

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132383.D
 Acq On : 09 Feb 2023 17:35
 Operator : CG\JU
 Sample : 01454-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WP-1

Quant Time: Feb 10 01:00:55 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)

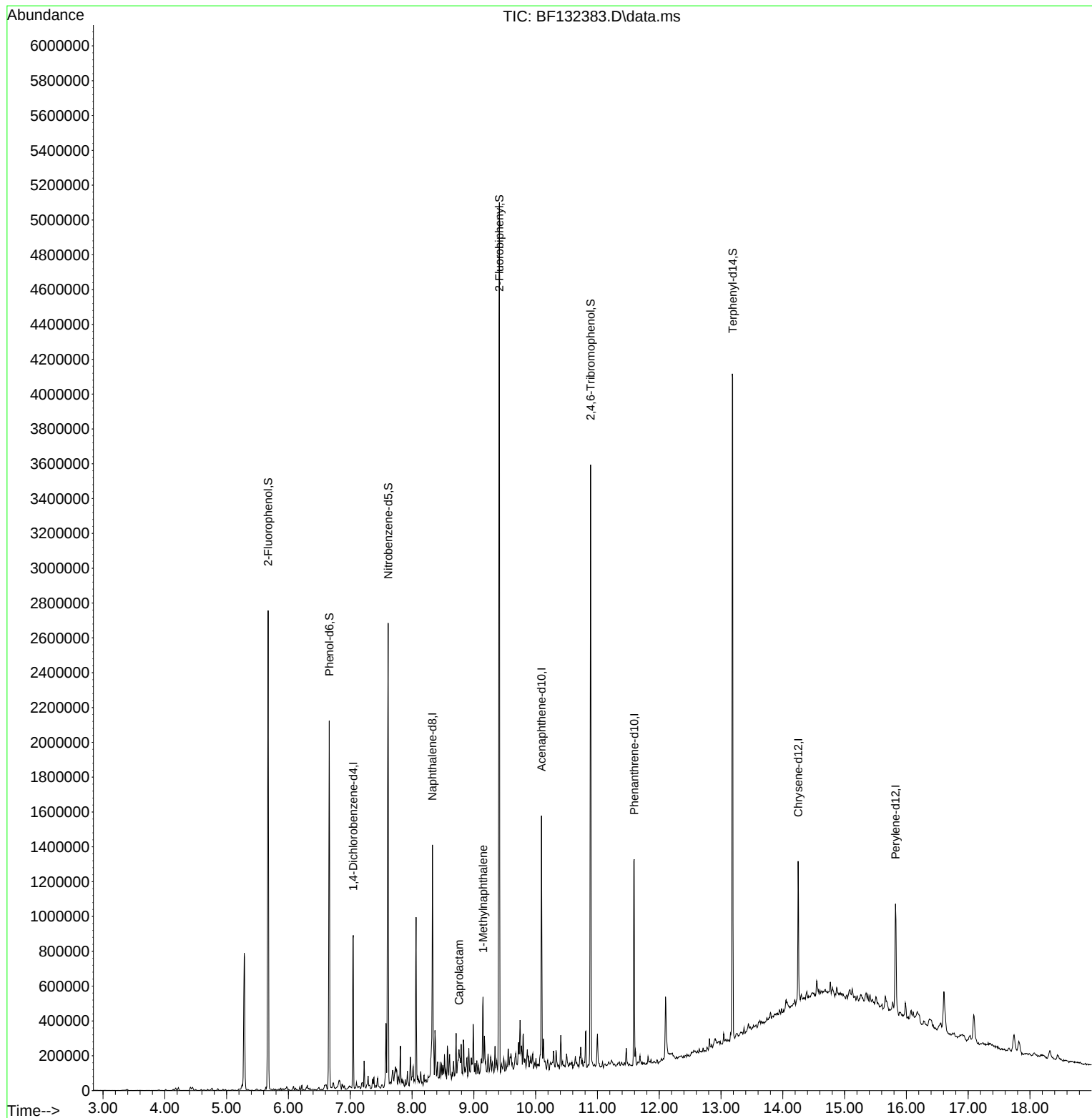
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	145331	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	531245	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	268215	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	469993	20.000	ng	# 0.00
76) Chrysene-d12	14.248	240	260327	20.000	ng	0.00
86) Perylene-d12	15.824	264	308666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	908515	100.484	ng	0.01
7) Phenol-d6	6.660	99	838077	75.186	ng	0.00
23) Nitrobenzene-d5	7.613	82	831939	87.145	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	479199	173.735	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1574717	90.665	ng	0.00
79) Terphenyl-d14	13.189	244	1452545	107.934	ng	0.00
Target Compounds						
35) Caprolactam	8.760	113	41218	16.377	ng	Qvalue 94
38) 1-Methylnaphthalene	9.148	142	101706	6.179	ng	99

