

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118854.D
 Acq On : 7 Feb 2020 16:55
 Operator : CG/JU
 Sample : L1434-02 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
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mohammad
 2/11/2020 8:26:44 AM

Quant Time: Feb 08 05:05:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178842	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	663149	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	339330	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	548532	20.00	ng	0.00
76) Chrysene-d12	13.98	240	490310	20.00	ng	0.00
87) Perylene-d12	15.42	264	508531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	222989	23.60	ng	0.00
7) Phenol-d6	6.51	99	168569m	14.37	ng	0.06
23) Nitrobenzene-d5	7.37	82	498330	44.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	180145	44.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1041958	54.89	ng	-0.01
79) Terphenyl-d14	12.97	244	898140	37.63	ng	0.04
Target Compounds						
32) Benzoic acid	7.92	122	166726m	25.030	ng	Qvalue

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

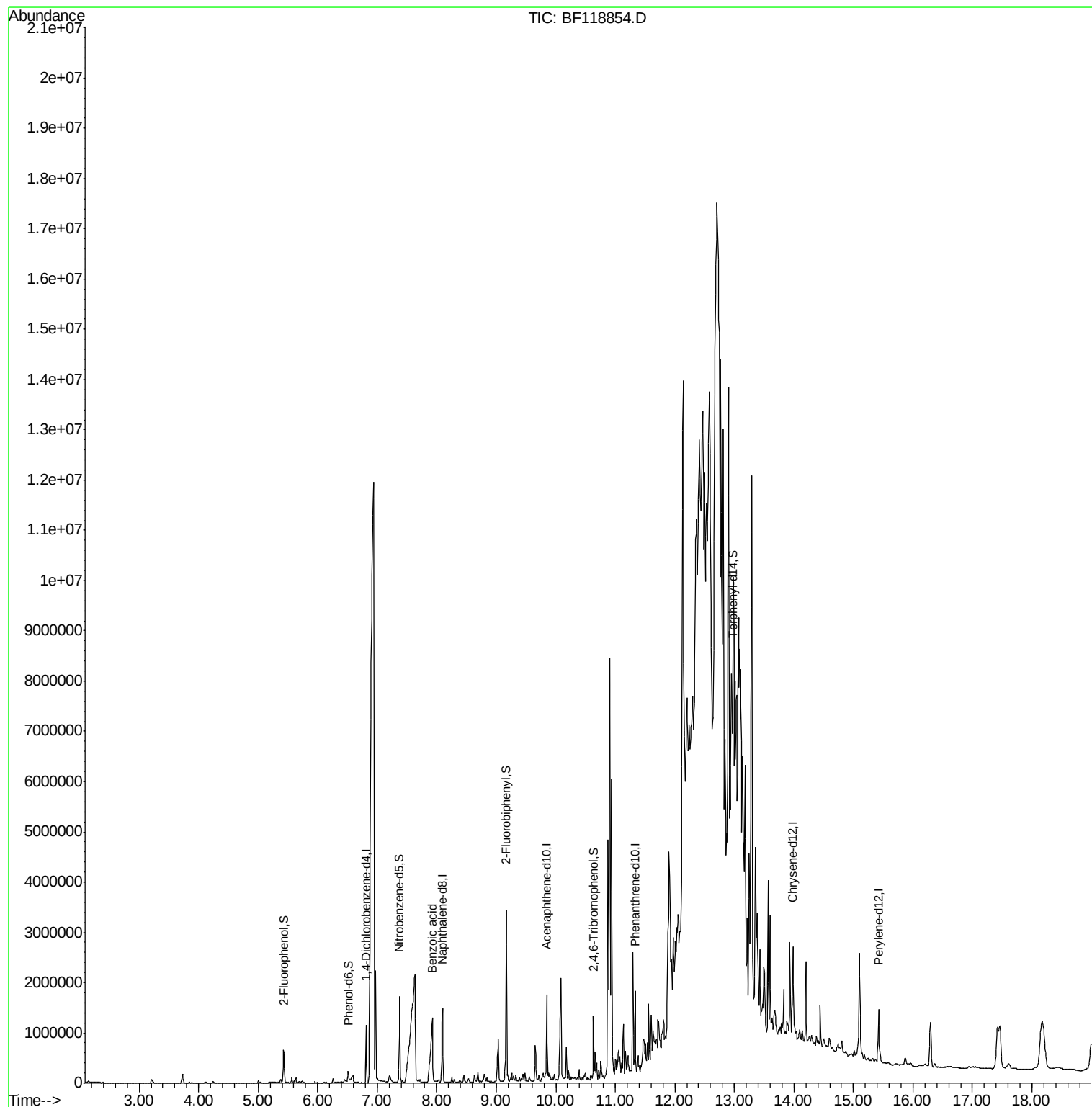
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118854.D
Acq On : 7 Feb 2020 16:55
Operator : CG/JU
Sample : L1434-02 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

