

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132346.D
 Acq On : 07 Feb 2023 16:01
 Operator : CG\JU
 Sample : 01466-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2

Quant Time: Feb 08 03:58:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

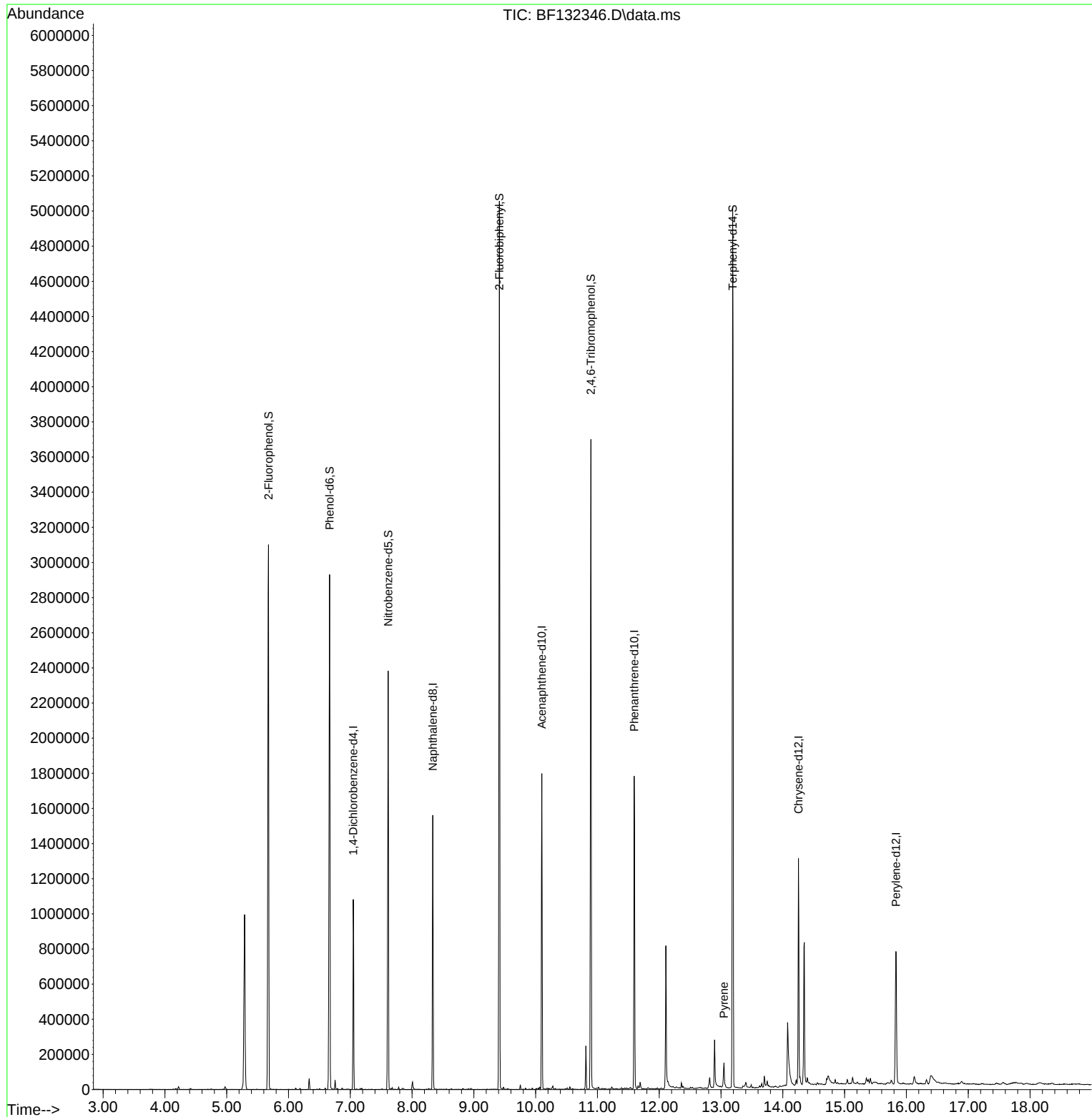
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	166776	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	638832	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	340820	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	651314	20.000	ng	0.00
76) Chrysene-d12	14.254	240	402574	20.000	ng	-0.01
86) Perylene-d12	15.830	264	361204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1087961	104.858	ng	0.01
7) Phenol-d6	6.666	99	1345052	105.152	ng	0.00
23) Nitrobenzene-d5	7.613	82	799989	69.685	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	480607	137.126	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1531088	69.373	ng	0.00
79) Terphenyl-d14	13.189	244	1835450	88.195	ng	0.00
Target Compounds						
78) Pyrene	13.048	202	69140	2.135	ng	Qvalue 99