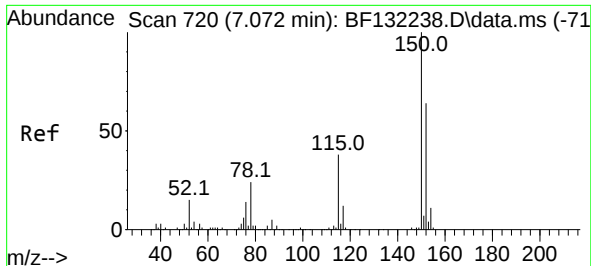
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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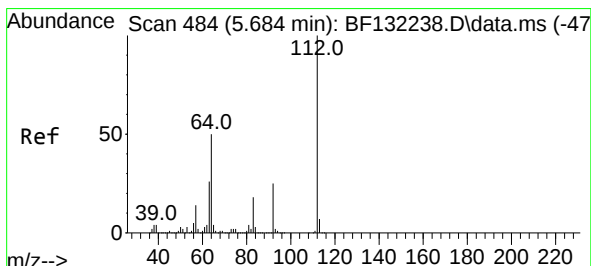
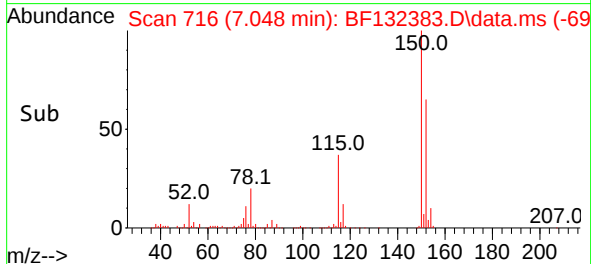
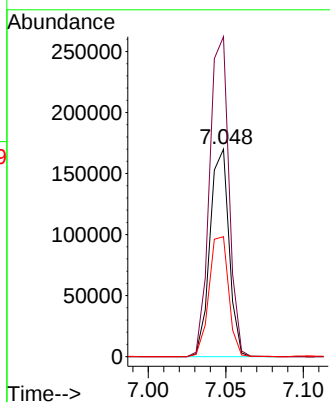
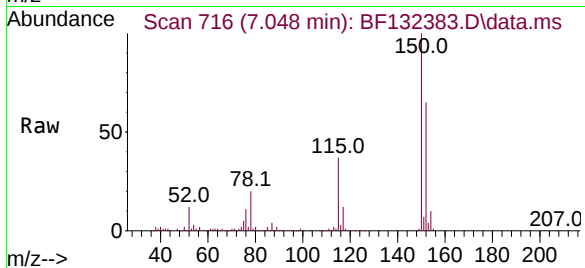




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

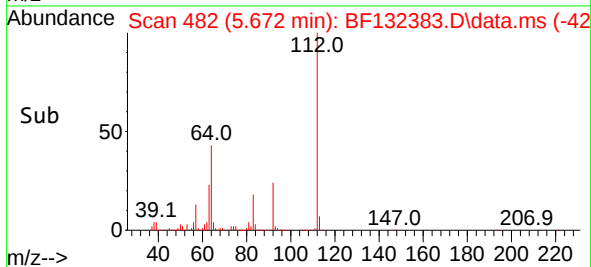
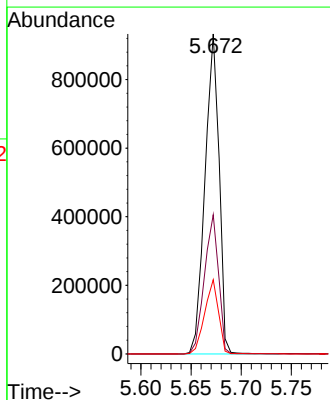
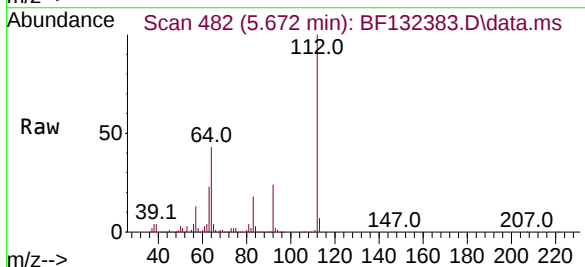
Instrument :
BNA_F
ClientSampleId :
WP-1