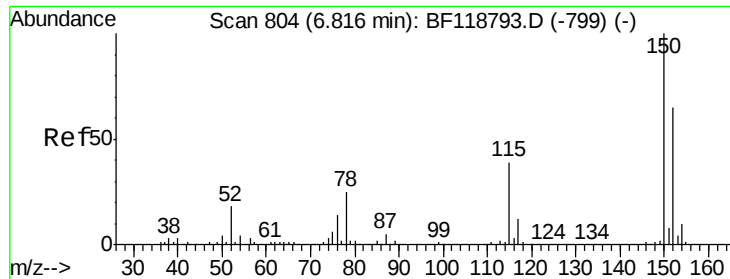
Instrument :
BNA_F
ClientSampleId :
EFF-WW

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Quant Time: Feb 08 05:05:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
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#1

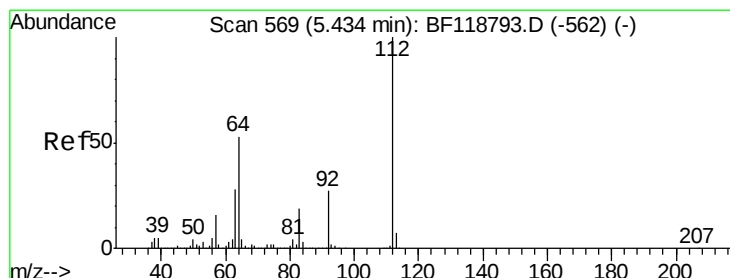
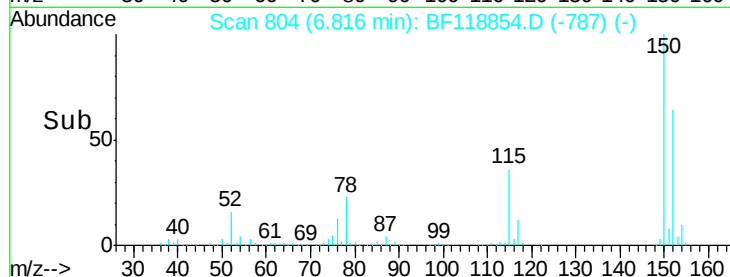
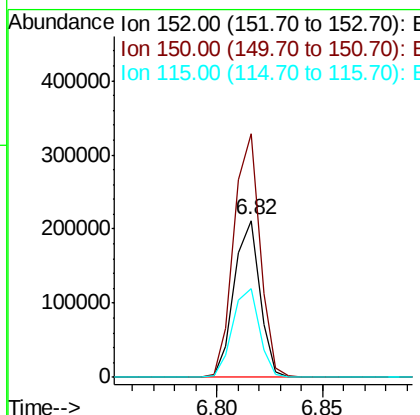
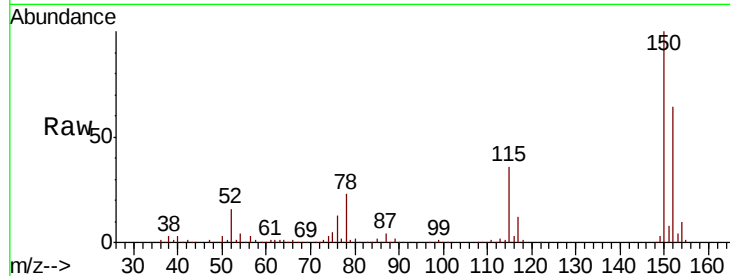
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.6	185.4
115	56.3	48.2	72.2

Manual Integrations
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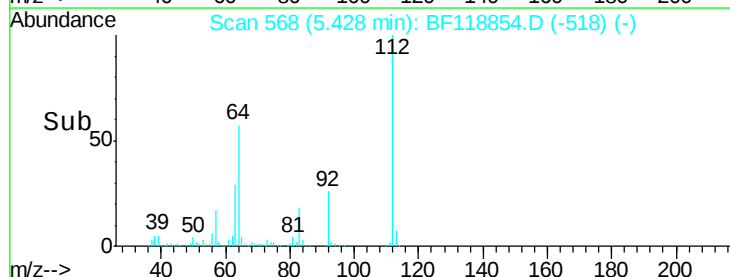
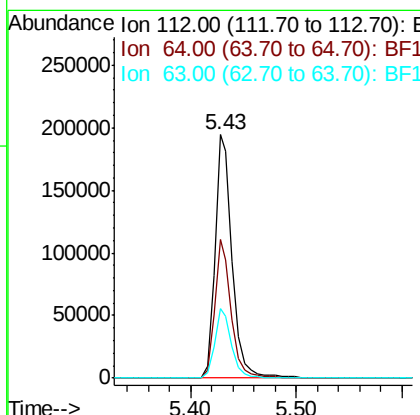
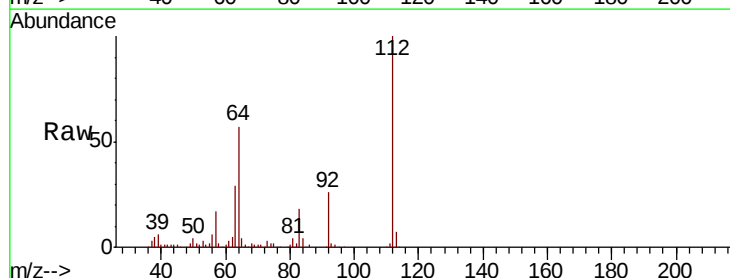
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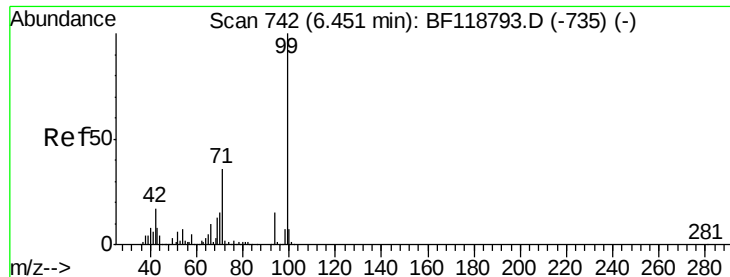


