

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132386.D
 Acq On : 09 Feb 2023 19:13
 Operator : CG\JU
 Sample : 01508-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-2

Quant Time: Feb 10 01:01:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	136805	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	522960	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	272454	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	496155	20.000	ng	0.00
76) Chrysene-d12	14.248	240	266038	20.000	ng	0.00
86) Perylene-d12	15.818	264	309528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	753333	88.513	ng	0.00
7) Phenol-d6	6.660	99	888239	84.652	ng	0.00
23) Nitrobenzene-d5	7.607	82	530178	56.415	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	293050	104.593	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1087834	61.658	ng	0.00
79) Terphenyl-d14	13.183	244	1142552	83.077	ng	0.00

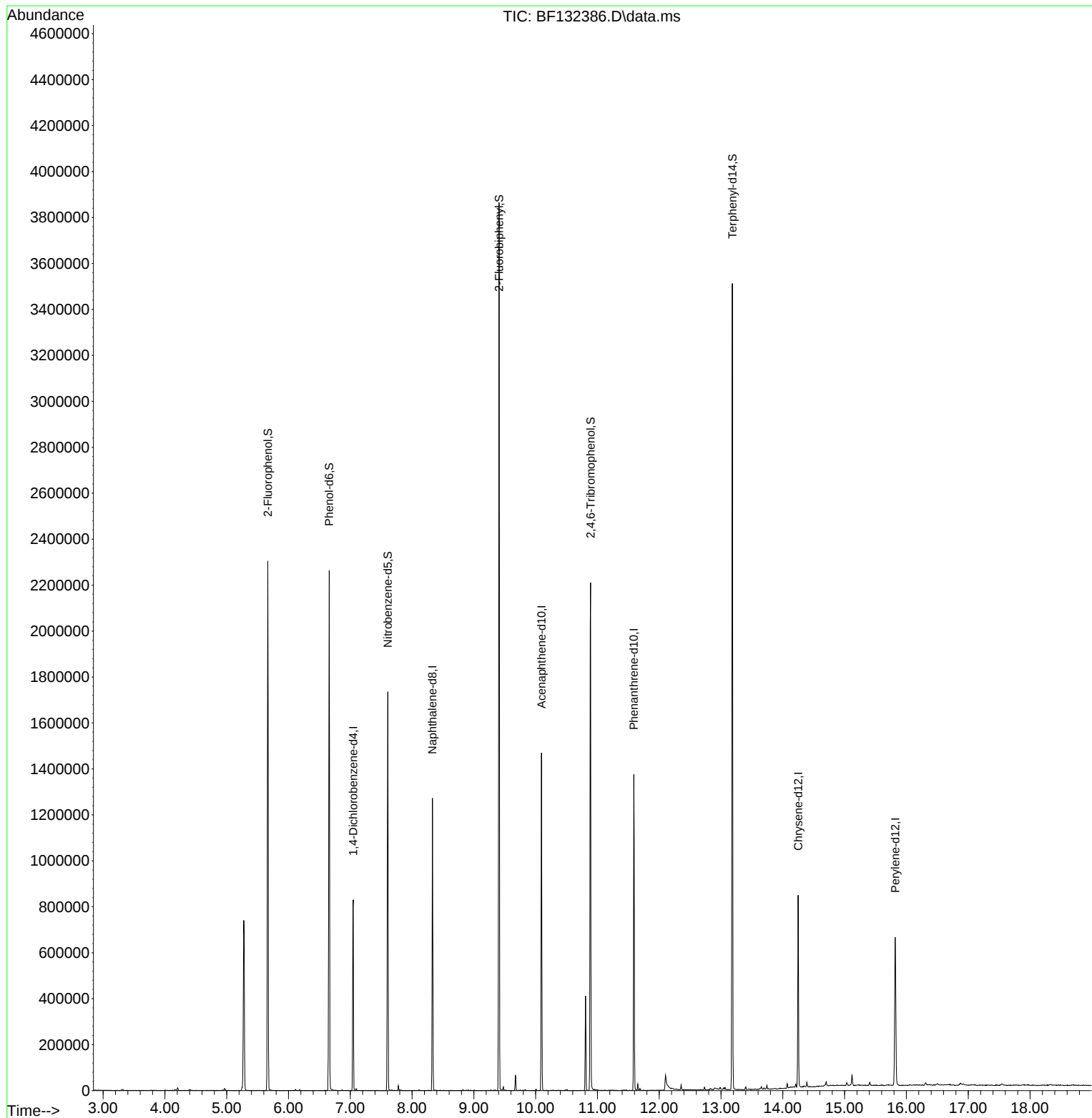
Target Compounds	Qvalue

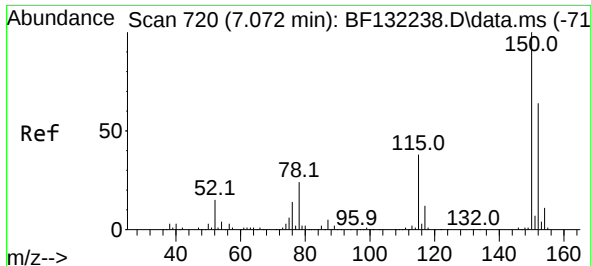
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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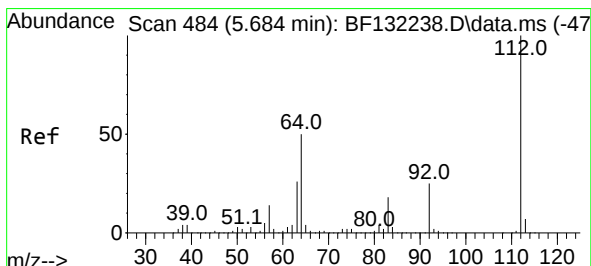
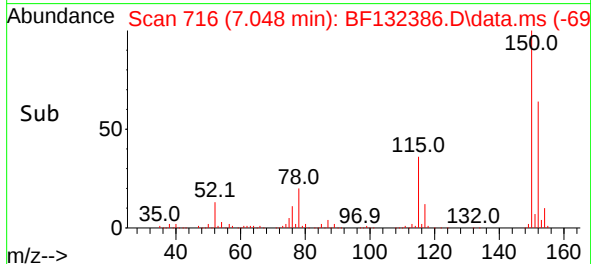
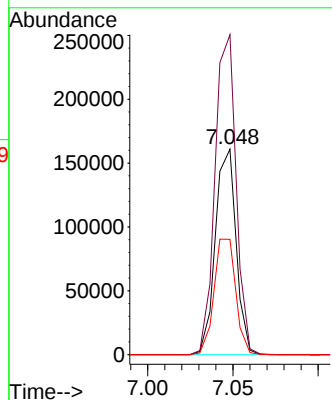
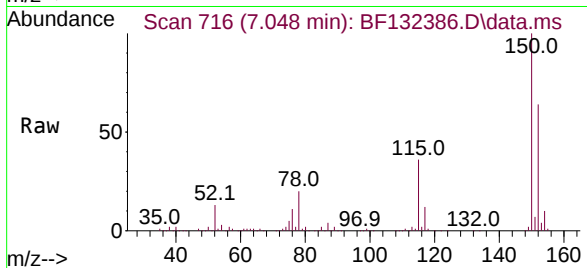




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132386.D
 Acq: 09 Feb 2023 19:13

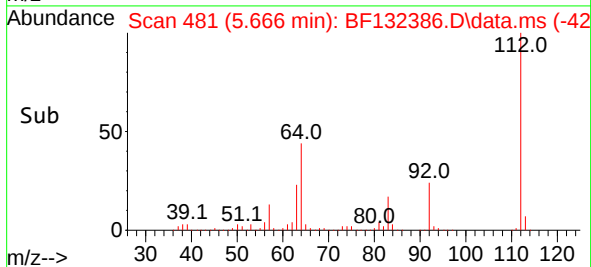
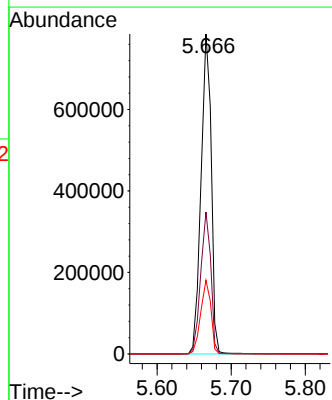
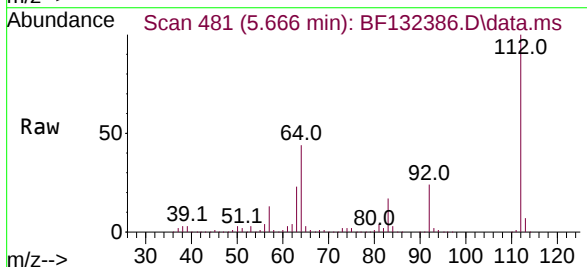
Instrument :
 BNA_F
 ClientSampleId :
 PA-2