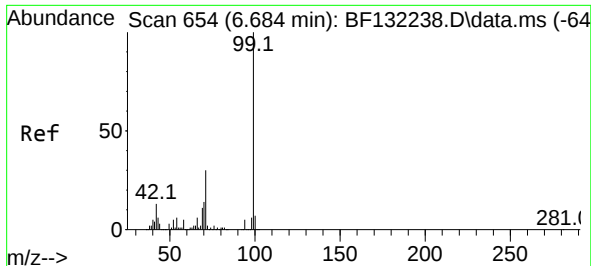
Tgt Ion:152 Resp: 145331
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 57.9 47.3 70.9



#5
2-Fluorophenol
Concen: 100.484 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.012 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:112 Resp: 908515
Ion Ratio Lower Upper
112 100
64 43.5 40.0 60.0
63 23.2 20.5 30.7

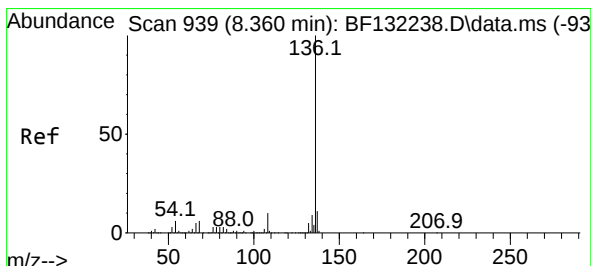
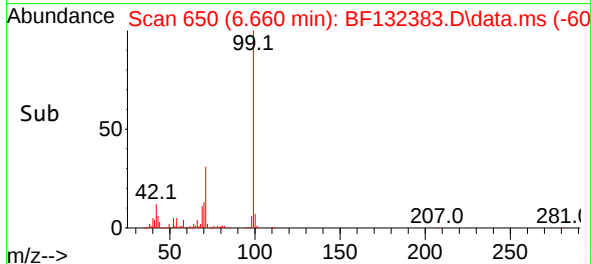
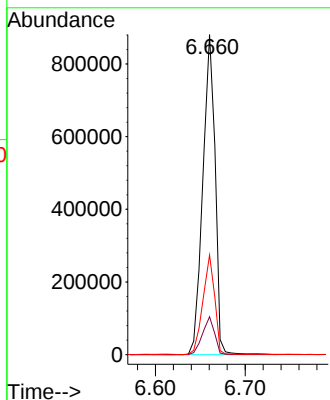
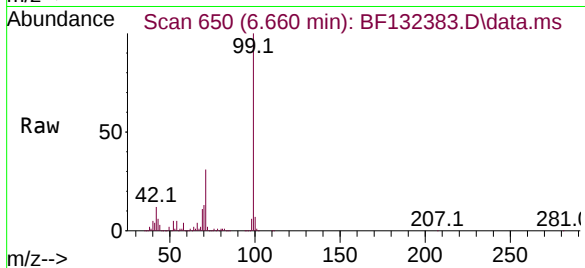




#7
Phenol-d6
Concen: 75.186 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

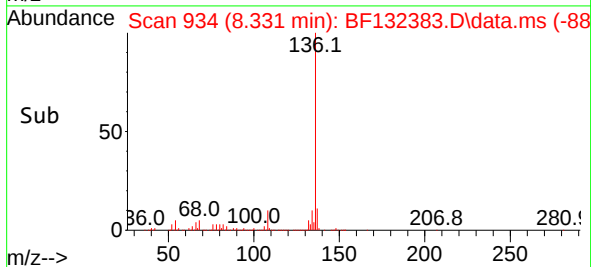
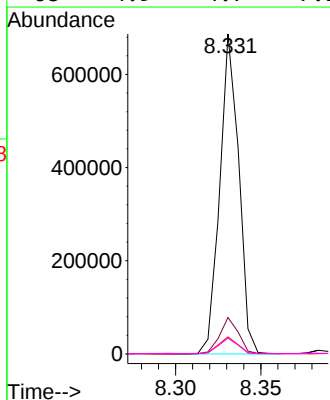
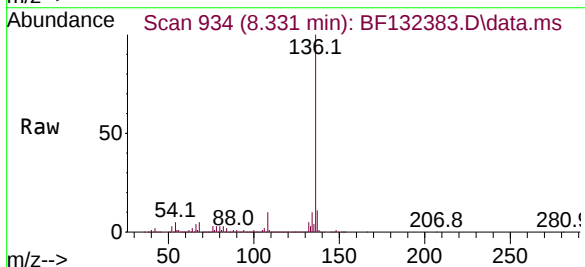
Instrument :
BNA_F
ClientSampleId :
WP-1