#5

2-Fluorophenol
Concen: 23.602 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	42.6	63.8
63	28.7	22.2	33.4





#7

Phenol-d6

Concen: 14.373 ng/mL

RT: 6.51 min Scan# 752

Delta R.T. 0.06 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tot Ion: 99 Resp: 168569

Ion Ratio Lower Upper

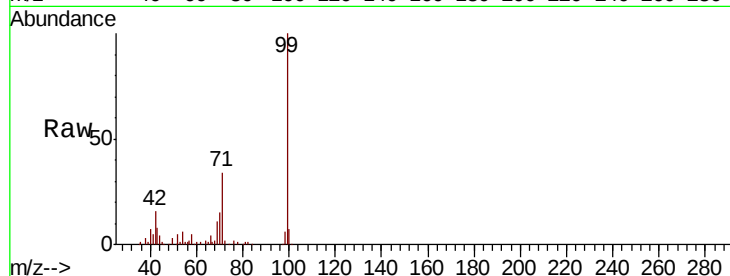
99 100

42 15.8 13.4 20.0

71 33.5 29.0 43.6

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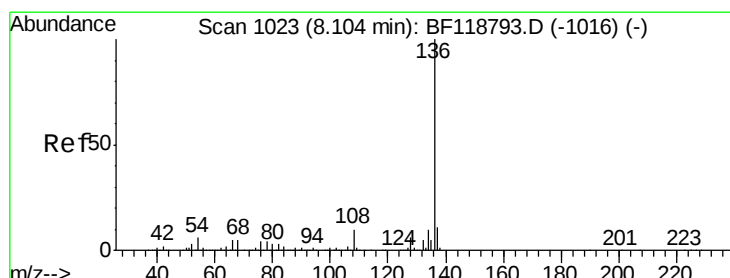
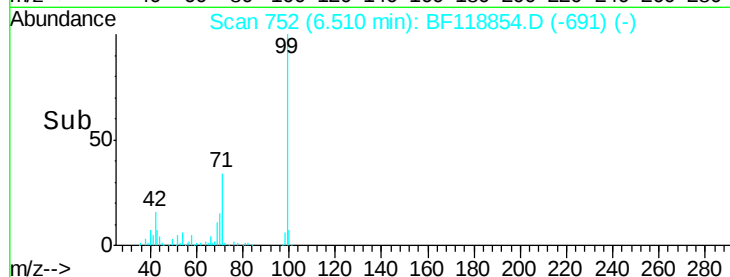
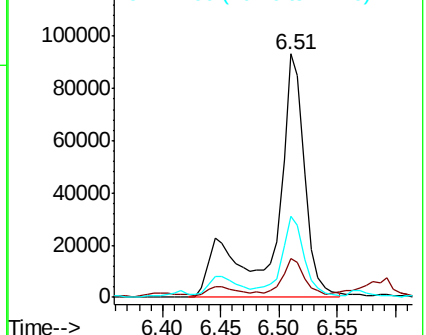


