

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139002.D
 Acq On : 14 Aug 2024 19:16
 Operator : RC/JU
 Sample : P3476-07RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUL07RE

Quant Time: Aug 15 01:12:15 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	6.834	152	27189	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	93187	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	42123	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	79937	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	52987	20.000	ng	0.00
86) Perylene-d12	15.463	264	41690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	163186	92.649	ng	0.00
7) Phenol-d6	6.481	99	127520	53.925	ng	0.00
23) Nitrobenzene-d5	7.404	82	191391	100.415	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	56060	162.472	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	283905	101.267	ng	-0.02
79) Terphenyl-d14	12.939	244	348877	110.237	ng	0.00

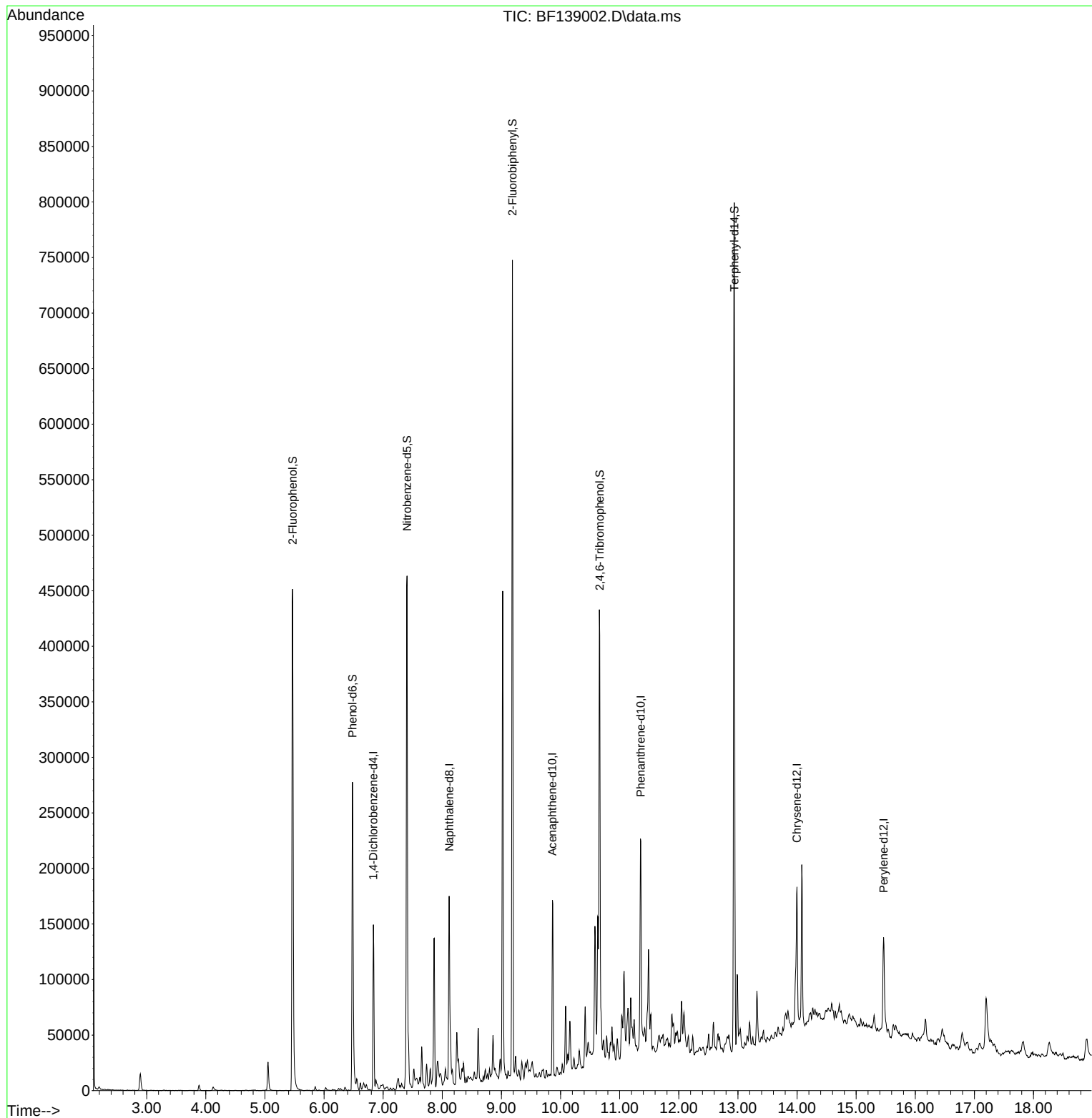
Target Compounds	Qvalue

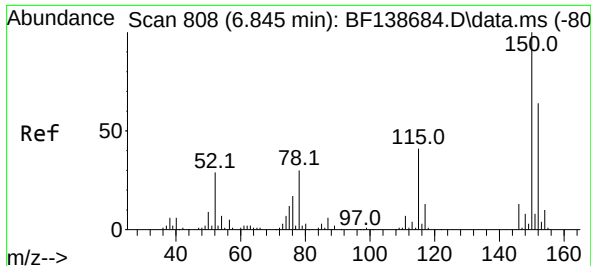
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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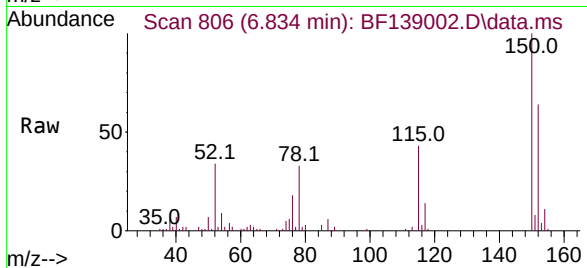
Quant Time: Aug 15 01:12:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



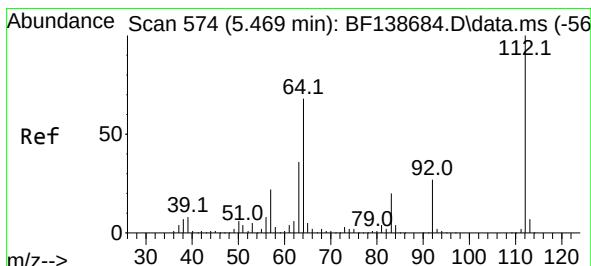
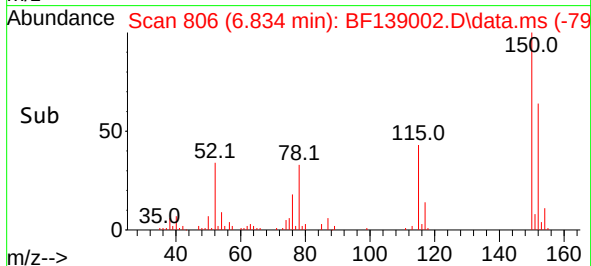
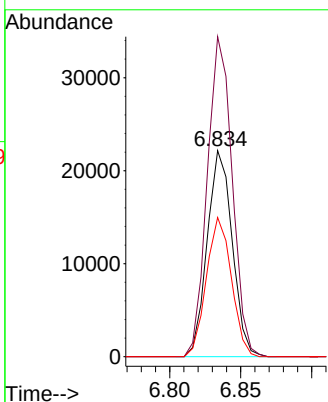


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Instrument :
BNA_F
ClientSampleId :
MUL07RE