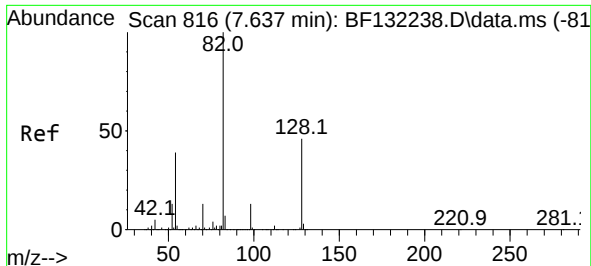
Tgt Ion: 99 Resp: 838077
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 31.1 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:136 Resp: 531245
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 5.3 4.9 7.3
68 4.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 87.145 ng

RT: 7.613 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WP-1

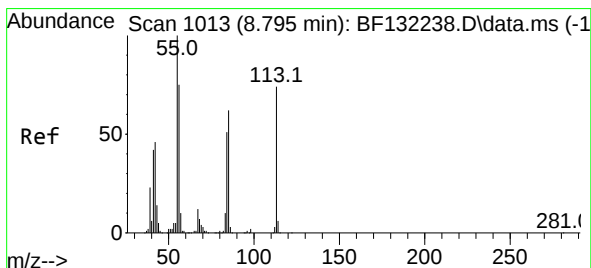
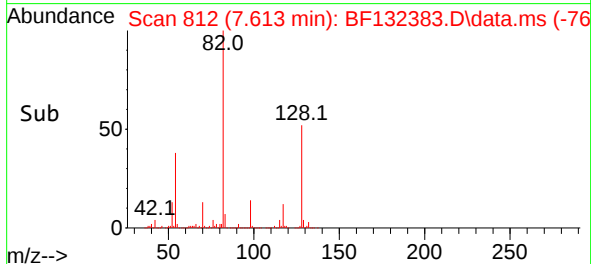
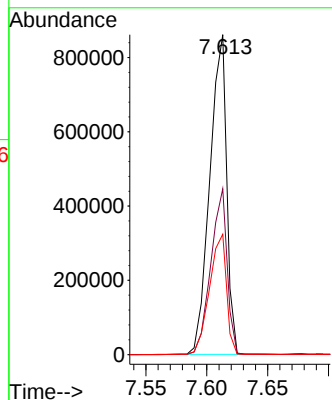
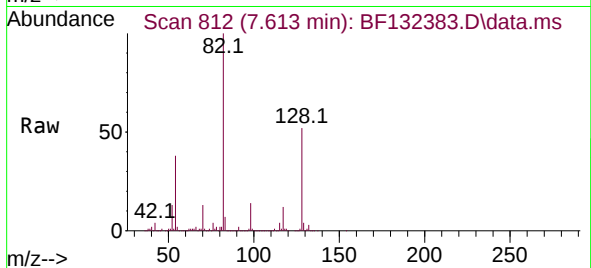
Tgt Ion: 82 Resp: 831939

Ion Ratio Lower Upper

82 100

128 51.8 37.0 55.4

54 37.6 31.5 47.3



#35

Caprolactam

Concen: 16.377 ng

RT: 8.760 min Scan# 1007

Delta R.T. -0.023 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

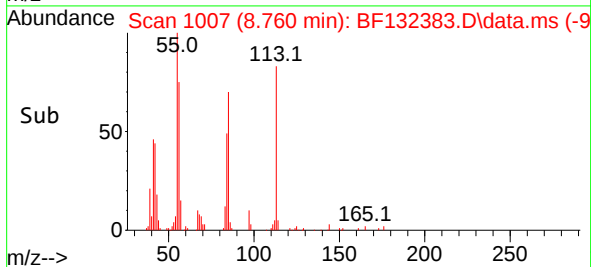
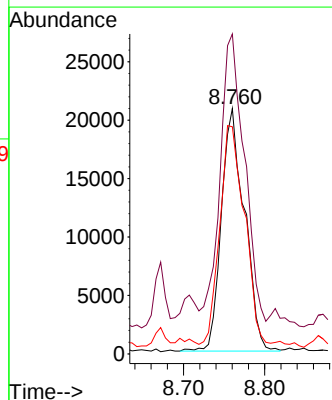
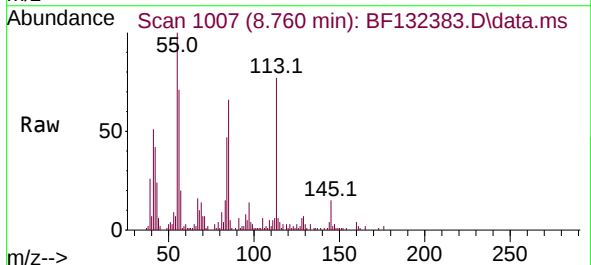
Tgt Ion: 113 Resp: 41218

