

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139090.D
Acq On : 21 Aug 2024 09:20
Operator : RC/JU
Sample : PB162850BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162850BL

Quant Time: Aug 21 11:00:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	121355	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	461611	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	271022	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	481091	20.000	ng	0.00
76) Chrysene-d12	14.057	240	372322	20.000	ng	0.00
86) Perylene-d12	15.533	264	318638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	898606	113.924	ng	0.01
7) Phenol-d6	6.522	99	1177299	115.512	ng	0.00
23) Nitrobenzene-d5	7.457	82	758020	95.686	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	315383	128.543	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1353914	79.260	ng	0.00
79) Terphenyl-d14	13.010	244	1678391	74.799	ng	0.00

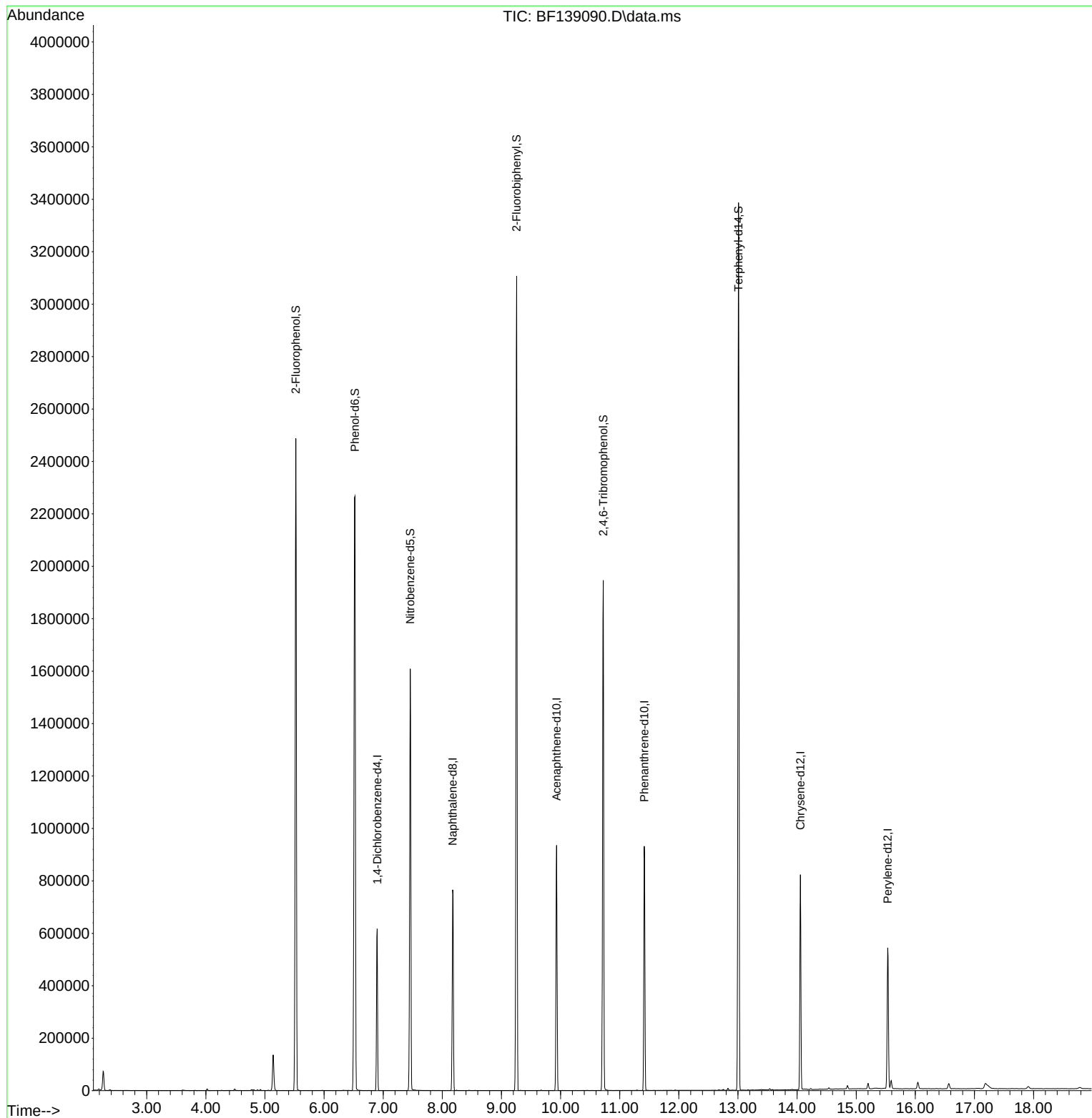
Target Compounds	Qvalue

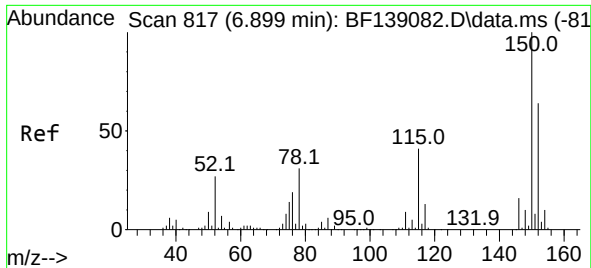
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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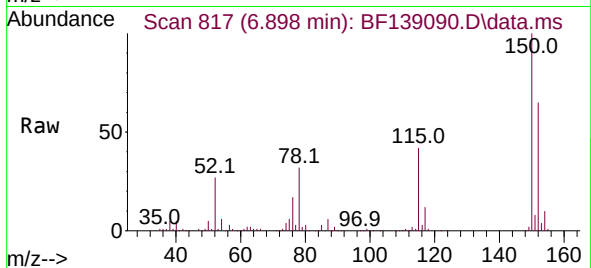
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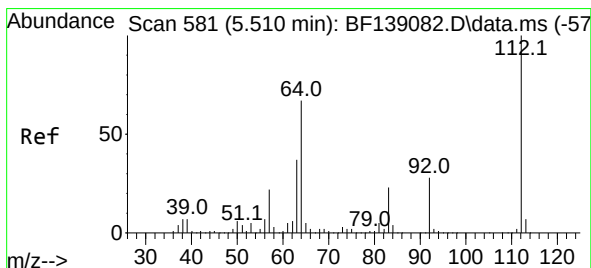
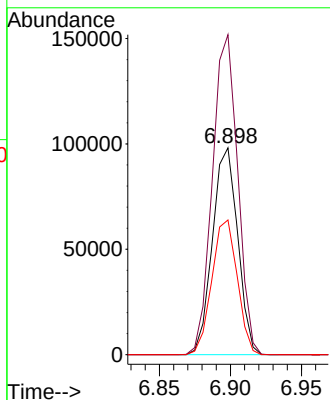
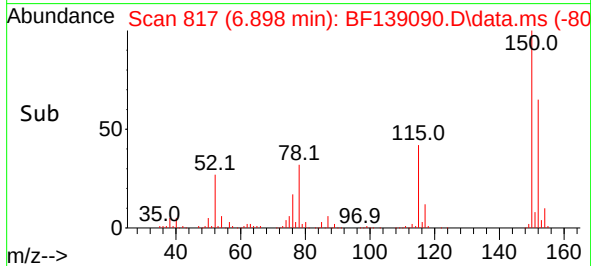


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

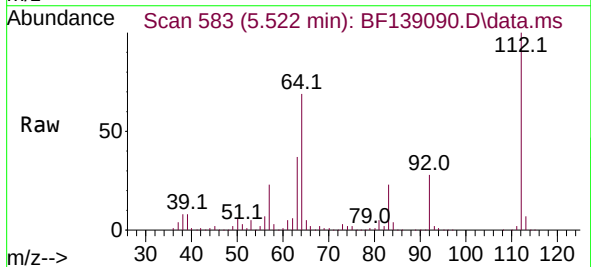
Instrument :
BNA_F
ClientSampleId :
PB162850BL



