

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136074.D
 Acq On : 01 Nov 2023 13:56
 Operator : CG\JU
 Sample : 05166-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Nov 01 22:39:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

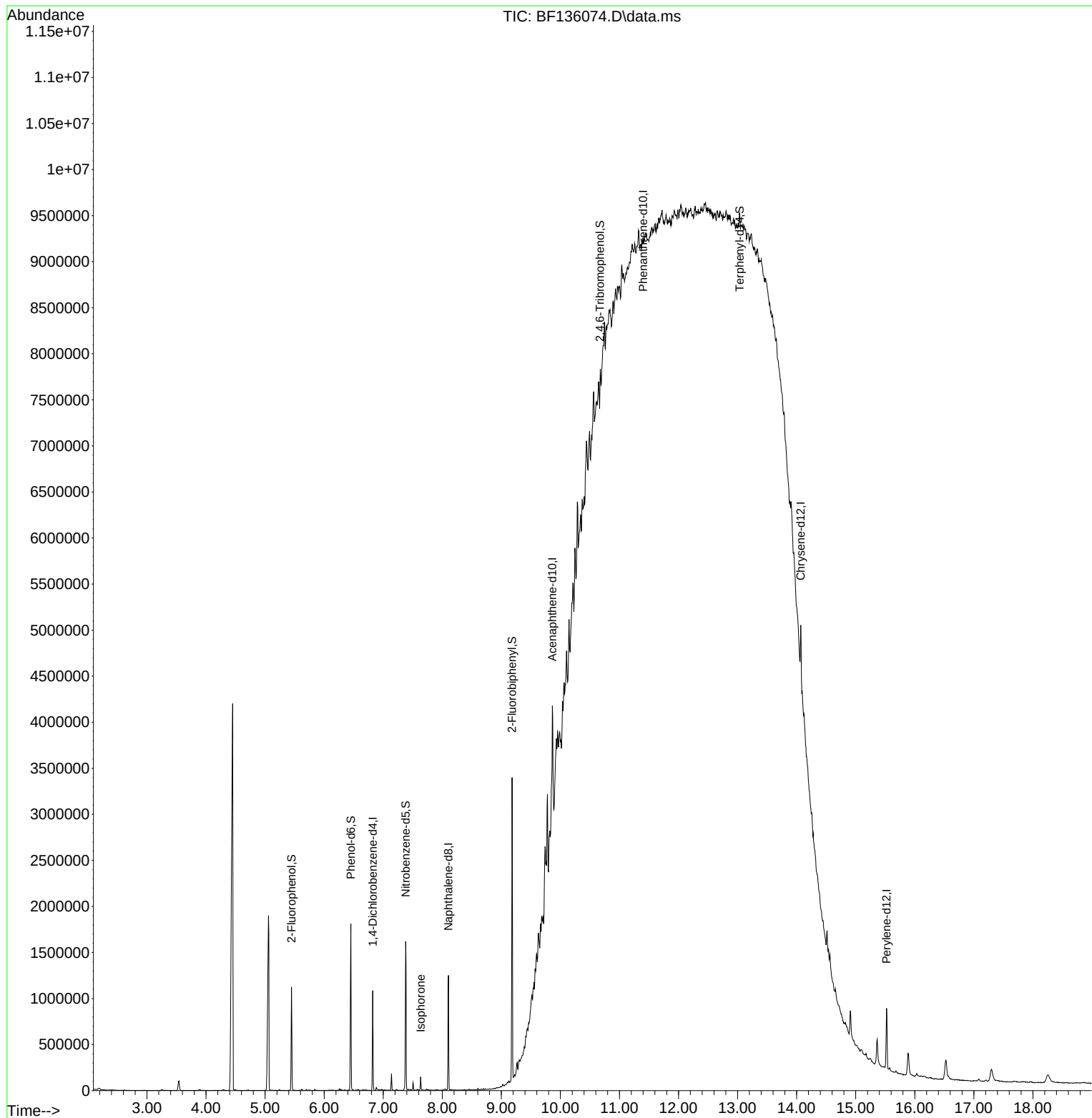
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	141084	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	523047	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	199500	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	118682	20.000	ng	# 0.04
76) Chrysene-d12	14.069	240	218997	20.000	ng	# 0.05
86) Perylene-d12	15.521	264	320096	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	284515	31.690	ng	0.00
7) Phenol-d6	6.451	99	557320	49.822	ng	0.00
23) Nitrobenzene-d5	7.381	82	492238	56.732	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	45307	21.277	ng	0.01
45) 2-Fluorobiphenyl	9.181	172	911157	72.806	ng	0.00
79) Terphenyl-d14	13.033	244	298854	21.207	ng	0.08
Target Compounds						
25) Isophorone	7.634	82	43140	2.634	ng	Qvalue 99

