

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140212.D
 Acq On : 01 Nov 2024 15:47
 Operator : RC/JU
 Sample : P4663-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RES-BUILDING-PAD-NO-11

Quant Time: Nov 01 17:35:08 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	6.881	152	106496	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	419273	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	231436	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	391644	20.000	ng	0.00
76) Chrysene-d12	14.068	240	198159	20.000	ng	0.02
86) Perylene-d12	15.568	264	221860	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	593038	87.176	ng	0.00
7) Phenol-d6	6.504	99	782841	88.852	ng	0.00
23) Nitrobenzene-d5	7.439	82	540152	71.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	206576	95.426	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	972072	69.416	ng	-0.01
79) Terphenyl-d14	13.010	244	823333	67.703	ng	0.01

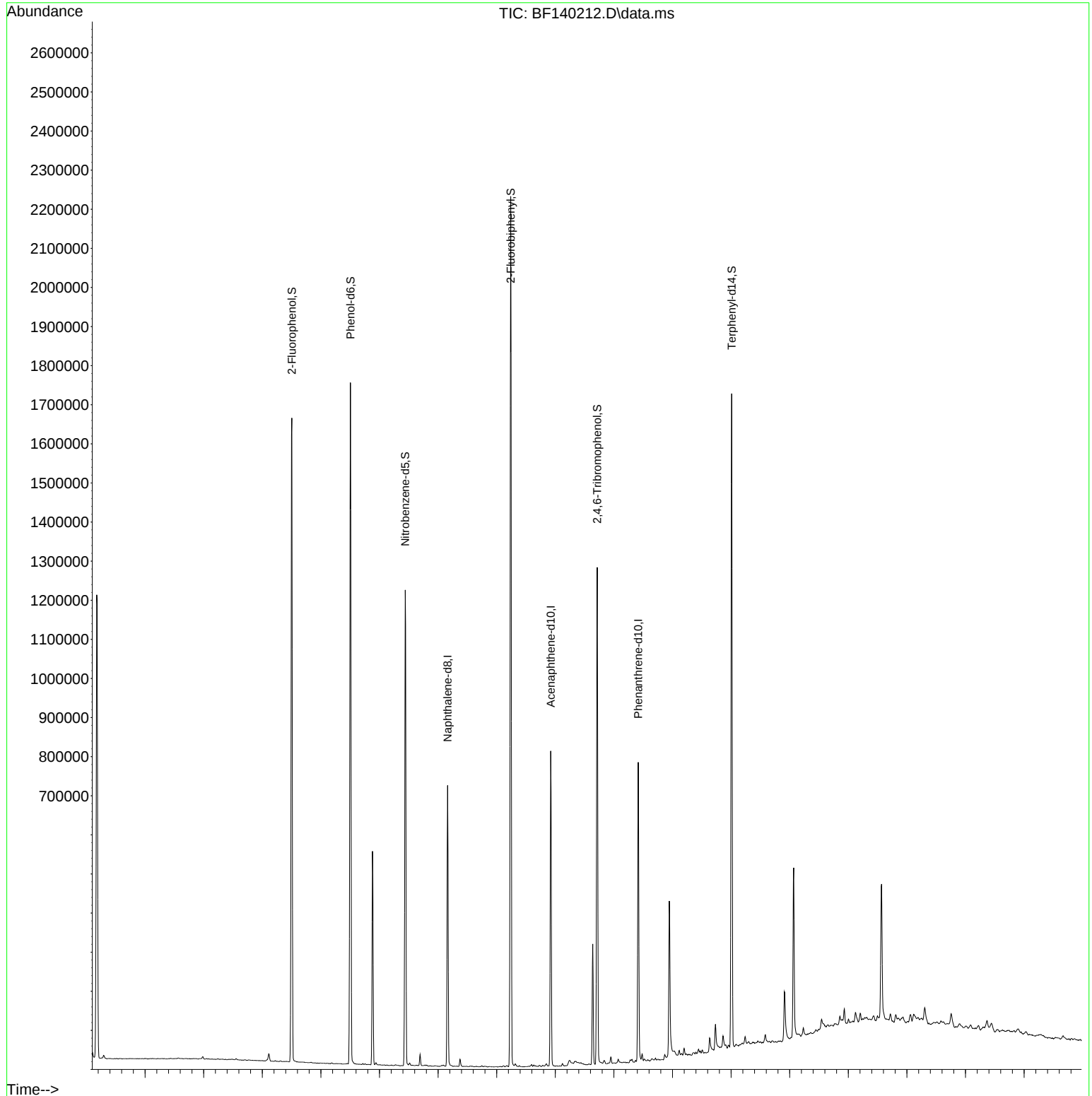
Target Compounds Qvalue

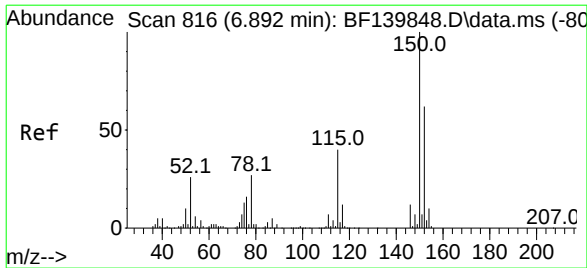
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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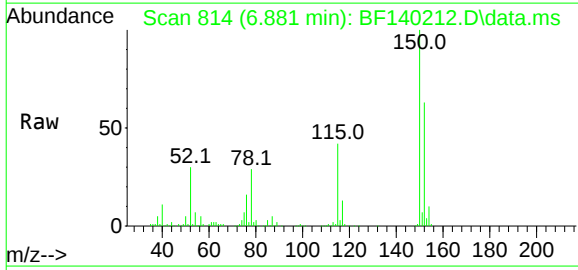
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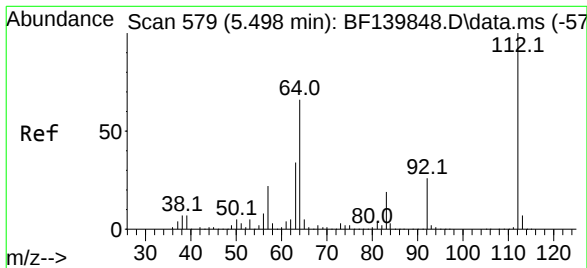
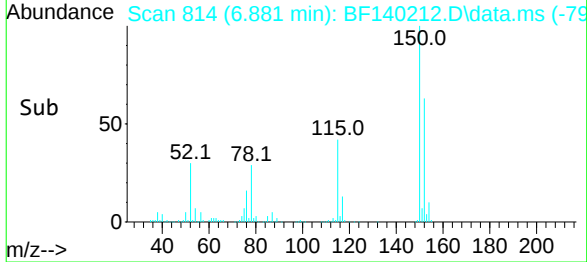
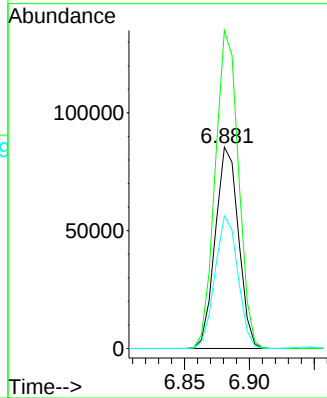


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-11

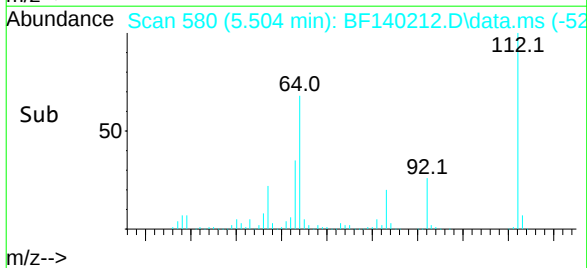
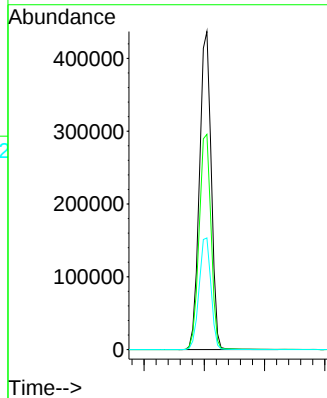
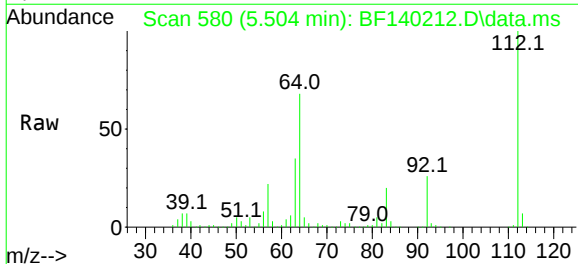