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Tgt Ion: 136 Resp: 663149

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.1 5.0 7.6

68 5.4 4.2 6.4

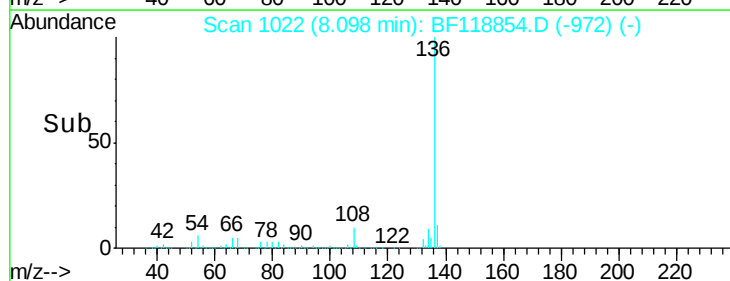
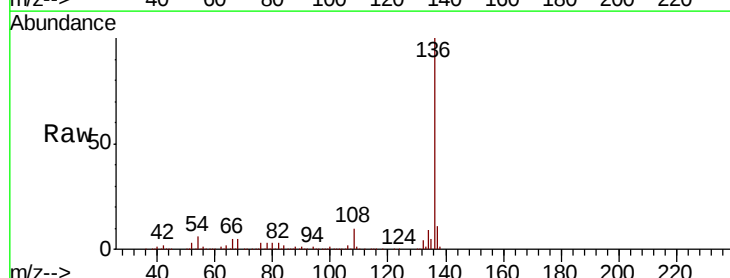
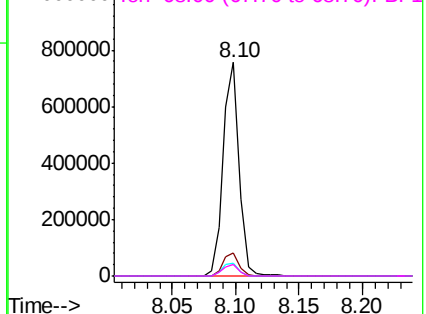
Abundance

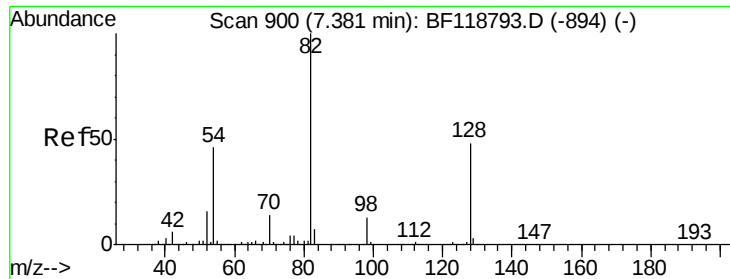
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





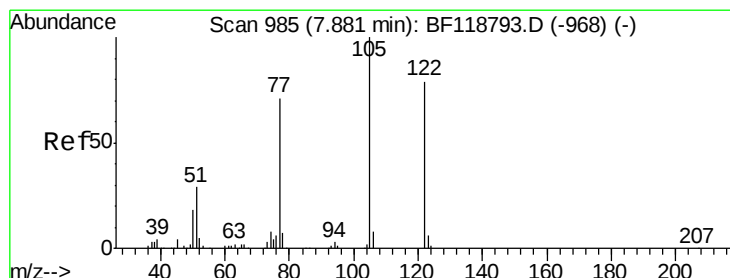
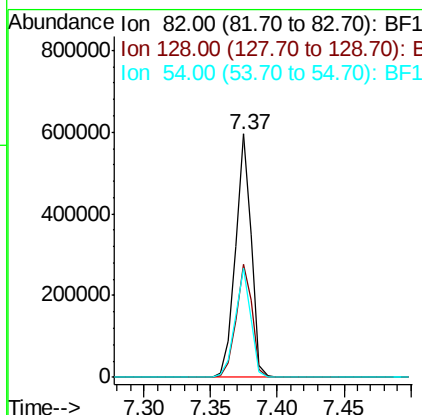
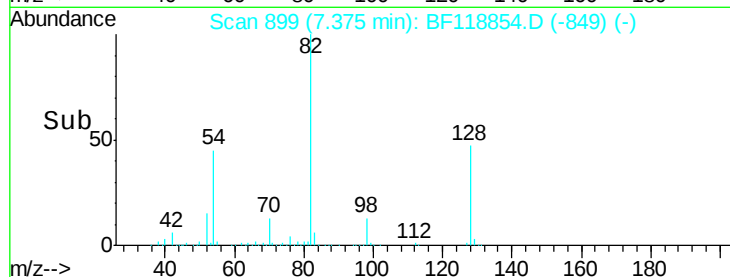
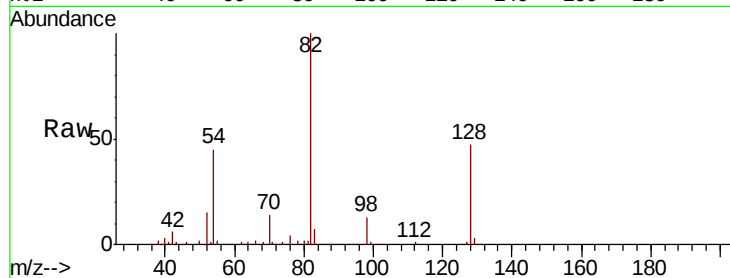
#23
Nitrobenzene-d5
Concen: 44.791 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Resp	Lower	Upper
82	100	498330		
128	46.6		38.5	57.7
54	44.7		36.7	55.1