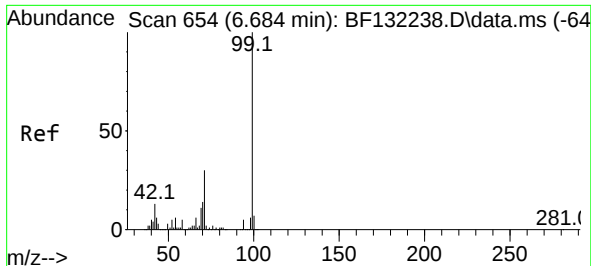
Tgt Ion:152 Resp: 136805
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.2
 115 56.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 88.513 ng
 RT: 5.666 min Scan# 481
 Delta R.T. 0.006 min
 Lab File: BF132386.D
 Acq: 09 Feb 2023 19:13

Tgt Ion:112 Resp: 753333
 Ion Ratio Lower Upper
 112 100
 64 44.3 40.0 60.0
 63 23.0 20.5 30.7

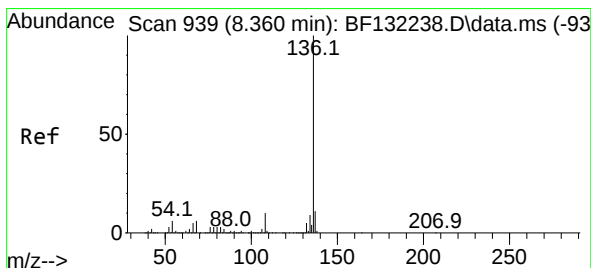
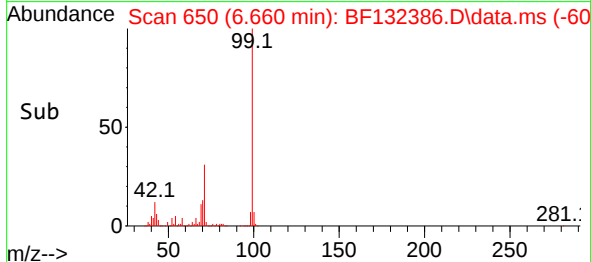
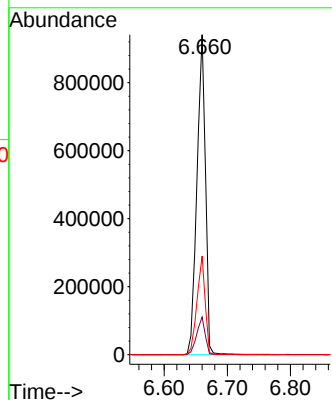
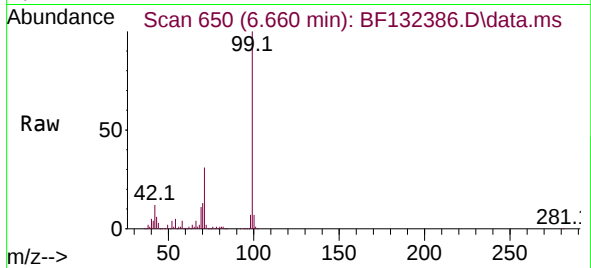




#7
Phenol-d6
Concen: 84.652 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

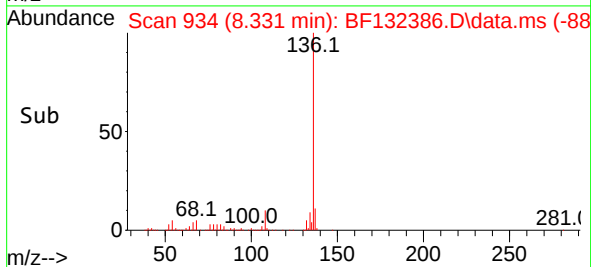
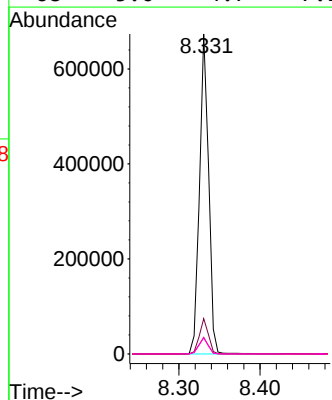
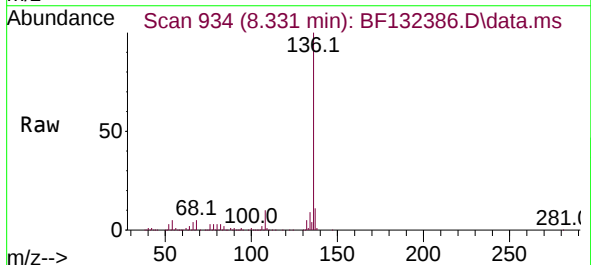
Instrument :
BNA_F
ClientSampleId :
PA-2

