

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140047.D
 Acq On : 25 Oct 2024 19:46
 Operator : RC/JU
 Sample : P4517-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NASSAU-ST-CO

Quant Time: Oct 25 22:43:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	100159	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	377043	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	189805	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286510	20.000	ng	0.00
76) Chrysene-d12	14.051	240	193966	20.000	ng	0.00
86) Perylene-d12	15.527	264	150645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	600578	93.871	ng	0.00
7) Phenol-d6	6.504	99	758994	91.596	ng	0.00
23) Nitrobenzene-d5	7.445	82	515665	75.800	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	163717	92.215	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	932389	81.186	ng	0.00
79) Terphenyl-d14	12.998	244	804806	67.611	ng	0.00

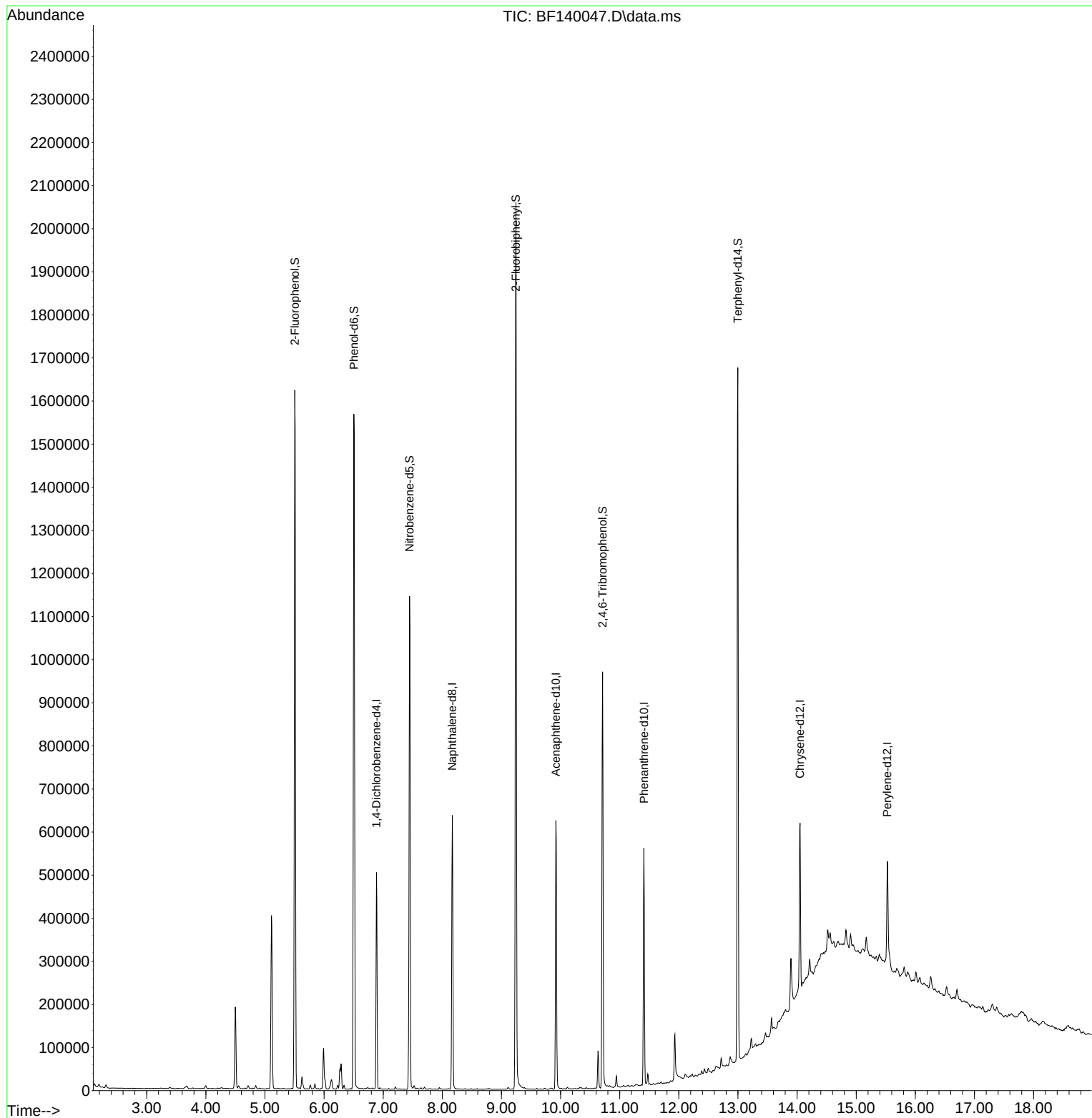
Target Compounds	Qvalue

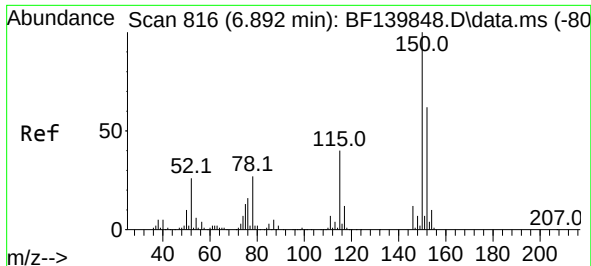
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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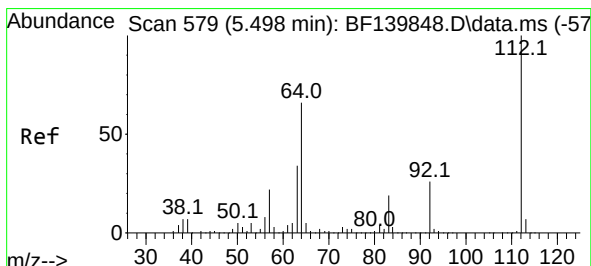
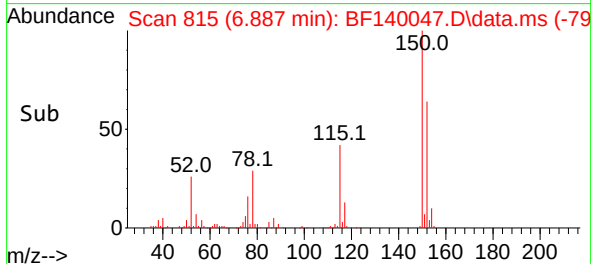
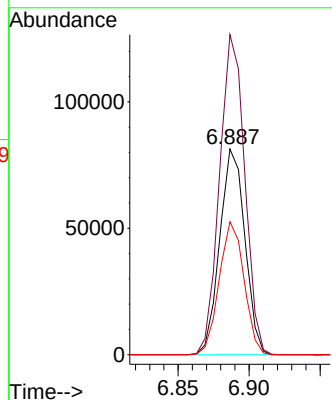
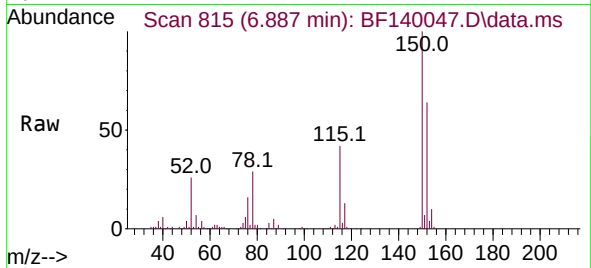




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

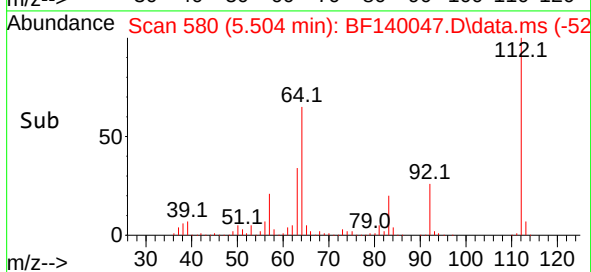
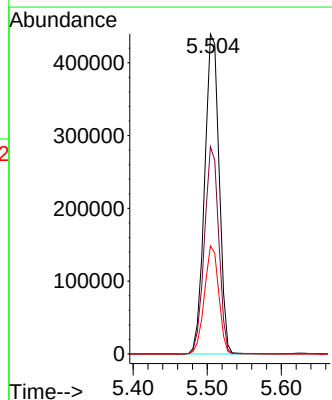
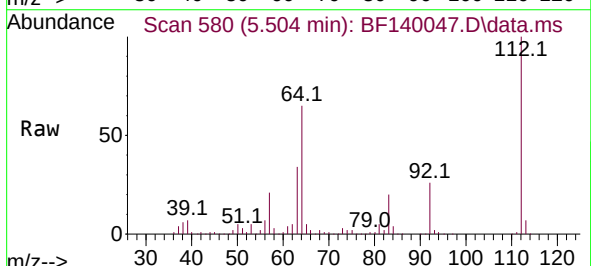
Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

