

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140205.D
 Acq On : 01 Nov 2024 11:40
 Operator : RC/JU
 Sample : P4643-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F8

Quant Time: Nov 01 12:39:30 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	112621	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	451056	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	258934	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	480016	20.000	ng	0.00
76) Chrysene-d12	14.068	240	267187	20.000	ng	0.02
86) Perylene-d12	15.568	264	217568	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	558976	77.700	ng	0.00
7) Phenol-d6	6.504	99	753458	80.866	ng	0.00
23) Nitrobenzene-d5	7.439	82	504817	62.030	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	224079	92.519	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	884684	56.467	ng	-0.01
79) Terphenyl-d14	13.010	244	962351	58.690	ng	0.01

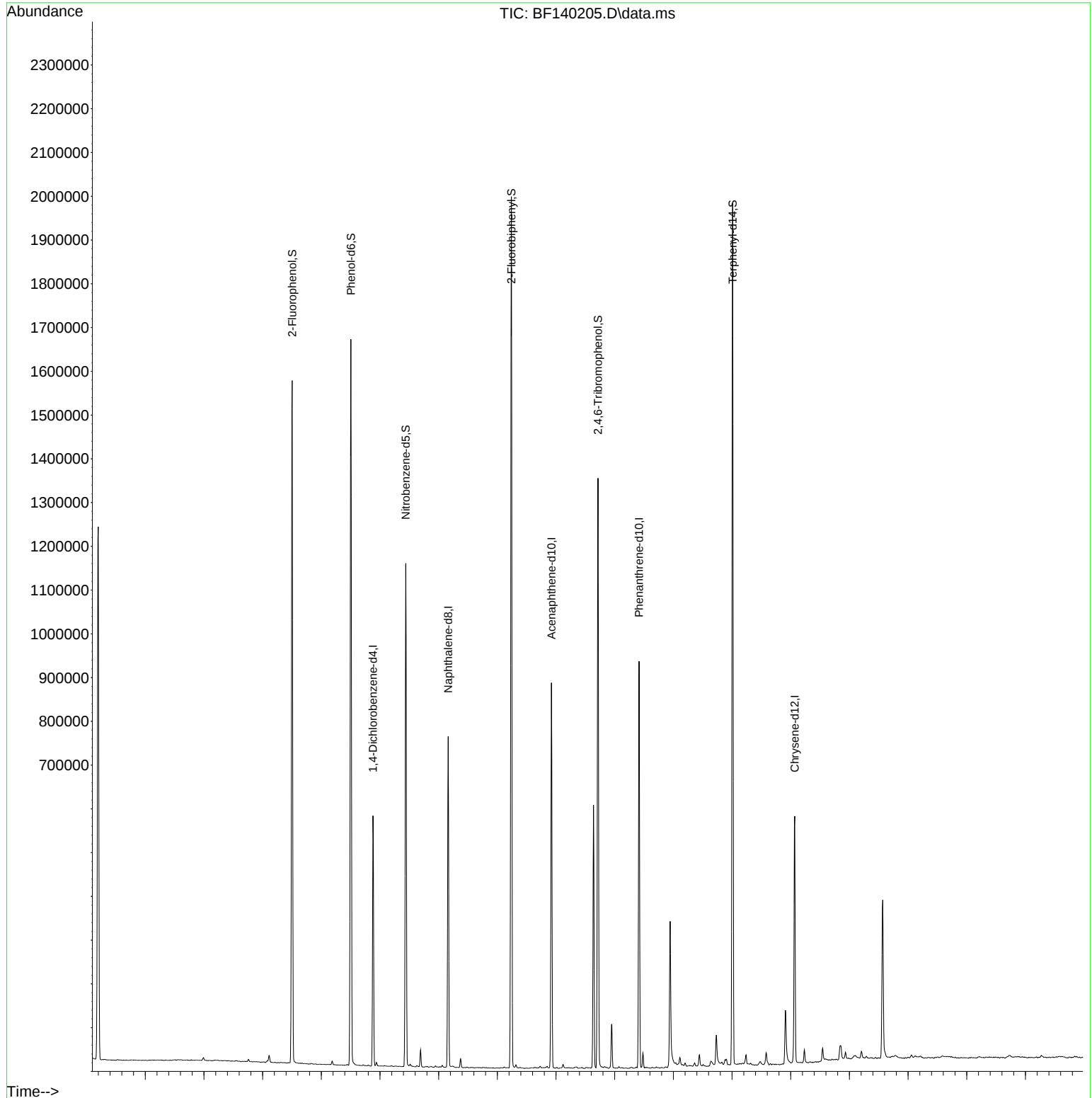
Target Compounds Qvalue

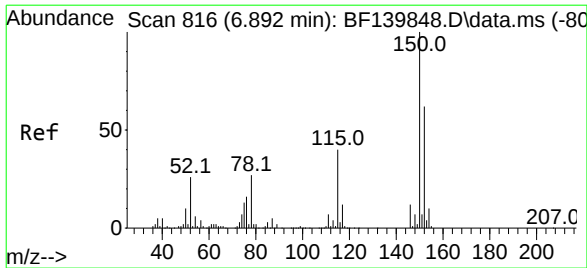
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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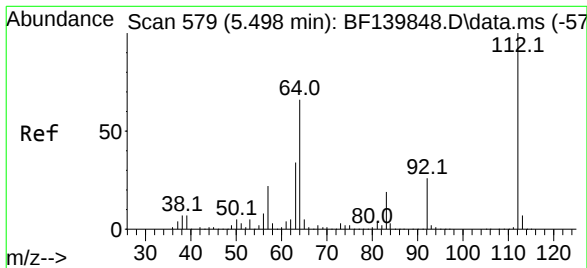
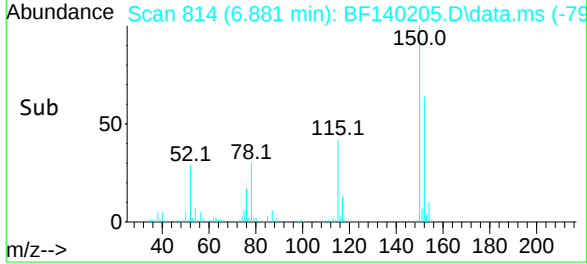
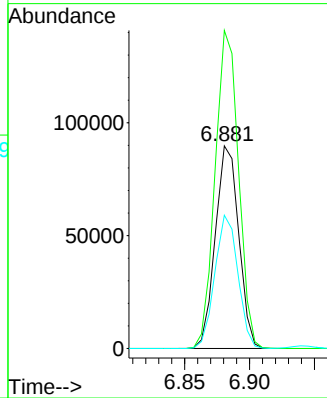
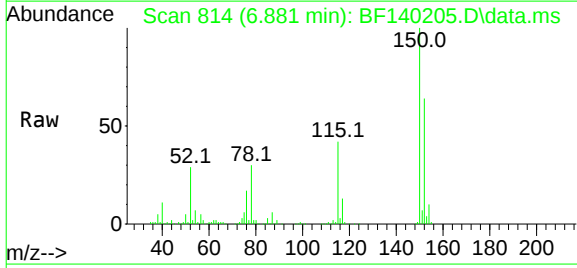




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

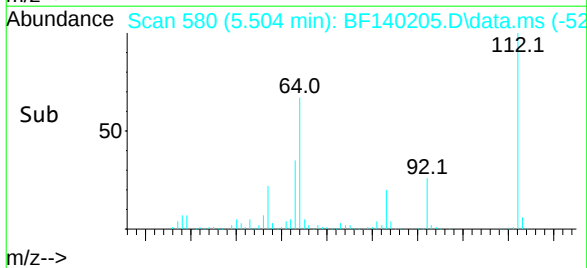
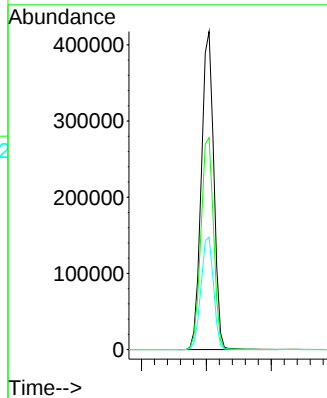
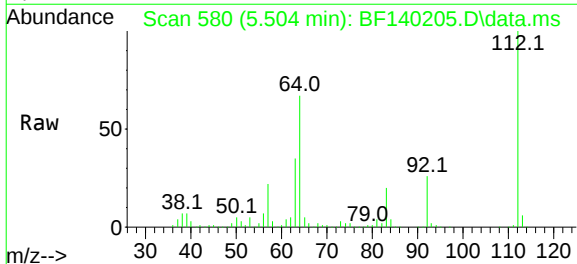
Instrument :
BNA_F
ClientSampleId :
BP-F8