Tgt Ion: 99 Resp: 888239
Ion Ratio Lower Upper
99 100
42 11.7 10.1 15.1
71 30.8 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

Tgt Ion: 136 Resp: 522960
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.2 4.9 7.3
68 5.0 4.7 7.1

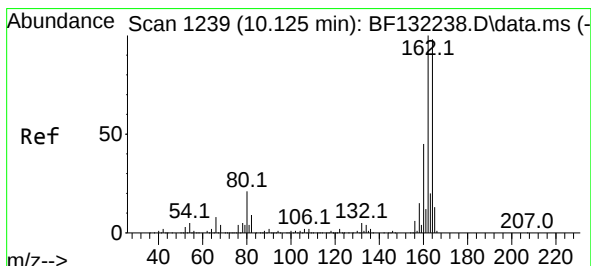
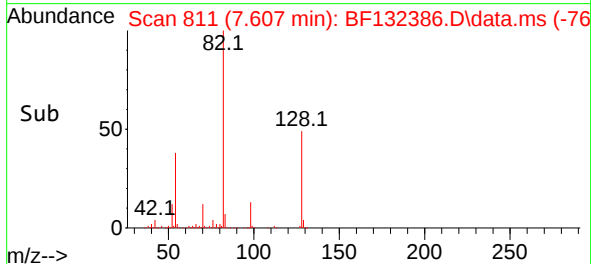
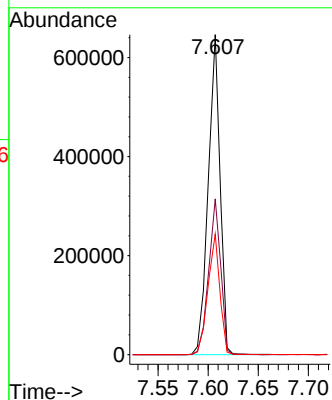
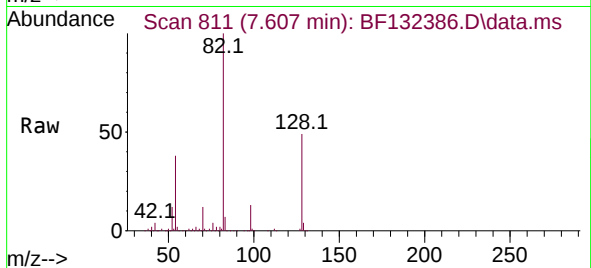




#23
Nitrobenzene-d5
Concen: 56.415 ng
RT: 7.607 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

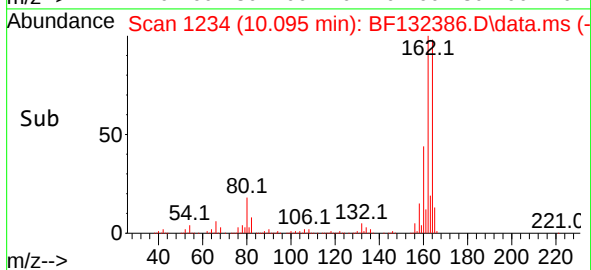
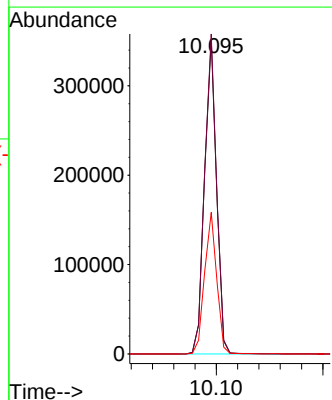
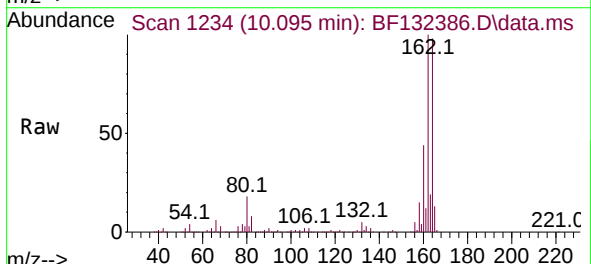
Instrument :
BNA_F
ClientSampleId :
PA-2