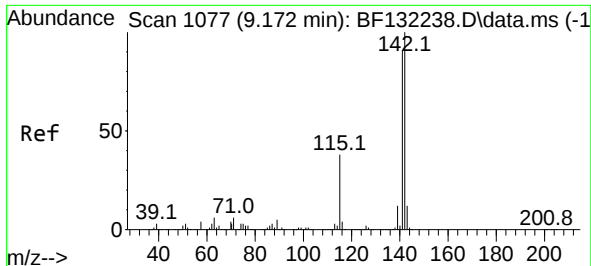
Ion Ratio Lower Upper

113 100

55 130.4 114.7 154.7

56 92.6 81.1 121.1

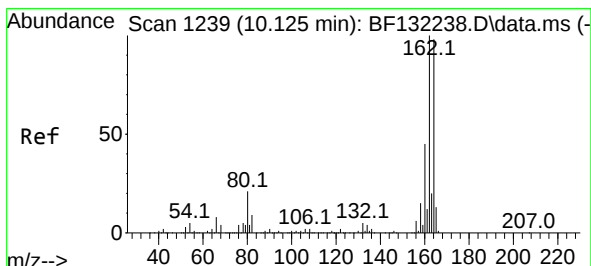
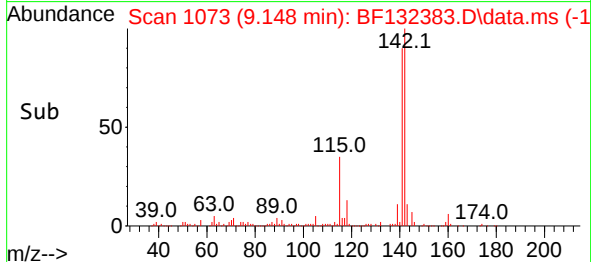
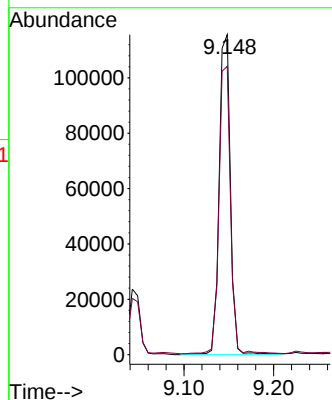
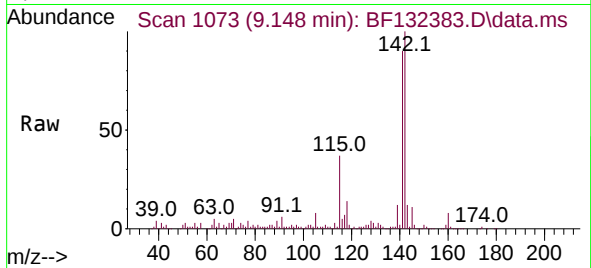




#38
1-Methylnaphthalene
Concen: 6.179 ng
RT: 9.148 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