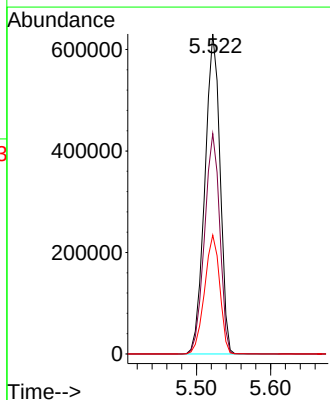
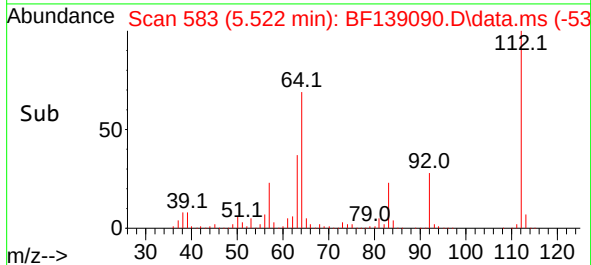
Tgt Ion:152 Resp: 121355
Ion Ratio Lower Upper
152 100
150 154.6 125.1 187.7
115 65.1 51.8 77.6

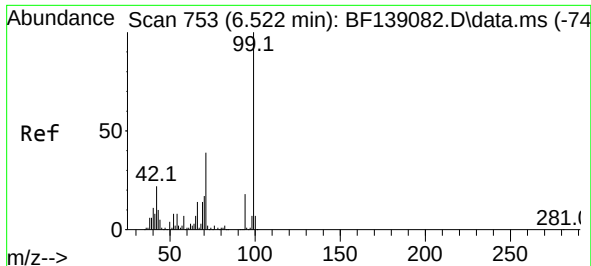


#5
2-Fluorophenol
Concen: 113.924 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20



Tgt Ion:112 Resp: 898606
Ion Ratio Lower Upper
112 100
64 68.9 53.8 80.6
63 37.2 29.4 44.2



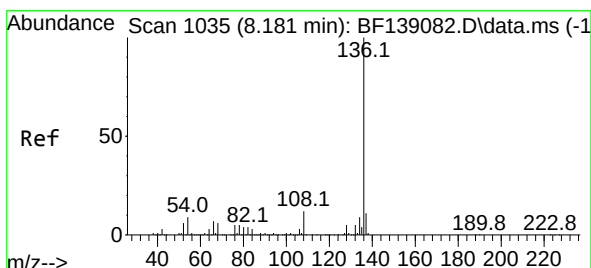
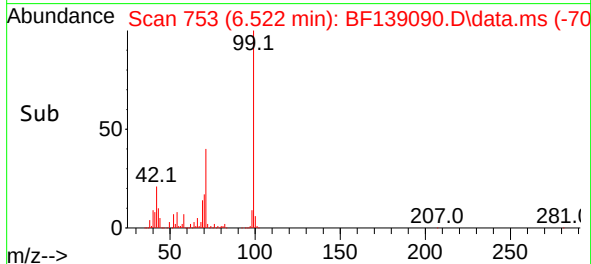
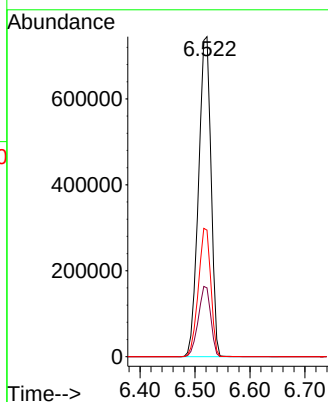
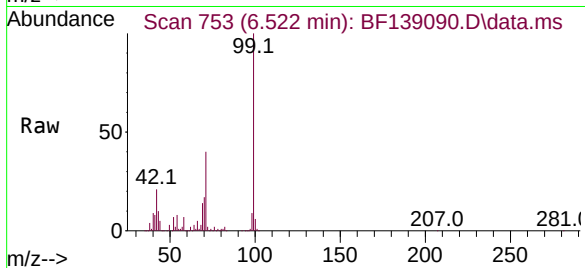


