

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138986.D
Acq On : 13 Aug 2024 21:34
Operator : RC/JU
Sample : P3536-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Quant Time: Aug 14 00:38:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39196	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	163893	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	93321	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	160967	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75726	20.000	ng	0.00
86) Perylene-d12	15.463	264	66930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	186505	73.451	ng	0.00
7) Phenol-d6	6.481	99	159845	46.888	ng	0.00
23) Nitrobenzene-d5	7.404	82	283420	84.548	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	108772	142.293	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	526142	84.711	ng	-0.01
79) Terphenyl-d14	12.939	244	554513	122.600	ng	0.00

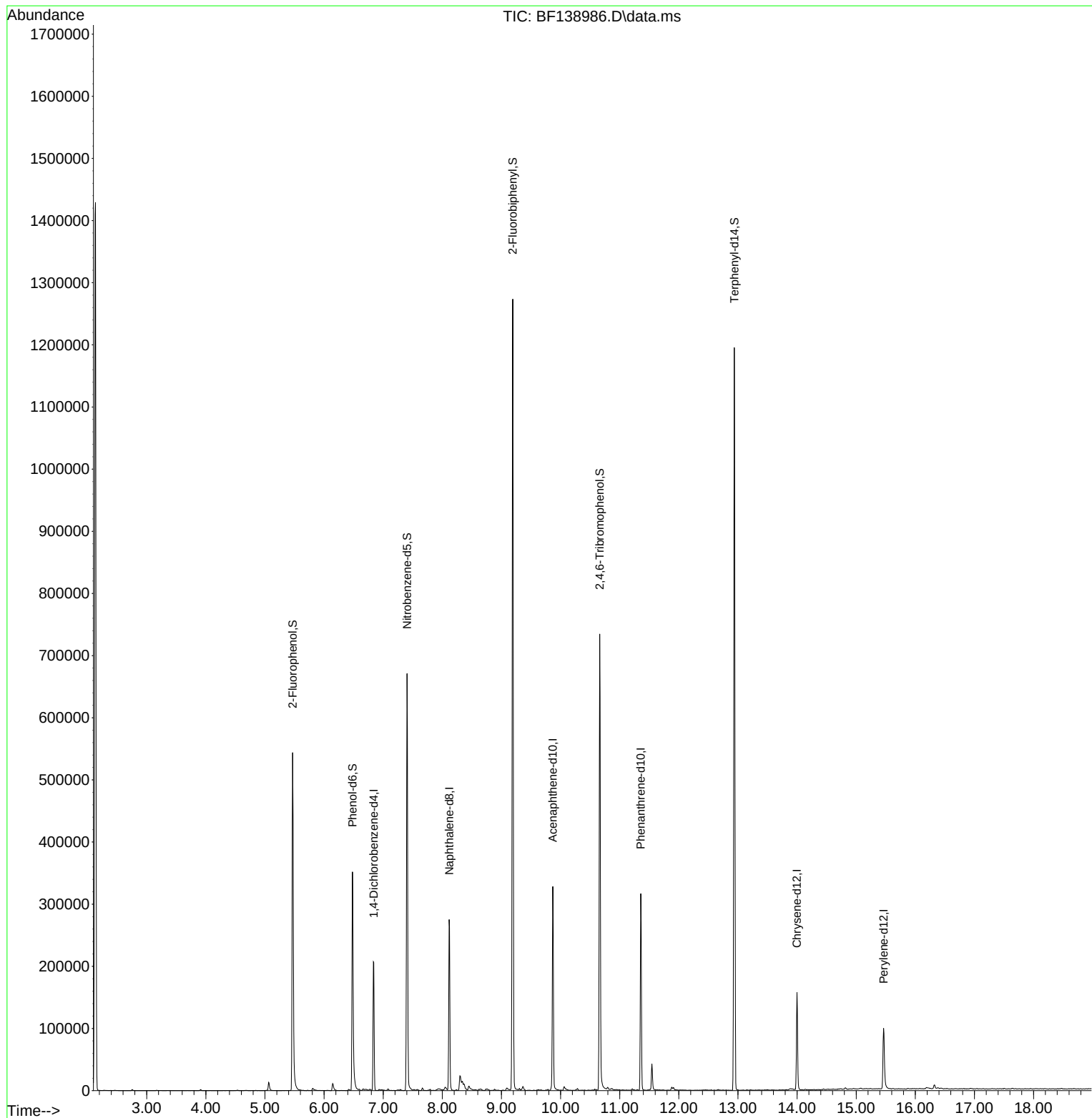
Target Compounds	Qvalue

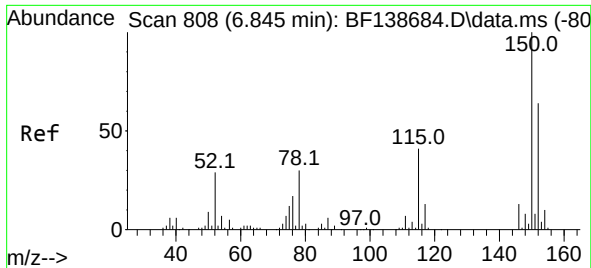
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138986.D
Acq On : 13 Aug 2024 21:34
Operator : RC/JU
Sample : P3536-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Quant Time: Aug 14 00:38:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

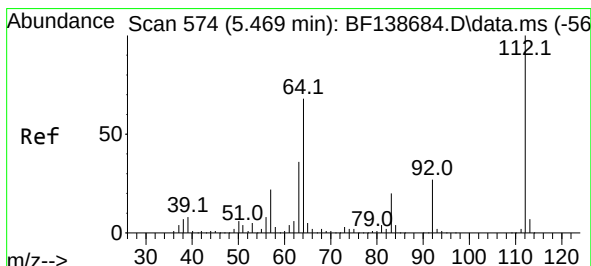
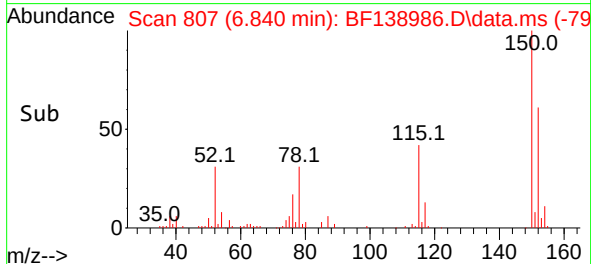
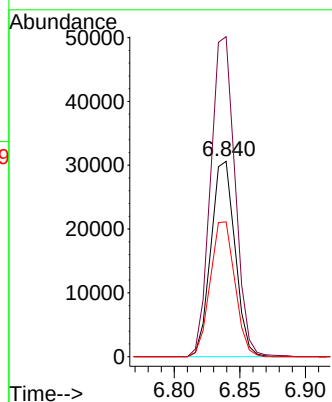
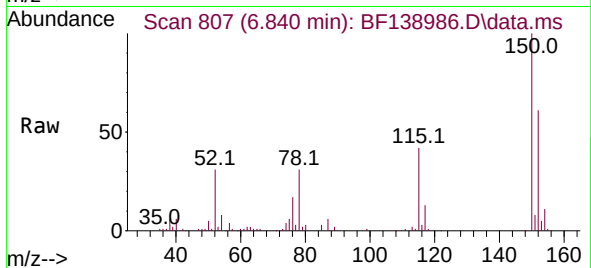




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

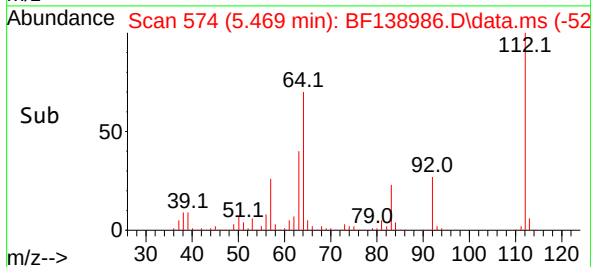
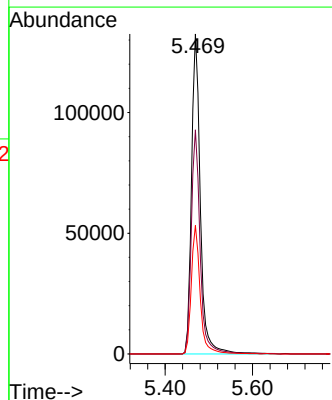
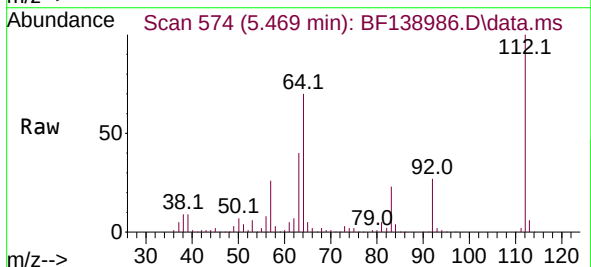
Instrument :
BNA_F
ClientSampleId :
MANHOLE