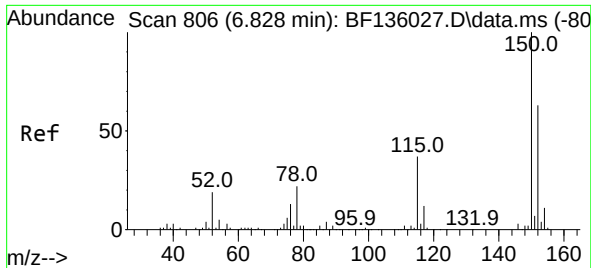
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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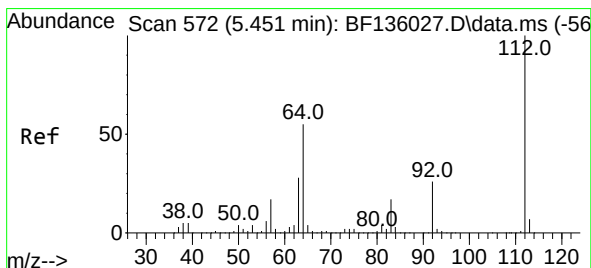
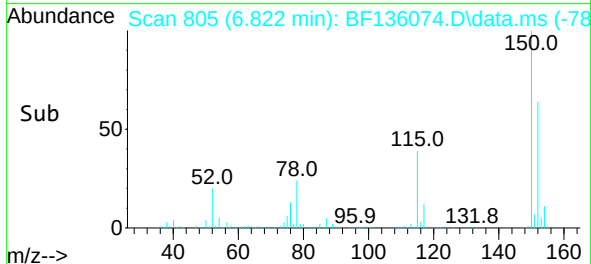
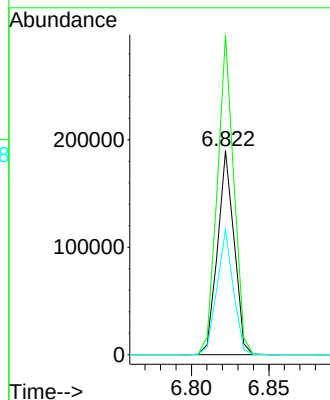
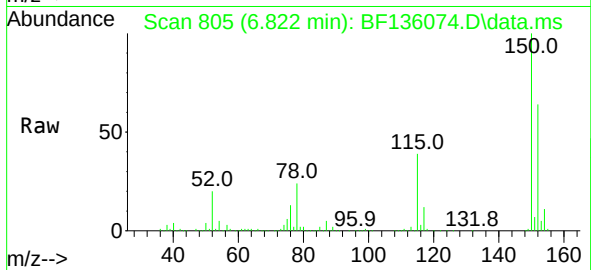




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

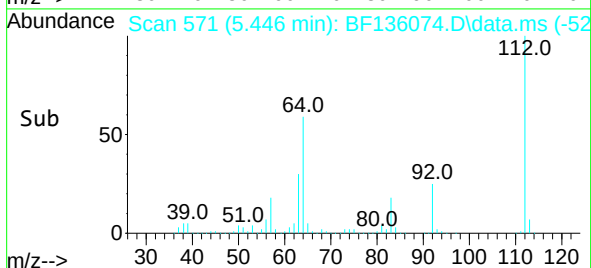
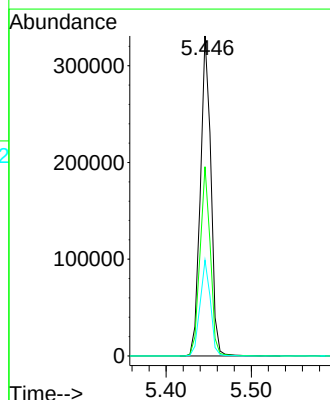
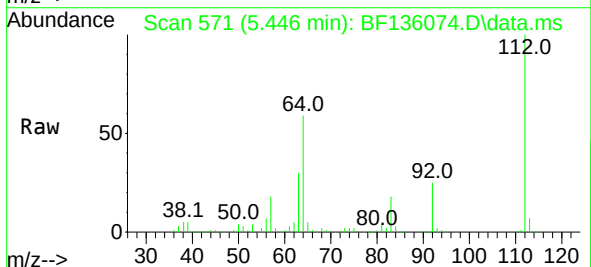
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