#7
Phenol-d6
Concen: 115.512 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Instrument :
BNA_F
ClientSampleId :
PB162850BL

Tgt Ion: 99 Resp: 1177299

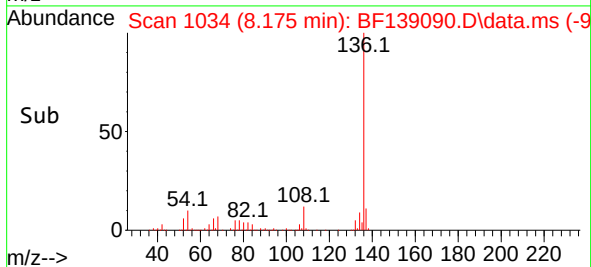
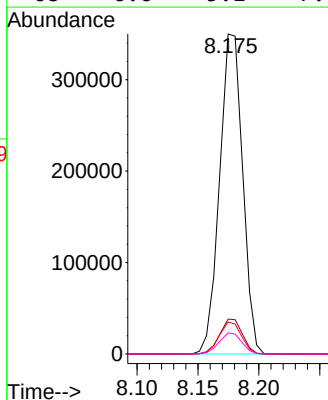
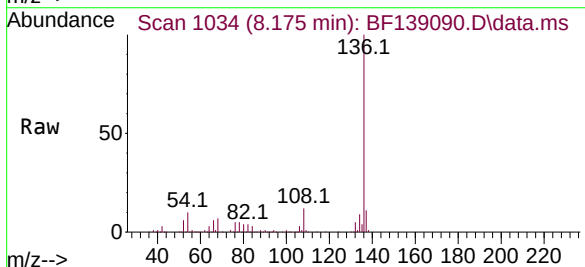
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.4	26.2
71	39.5	31.2	46.8

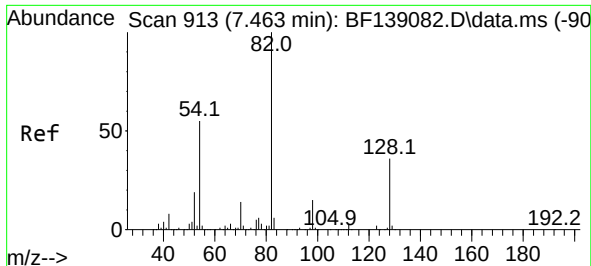


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion: 136 Resp: 461611

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.0	7.6	11.4
68	6.6	5.1	7.7





#23

Nitrobenzene-d5

Concen: 95.686 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF139090.D

Acq: 21 Aug 2024 09:20

Instrument :

BNA_F

ClientSampleId :