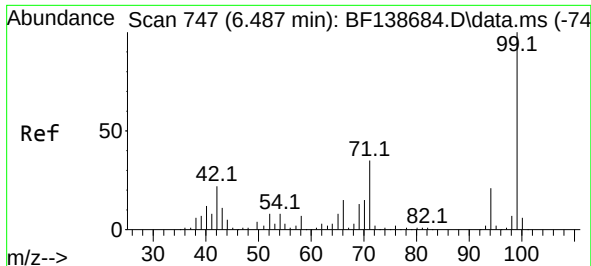
Tgt Ion:152 Resp: 39196
Ion Ratio Lower Upper
152 100
150 163.8 126.0 189.0
115 69.0 51.7 77.5



#5
2-Fluorophenol
Concen: 73.451 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Tgt Ion:112 Resp: 186505
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 40.1 28.7 43.1





#7

Phenol-d6

Concen: 46.888 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

Instrument :

BNA_F

ClientSampleId :

MANHOLE

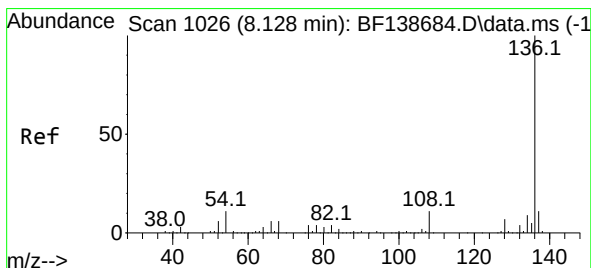
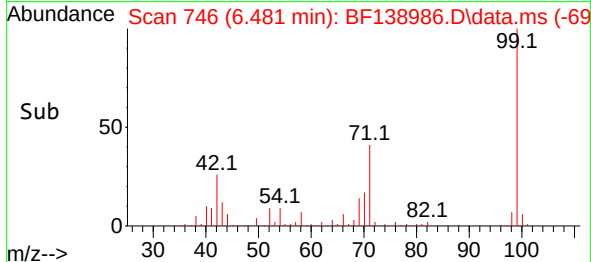
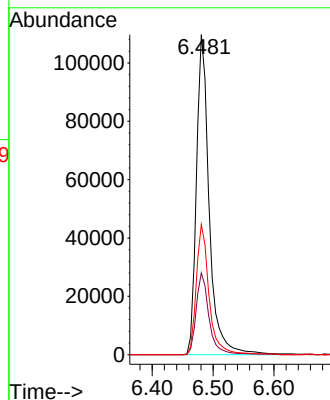
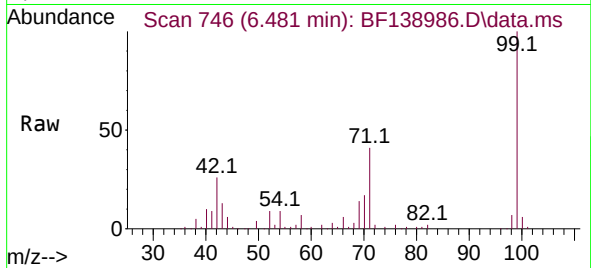
Tgt Ion: 99 Resp: 159845