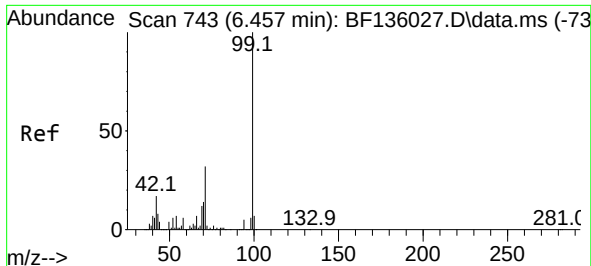
Tgt Ion:152 Resp: 141084
Ion Ratio Lower Upper
152 100
150 156.9 126.4 189.6
115 61.3 47.0 70.4



#5
2-Fluorophenol
Concen: 31.690 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

Tgt Ion:112 Resp: 284515
Ion Ratio Lower Upper
112 100
64 59.2 43.9 65.9
63 30.0 22.4 33.6

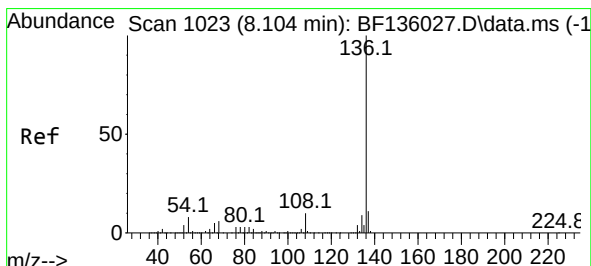
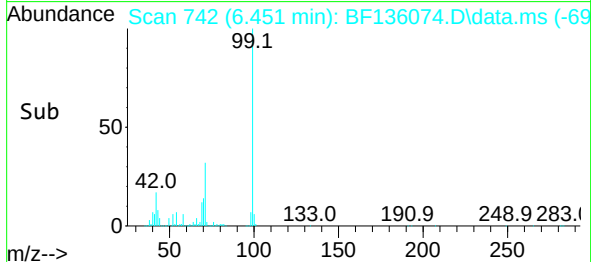
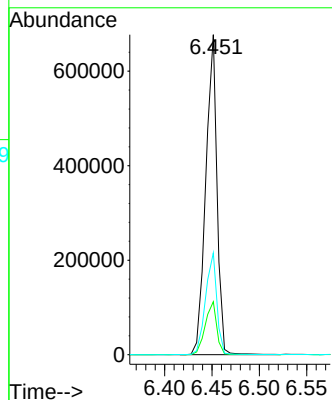
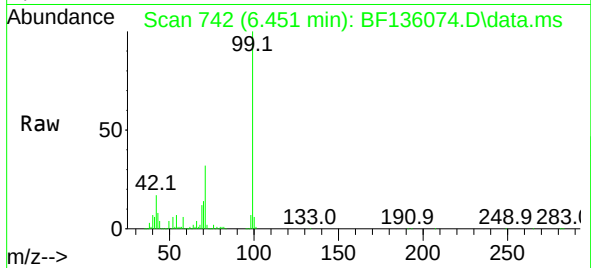




#7
Phenol-d6
Concen: 49.822 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