PB162850BL

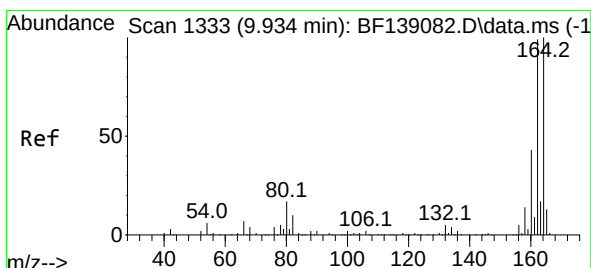
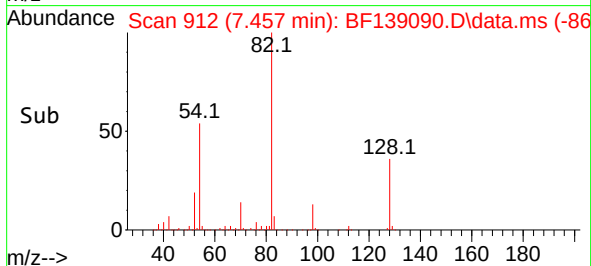
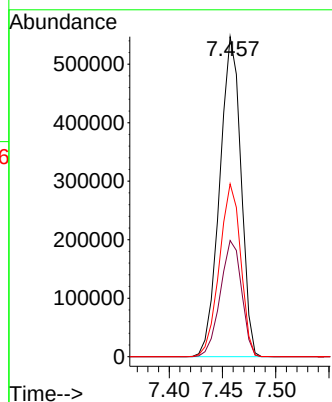
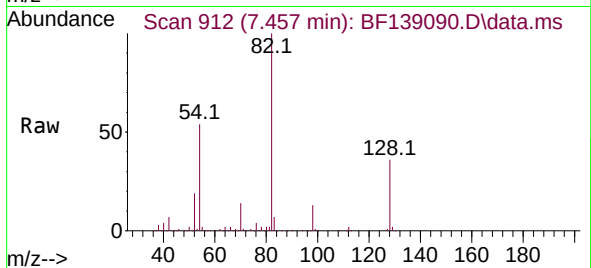
Tgt Ion: 82 Resp: 758020

Ion Ratio Lower Upper

82 100

128 36.3 29.0 43.4

54 54.0 43.4 65.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.001 min

Lab File: BF139090.D

Acq: 21 Aug 2024 09:20

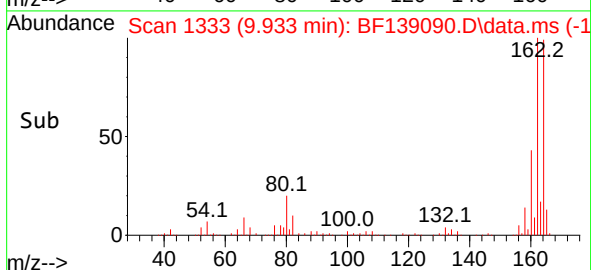
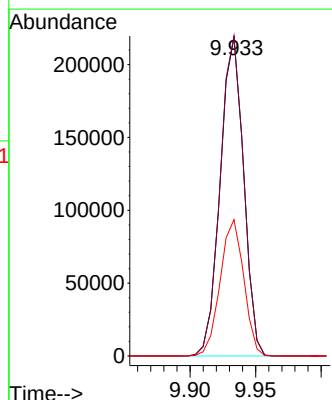
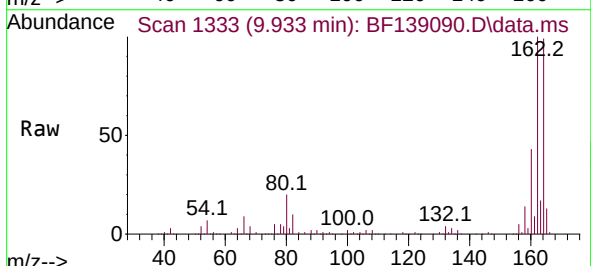
Tgt Ion: 164 Resp: 271022

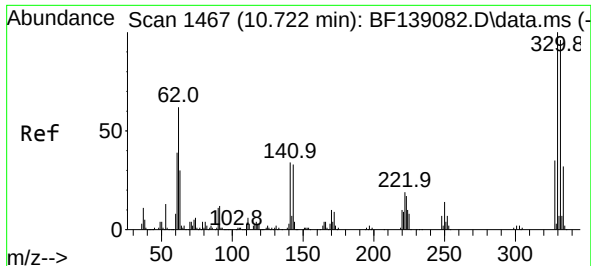
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