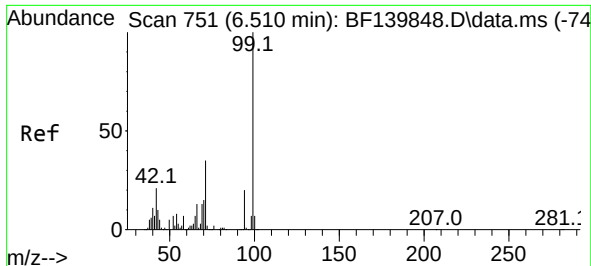
Tgt Ion:152 Resp: 100159
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 93.871 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

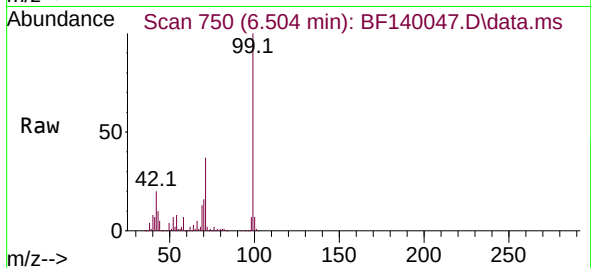
Tgt Ion:112 Resp: 600578
Ion Ratio Lower Upper
112 100
64 64.8 53.0 79.6
63 33.8 27.0 40.4





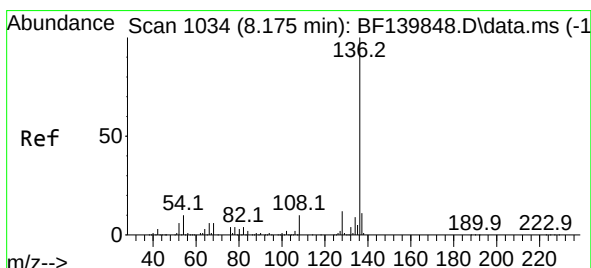
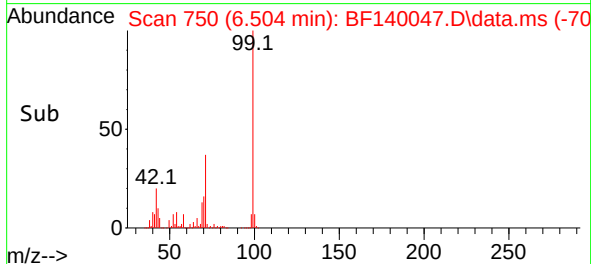
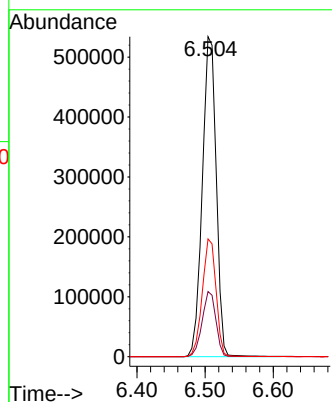
#7
Phenol-d6
Concen: 91.596 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO



Tgt Ion: 99 Resp: 758994

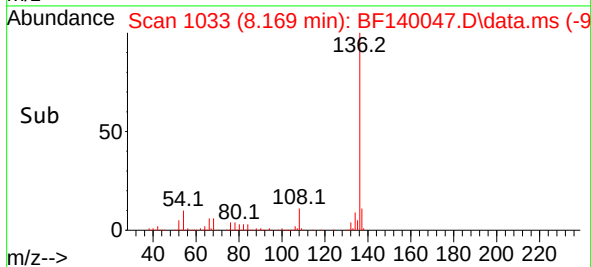
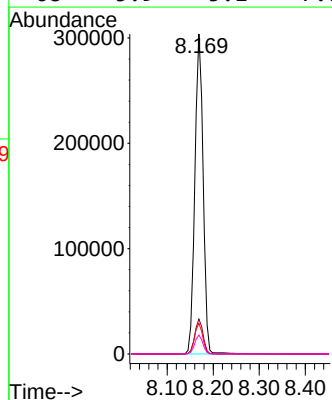
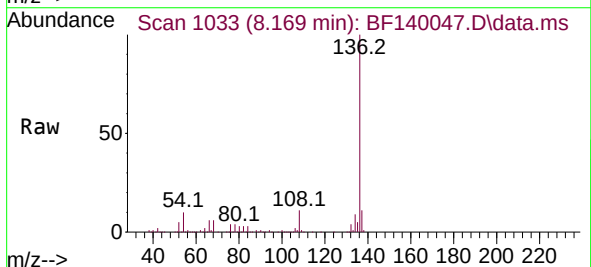
Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.7	25.1
71	36.8	27.7	41.5