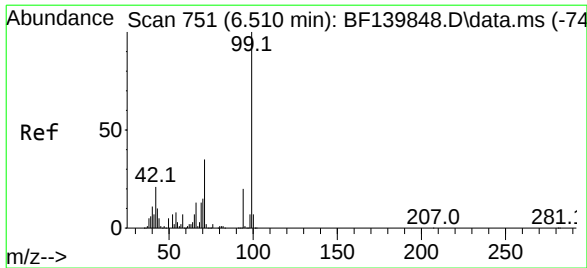
Tgt Ion:152 Resp: 106496
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 65.8 51.4 77.2



#5
2-Fluorophenol
Concen: 87.176 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion:112 Resp: 593038
Ion Ratio Lower Upper
112 100
64 67.7 53.0 79.6
63 35.1 27.0 40.4

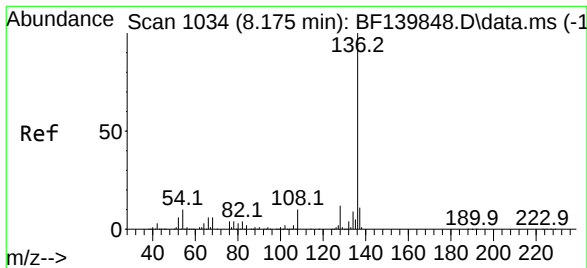
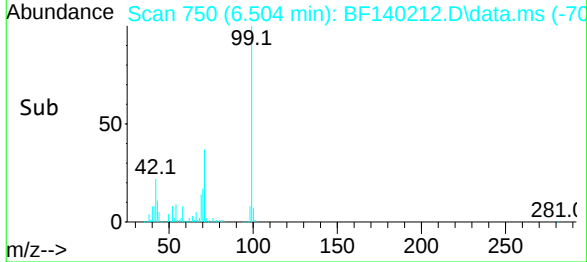
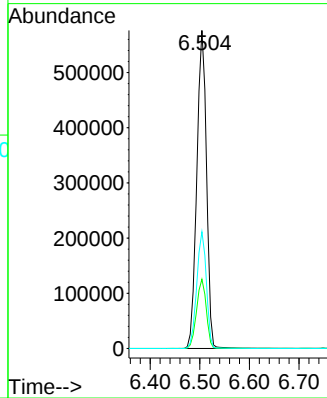
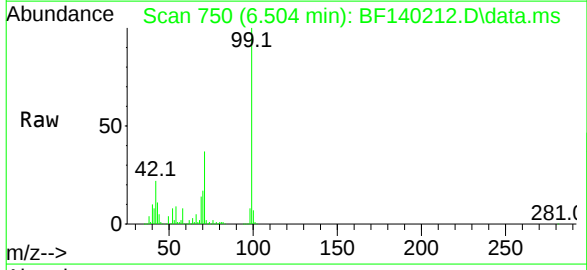




#7
Phenol-d6
Concen: 88.852 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

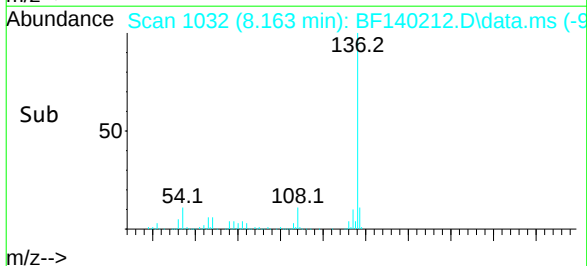
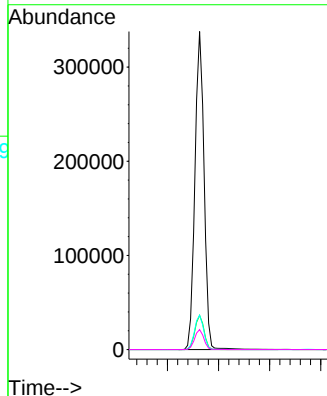
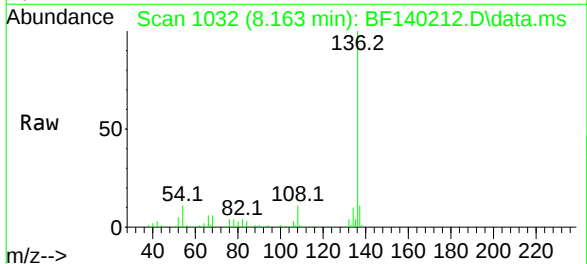
Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-11

