

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
Data File : BF140107.D
Acq On : 29 Oct 2024 12:58
Operator : RC/JU
Sample : P4574-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Quant Time: Oct 29 13:27:46 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	6.886	152	120911	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	466864	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	255534	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	394541	20.000	ng	0.00
76) Chrysene-d12	14.057	240	198199	20.000	ng	0.00
86) Perylene-d12	15.557	264	254774	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	453953	58.775	ng	0.00
7) Phenol-d6	6.504	99	666244	66.603	ng	0.00
23) Nitrobenzene-d5	7.445	82	479986	56.981	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	140224	58.667	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	907991	58.725	ng	0.00
79) Terphenyl-d14	12.998	244	651486	53.562	ng	0.00

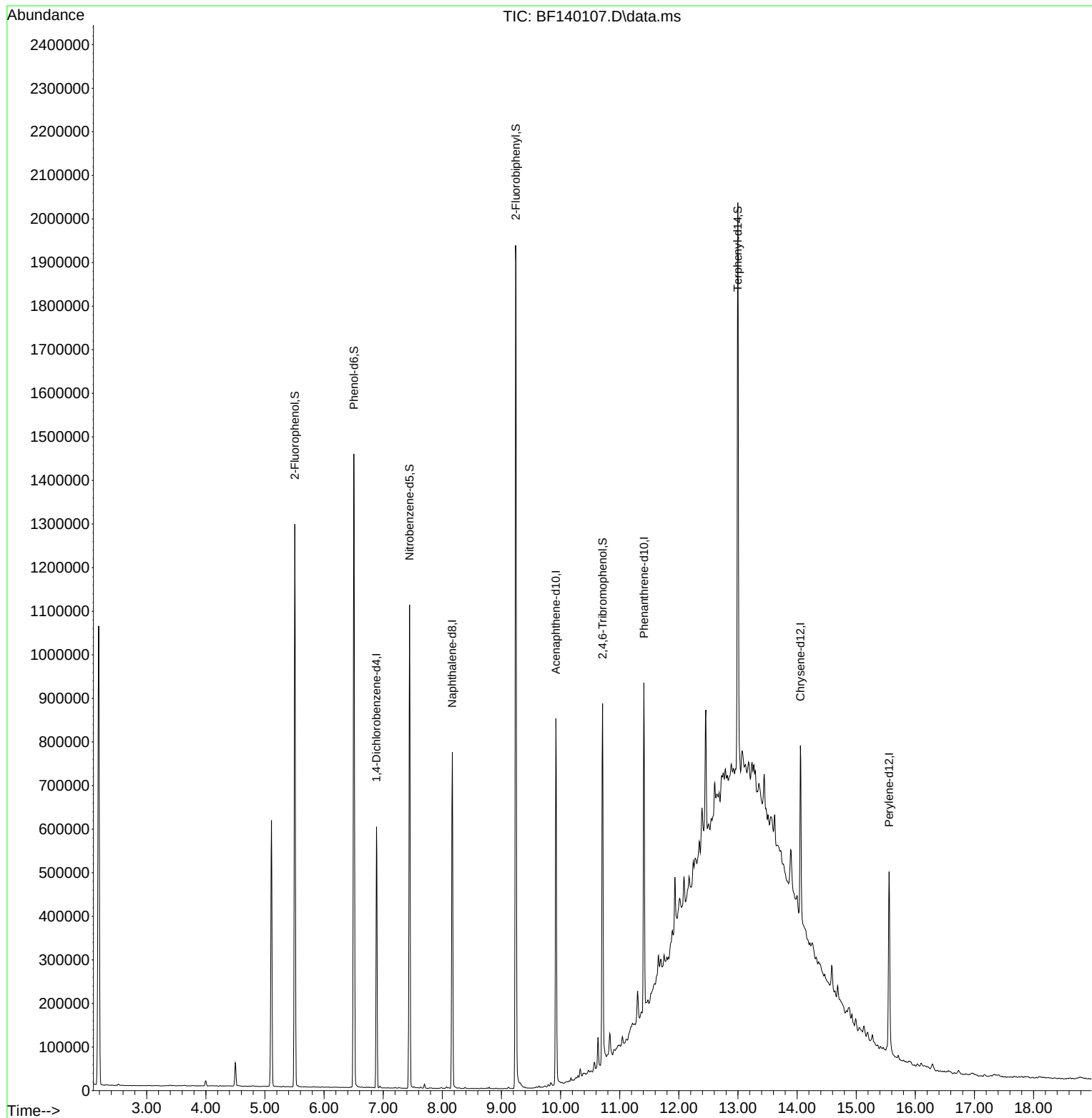
Target Compounds	Qvalue

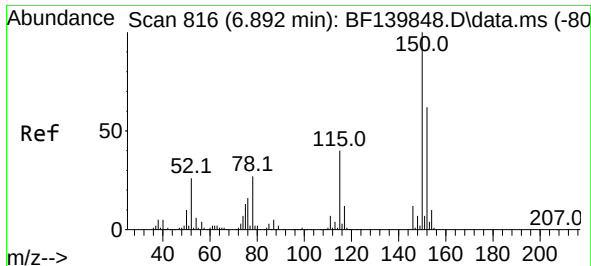
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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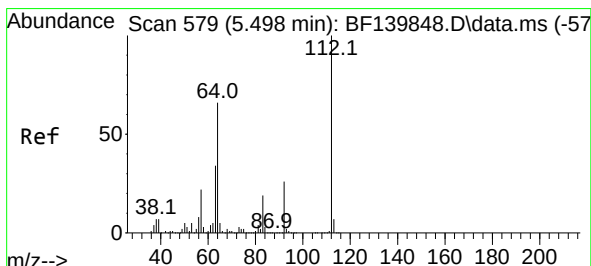
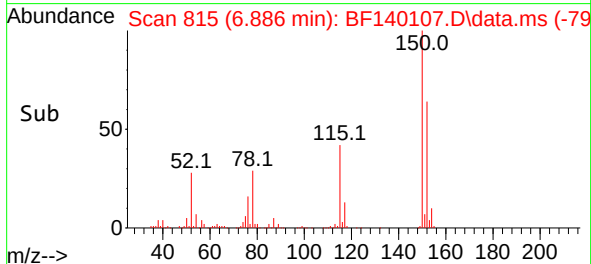
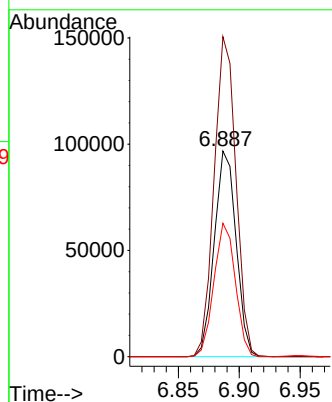
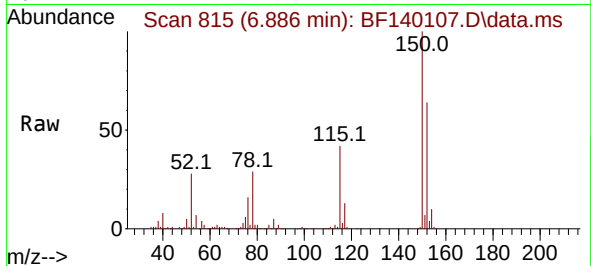




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

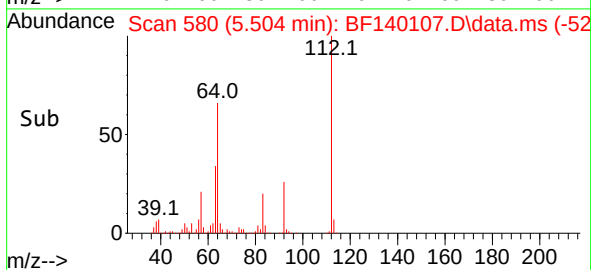
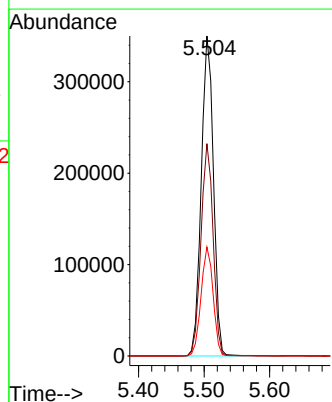
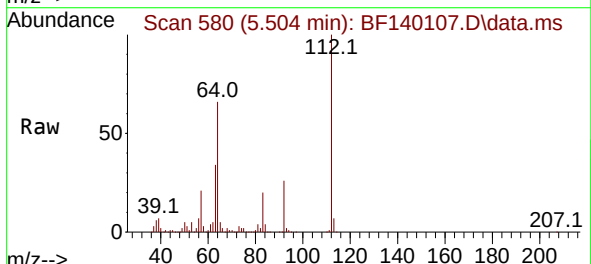
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