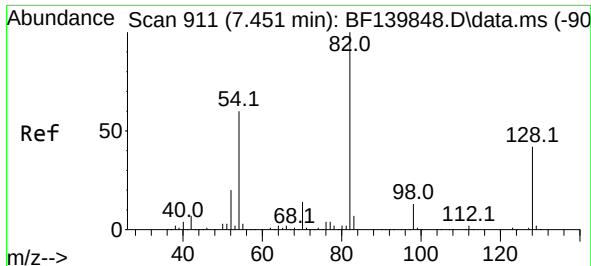


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion: 136 Resp: 377043

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	5.9	5.1	7.7





#23

Nitrobenzene-d5

Concen: 75.800 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140047.D

Acq: 25 Oct 2024 19:46

Instrument :

BNA_F

ClientSampleId :

NASSAU-ST-CO

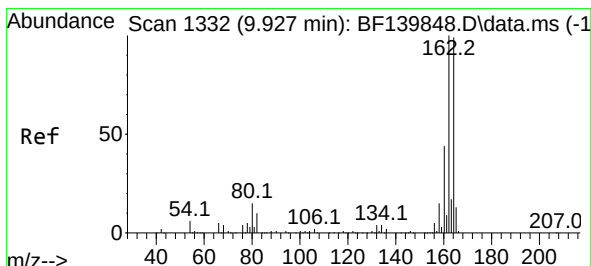
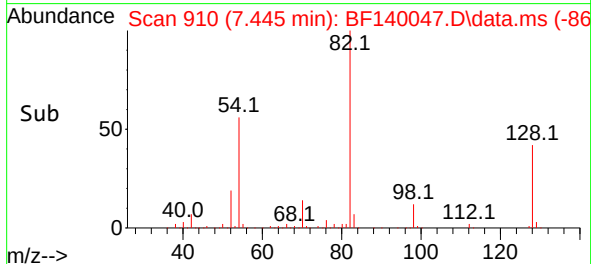
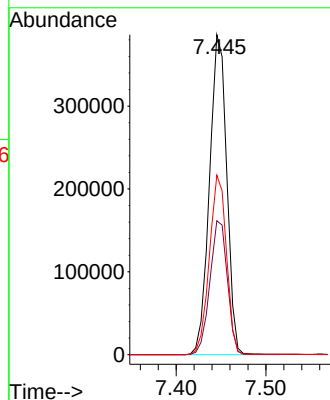
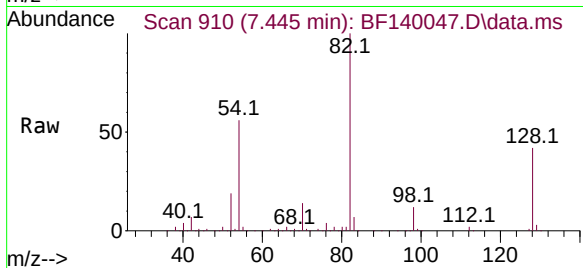
Tgt Ion: 82 Resp: 515665