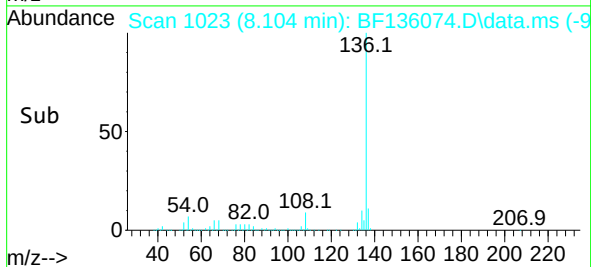
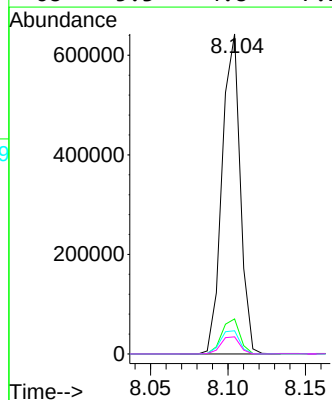
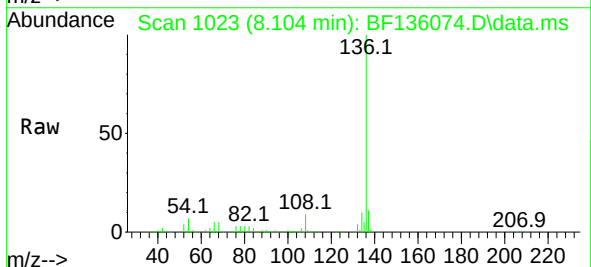
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

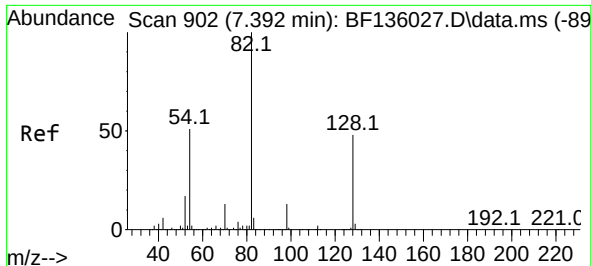
Tgt Ion: 99 Resp: 557320
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 31.8 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

Tgt Ion: 136 Resp: 523047
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.3 6.6 9.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 56.732 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136074.D

Acq: 01 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

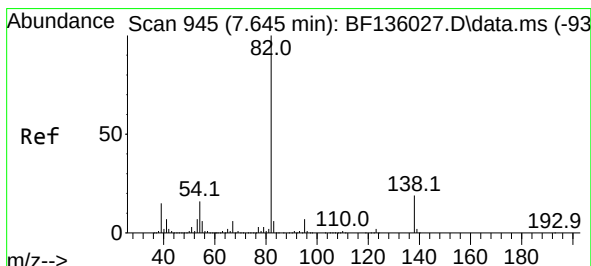
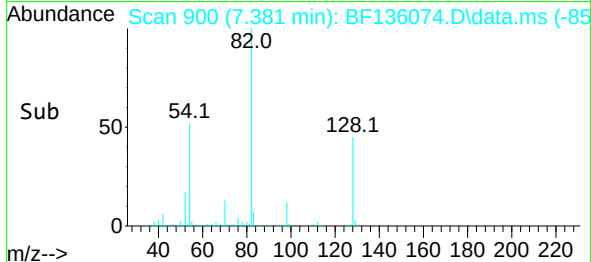
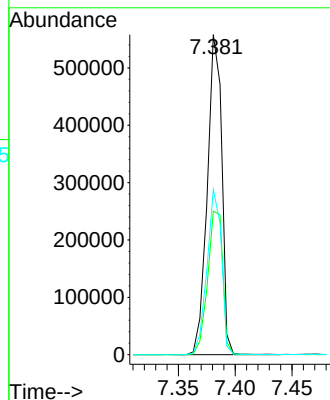
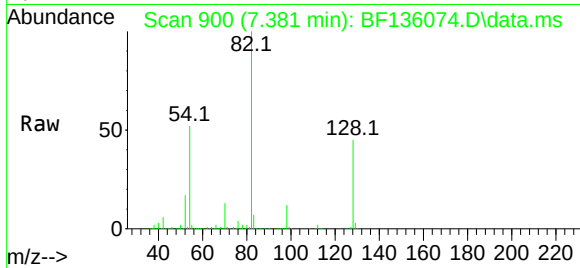
Tgt Ion: 82 Resp: 492238

