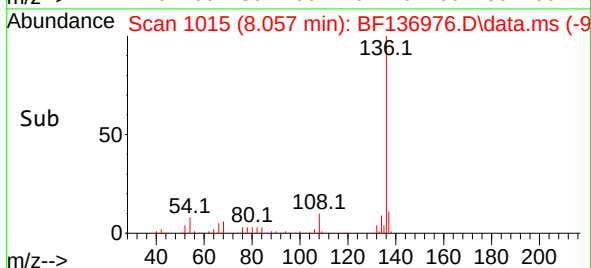


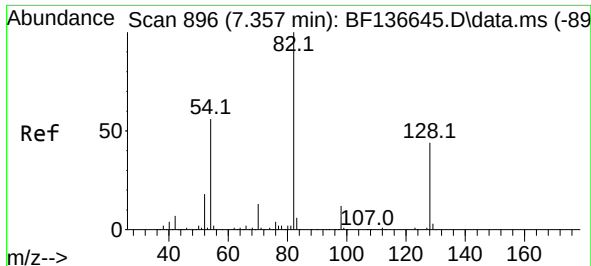
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20



Tgt Ion: 136 Resp: 224795

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	8.4	7.2	10.8
68	6.2	4.9	7.3





#23

Nitrobenzene-d5

Concen: 55.595 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :

MR-301P-25-27

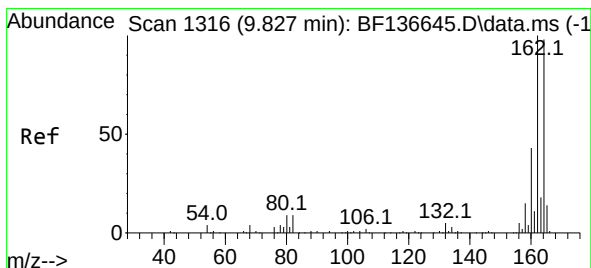
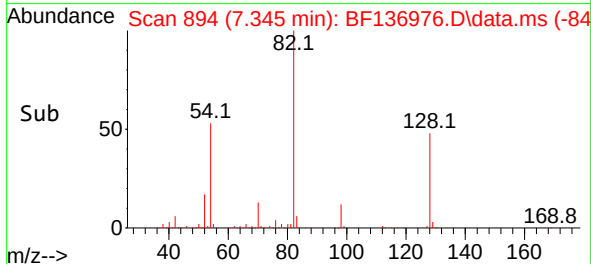
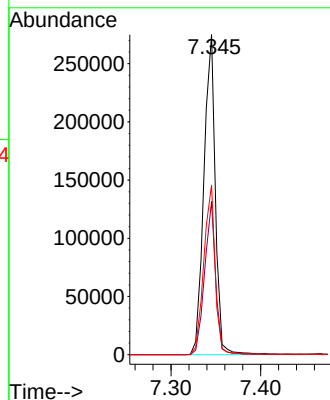
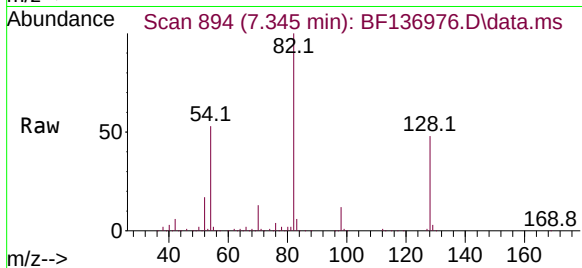
Tgt Ion: 82 Resp: 244231