Ion Ratio Lower Upper

82 100

128 41.8 33.4 50.0

54 56.1 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF140047.D

Acq: 25 Oct 2024 19:46

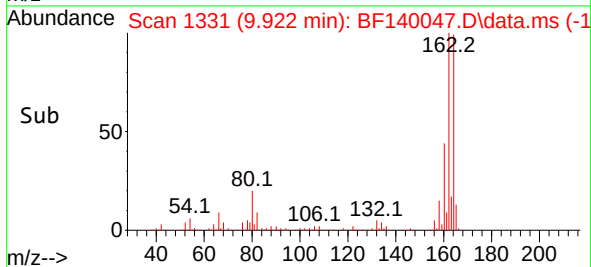
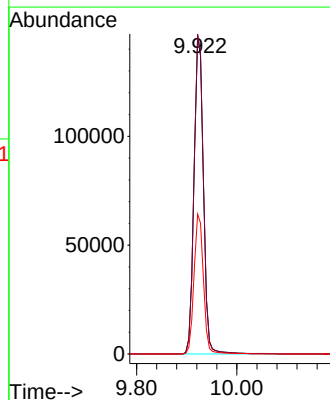
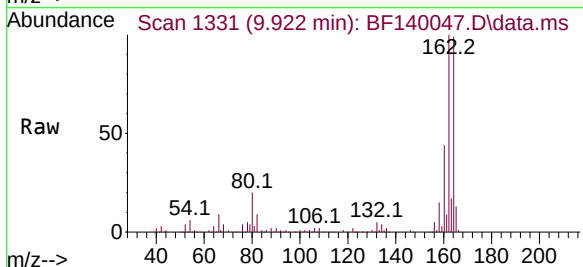
Tgt Ion:164 Resp: 189805

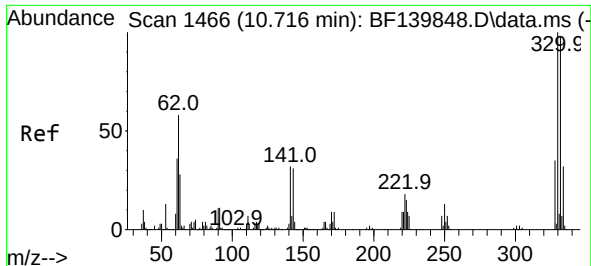
Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

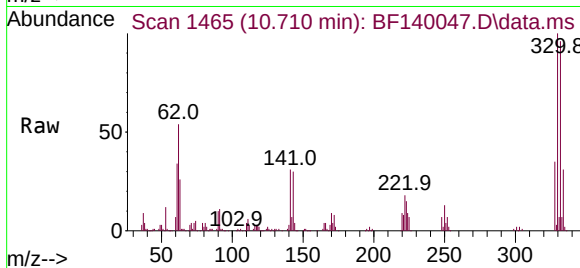
160 44.1 35.4 53.0



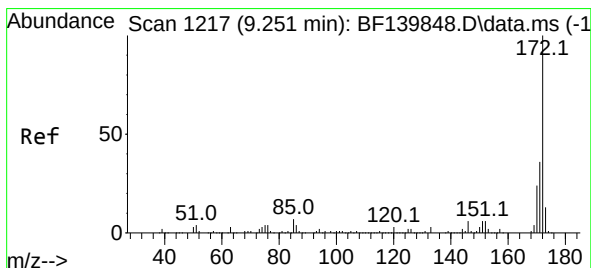
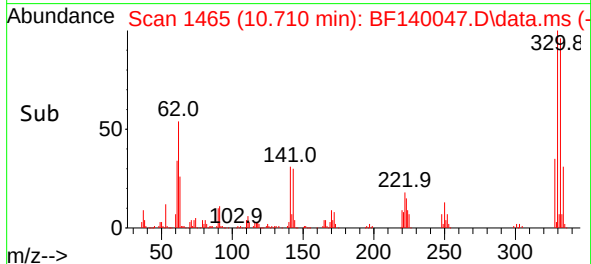
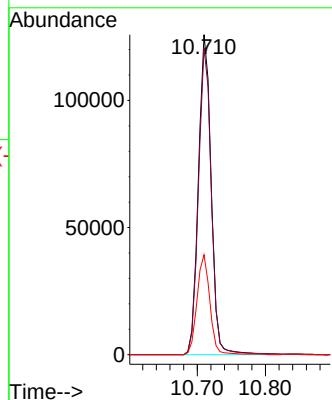


#42
2,4,6-Tribromophenol
Concen: 92.215 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