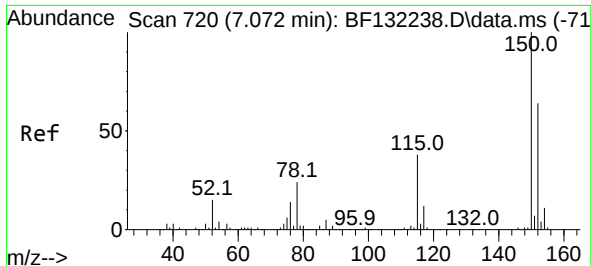
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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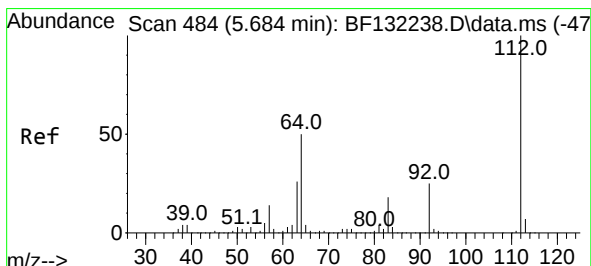
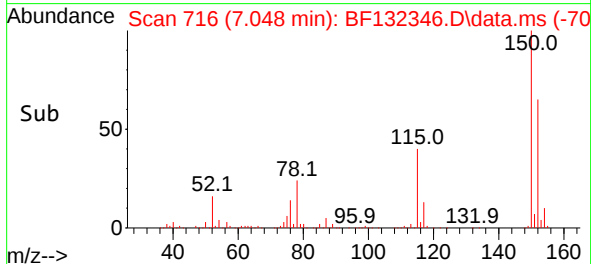
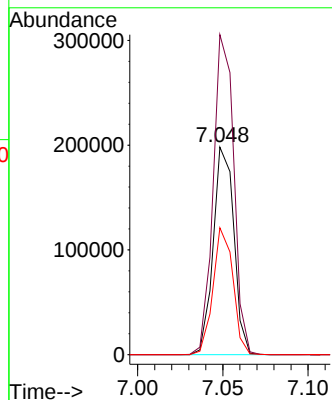
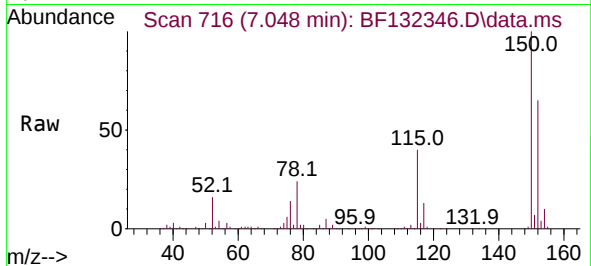




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.048 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

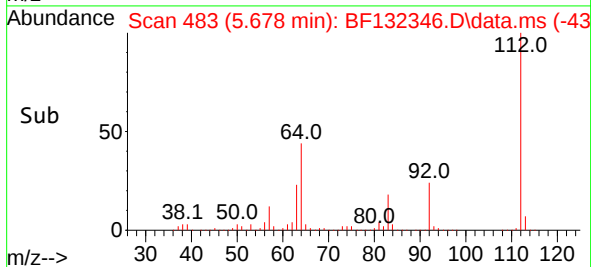
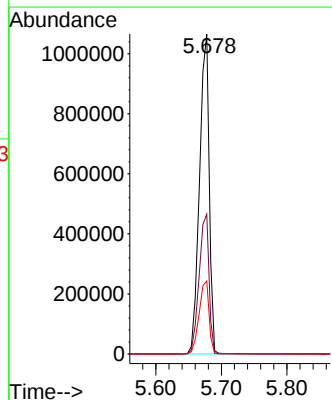
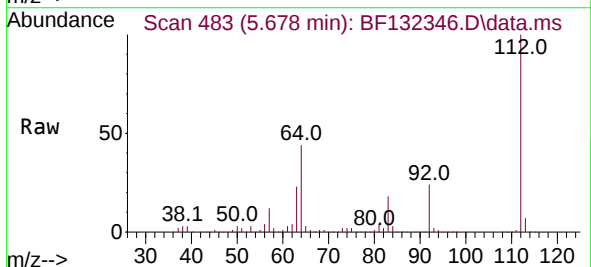
Instrument :
BNA_F
ClientSampleId :
A-2