Ion Ratio Lower Upper

99 100

42 25.6 17.4 26.0

71 40.7 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

Tgt Ion: 136 Resp: 163893

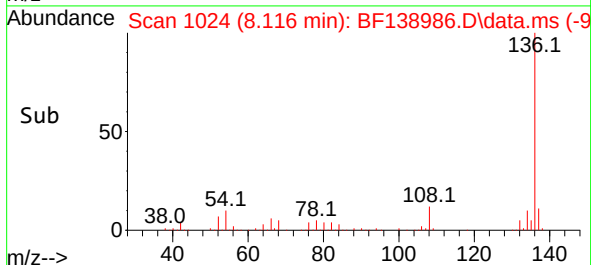
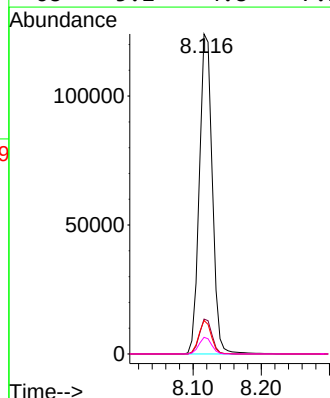
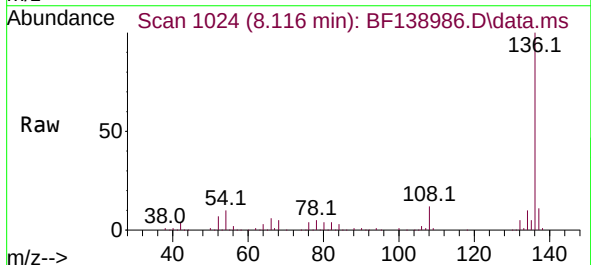
Ion Ratio Lower Upper

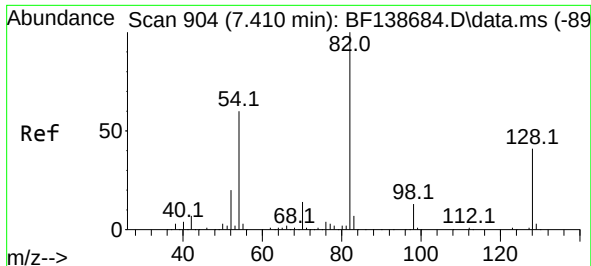
136 100

137 10.9 8.9 13.3

54 10.4 8.6 12.8

68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.548 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

Instrument :

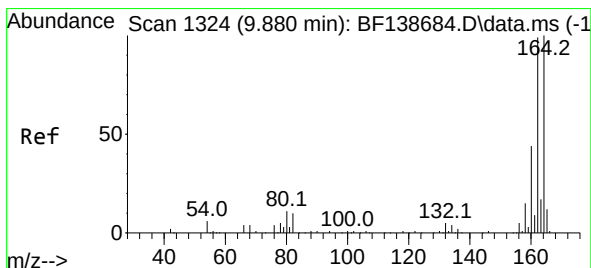
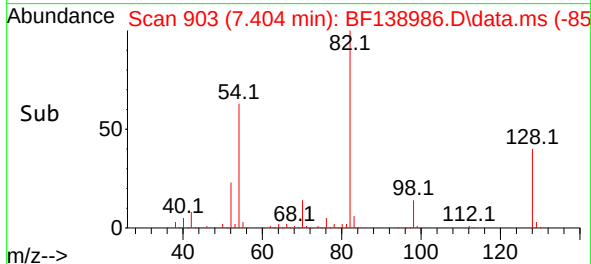
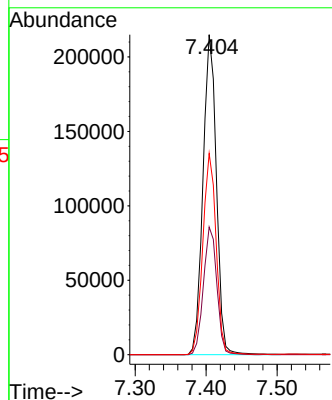
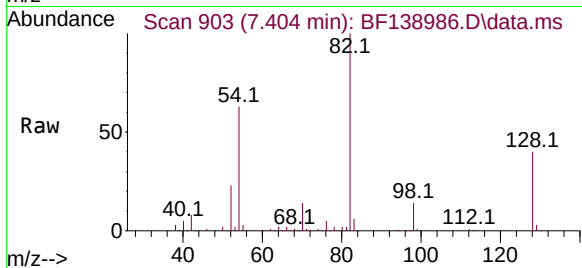
BNA_F

ClientSampleId :

MANHOLE

Tgt Ion: 82 Resp: 283420

Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.8	49.2
54	62.9	48.3	72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