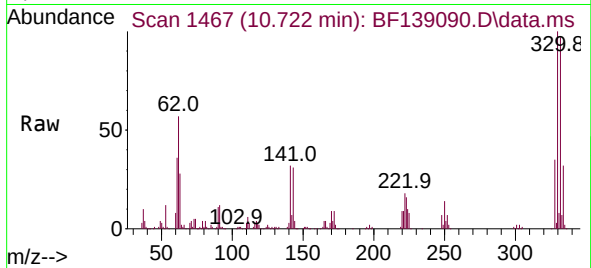
160 42.8 34.5 51.7





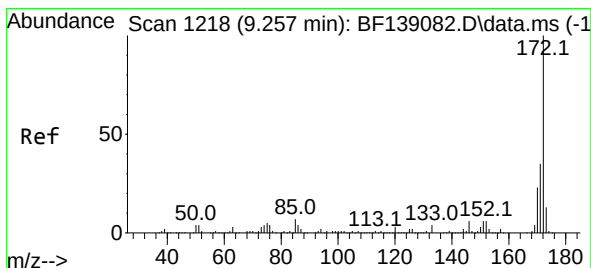
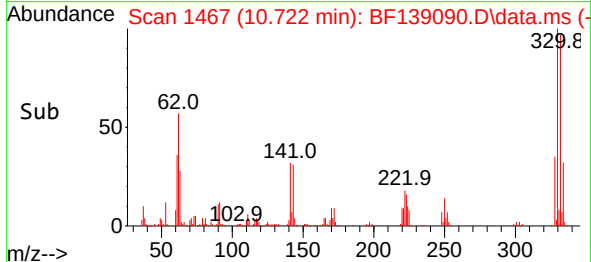
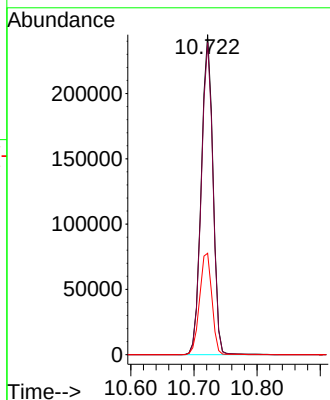
#42
2,4,6-Tribromophenol
Concen: 128.543 ng
RT: 10.722 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Instrument :
BNA_F
ClientSampleId :
PB162850BL



Tgt Ion: 330 Resp: 315383

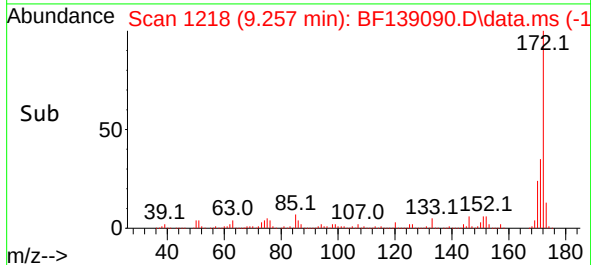
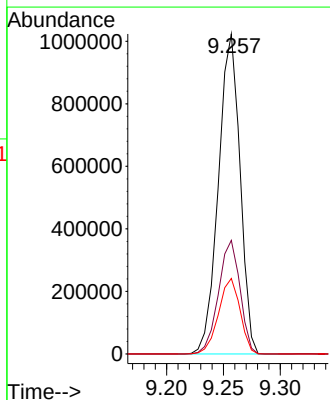
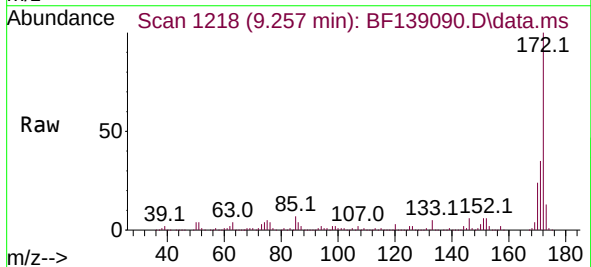
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.2	27.5	41.3