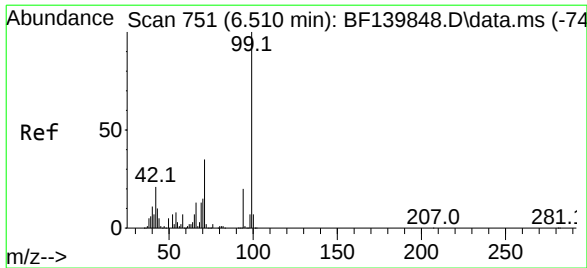
Tgt Ion:152 Resp: 112621
Ion Ratio Lower Upper
152 100
150 157.0 130.2 195.2
115 65.8 51.4 77.2



#5
2-Fluorophenol
Concen: 77.700 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

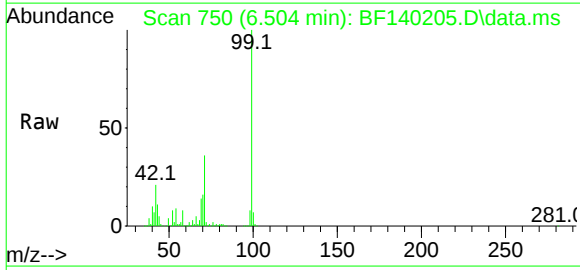
Tgt Ion:112 Resp: 558976
Ion Ratio Lower Upper
112 100
64 66.6 53.0 79.6
63 35.3 27.0 40.4



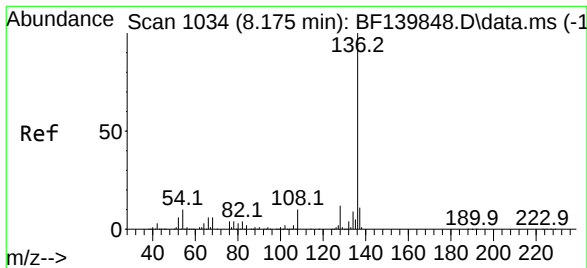
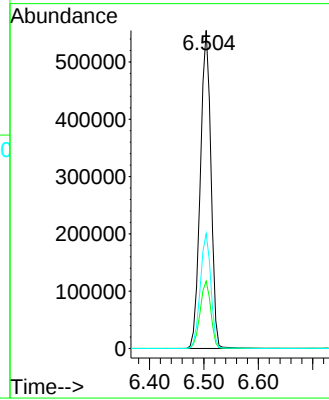
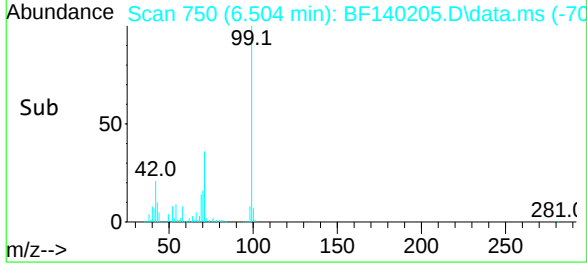


#7
Phenol-d6
Concen: 80.866 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

Instrument :
BNA_F
ClientSampleId :
BP-F8

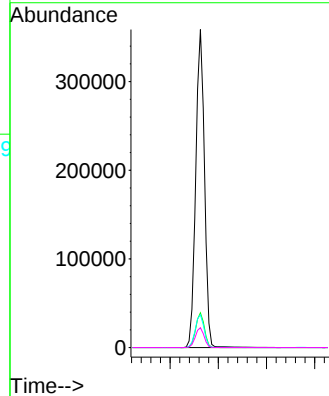
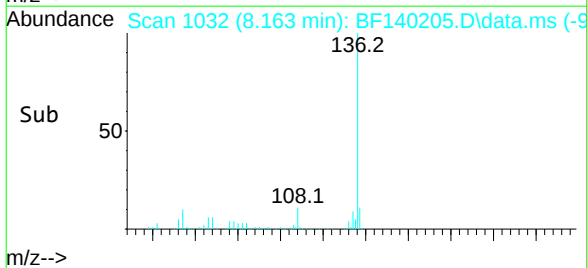
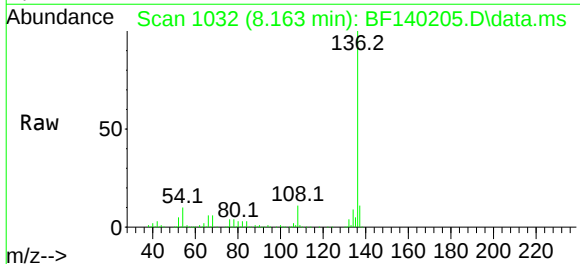