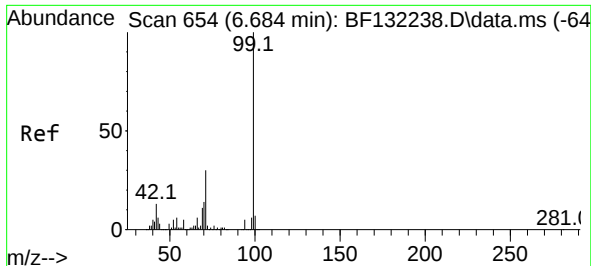
Tgt Ion:152 Resp: 166776
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.2
115 61.2 47.3 70.9



#5
2-Fluorophenol
Concen: 104.858 ng
RT: 5.678 min Scan# 483
Delta R.T. 0.012 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:112 Resp: 1087961
Ion Ratio Lower Upper
112 100
64 43.7 40.0 60.0
63 22.8 20.5 30.7

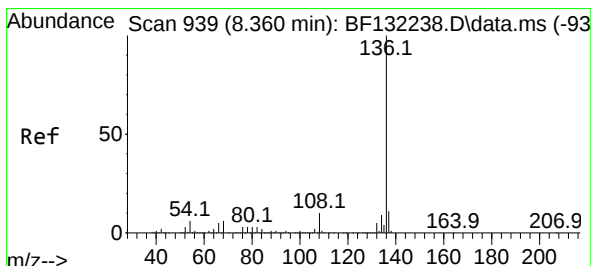
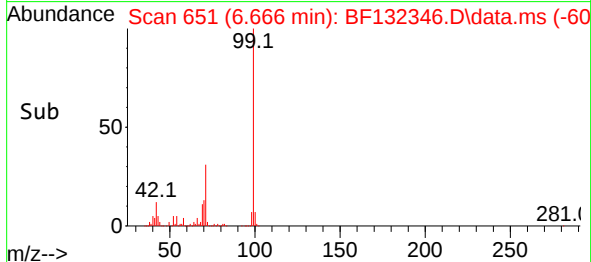
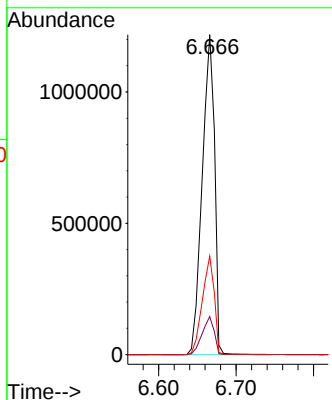
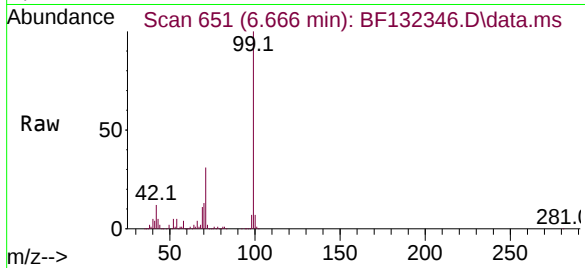




#7
Phenol-d6
Concen: 105.152 ng
RT: 6.666 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