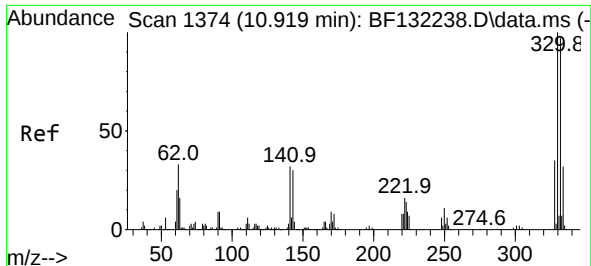
Tgt Ion: 82 Resp: 530178
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 37.7 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

Tgt Ion: 164 Resp: 272454
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 45.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 104.593 ng

RT: 10.889 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132386.D

Acq: 09 Feb 2023 19:13

Instrument :

BNA_F

ClientSampleId :

PA-2

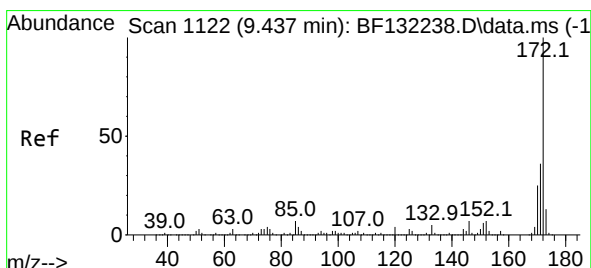
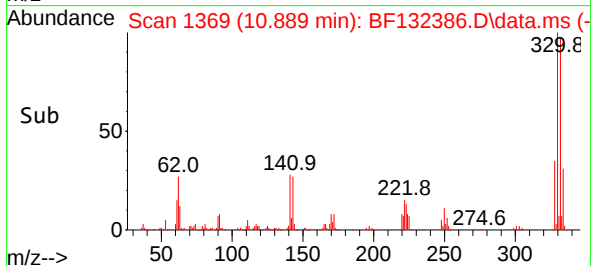
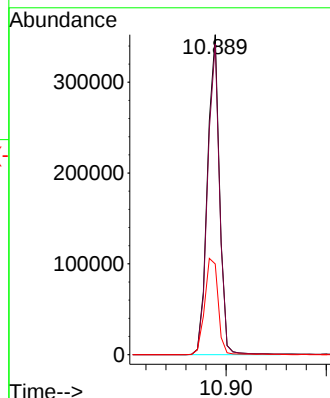
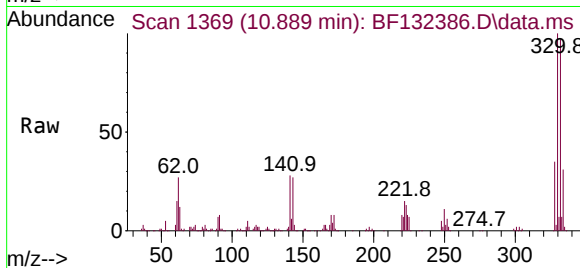
Tgt Ion:330 Resp: 293050