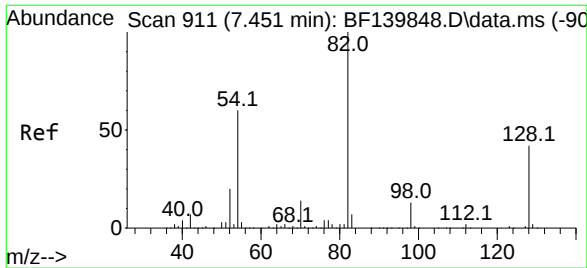
Tgt Ion: 99 Resp: 753458
Ion Ratio Lower Upper
99 100
42 21.2 16.7 25.1
71 36.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

Tgt Ion: 136 Resp: 451056
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.3 8.4 12.6
68 6.3 5.1 7.7

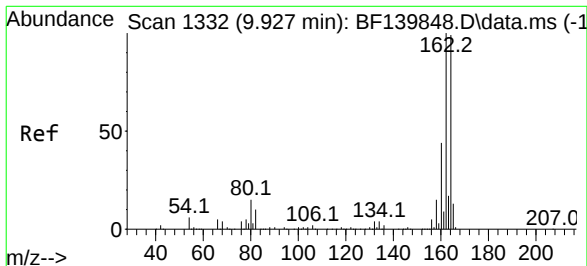
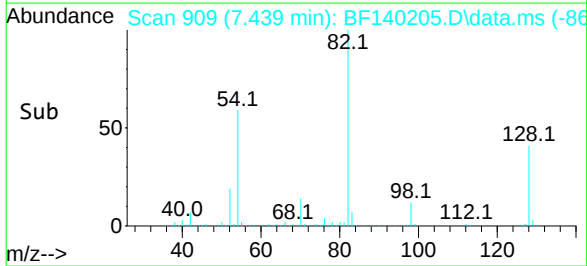
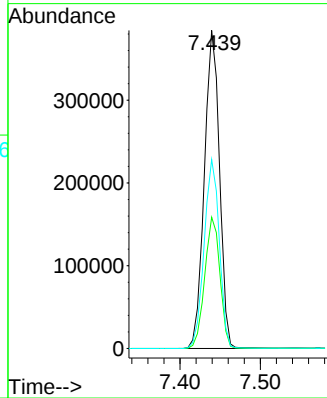
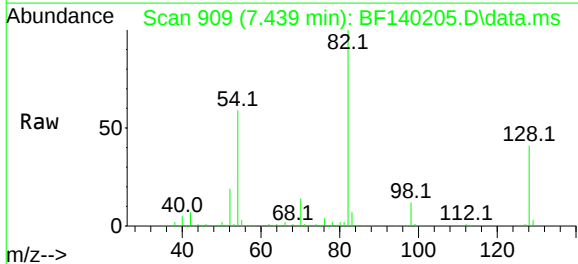




#23
Nitrobenzene-d5
Concen: 62.030 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

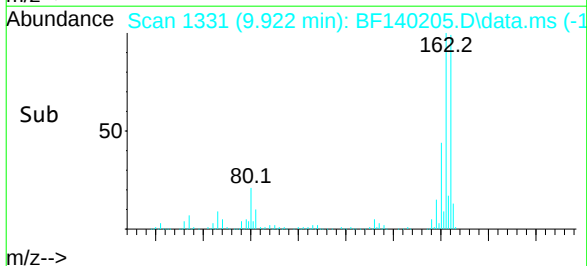
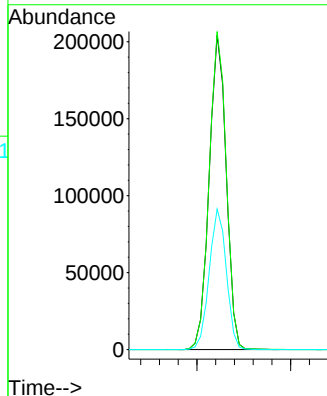
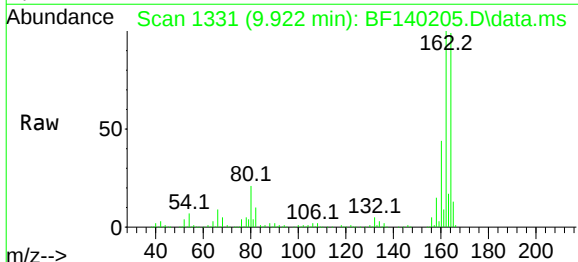
Instrument :
BNA_F
ClientSampleId :
BP-F8