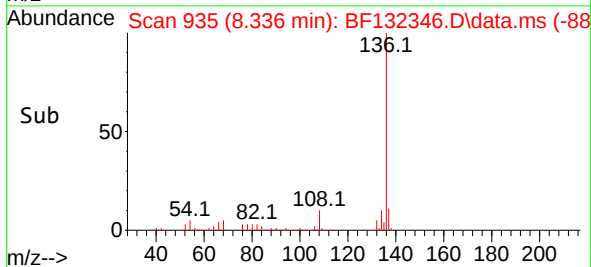
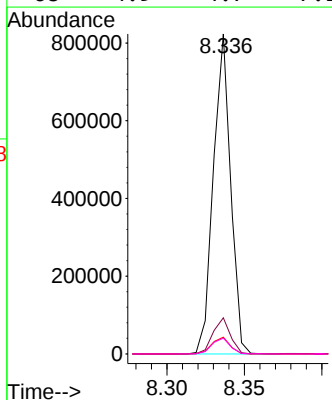
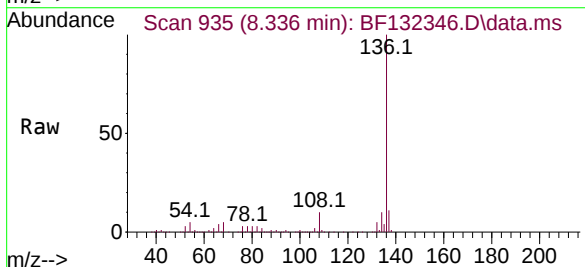
Instrument :
BNA_F
ClientSampleId :
A-2

Tgt Ion: 99 Resp: 1345052
Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 30.8 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:136 Resp: 638832
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.2 4.9 7.3
68 4.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 69.685 ng

RT: 7.613 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132346.D

Acq: 07 Feb 2023 16:01

Instrument :

BNA_F

ClientSampleId :

A-2

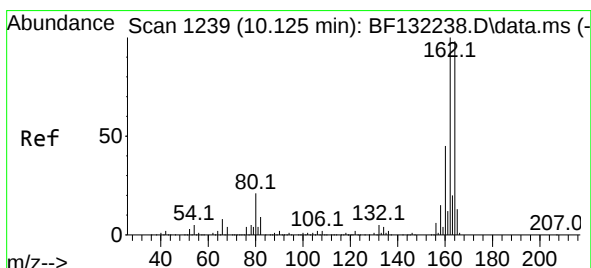
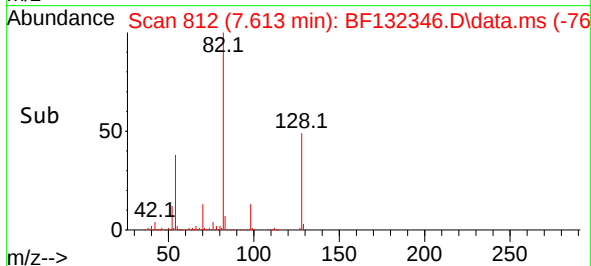
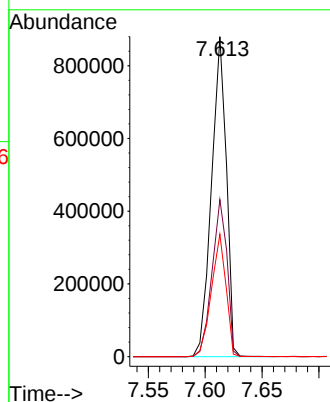
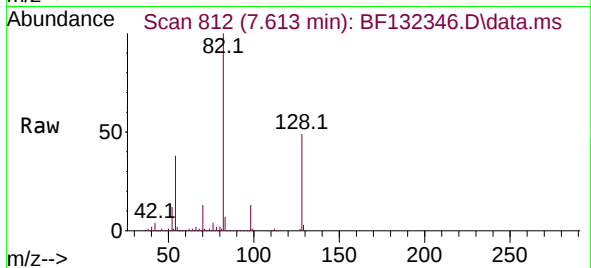
Tgt Ion: 82 Resp: 799989

Ion Ratio Lower Upper

82 100

128 49.1 37.0 55.4

54 38.2 31.5 47.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.101 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF132346.D