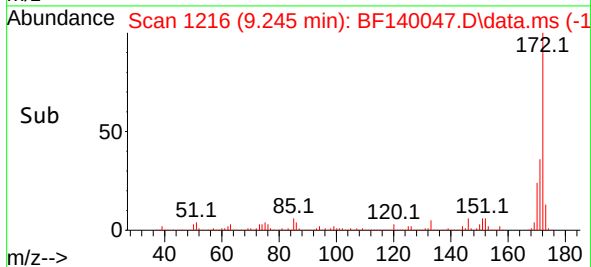
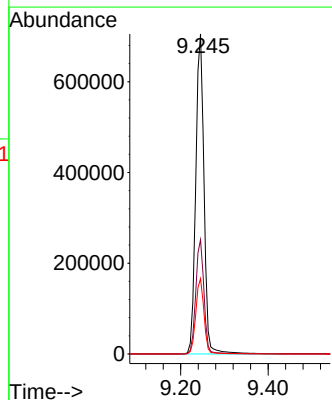
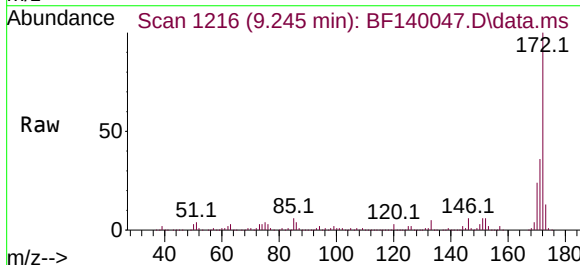


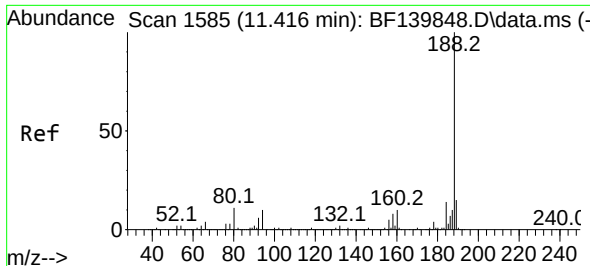
Tgt Ion:330 Resp: 163717
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 31.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 81.186 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion:172 Resp: 932389
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.1 28.7

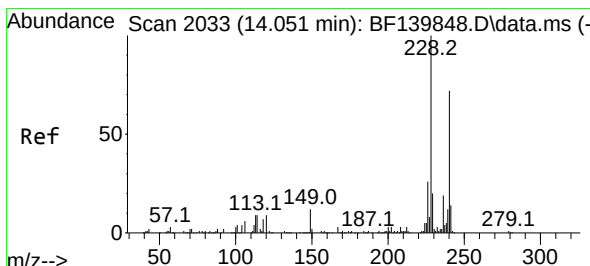
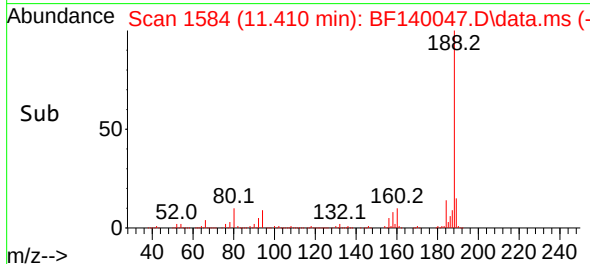
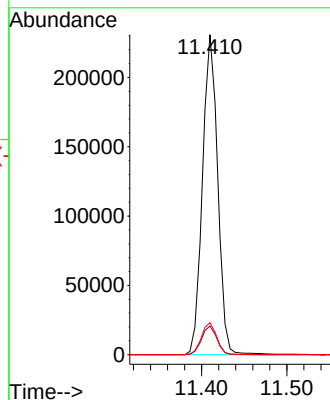
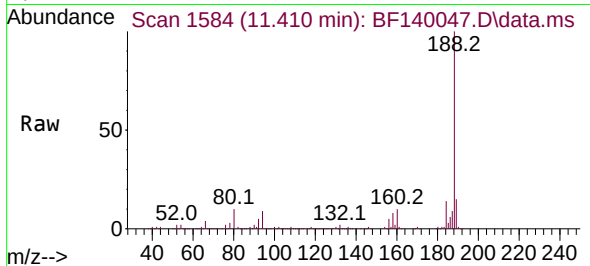