Ion Ratio Lower Upper

82 100

128 44.8 38.6 57.8

54 51.6 40.8 61.2



#25

Isophorone

Concen: 2.634 ng

RT: 7.634 min Scan# 943

Delta R.T. -0.012 min

Lab File: BF136074.D

Acq: 01 Nov 2023 13:56

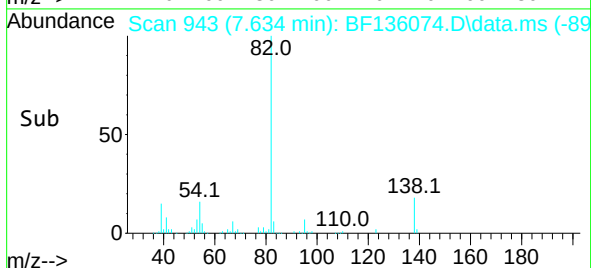
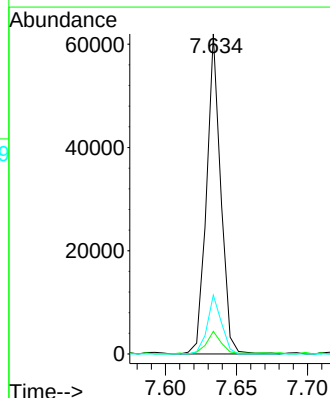
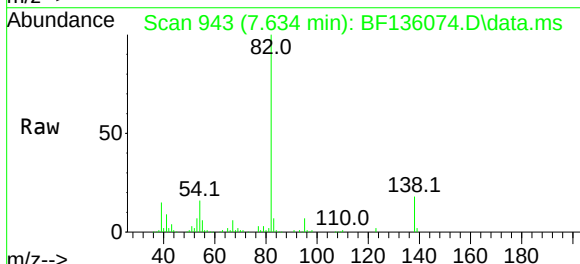
Tgt Ion: 82 Resp: 43140

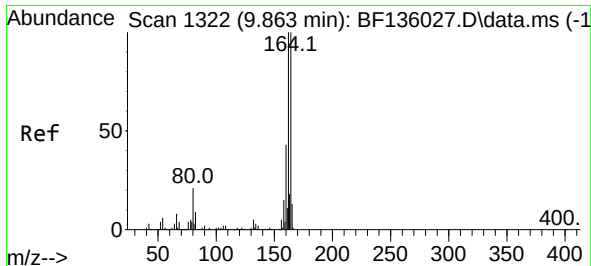
Ion Ratio Lower Upper

82 100

95 7.1 5.9 8.9

138 18.4 15.3 22.9

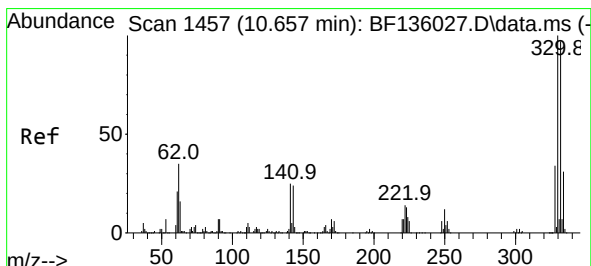
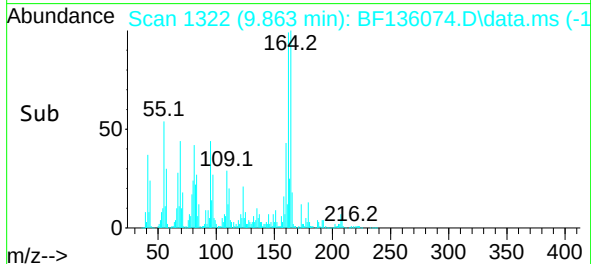
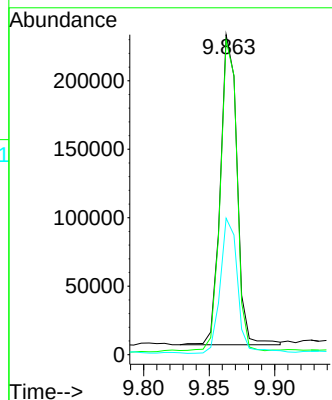
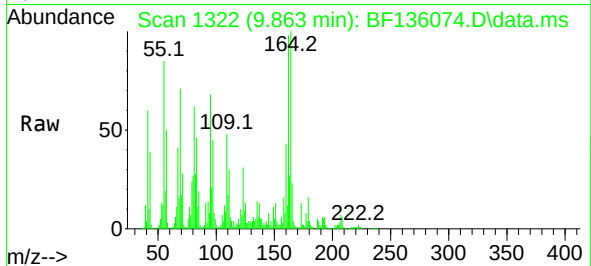