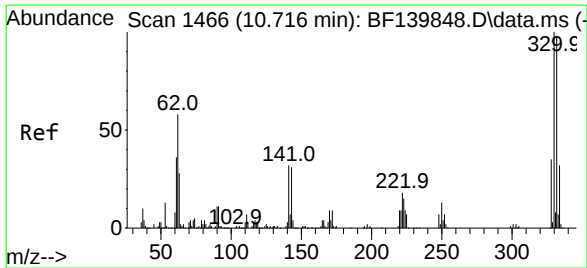
Tgt Ion: 82 Resp: 504817
Ion Ratio Lower Upper
82 100
128 41.3 33.4 50.0
54 59.4 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140205.D
Acq: 01 Nov 2024 11:40

Tgt Ion: 164 Resp: 258934
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 92.519 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF140205.D

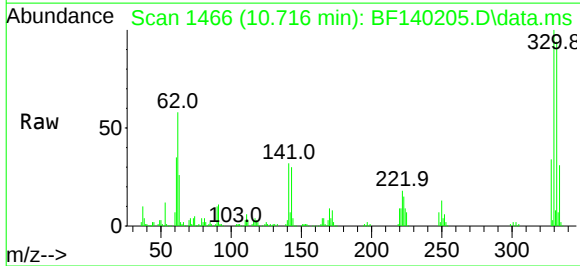
Acq: 01 Nov 2024 11:40

Instrument :

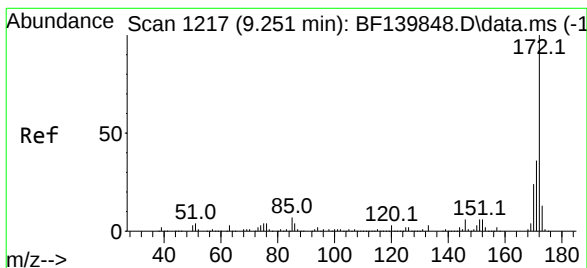
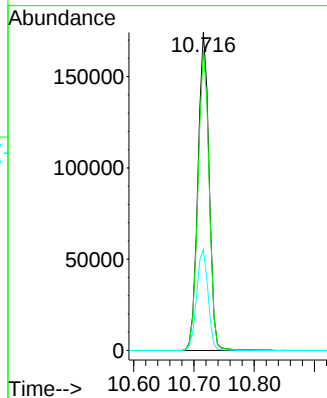
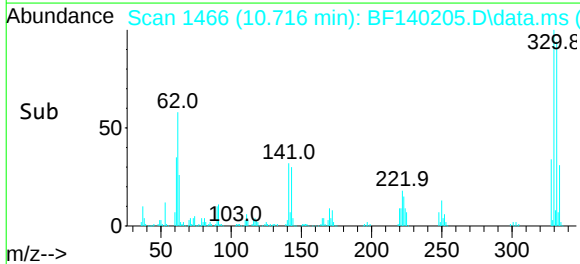
BNA_F

ClientSampleId :

BP-F8



Tgt Ion:	330	Resp:	224079
Ion Ratio	Lower	Upper	
330	100		
332	94.8	78.1	117.1
141	32.4	26.6	39.8