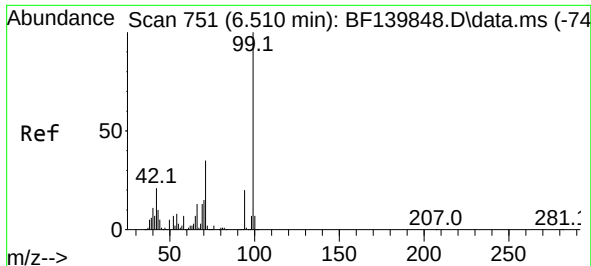
Tgt Ion:152 Resp: 120911
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 64.9 51.4 77.2



#5
2-Fluorophenol
Concen: 58.775 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

Tgt Ion:112 Resp: 453953
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 34.0 27.0 40.4





#7

Phenol-d6

Concen: 66.603 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140107.D

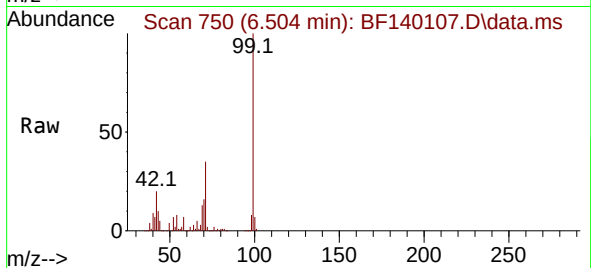
Acq: 29 Oct 2024 12:58

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1



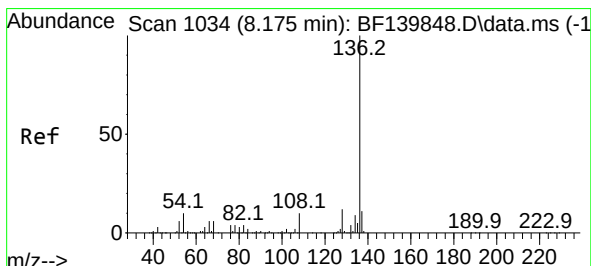
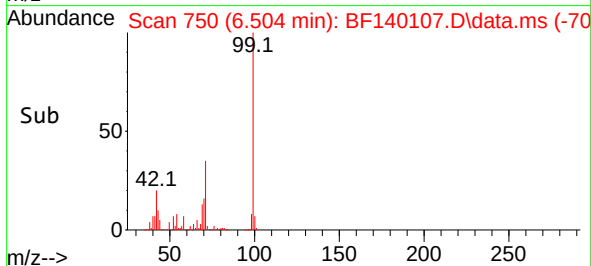
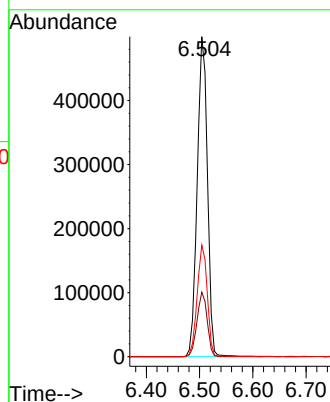
Tgt Ion: 99 Resp: 666244

Ion Ratio Lower Upper

99 100

42 20.2 16.7 25.1

71 34.9 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: BF140107.D

Acq: 29 Oct 2024 12:58

Tgt Ion: 136 Resp: 466864

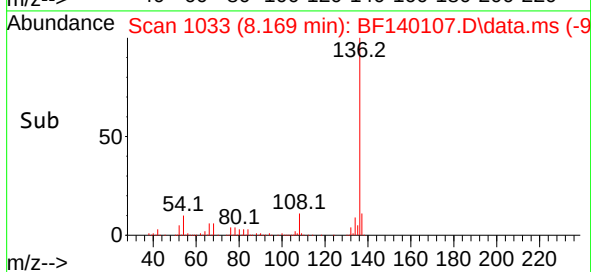
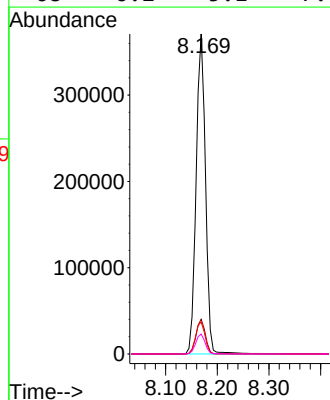
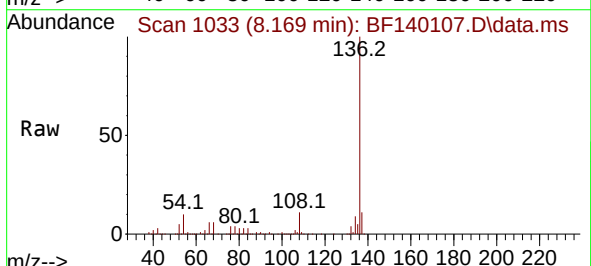
Ion Ratio Lower Upper