Ion Ratio Lower Upper

82 100

128 47.9 35.3 52.9

54 53.1 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

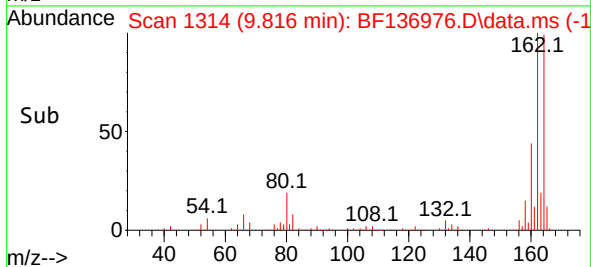
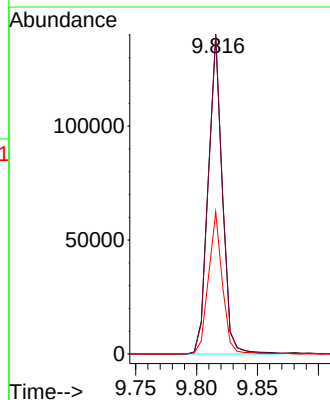
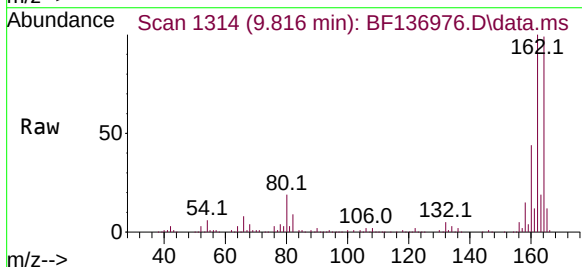
Tgt Ion:164 Resp: 112144

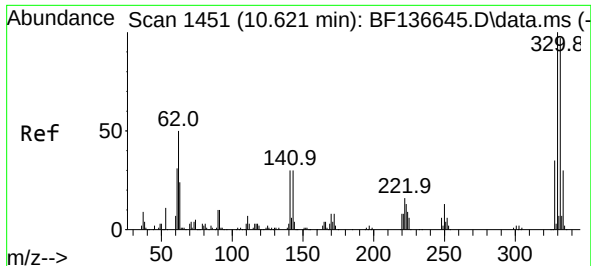
Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 73.157 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136976.D

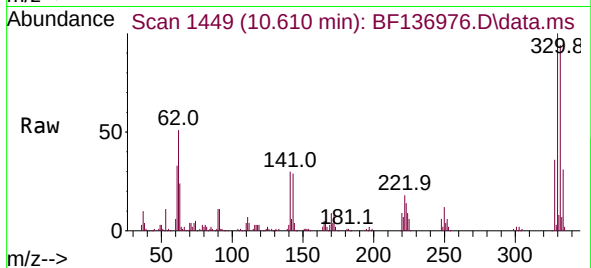
Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :

MR-301P-25-27



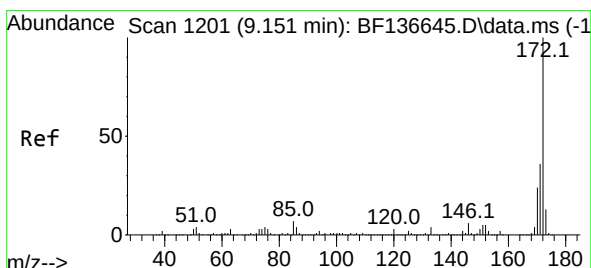
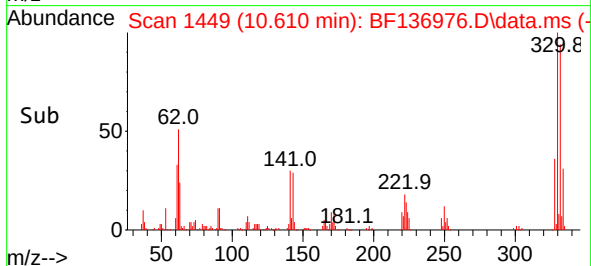
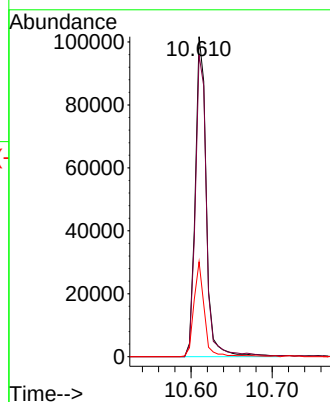
Tgt Ion:330 Resp: 96622

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 55.813 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