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

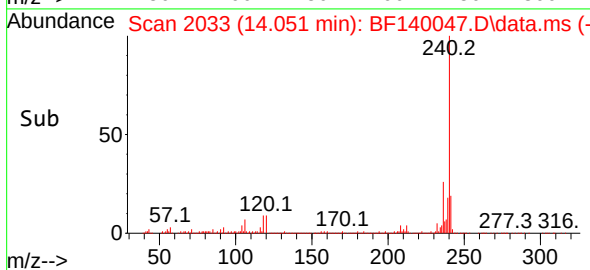
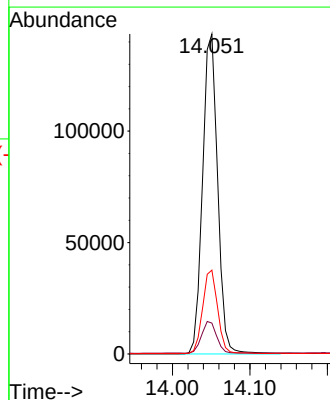
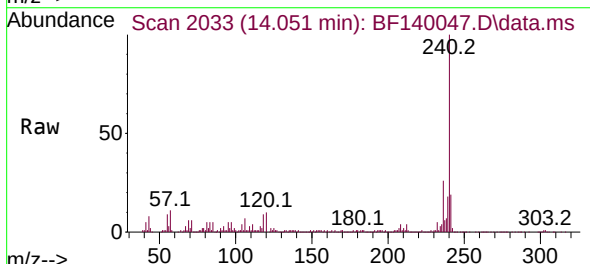
Instrument :
BNA_F
ClientSampleId :
NASSAU-ST-CO

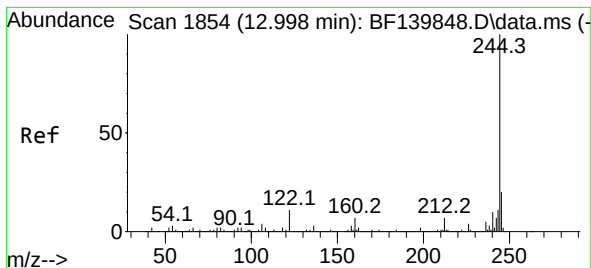
Tgt Ion:188 Resp: 286510
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140047.D
Acq: 25 Oct 2024 19:46

Tgt Ion:240 Resp: 193966
Ion Ratio Lower Upper
240 100
120 9.7 9.4 14.2
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 67.611 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140047.D

Acq: 25 Oct 2024 19:46

Instrument :

BNA_F

ClientSampleId :

NASSAU-ST-CO

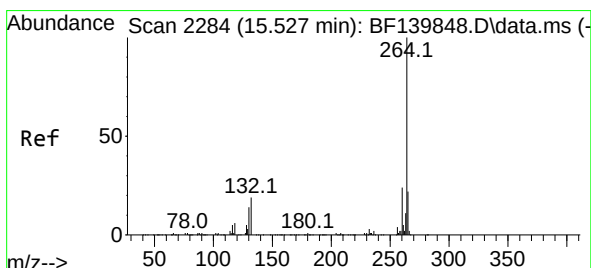
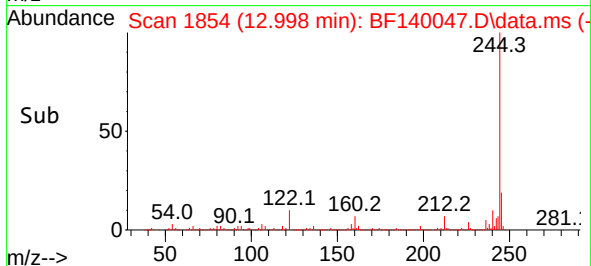
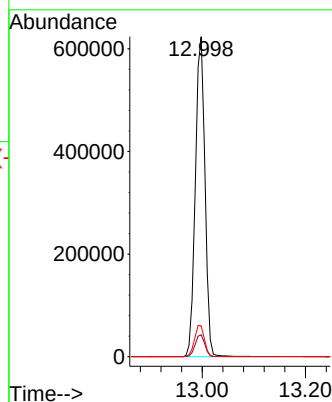
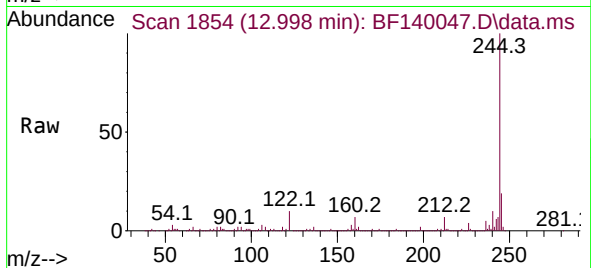
Tgt Ion:244 Resp: 804806

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 9.7 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140047.D

Acq: 25 Oct 2024 19:46

Tgt Ion:264 Resp: 150645

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.5 17.4 26.0