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

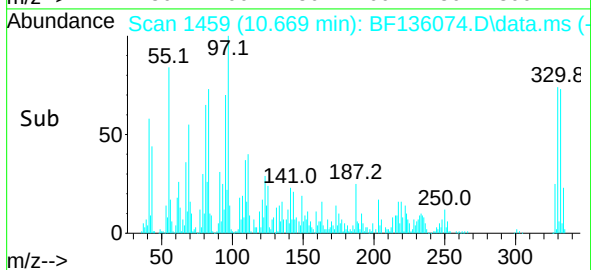
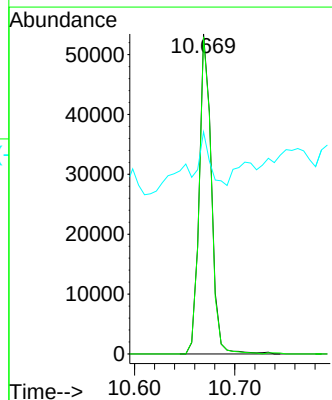
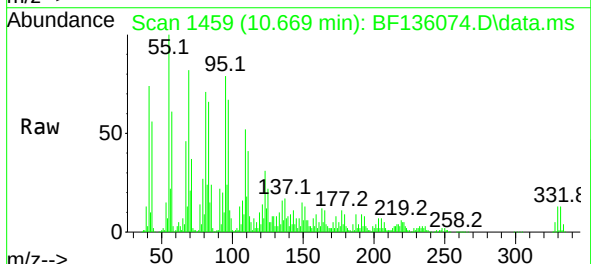
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

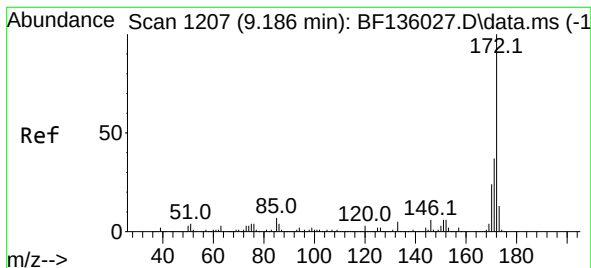
Tgt Ion:164 Resp: 199500
Ion Ratio Lower Upper
164 100
162 98.2 80.1 120.1
160 42.7 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 21.277 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.012 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

Tgt Ion:330 Resp: 45307
Ion Ratio Lower Upper
330 100
332 98.2 76.9 115.3
141 35.7 23.2 34.8#





#45

2-Fluorobiphenyl

Concen: 72.806 ng

RT: 9.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136074.D

Acq: 01 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

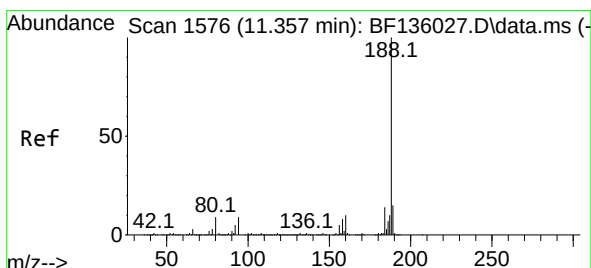
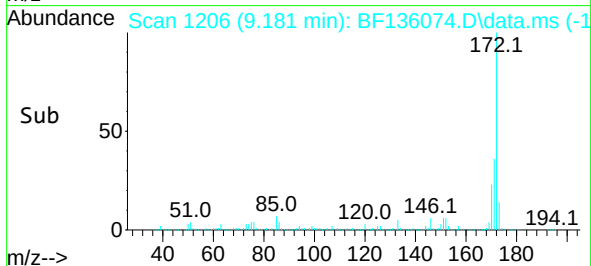
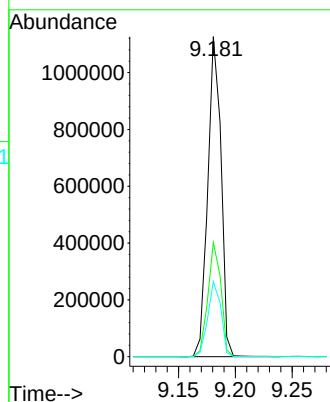
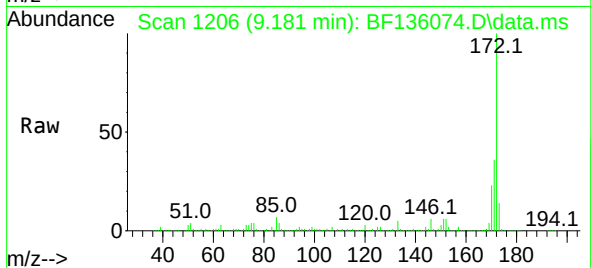
Tgt Ion:172 Resp: 911157