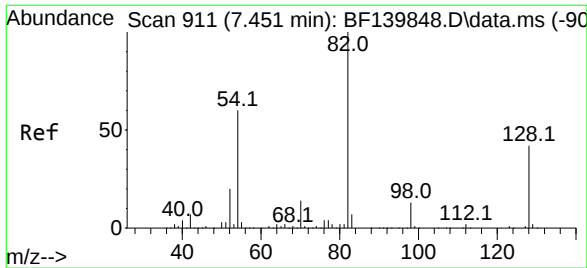
Tgt Ion:	99	Resp:	782841
Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.7	25.1
71	36.7	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion:	136	Resp:	419273
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.8	8.4	12.6
68	6.3	5.1	7.7

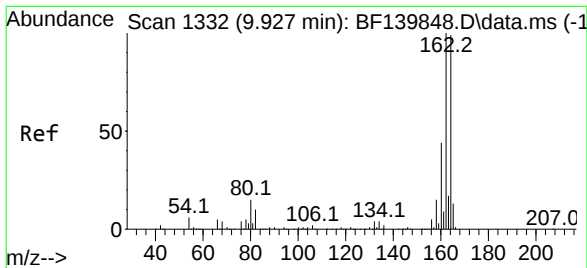
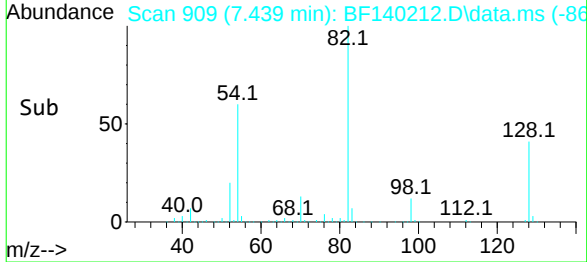
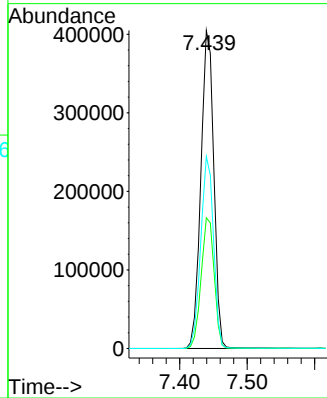
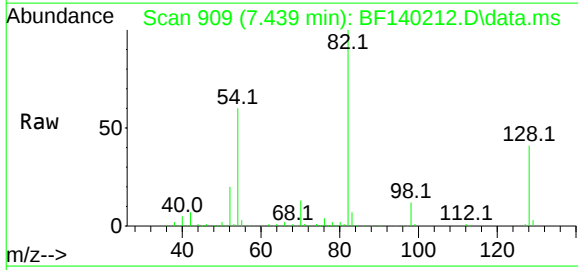




#23
Nitrobenzene-d5
Concen: 71.403 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