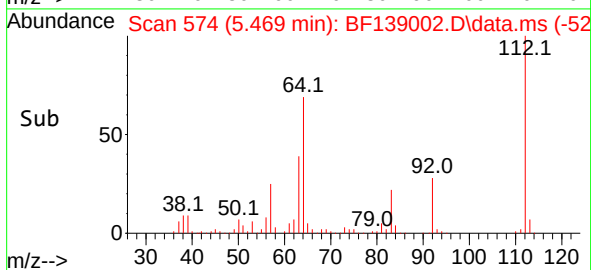
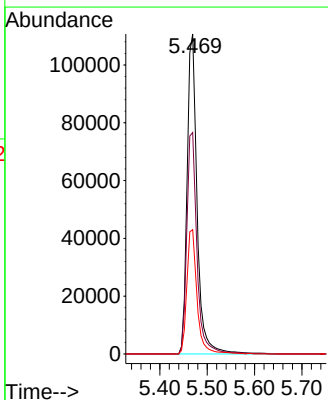
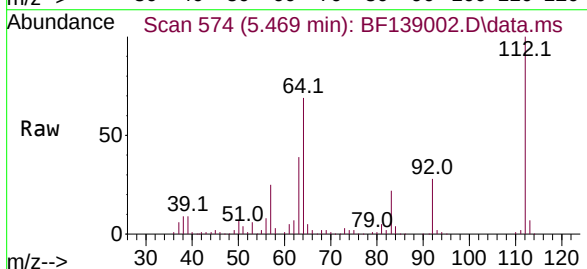


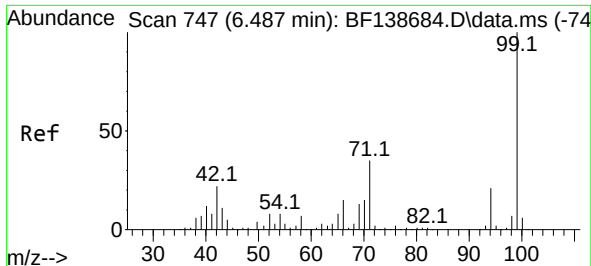
Tgt Ion:152 Resp: 27189
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 67.6 51.7 77.5



#5
2-Fluorophenol
Concen: 92.649 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Tgt Ion:112 Resp: 163186
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.8 28.7 43.1

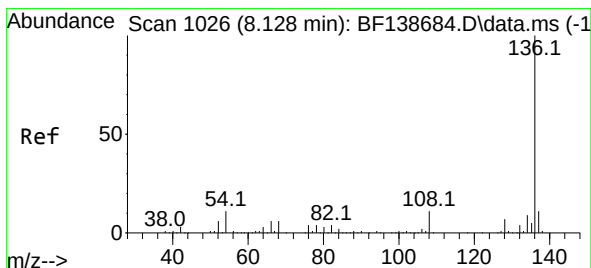
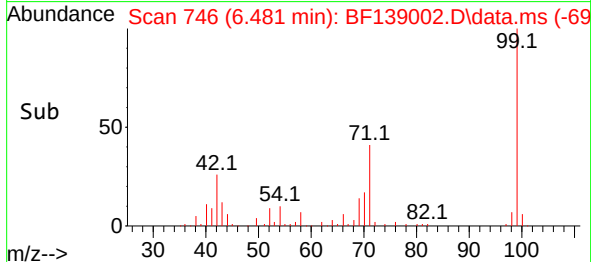
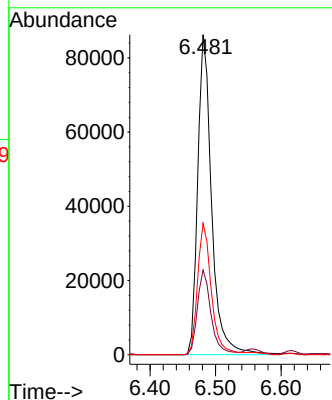
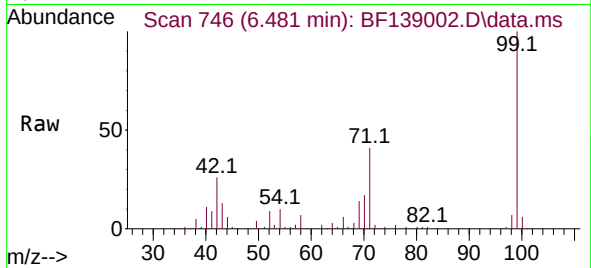