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

170 23.5 19.3 28.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.041 min

Lab File: BF136074.D

Acq: 01 Nov 2023 13:56

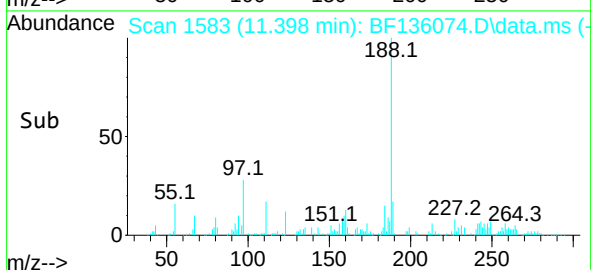
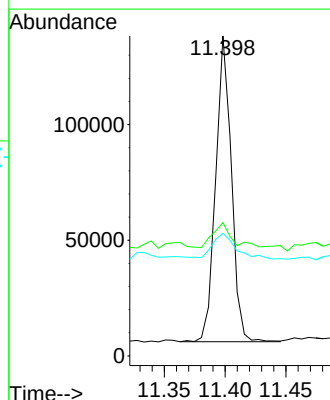
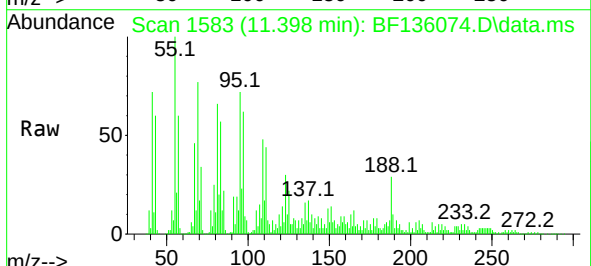
Tgt Ion:188 Resp: 118682

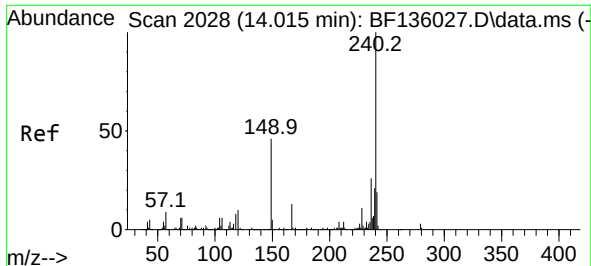
Ion Ratio Lower Upper

188 100

94 41.7 7.2 10.8#

80 38.3 7.4 11.0#

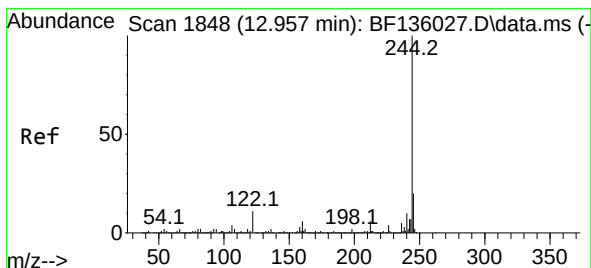
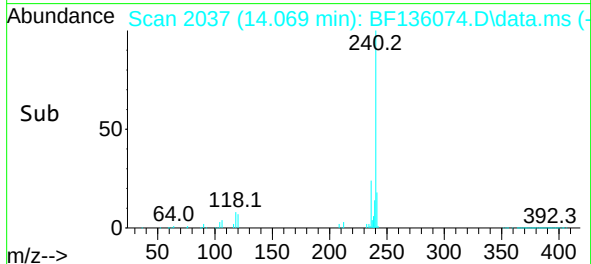
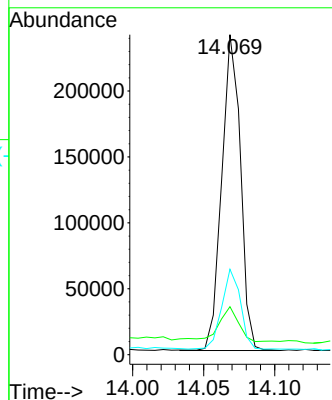
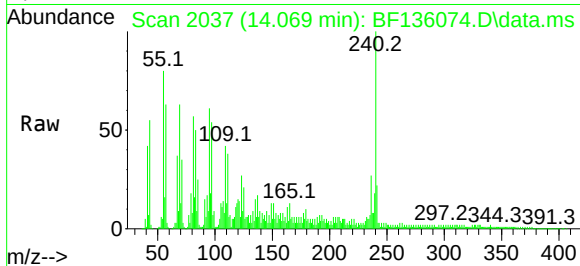