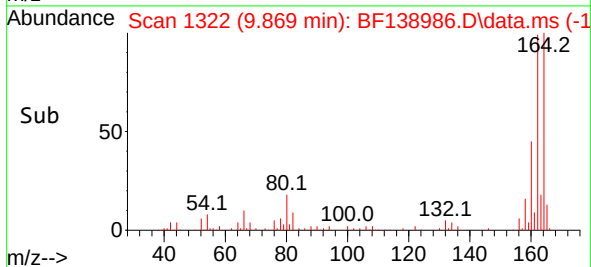
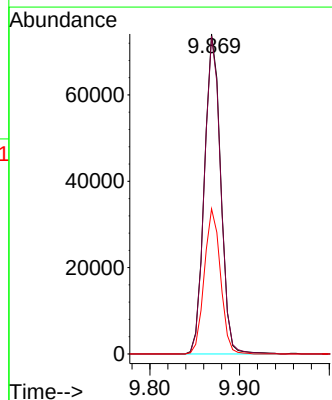
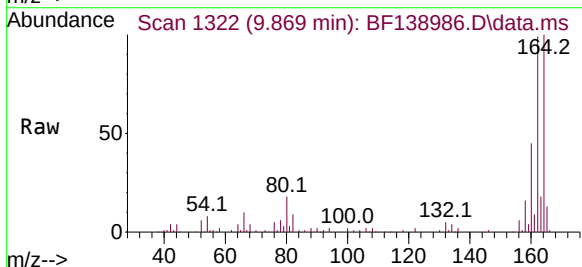
Delta R.T. -0.011 min

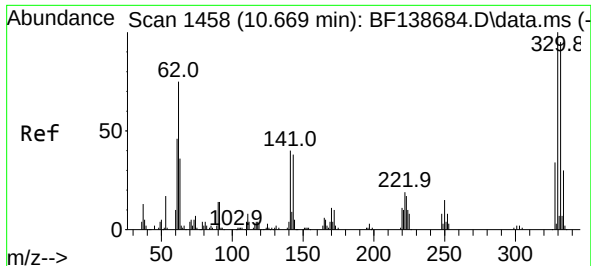
Lab File: BF138986.D

Acq: 13 Aug 2024 21:34

Tgt Ion:164 Resp: 93321

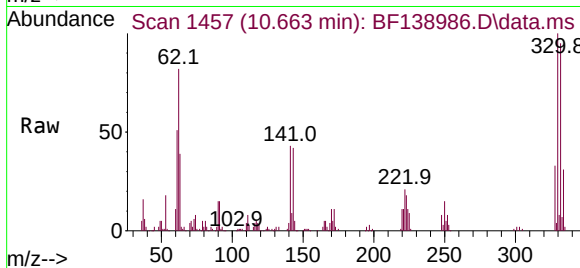
Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.0
160	45.4	35.1	52.7



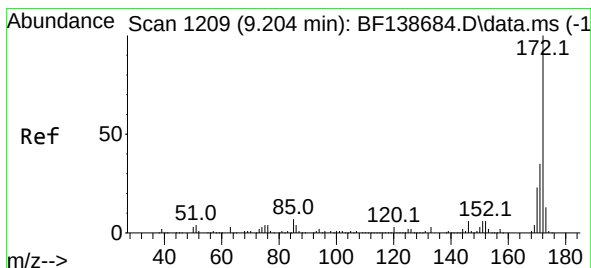
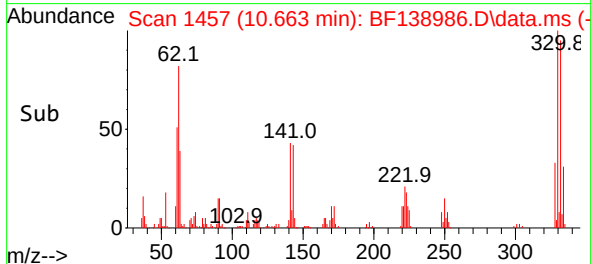
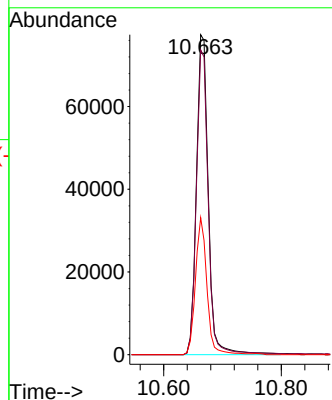


#42
2,4,6-Tribromophenol
Concen: 142.293 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Instrument :
BNA_F
ClientSampleId :
MANHOLE