#7
Phenol-d6
Concen: 53.925 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

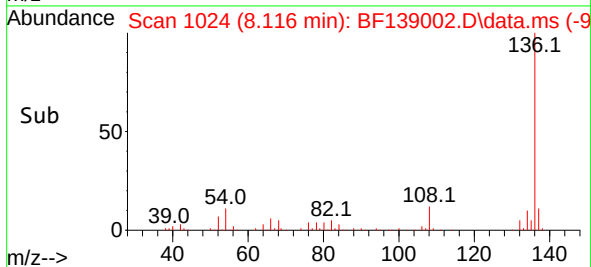
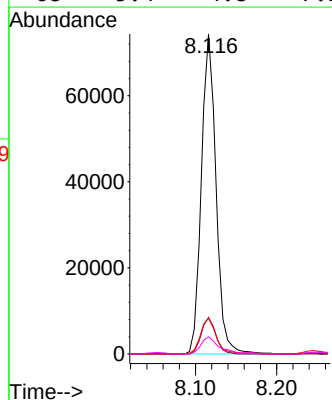
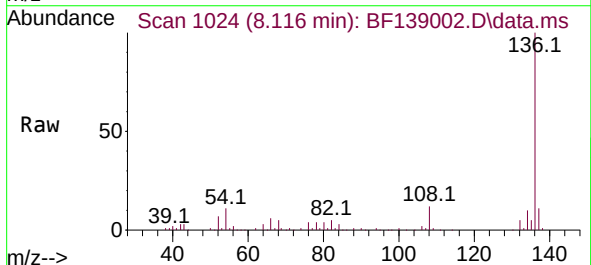
Instrument :
BNA_F
ClientSampleId :
MUL07RE

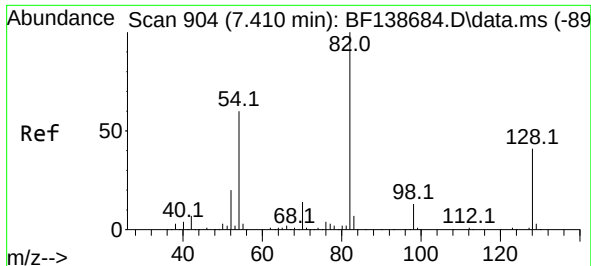
Tgt Ion: 99 Resp: 127520
Ion Ratio Lower Upper
99 100
42 26.4 17.4 26.0#
71 41.0 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Tgt Ion: 136 Resp: 93187
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 11.1 8.6 12.8
68 5.4 4.8 7.2