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2028
Delta R.T. 0.053 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

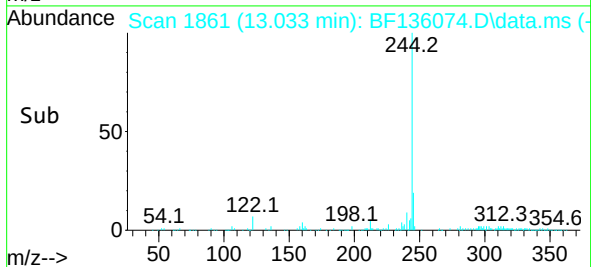
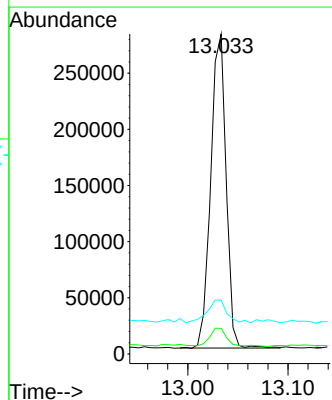
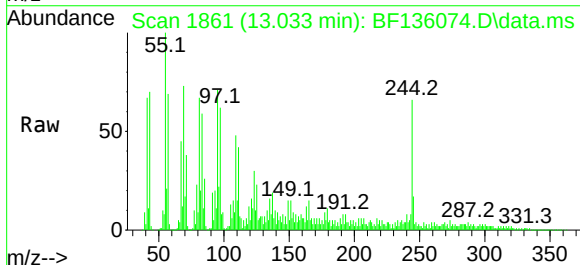
Instrument :
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CONC-WC-1

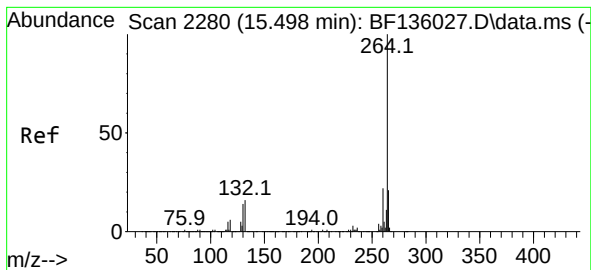
Tgt Ion:240 Resp: 218997
Ion Ratio Lower Upper
240 100
120 15.0 7.6 11.4#
236 26.7 20.6 31.0



#79
Terphenyl-d14
Concen: 21.207 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.077 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

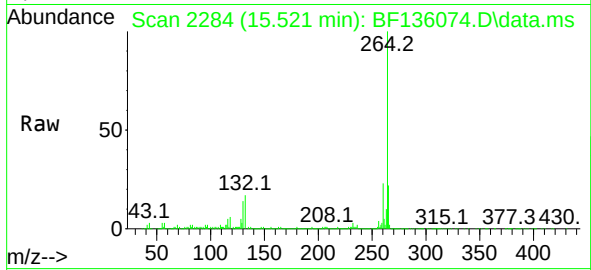
Tgt Ion:244 Resp: 298854
Ion Ratio Lower Upper
244 100
212 8.0 5.1 7.7#
122 16.8 8.6 12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF136074.D
Acq: 01 Nov 2023 13:56

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1



Tgt Ion: 264 Resp: 320096

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.9	26.9
265	22.1	16.8	25.2