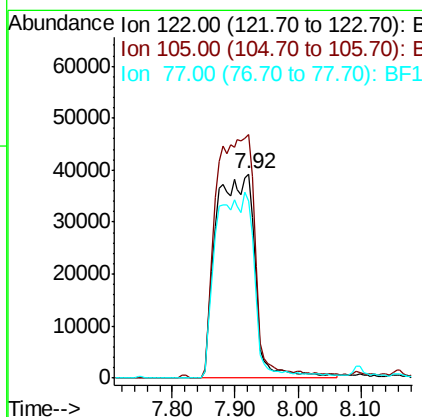
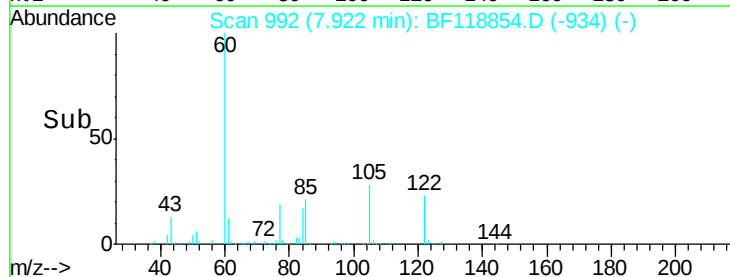
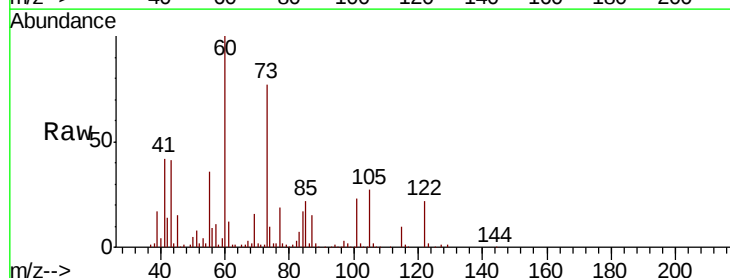
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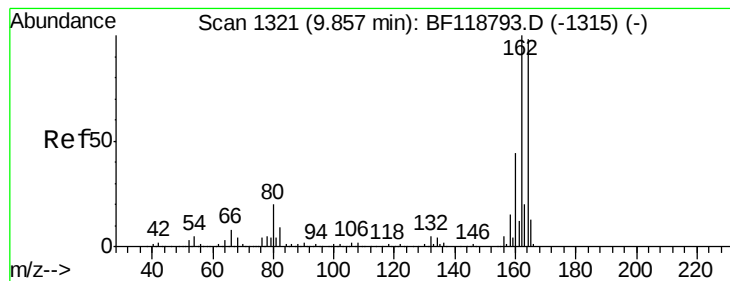
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#32
Benzoic acid
Concen: 25.030 ng m
RT: 7.92 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	166726		
105	119.3		104.4	144.4
77	86.8		69.3	109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Instrument :

BNA_F

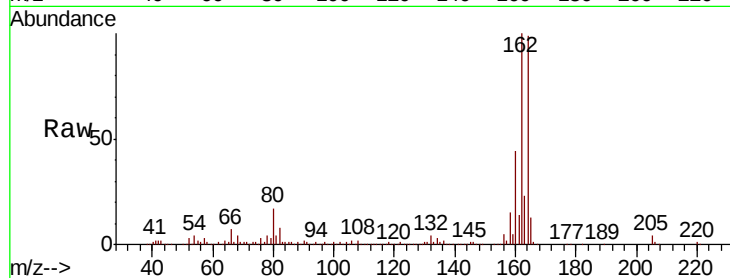
ClientSampled :

EFF-WW

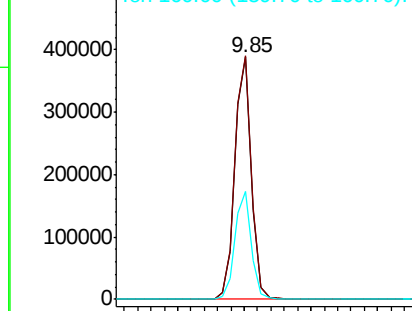
Tot Ion:	164	Resp:	339330
Ion Ratio	Lower	Upper	
164	100		
162	100.6	81.4	122.2
160	44.3	35.6	53.4