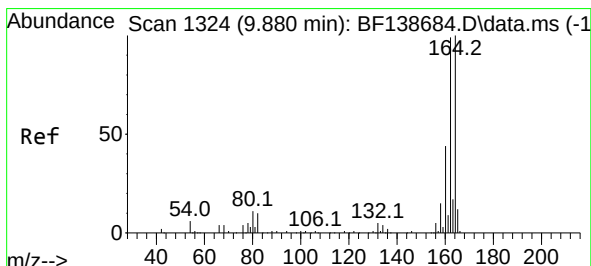
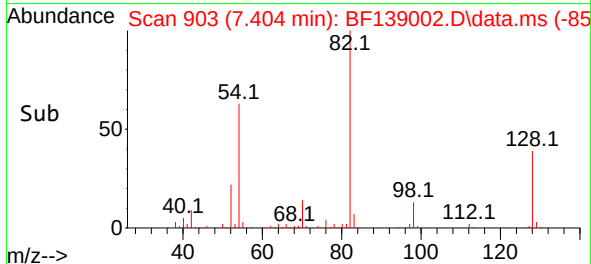
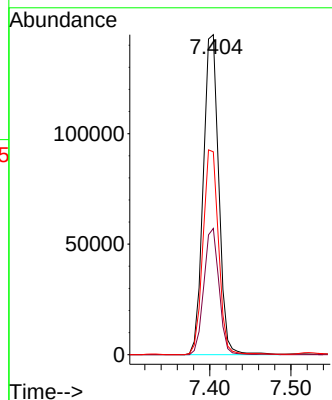
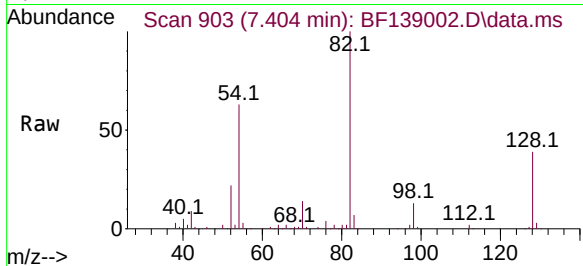




#23
Nitrobenzene-d5
Concen: 100.415 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

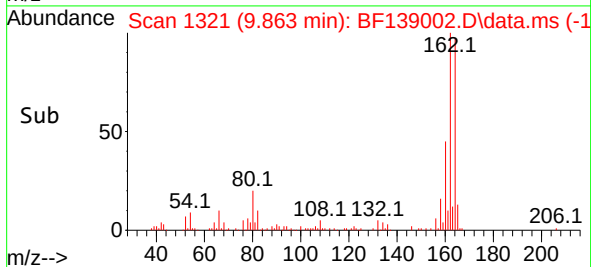
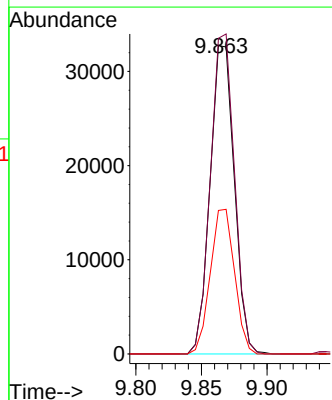
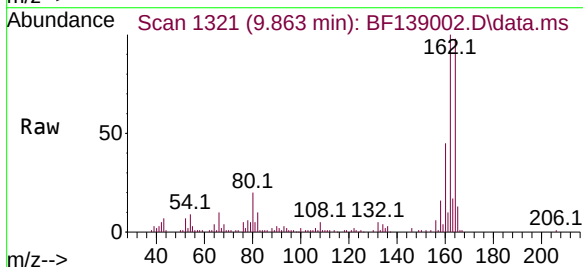
Instrument :
BNA_F
ClientSampleId :
MUL07RE

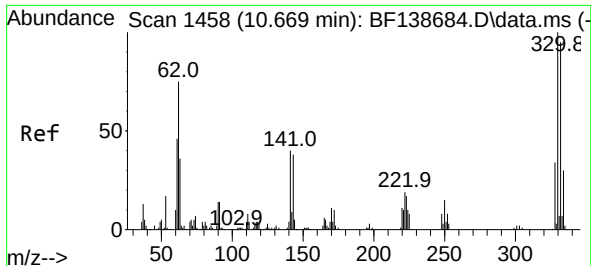
Tgt Ion: 82 Resp: 191391
Ion Ratio Lower Upper
82 100
128 39.5 32.8 49.2
54 63.4 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Tgt Ion:164 Resp: 42123
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 46.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 162.472 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139002.D