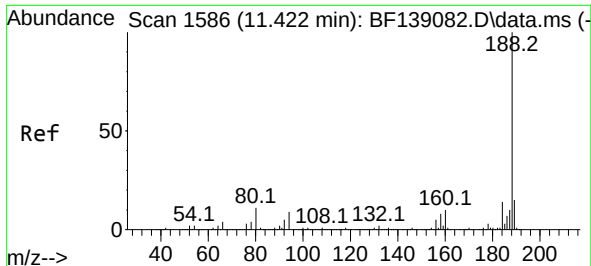


#45
2-Fluorobiphenyl
Concen: 79.260 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

Tgt Ion: 172 Resp: 1353914

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.6	18.8	28.2

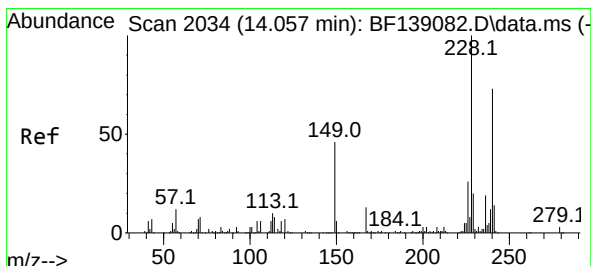
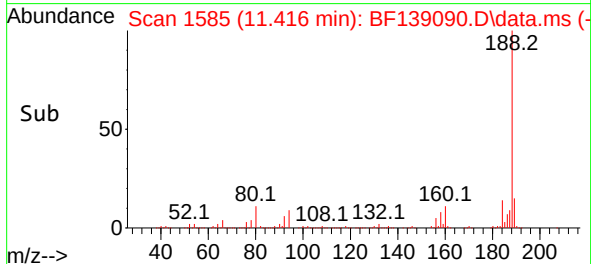
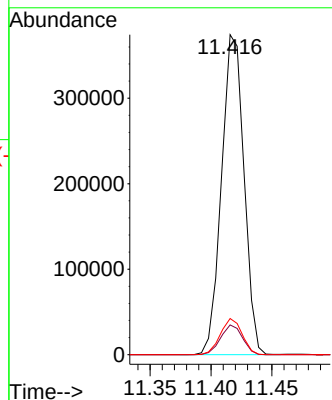
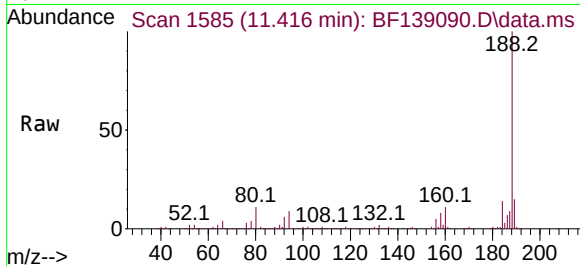




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

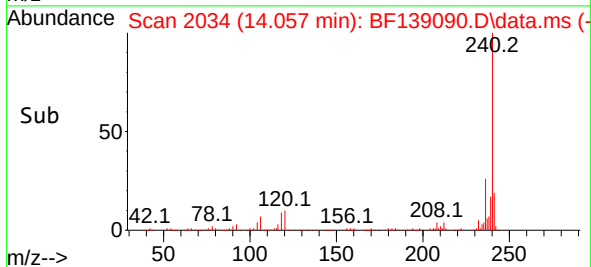
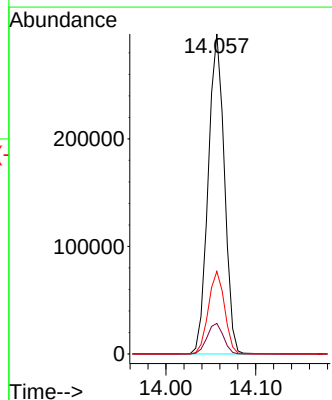
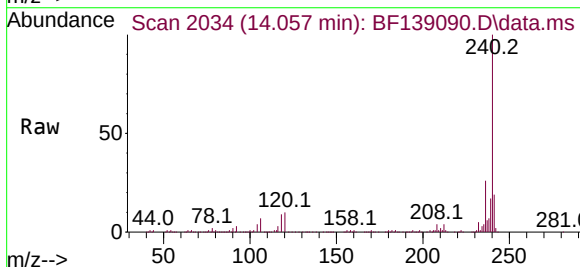
Instrument :
BNA_F
ClientSampleId :
PB162850BL