Manual Integrations
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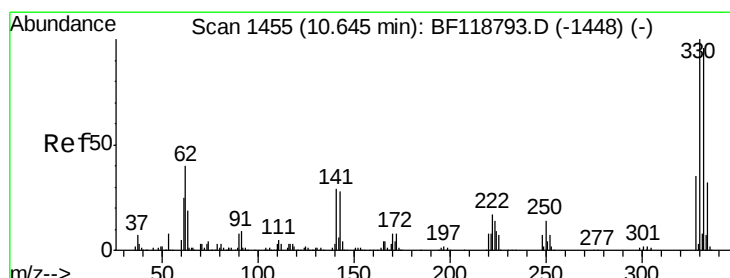
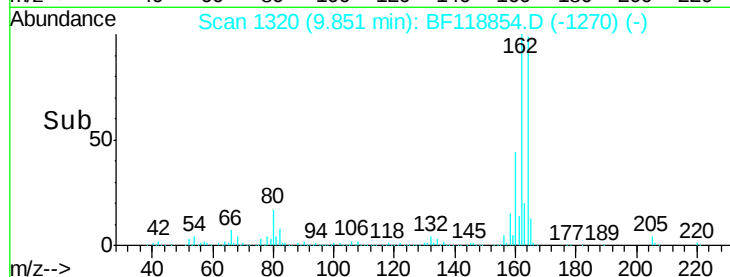
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 44.369 ng

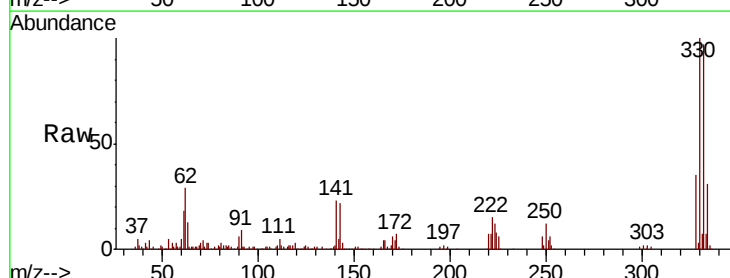
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

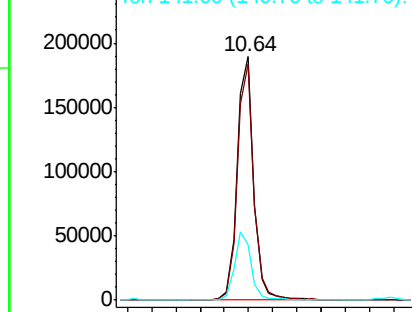
Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

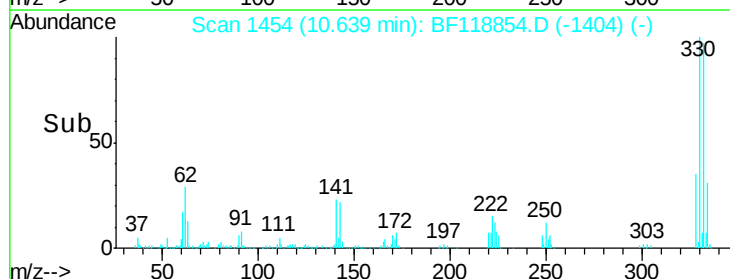
Tgt Ion:	330	Resp:	180145
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.3	115.9
141	27.5	22.4	33.6

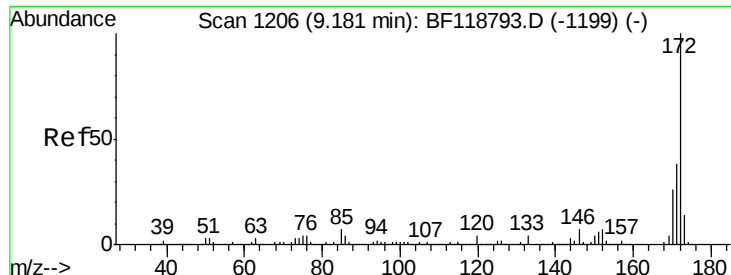


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->





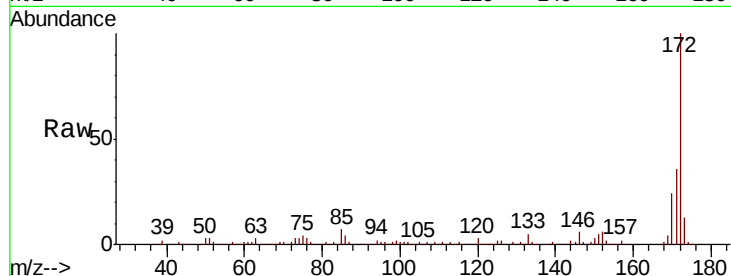
#45
2-Fluorobiphenyl
Concen: 54.894 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.1	30.8	46.2	
170	23.6	20.5	30.7	