Acq: 07 Feb 2023 16:01

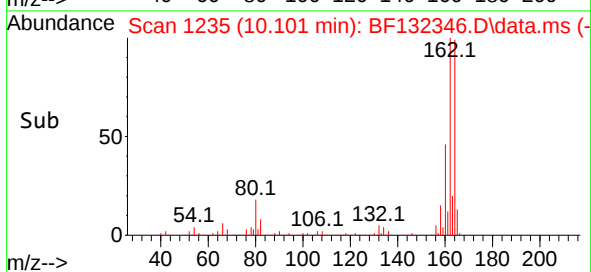
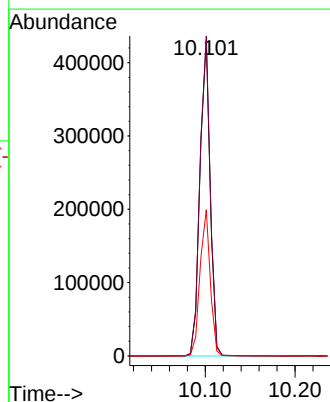
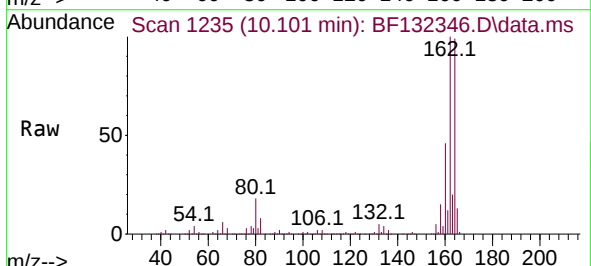
Tgt Ion: 164 Resp: 340820

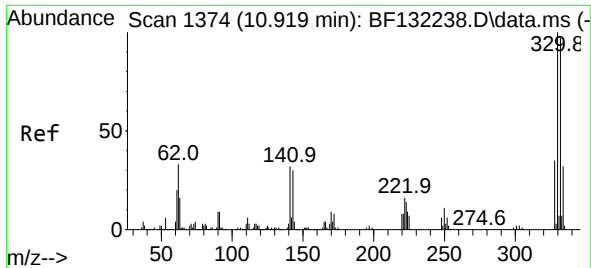
Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

160 46.3 37.1 55.7

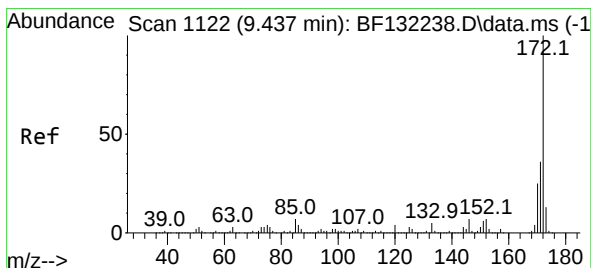
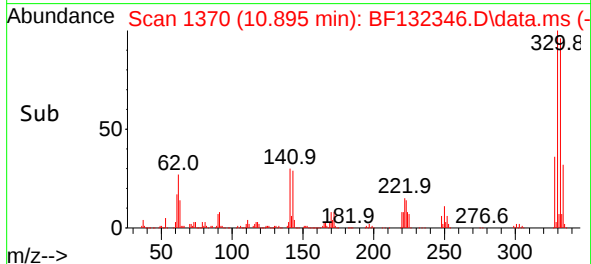
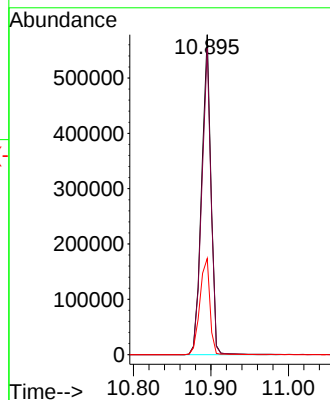
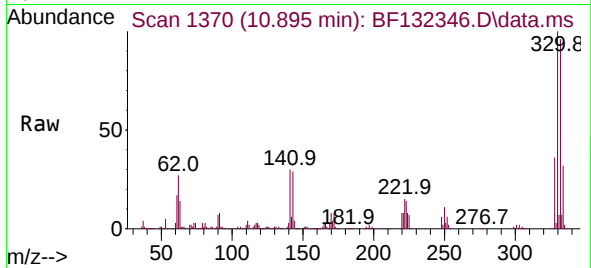