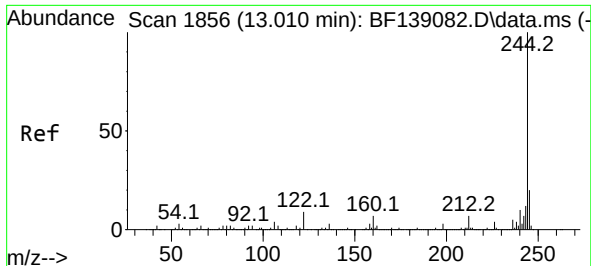
Tgt Ion:188 Resp: 481091
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 11.3 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139090.D
Acq: 21 Aug 2024 09:20

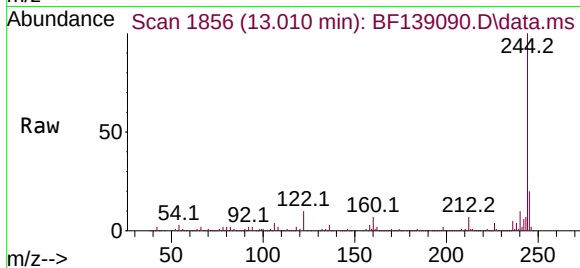
Tgt Ion:240 Resp: 372322
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.8 20.9 31.3



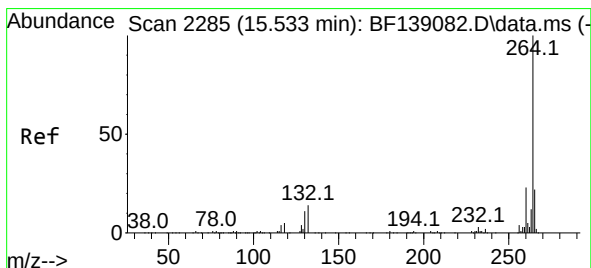
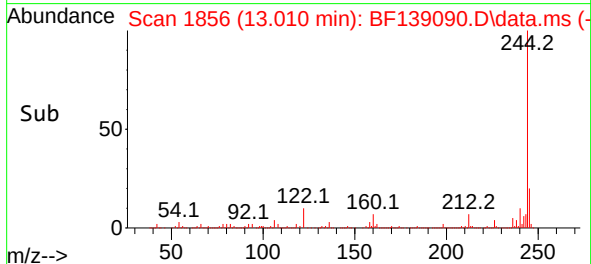
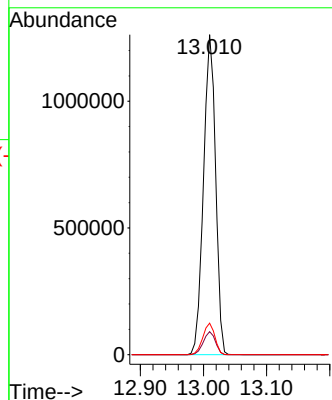


#79
 Terphenyl-d14
 Concen: 74.799 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139090.D
 Acq: 21 Aug 2024 09:20

Instrument :
 BNA_F
 ClientSampleId :
 PB162850BL



Tgt Ion:244 Resp: 1678391
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.8 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF139090.D
 Acq: 21 Aug 2024 09:20

Tgt Ion:264 Resp: 318638
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.1 17.4 26.2