Ion Ratio Lower Upper

330 100

332 96.9 77.9 116.9

141 33.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 61.658 ng

RT: 9.407 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132386.D

Acq: 09 Feb 2023 19:13

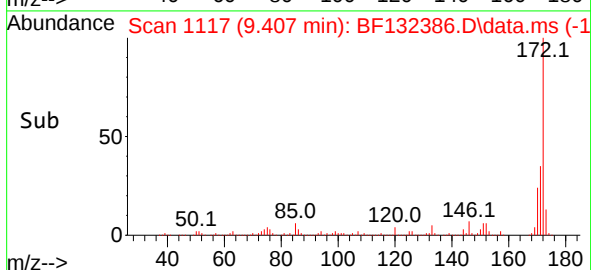
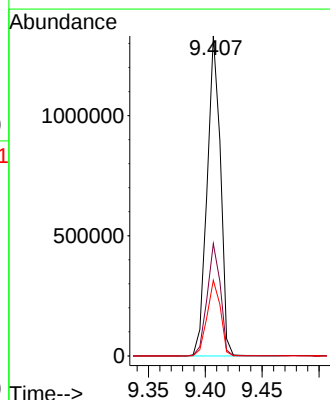
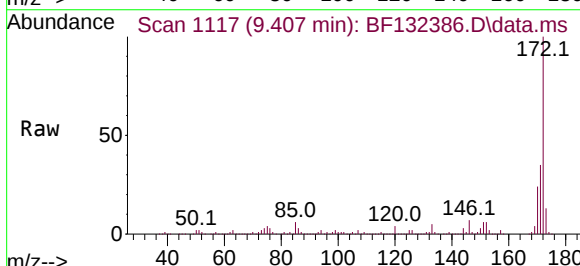
Tgt Ion:172 Resp: 1087834

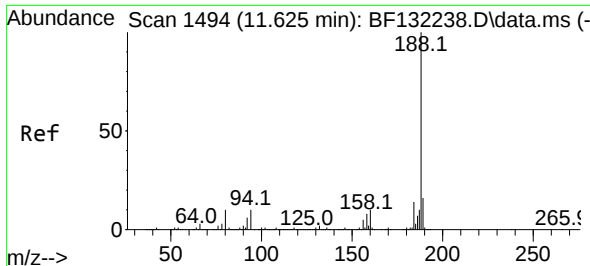
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.6 19.7 29.5

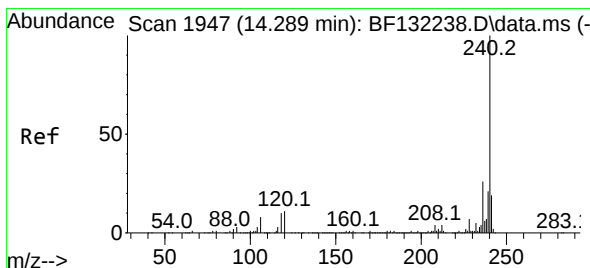
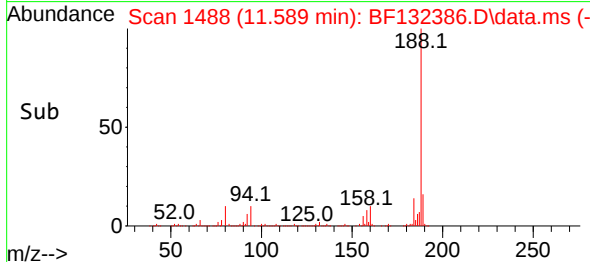
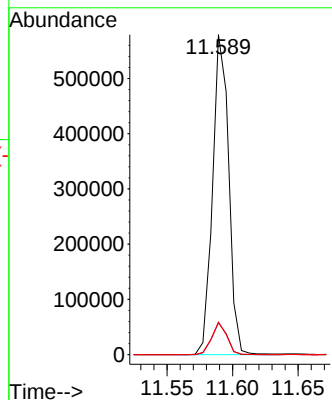
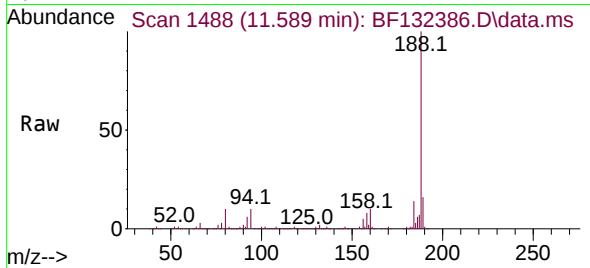