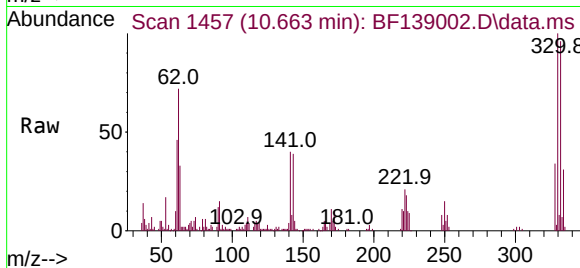
Acq: 14 Aug 2024 19:16

Instrument :

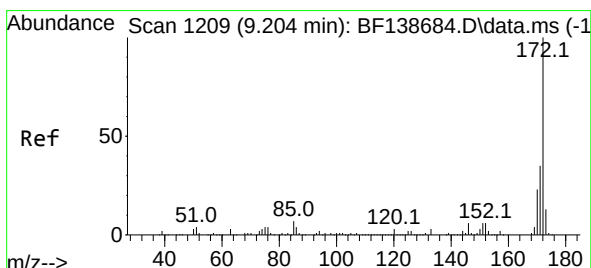
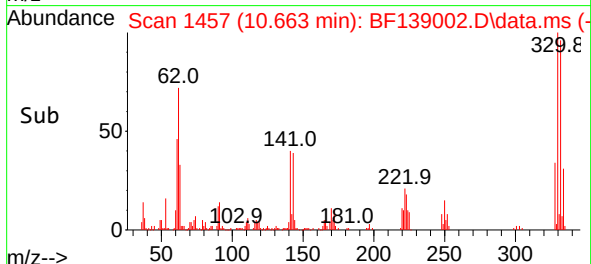
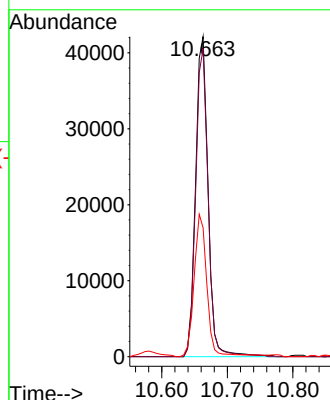
BNA_F

ClientSampleId :

MUL07RE



Tgt Ion:	330	Resp:	56060
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.4	114.6
141	45.7	31.1	46.7



#45

2-Fluorobiphenyl

Concen: 101.267 ng

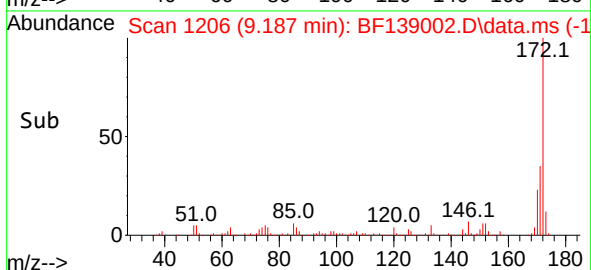
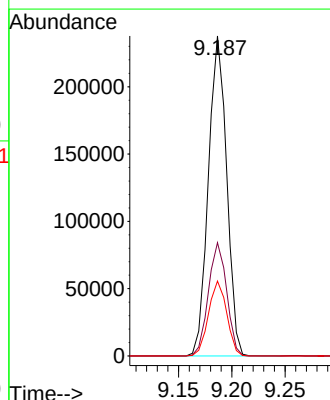
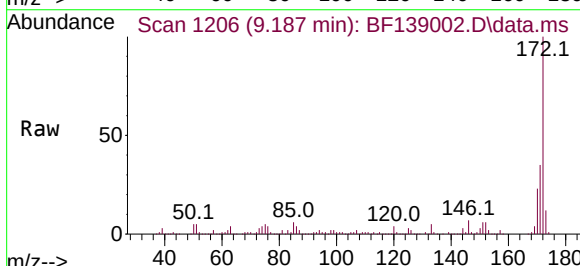
RT: 9.187 min Scan# 1206