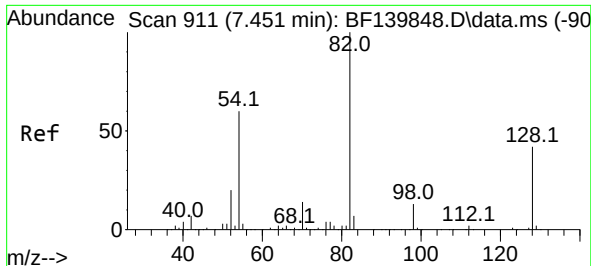
136 100

137 10.8 8.6 12.8

54 10.0 8.4 12.6

68 6.2 5.1 7.7

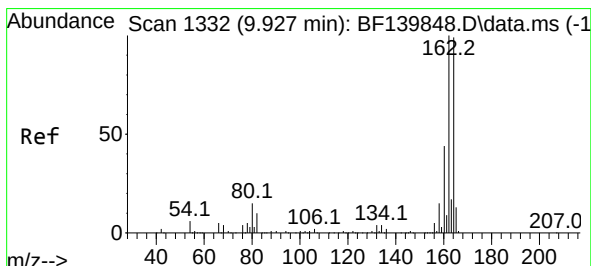
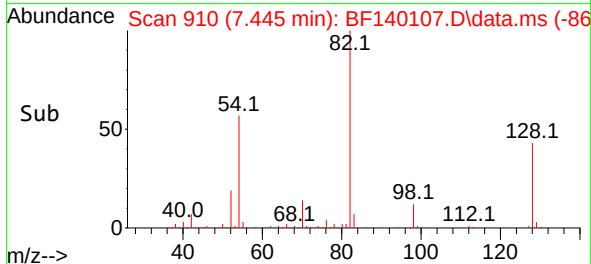
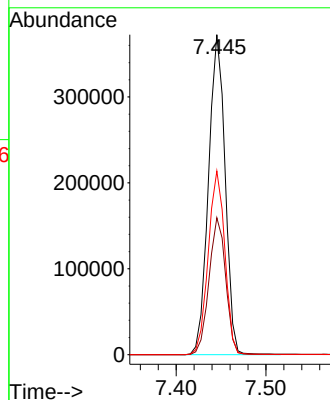
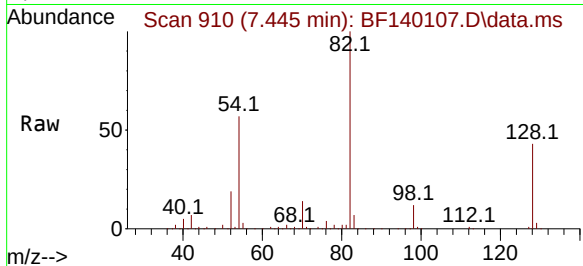




#23
 Nitrobenzene-d5
 Concen: 56.981 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140107.D
 Acq: 29 Oct 2024 12:58