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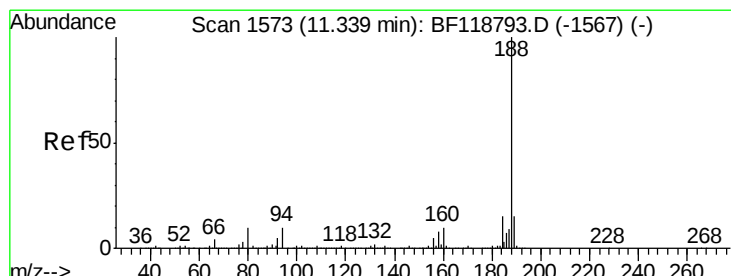
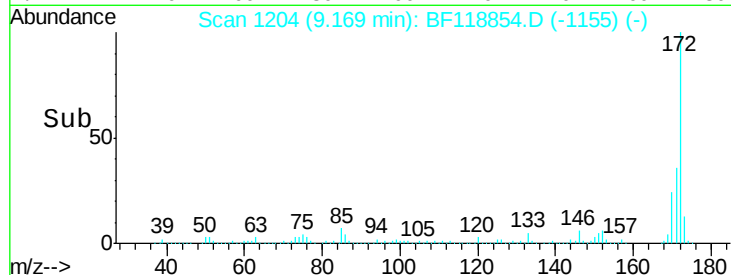
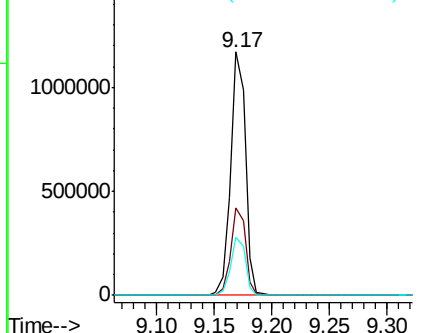


Abundance

Ion 172.00 (171.70 to 172.70): E

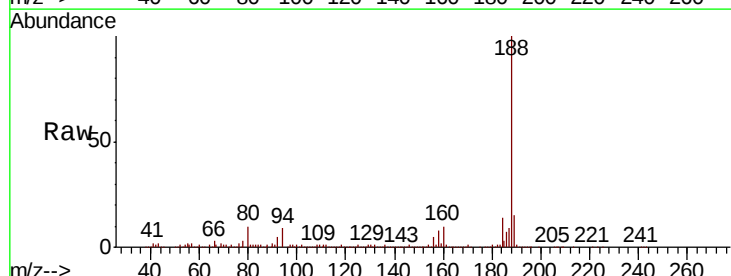
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.9	11.9	
80	10.0	8.4	12.6	

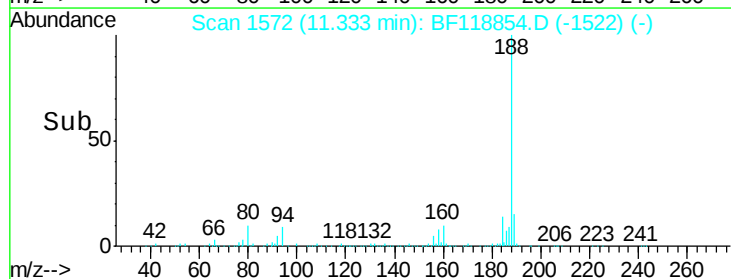
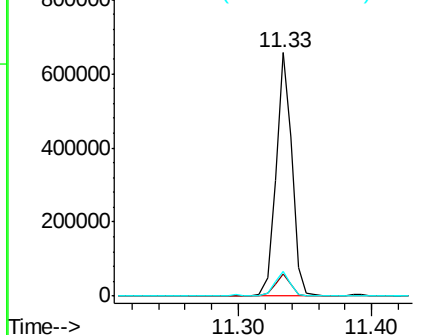


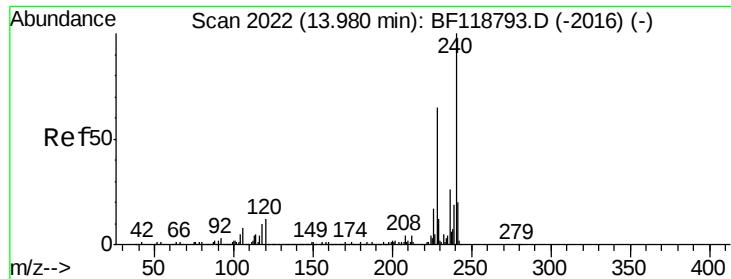
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Instrument :

BNA_F

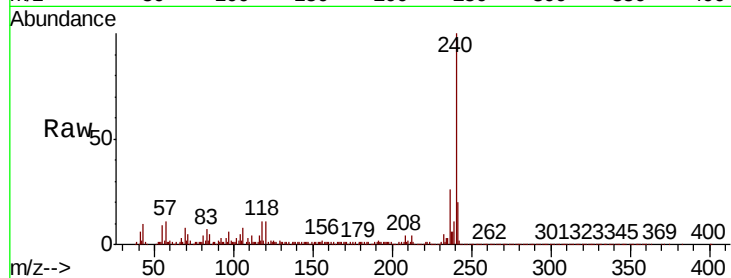
ClientSampleId :