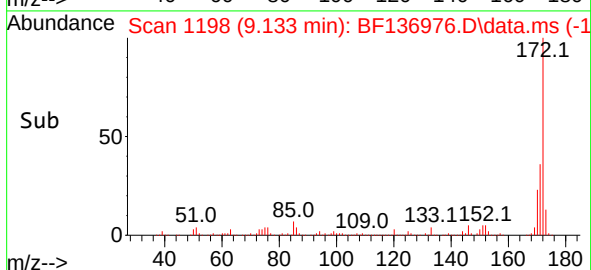
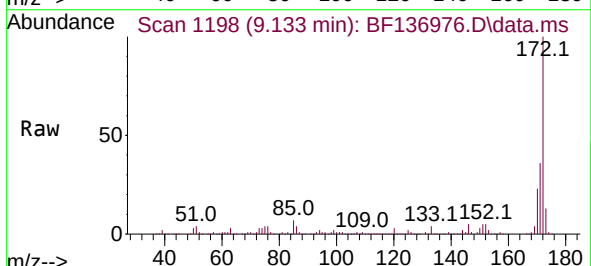
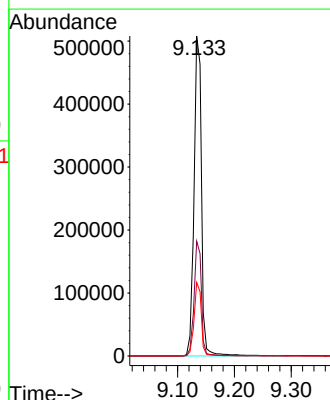
Tgt Ion:172 Resp: 465365

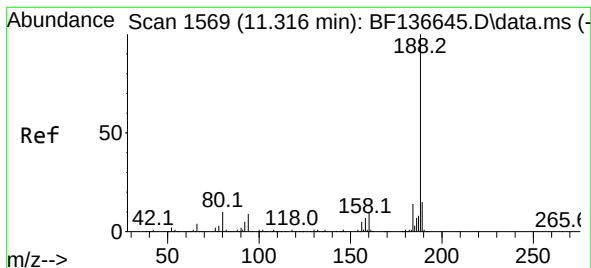
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :

MR-301P-25-27

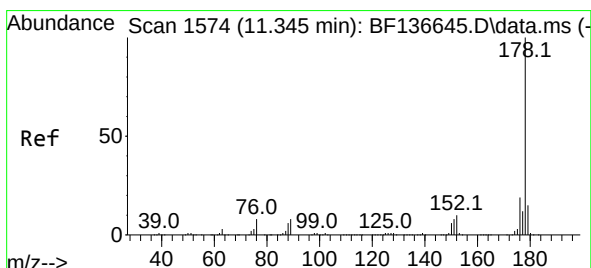
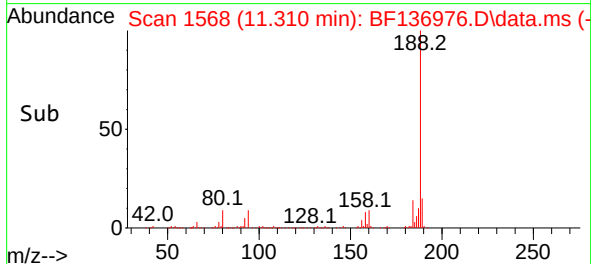
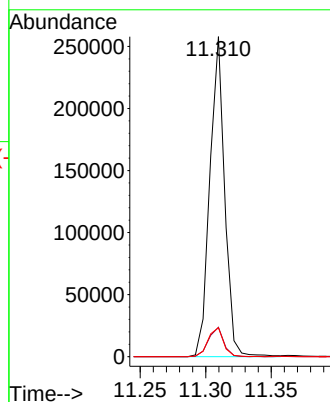
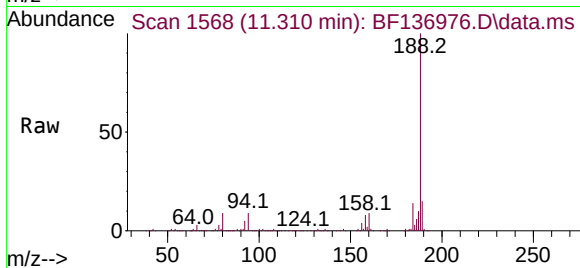
Tgt Ion:188 Resp: 203818