#45

2-Fluorobiphenyl

Concen: 56.467 ng

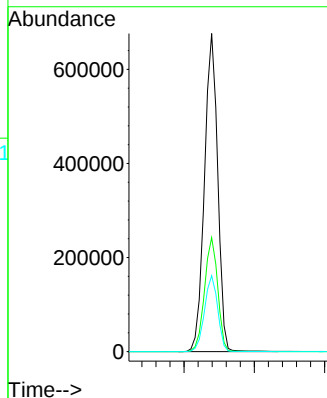
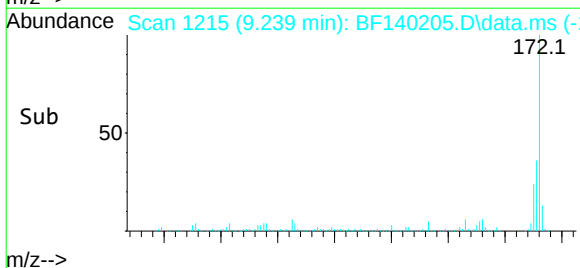
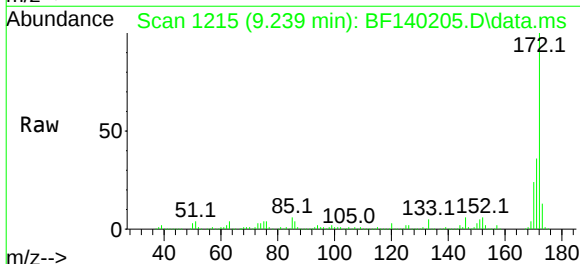
RT: 9.239 min Scan# 1215

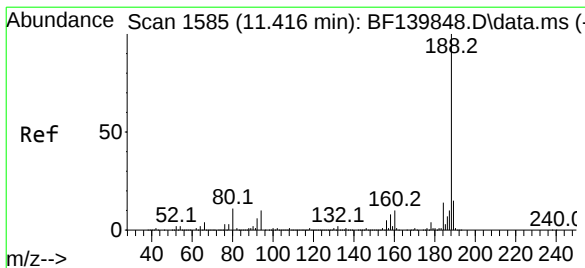
Delta R.T. -0.012 min

Lab File: BF140205.D

Acq: 01 Nov 2024 11:40

Tgt Ion:	172	Resp:	884684
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	43.0
170	23.9	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: BF140205.D

Acq: 01 Nov 2024 11:40

Instrument :

BNA_F

ClientSampleId :

BP-F8

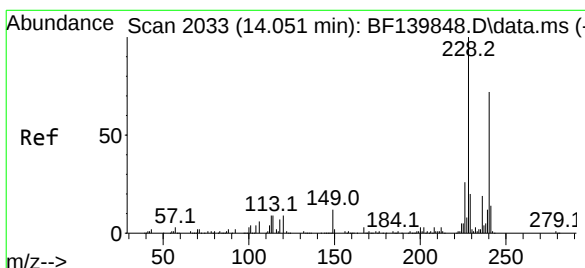
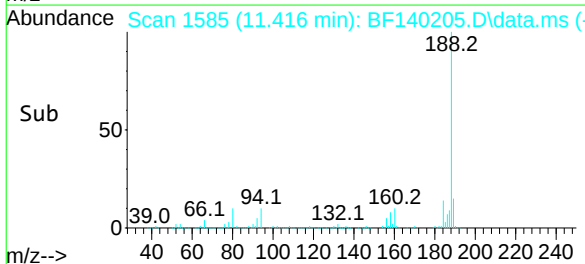
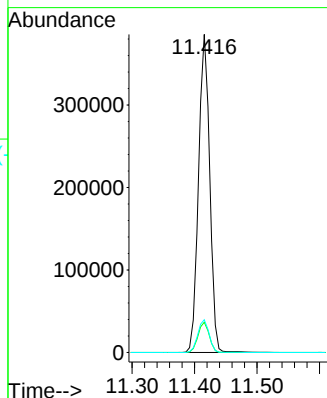
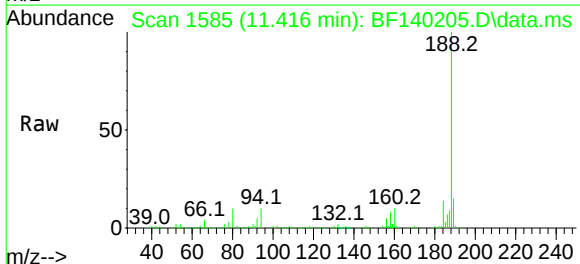
Tgt Ion:188 Resp: 480016

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.3 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: BF140205.D