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

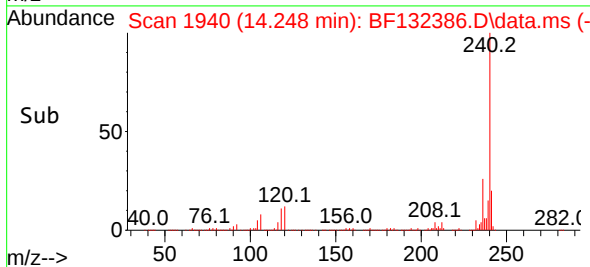
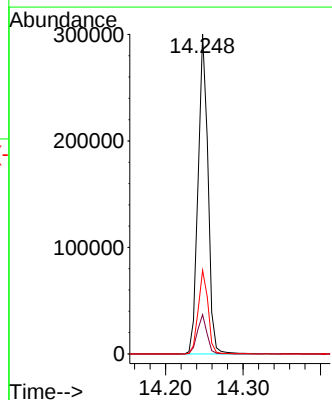
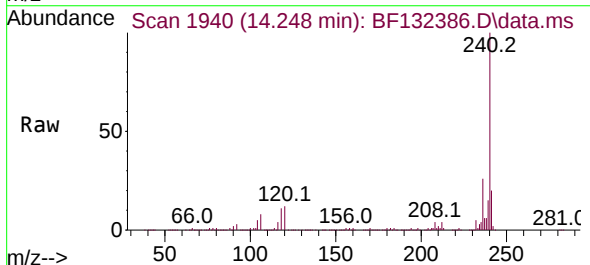
Instrument :
BNA_F
ClientSampleId :
PA-2

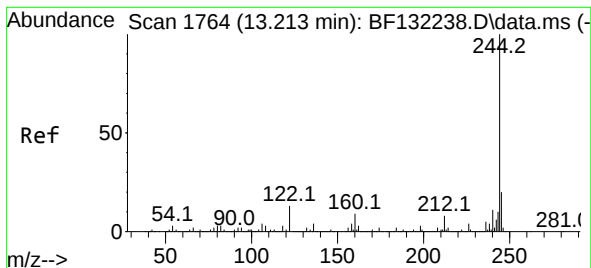
Tgt Ion:188 Resp: 496155
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.2 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132386.D
Acq: 09 Feb 2023 19:13

Tgt Ion:240 Resp: 266038
Ion Ratio Lower Upper
240 100
120 12.3 8.8 13.2
236 26.1 21.0 31.6





#79

Terphenyl-d14

Concen: 83.077 ng

RT: 13.183 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132386.D

Acq: 09 Feb 2023 19:13

Instrument :

BNA_F

ClientSampleId :

PA-2

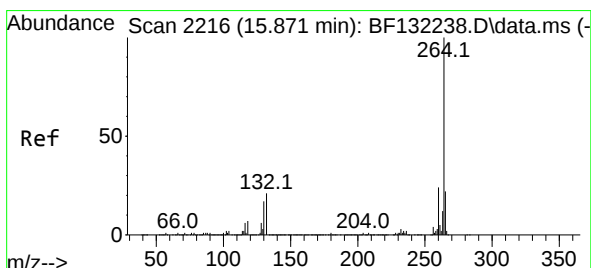
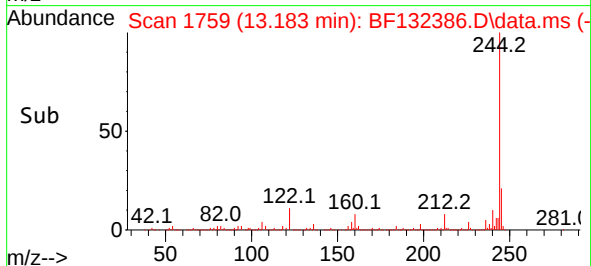
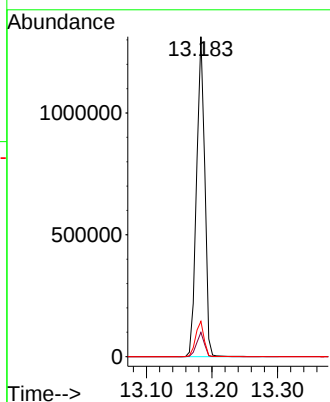
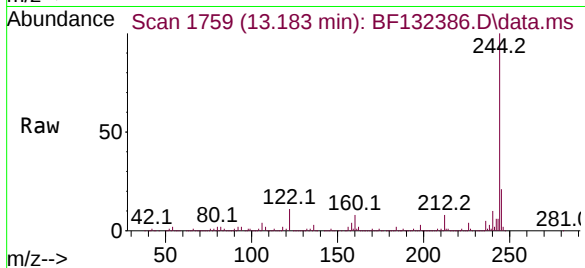
Tgt Ion:244 Resp: 1142552

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

122 11.0 10.5 15.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.818 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF132386.D

Acq: 09 Feb 2023 19:13

Tgt Ion:264 Resp: 309528

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 21.3 17.4 26.2