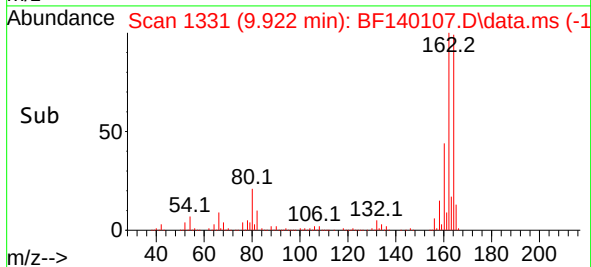
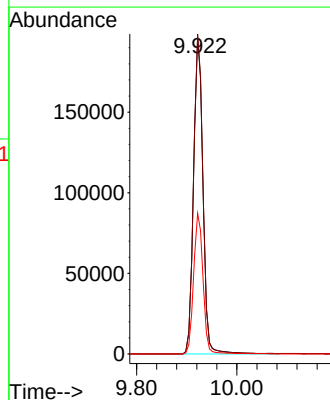
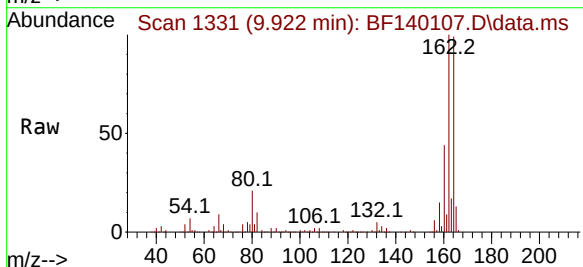
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

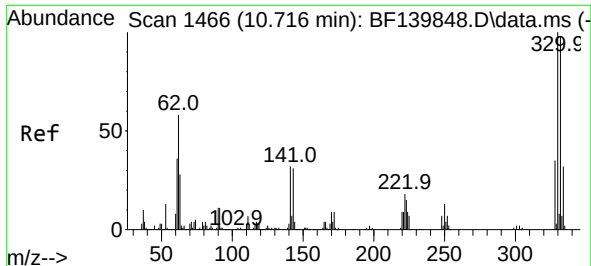
Tgt Ion: 82 Resp: 479986
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.4 50.0
 54 57.4 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140107.D
 Acq: 29 Oct 2024 12:58

Tgt Ion: 164 Resp: 255534
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.0 121.4
 160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 58.667 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140107.D

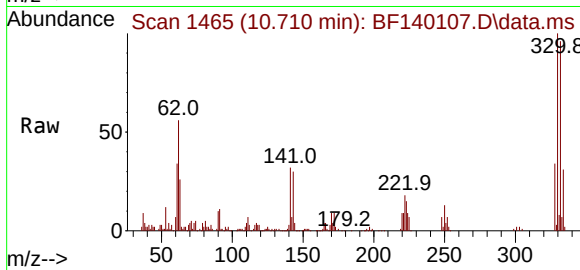
Acq: 29 Oct 2024 12:58

Instrument :

BNA_F

ClientSampleId :

CONCRETE-1



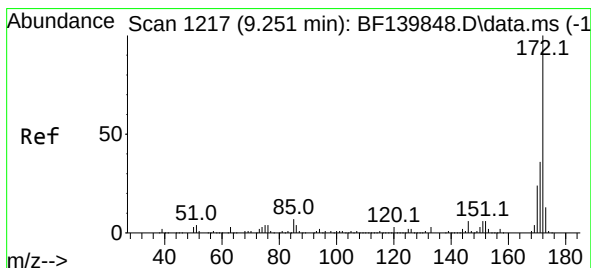
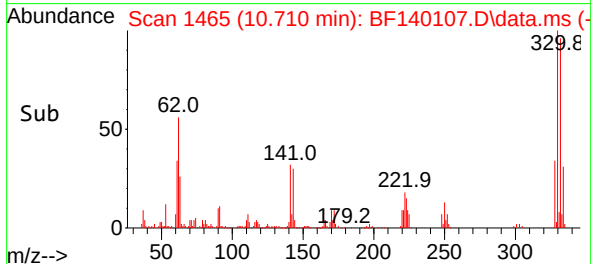
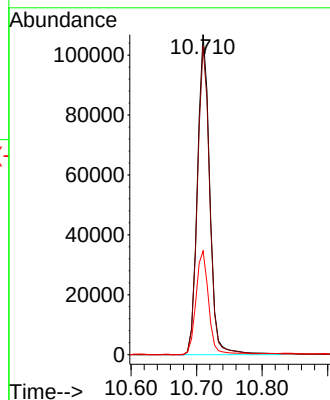
Tgt Ion:330 Resp: 140224

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 33.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 58.725 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140107.D