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 9.0 8.1 12.1



#71

Phenanthrene

Concen: 2.574 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

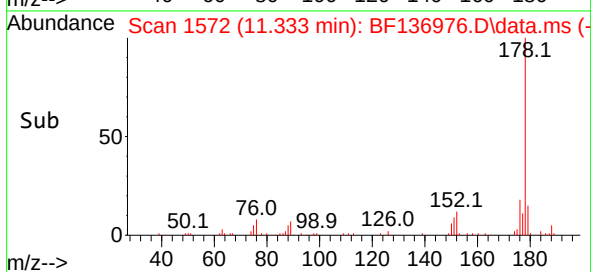
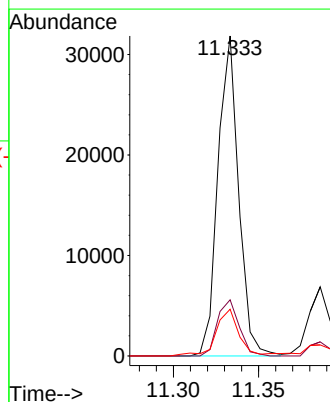
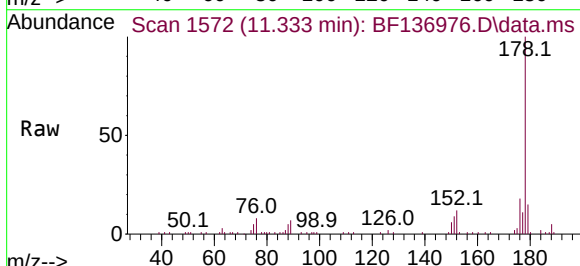
Tgt Ion:178 Resp: 26924

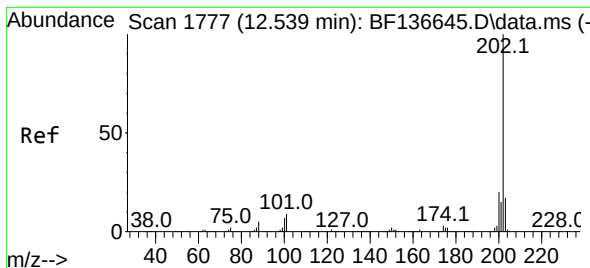
Ion Ratio Lower Upper

178 100

176 17.5 15.3 22.9

179 14.6 11.9 17.9

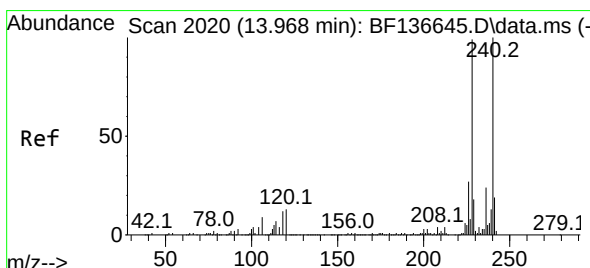
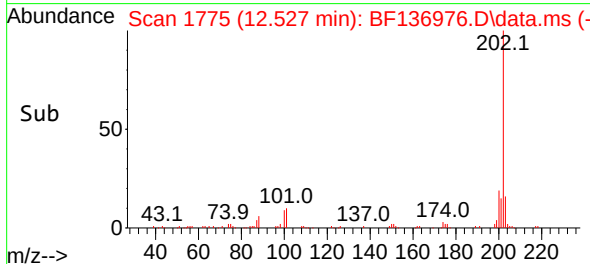
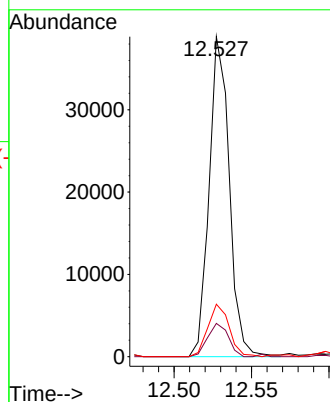
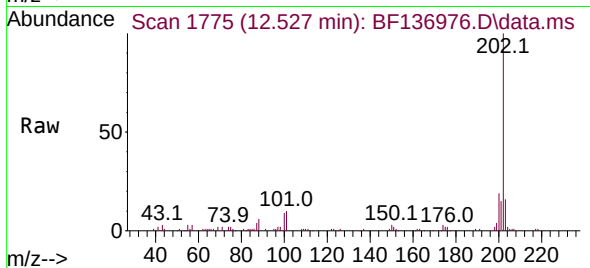