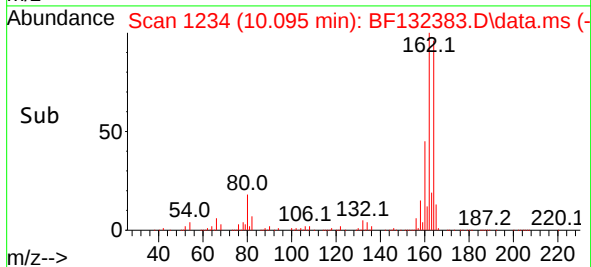
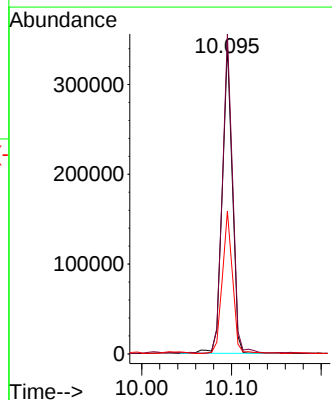
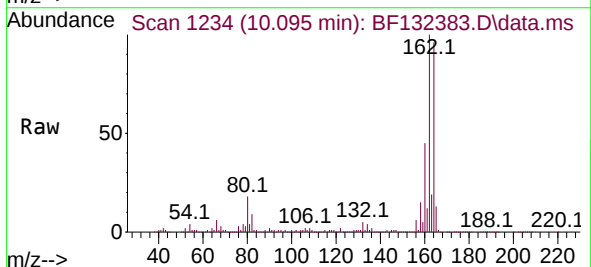
Instrument :
BNA_F
ClientSampleId :
WP-1

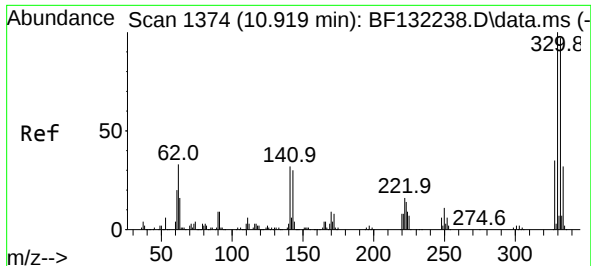
Tgt Ion:142 Resp: 101706
Ion Ratio Lower Upper
142 100
141 90.1 72.6 108.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:164 Resp: 268215
Ion Ratio Lower Upper
164 100
162 103.7 82.0 123.0
160 46.3 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 173.735 ng

RT: 10.889 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WP-1

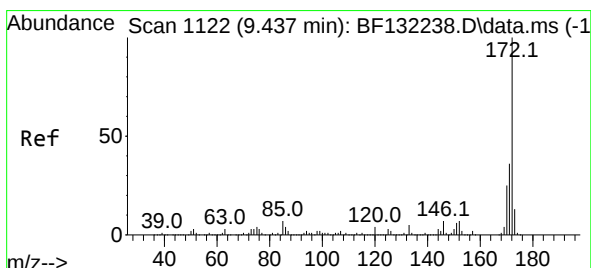
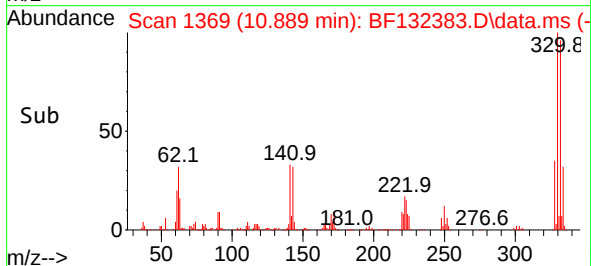
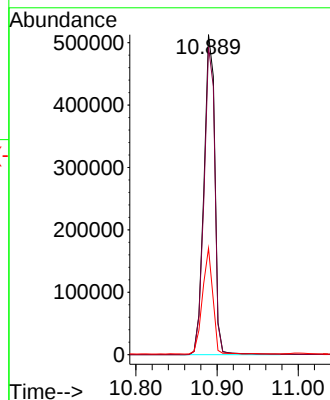
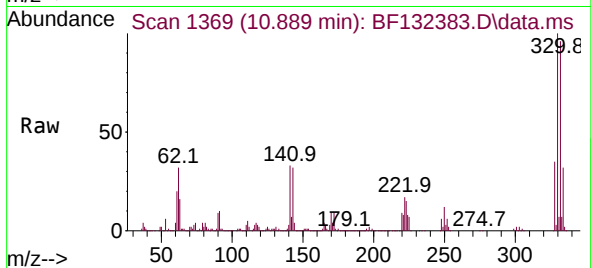
Tgt Ion:330 Resp: 479199