Acq: 29 Oct 2024 12:58

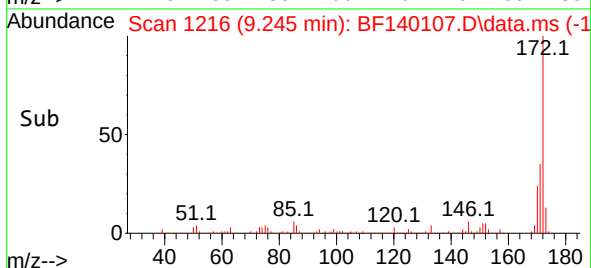
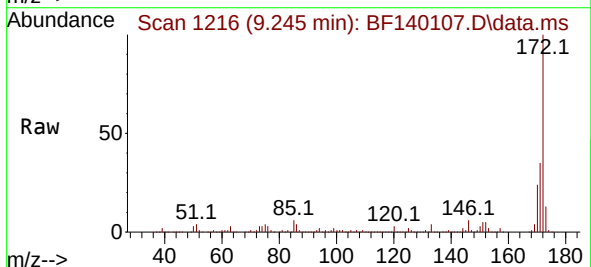
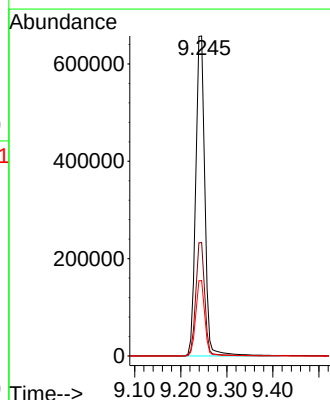
Tgt Ion:172 Resp: 907991

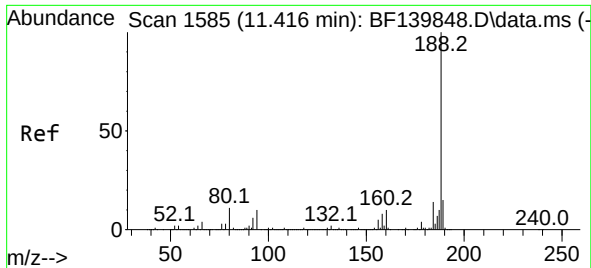
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.6 19.1 28.7

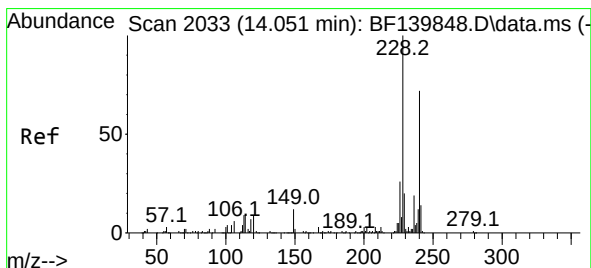
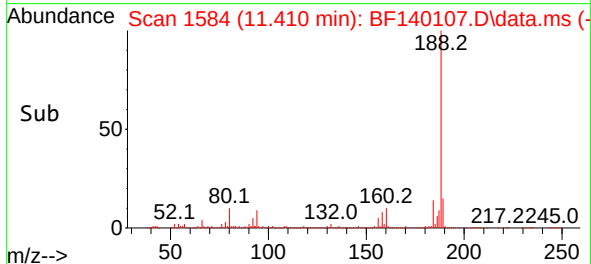
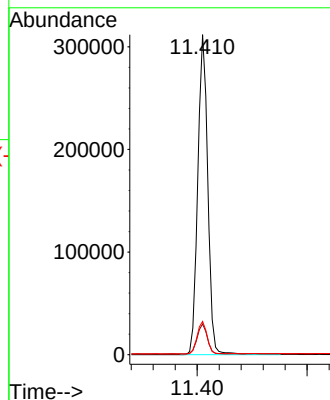
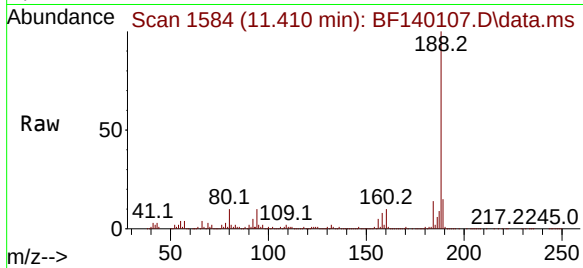