#75
Fluoranthene
Concen: 3.150 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

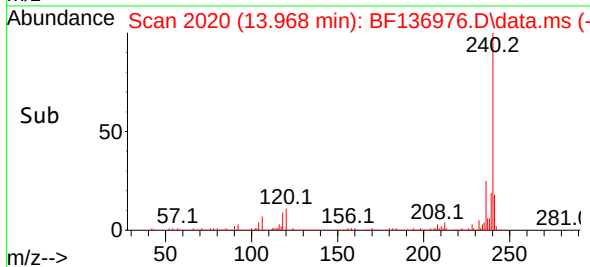
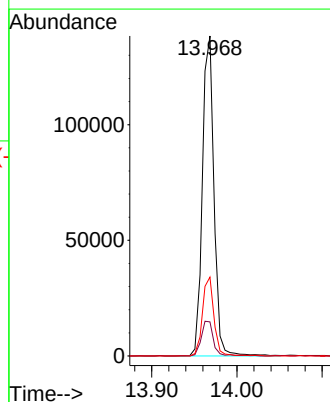
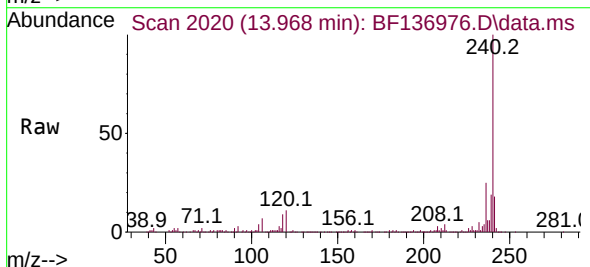
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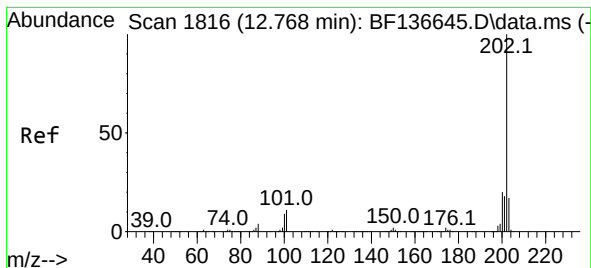
Tgt Ion:202 Resp: 35243
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.3
203 16.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136976.D
Acq: 05 Jan 2024 15:20

Tgt Ion:240 Resp: 130903
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 24.7 19.4 29.2





#78

Pyrene

Concen: 2.841 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :

MR-301P-25-27

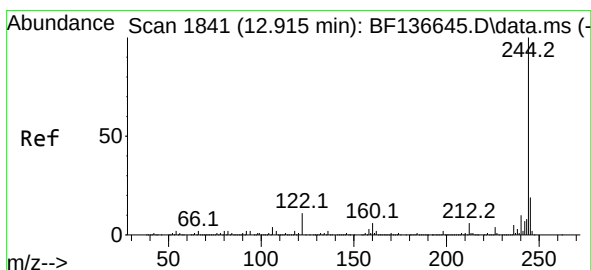
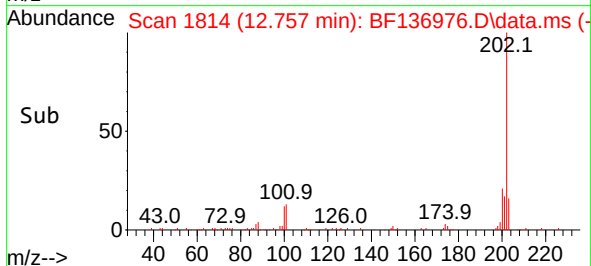
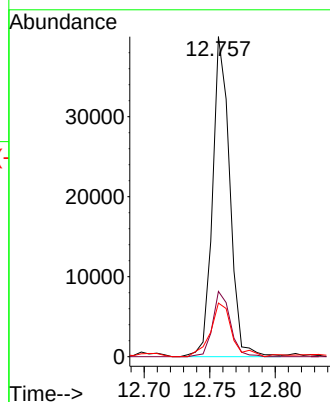
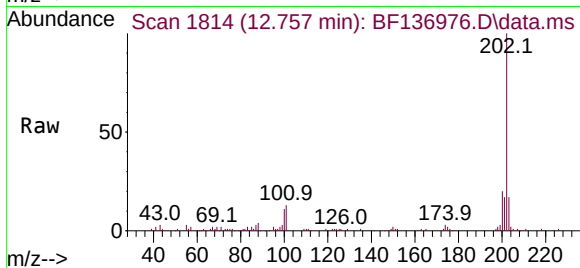
Tgt Ion:202 Resp: 36504