Ion Ratio Lower Upper

330 100

332 96.2 77.9 116.9

141 31.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 90.665 ng

RT: 9.413 min Scan# 1118

Delta R.T. 0.000 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

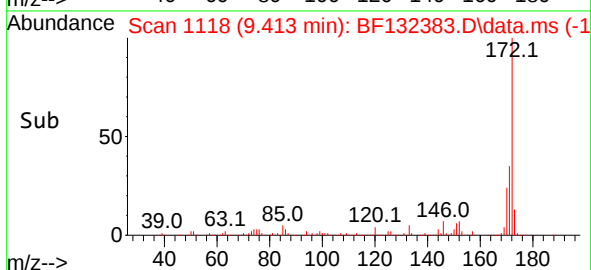
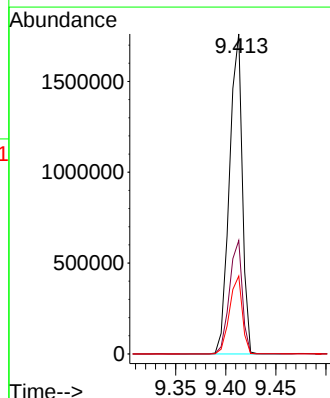
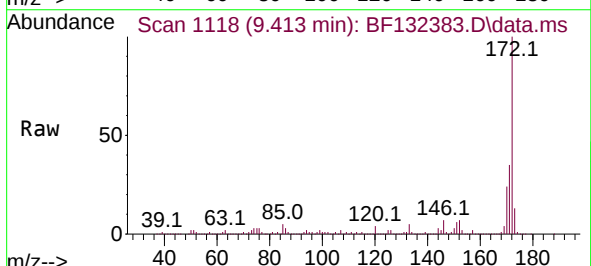
Tgt Ion:172 Resp: 1574717

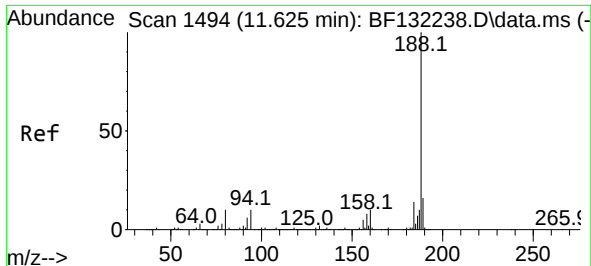
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 24.3 19.7 29.5

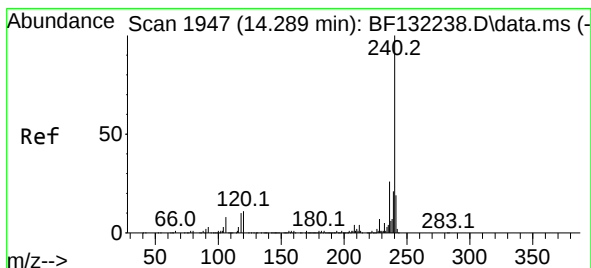
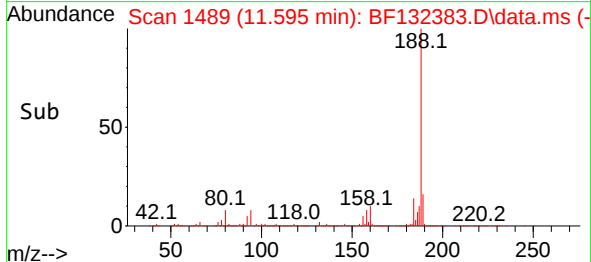
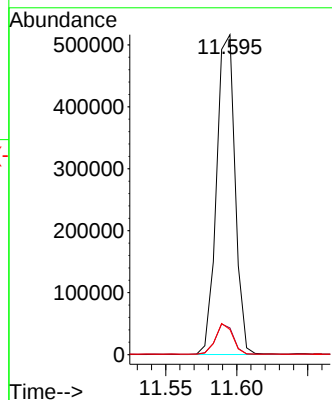
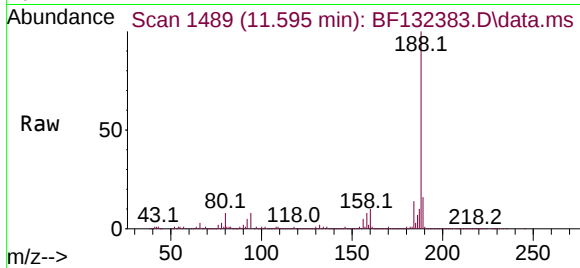