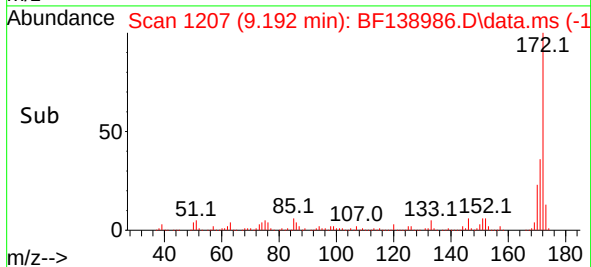
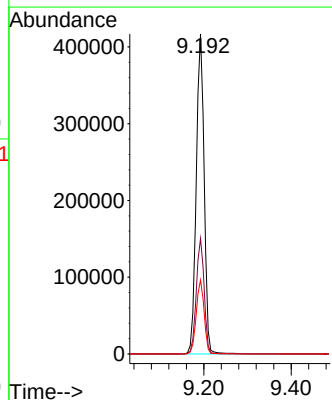
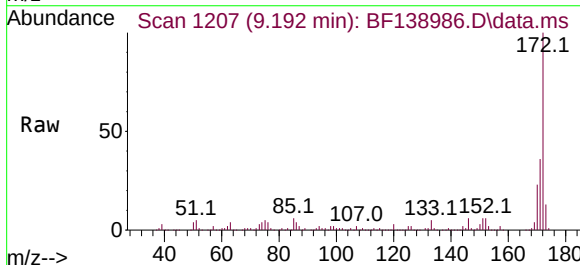


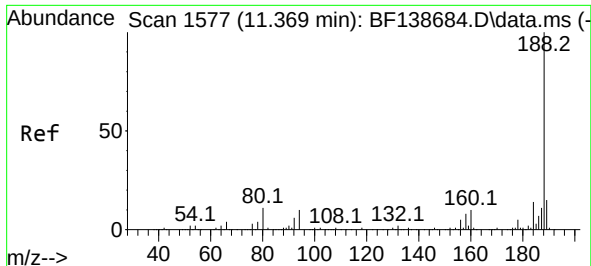
Tgt Ion:330 Resp: 108772
Ion Ratio Lower Upper
330 100
332 95.3 76.4 114.6
141 41.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 84.711 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Tgt Ion:172 Resp: 526142
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.1 18.8 28.2

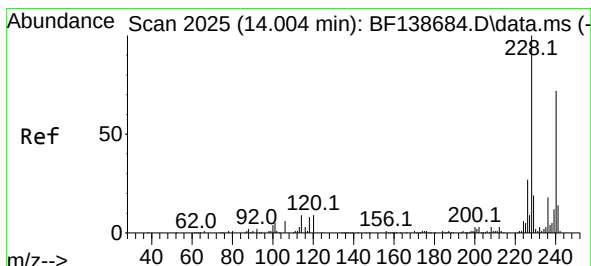
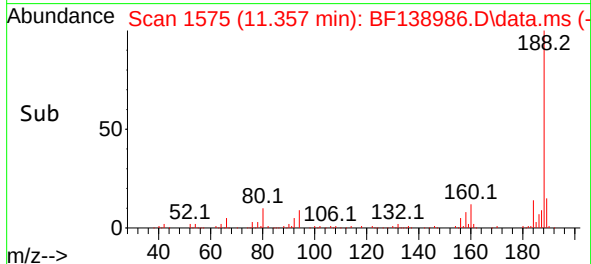
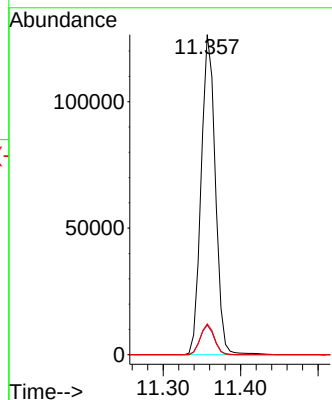
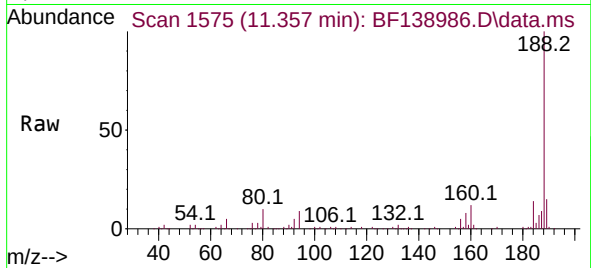