Ion Ratio Lower Upper

202 100

200 20.4 15.9 23.9

203 16.7 13.8 20.6



#79

Terphenyl-d14

Concen: 46.209 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136976.D

Acq: 05 Jan 2024 15:20

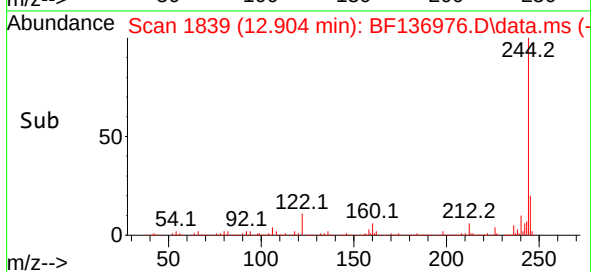
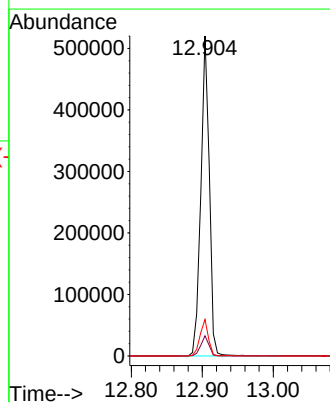
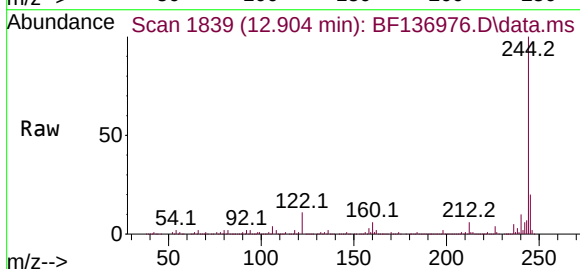
Tgt Ion:244 Resp: 432851

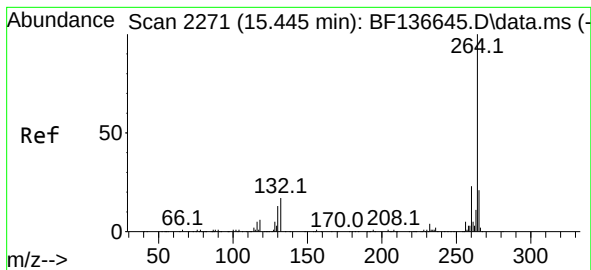
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.4 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136976.D

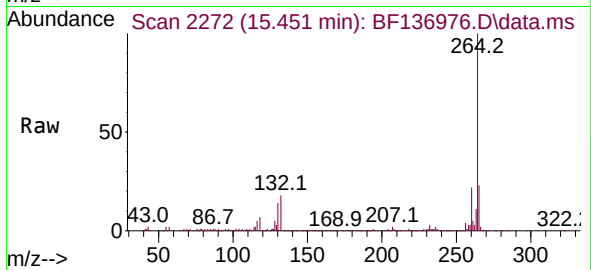
Acq: 05 Jan 2024 15:20

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 142614

Ion Ratio Lower Upper

264 100

260 22.0 18.3 27.5

265 22.8 17.0 25.6