#42
2,4,6-Tribromophenol
Concen: 137.126 ng
RT: 10.895 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

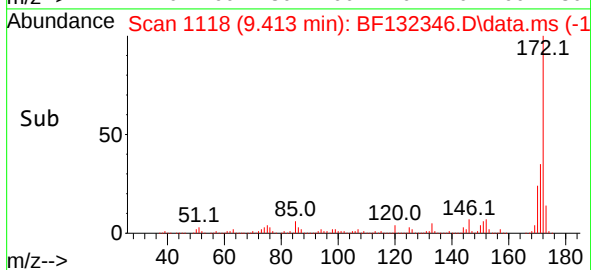
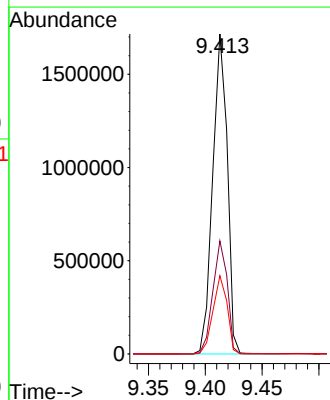
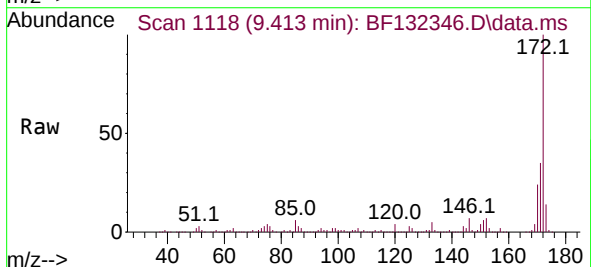
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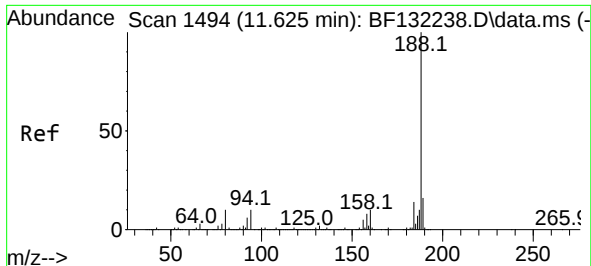
Tgt Ion:330 Resp: 480607
Ion Ratio Lower Upper
330 100
332 95.7 77.9 116.9
141 32.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 69.373 ng
RT: 9.413 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:172 Resp: 1531088
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.4 19.7 29.5

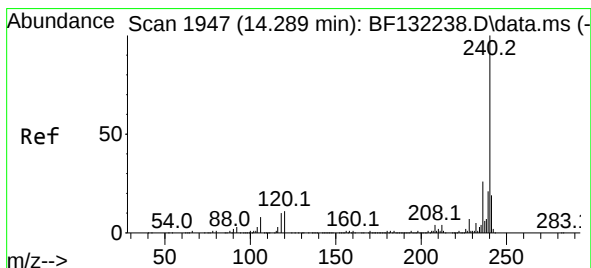
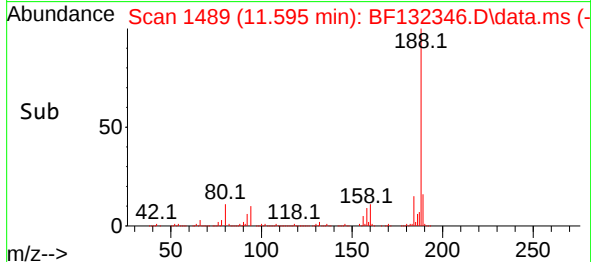
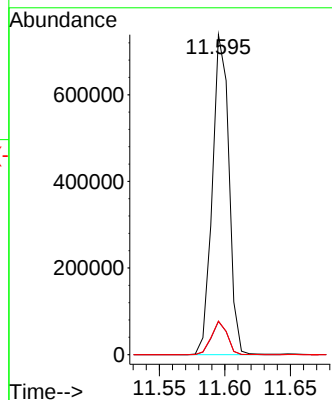
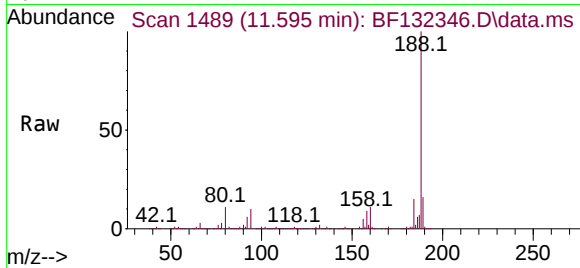