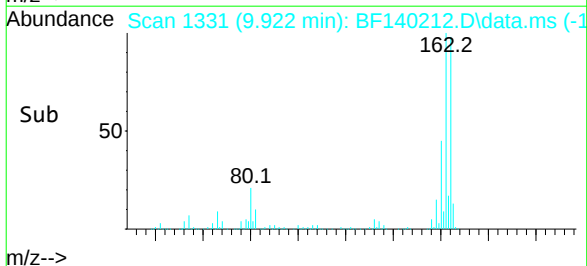
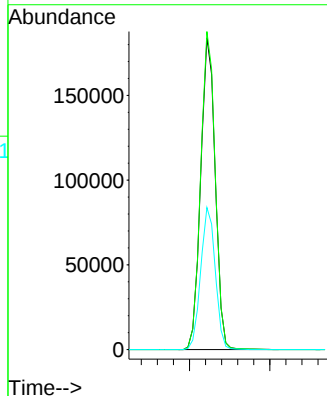
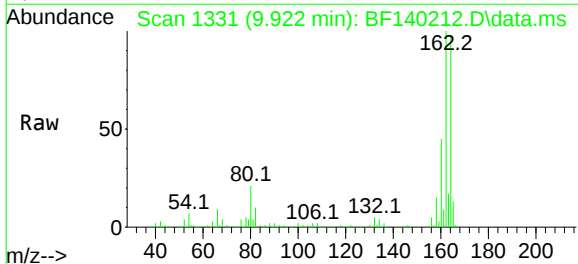
Instrument :
BNA_F
ClientSampleId :
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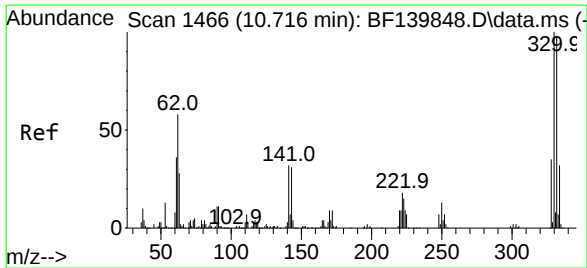
Tgt Ion: 82 Resp: 540152
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.0
54 60.3 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

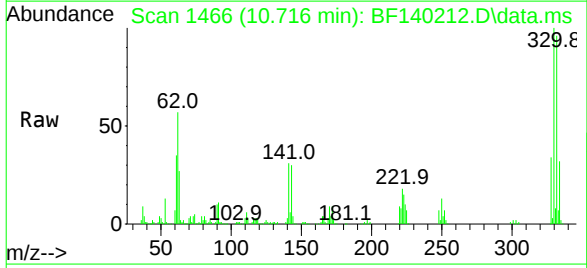
Tgt Ion: 164 Resp: 231436
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 45.6 35.4 53.0



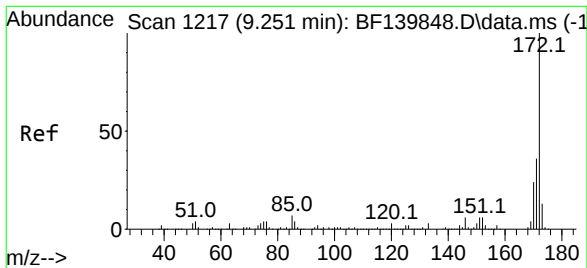
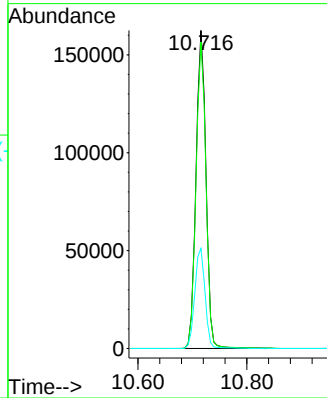
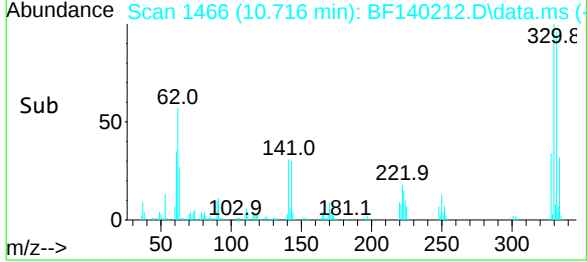


#42
2,4,6-Tribromophenol
Concen: 95.426 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

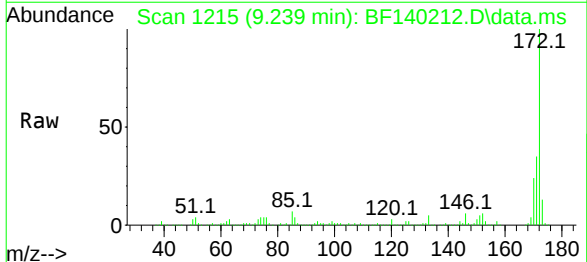
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BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-11