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

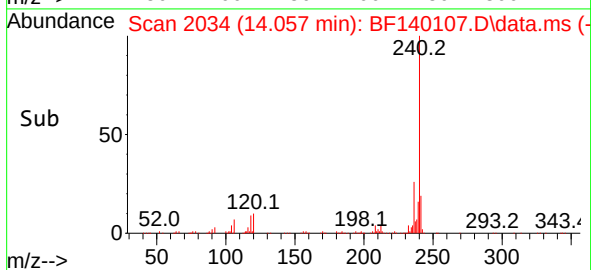
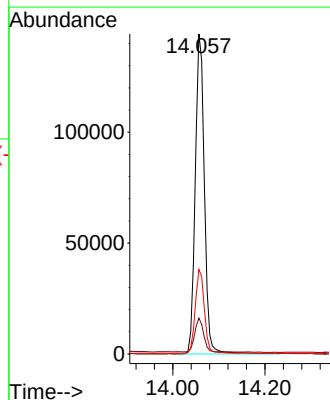
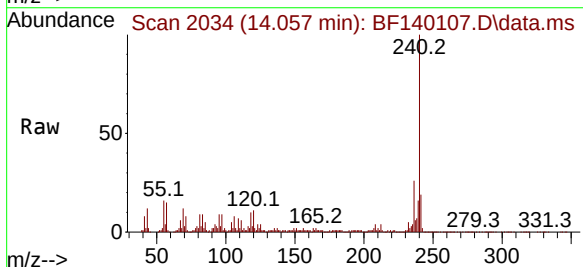
Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

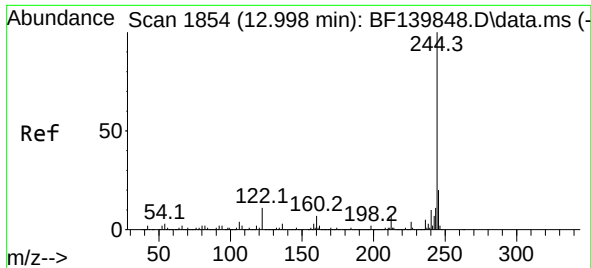
Tgt Ion:188 Resp: 394541
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140107.D
Acq: 29 Oct 2024 12:58

Tgt Ion:240 Resp: 198199
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.4 20.9 31.3

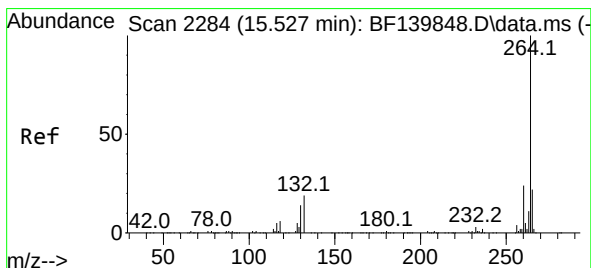
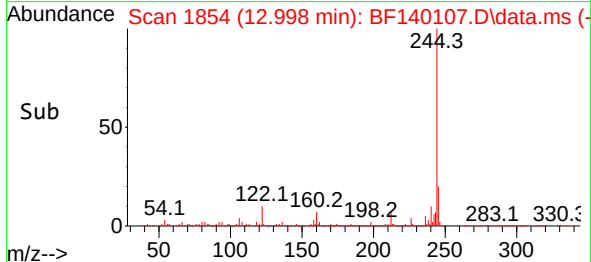
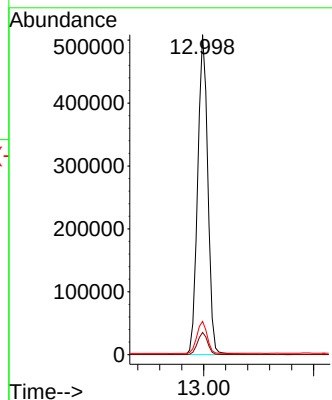
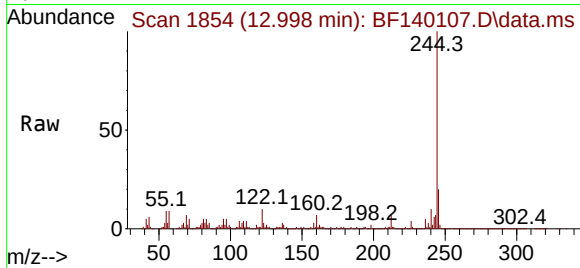




#79
 Terphenyl-d14
 Concen: 53.562 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140107.D
 Acq: 29 Oct 2024 12:58

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Tgt Ion:244 Resp: 651486
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.029 min
 Lab File: BF140107.D
 Acq: 29 Oct 2024 12:58

Tgt Ion:264 Resp: 254774
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.1 17.4 26.0