Acq: 01 Nov 2024 11:40

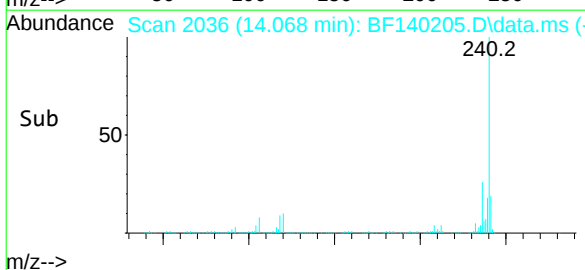
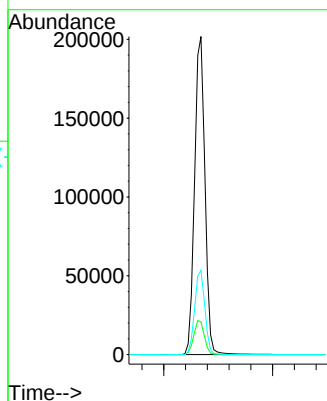
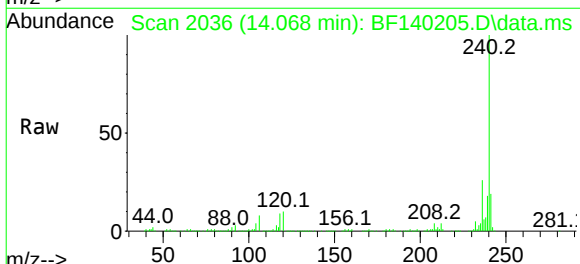
Tgt Ion:240 Resp: 267187

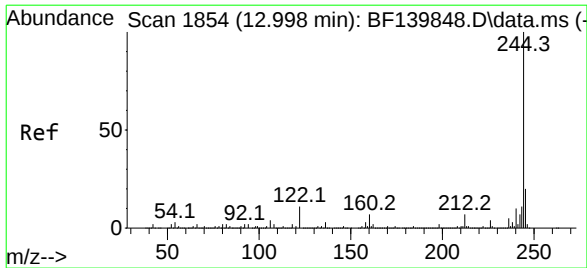
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 26.5 20.9 31.3





#79

Terphenyl-d14

Concen: 58.690 ng

RT: 13.010 min Scan# 18

Delta R.T. 0.012 min

Lab File: BF140205.D

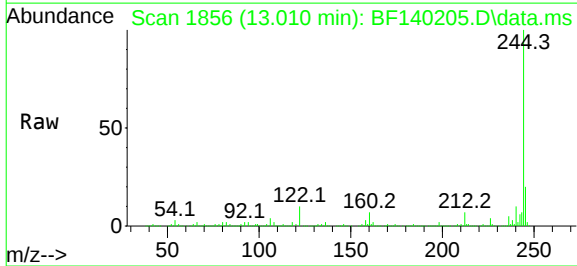
Acq: 01 Nov 2024 11:40

Instrument :

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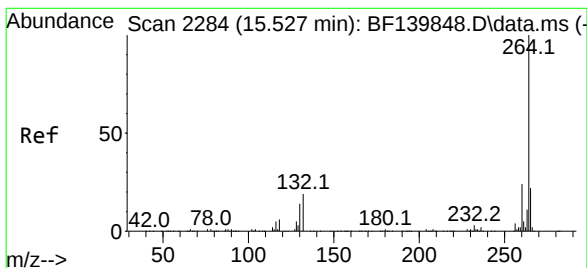
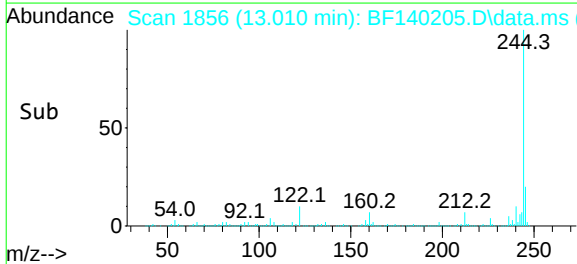
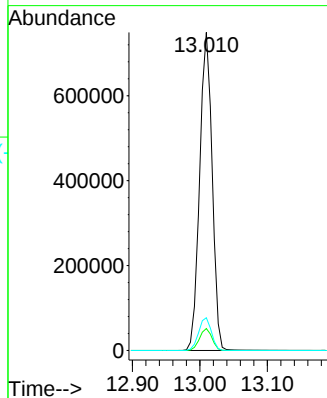
Tgt Ion:244 Resp: 962351

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.3 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: BF140205.D

Acq: 01 Nov 2024 11:40

Tgt Ion:264 Resp: 217568

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.1 17.4 26.0