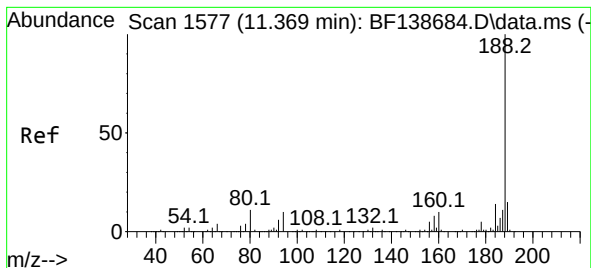
Delta R.T. -0.018 min

Lab File: BF139002.D

Acq: 14 Aug 2024 19:16

Tgt Ion:	172	Resp:	283905
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.3	42.5
170	23.4	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: BF139002.D

Acq: 14 Aug 2024 19:16

Instrument :

BNA_F

ClientSampleId :

MUL07RE

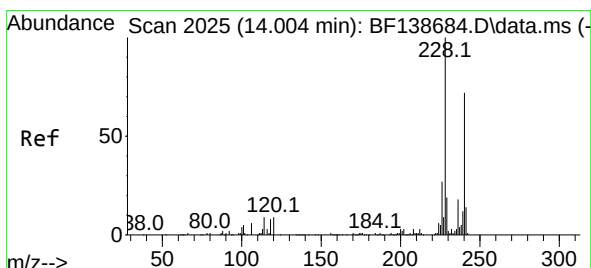
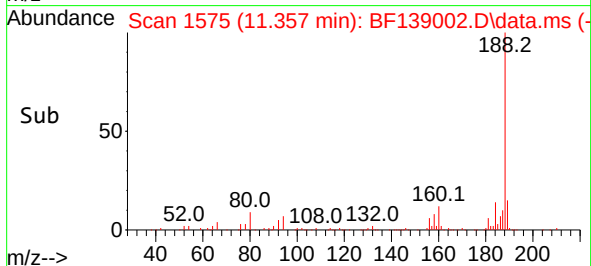
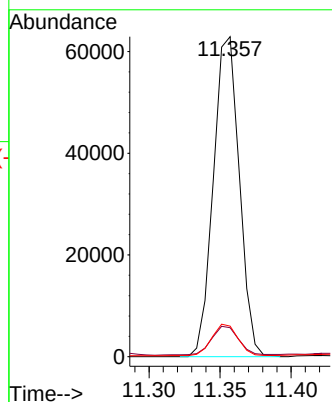
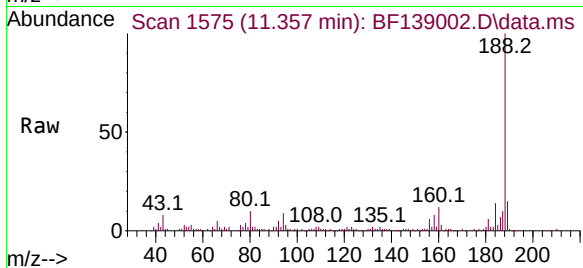
Tgt Ion:188 Resp: 79937

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.5 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: BF139002.D

Acq: 14 Aug 2024 19:16

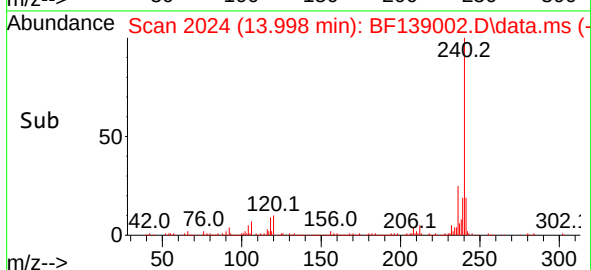
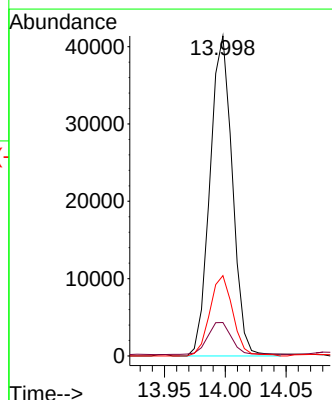
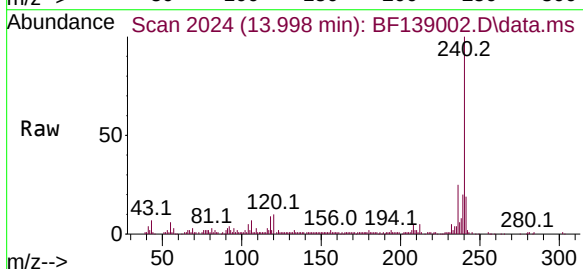
Tgt Ion:240 Resp: 52987