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.595 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

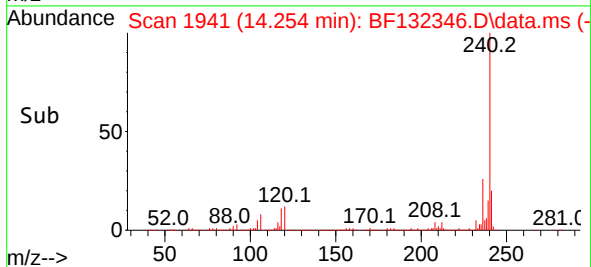
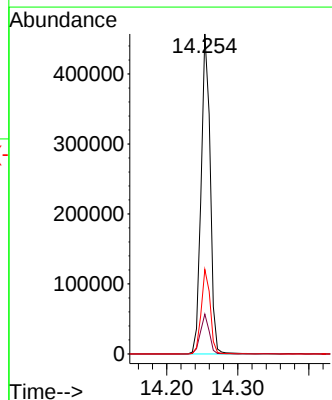
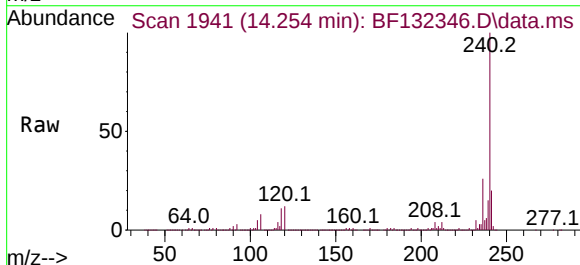
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A-2

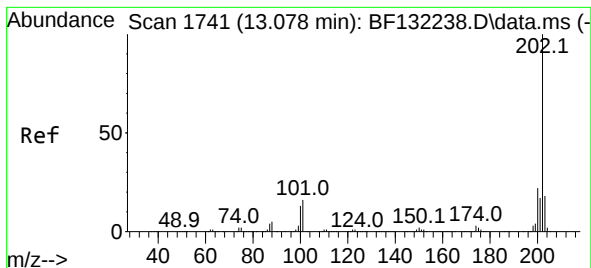
Tgt Ion:188 Resp: 651314
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.5 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.012 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Tgt Ion:240 Resp: 402574
Ion Ratio Lower Upper
240 100
120 12.4 8.8 13.2
236 26.4 21.0 31.6





#78

Pyrene

Concen: 2.135 ng

RT: 13.048 min Scan# 1736

Delta R.T. -0.012 min

Lab File: BF132346.D

Acq: 07 Feb 2023 16:01

Instrument :

BNA_F

ClientSampleId :

A-2

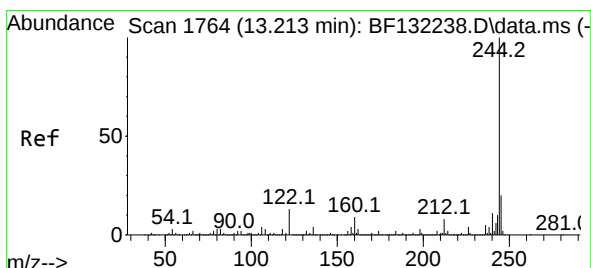
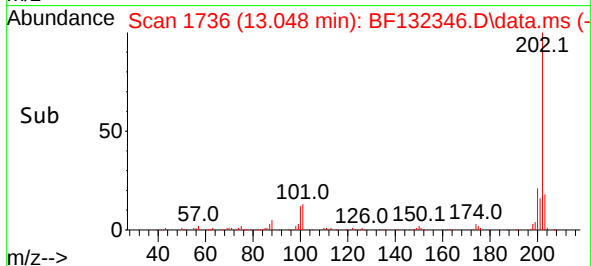
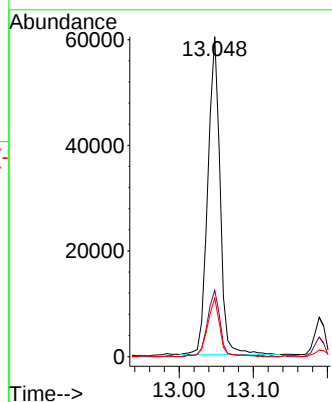
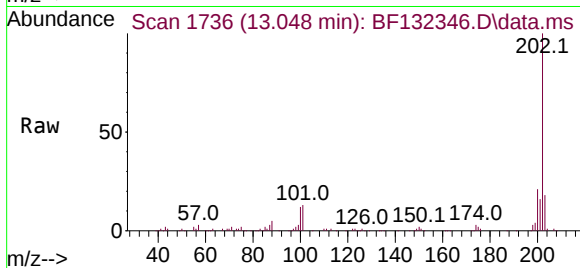
Tgt Ion:202 Resp: 69140