EFF-WW

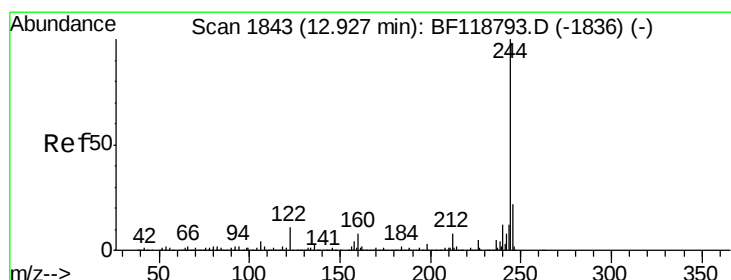
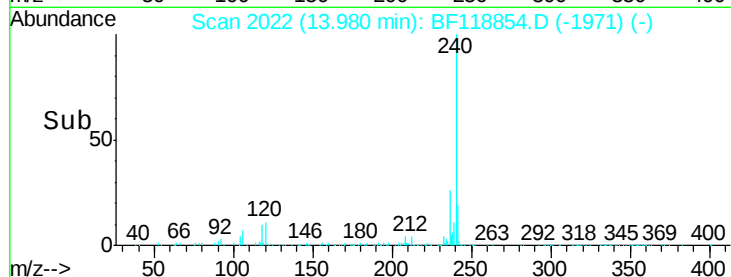
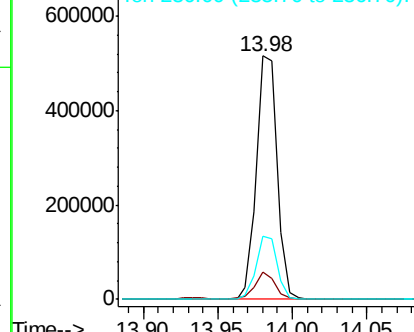
Tot Ion:	240	Resp:	490310
Ion Ratio		Lower	Upper
240	100		
120	11.1	9.4	14.0
236	25.9	21.0	31.6

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 37.626 ng

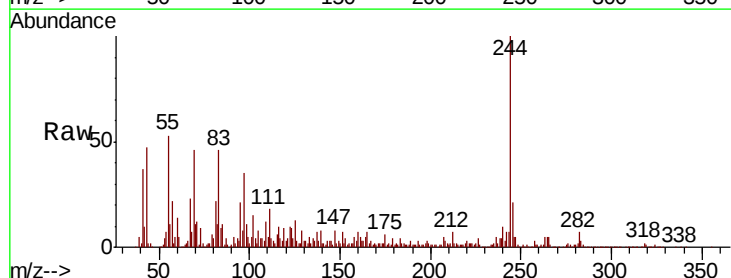
RT: 12.97 min Scan# 1850

Delta R.T. 0.04 min

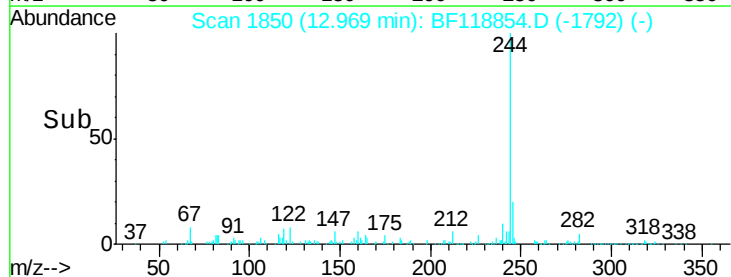
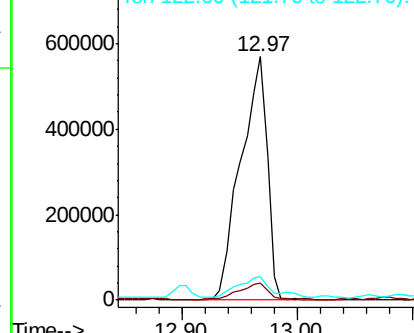
Lab File: BF118854.D

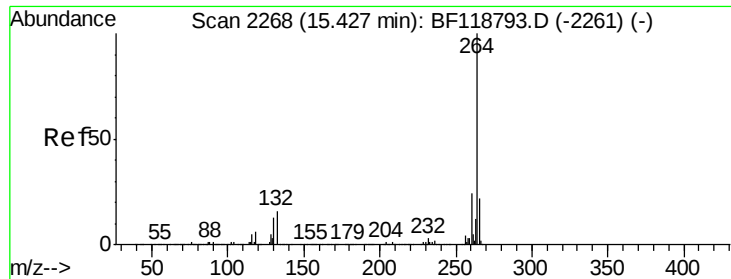
Acq: 7 Feb 2020 16:55

Tgt Ion:	244	Resp:	898140
Ion Ratio		Lower	Upper
244	100		
212	7.0	6.5	9.7
122	9.6	8.9	13.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.9	19.1	28.7
265	22.2	17.2	25.8

Manual Integrations
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2/11/2020 8:26:44 AM