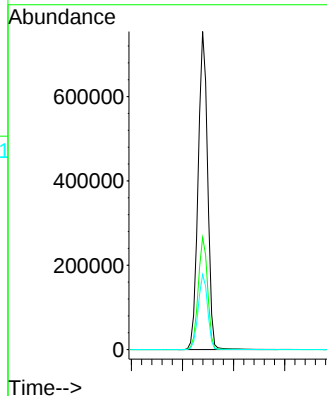
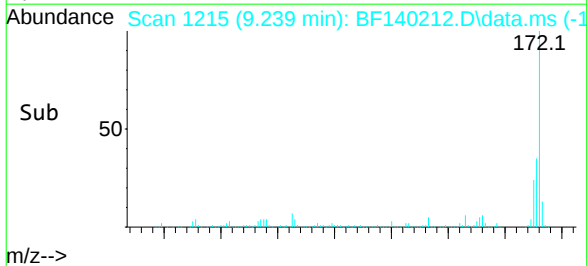
Tgt Ion: 330 Resp: 206576
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 32.6 26.6 39.8

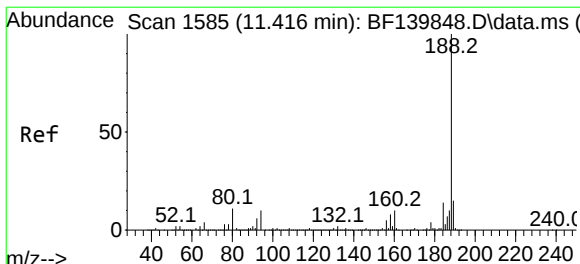


#45
2-Fluorobiphenyl
Concen: 69.416 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47



Tgt Ion: 172 Resp: 972072
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.1 28.7

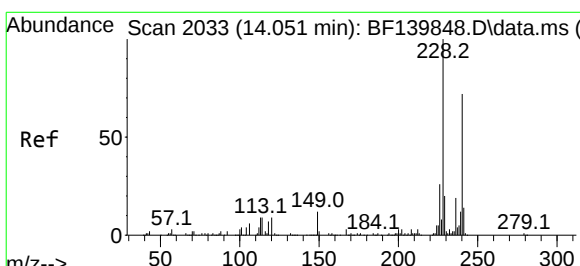
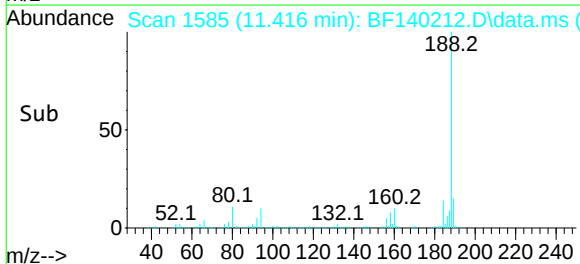
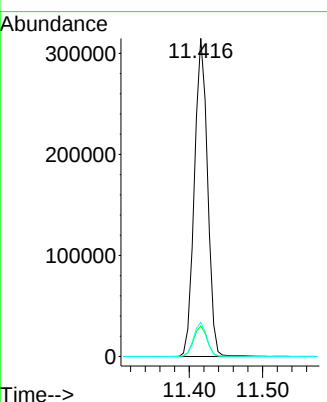
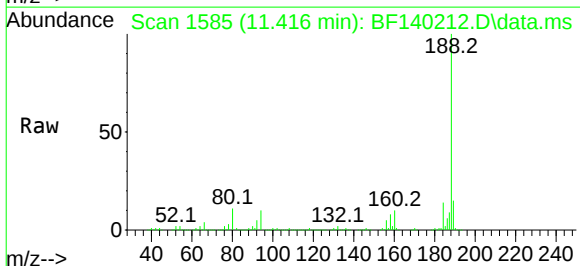




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 15
Delta R.T. 0.000 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