Ion Ratio Lower Upper

202 100

200 20.7 17.3 25.9

203 18.2 14.4 21.6



#79

Terphenyl-d14

Concen: 88.195 ng

RT: 13.189 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BF132346.D

Acq: 07 Feb 2023 16:01

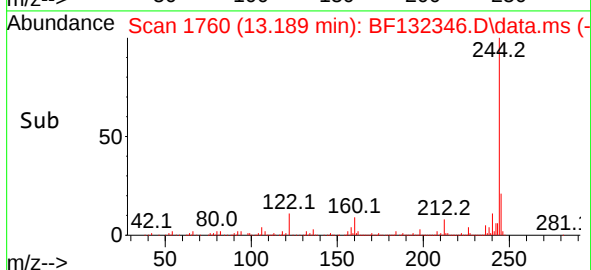
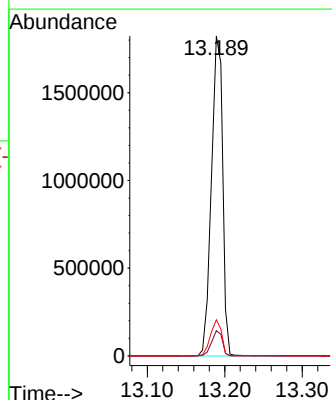
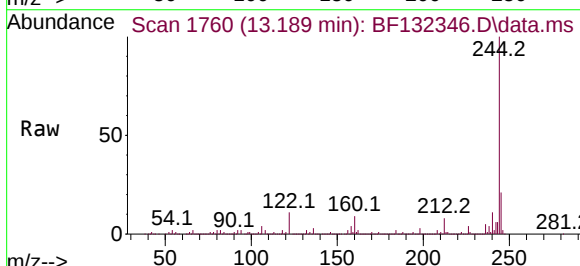
Tgt Ion:244 Resp: 1835450

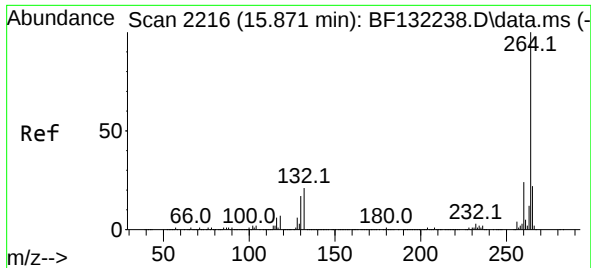
Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

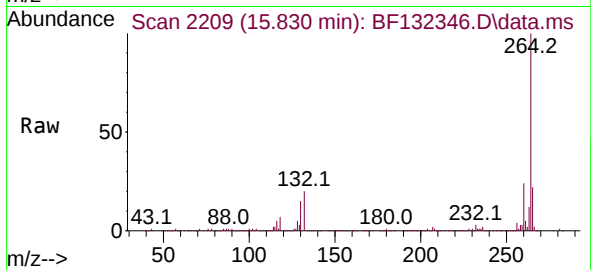
122 11.3 10.5 15.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.830 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132346.D
Acq: 07 Feb 2023 16:01

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 361204
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 22.0 17.4 26.2