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

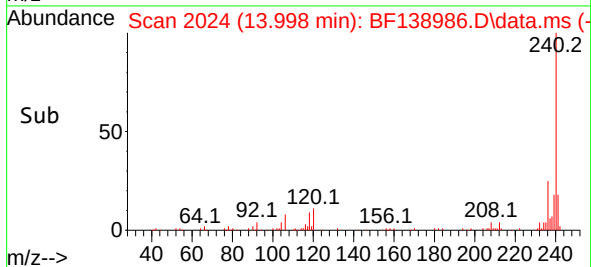
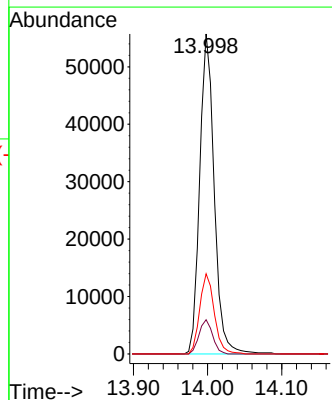
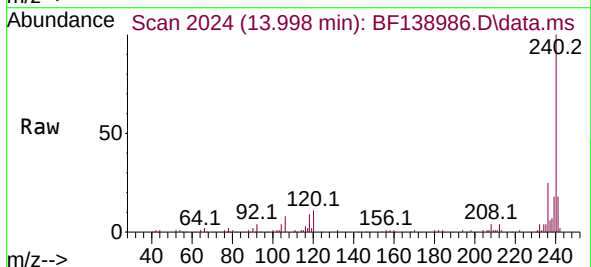
Instrument :
BNA_F
ClientSampleId :
MANHOLE

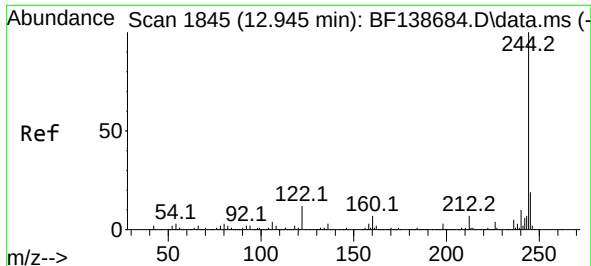
Tgt Ion:188 Resp: 160967
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138986.D
Acq: 13 Aug 2024 21:34

Tgt Ion:240 Resp: 75726
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 25.0 19.8 29.8

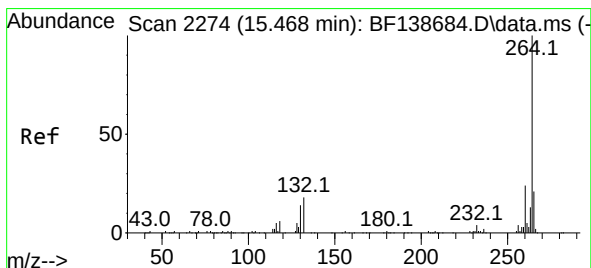
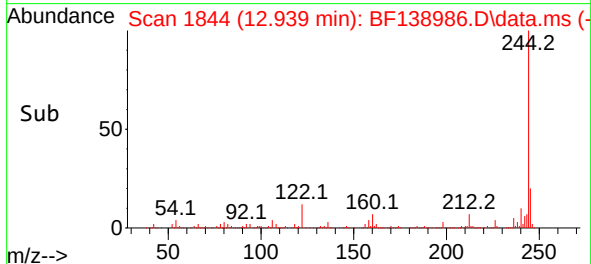
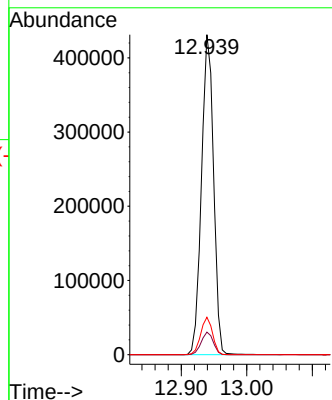
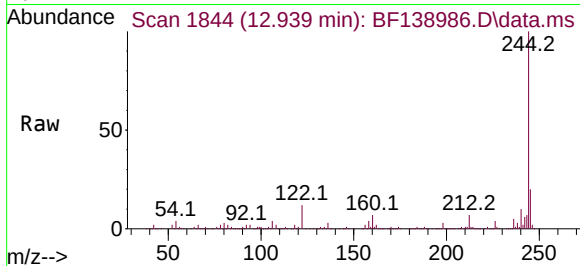




#79
 Terphenyl-d14
 Concen: 122.600 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138986.D
 Acq: 13 Aug 2024 21:34

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Tgt Ion:244 Resp: 554513
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138986.D
 Acq: 13 Aug 2024 21:34

Tgt Ion:264 Resp: 66930
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.6 17.0 25.6