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

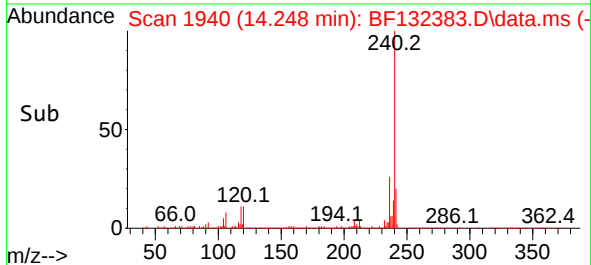
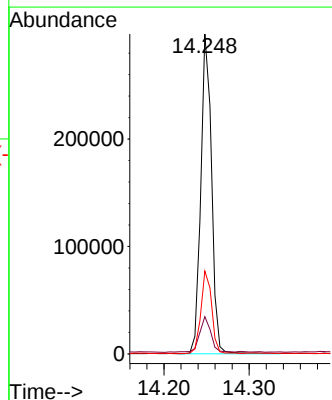
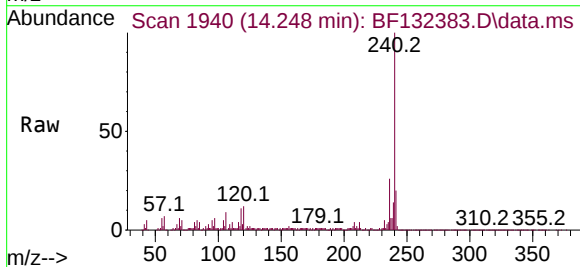
Instrument :
BNA_F
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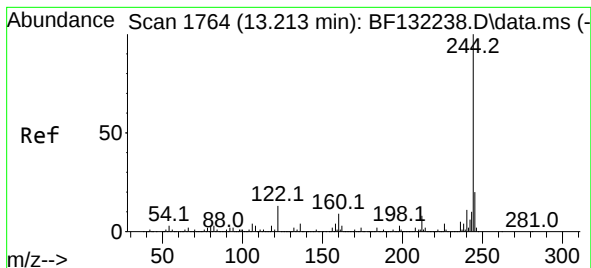
Tgt Ion:188 Resp: 469993
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 7.8 8.3 12.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132383.D
Acq: 09 Feb 2023 17:35

Tgt Ion:240 Resp: 260327
Ion Ratio Lower Upper
240 100
120 11.6 8.8 13.2
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 107.934 ng

RT: 13.189 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

Instrument :

BNA_F

ClientSampleId :

WP-1

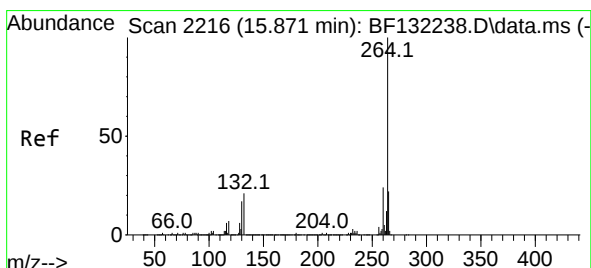
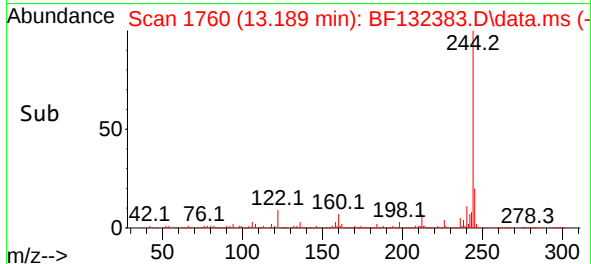
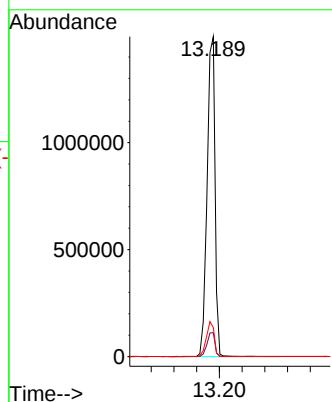
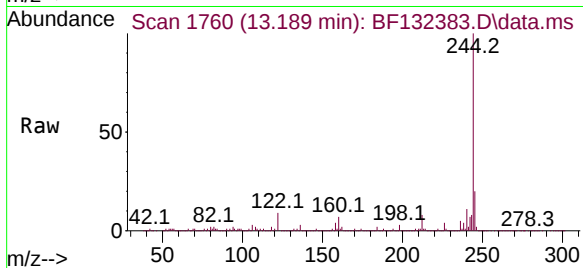
Tgt Ion:244 Resp: 1452545

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

122 9.1 10.5 15.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.824 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF132383.D

Acq: 09 Feb 2023 17:35

Tgt Ion:264 Resp: 308666

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 22.2 17.4 26.2