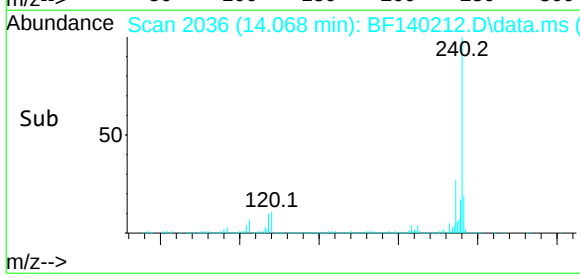
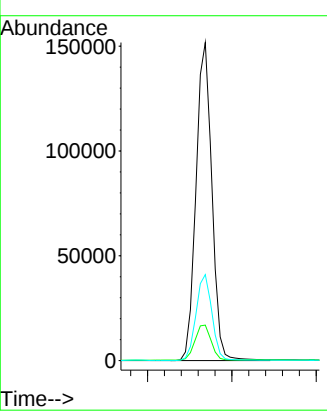
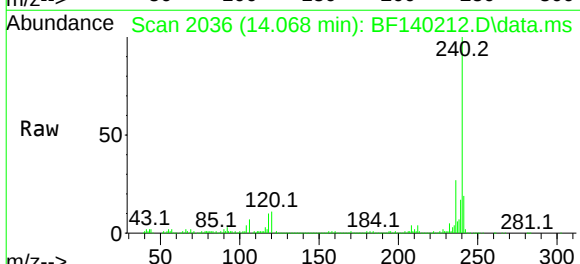
Instrument :
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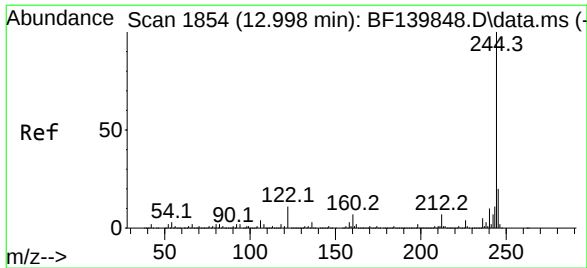
Tgt Ion:	188	Resp:	391644
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.7	9.0	13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140212.D
Acq: 01 Nov 2024 15:47

Tgt Ion:	240	Resp:	198159
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.4	14.2
236	27.0	20.9	31.3





#79

Terphenyl-d14

Concen: 67.703 ng

RT: 13.010 min Scan# 18

Delta R.T. 0.012 min

Lab File: BF140212.D

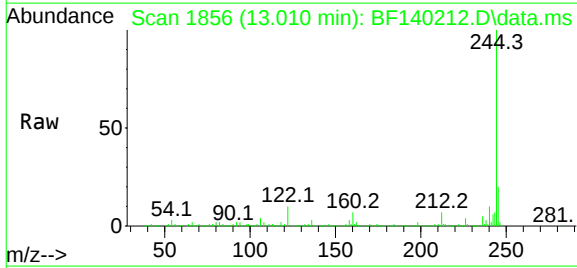
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Instrument :

BNA_F

ClientSampleId :

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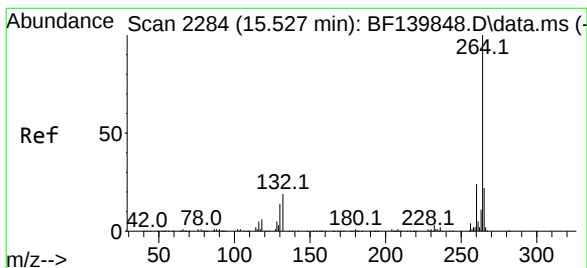
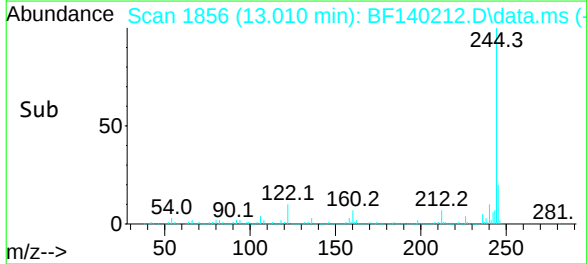
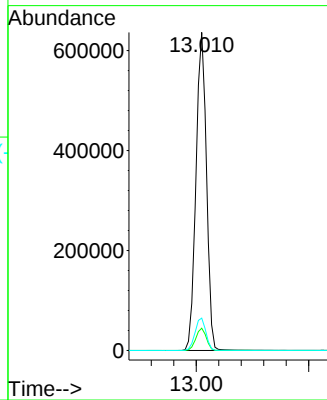
Tgt Ion:244 Resp: 823333

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.2 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.041 min

Lab File: BF140212.D

Acq: 01 Nov 2024 15:47

Tgt Ion:264 Resp: 221860

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.1 17.4 26.0