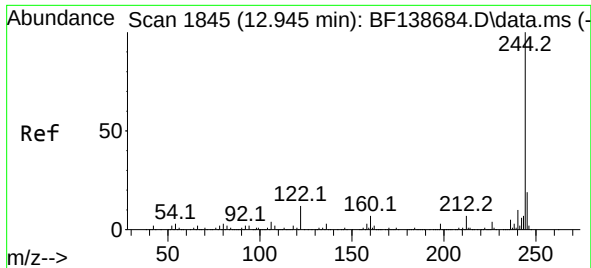
Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

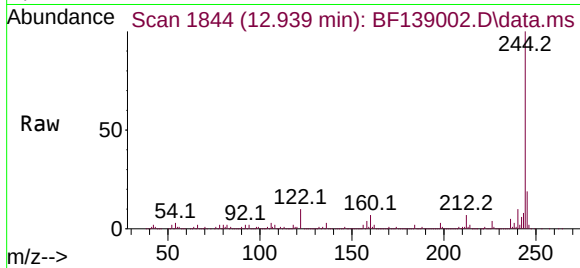
236 25.1 19.8 29.8



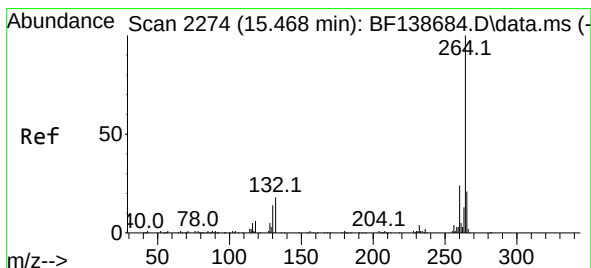
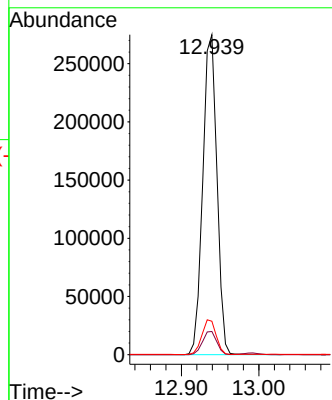
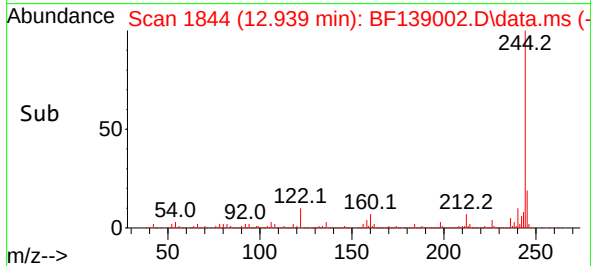


#79
Terphenyl-d14
Concen: 110.237 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Instrument :
BNA_F
ClientSampleId :
MUL07RE



Tgt Ion:244 Resp: 348877
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.4 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: BF139002.D
Acq: 14 Aug 2024 19:16

Tgt Ion:264 Resp: 41690
Ion Ratio Lower Upper
264 100
260 22.0 19.0 28.6
265 22.8 17.0 25.6

