

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118285.D
 Acq On : 19 Dec 2019 18:01
 Operator : JU
 Sample : K6317-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1

Manual Integrations
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Sohil
 12/20/2019 4:26:20 PM

Quant Time: Dec 20 04:07:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	100716	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	389340	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	207362	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	410284	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	325745	20.00	ng	-0.02
87) Perylene-d12	15.54	264	307357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	763541	132.78	ng	0.00
7) Phenol-d6	6.49	99	878068	126.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	622083	89.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	371817	147.60	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1272817	93.40	ng	-0.02
79) Terphenyl-d14	12.99	244	1730457	91.35	ng	-0.01
Target Compounds						
77) Benzidine	12.74	184	105028	12.248	ng	Qvalue 97

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

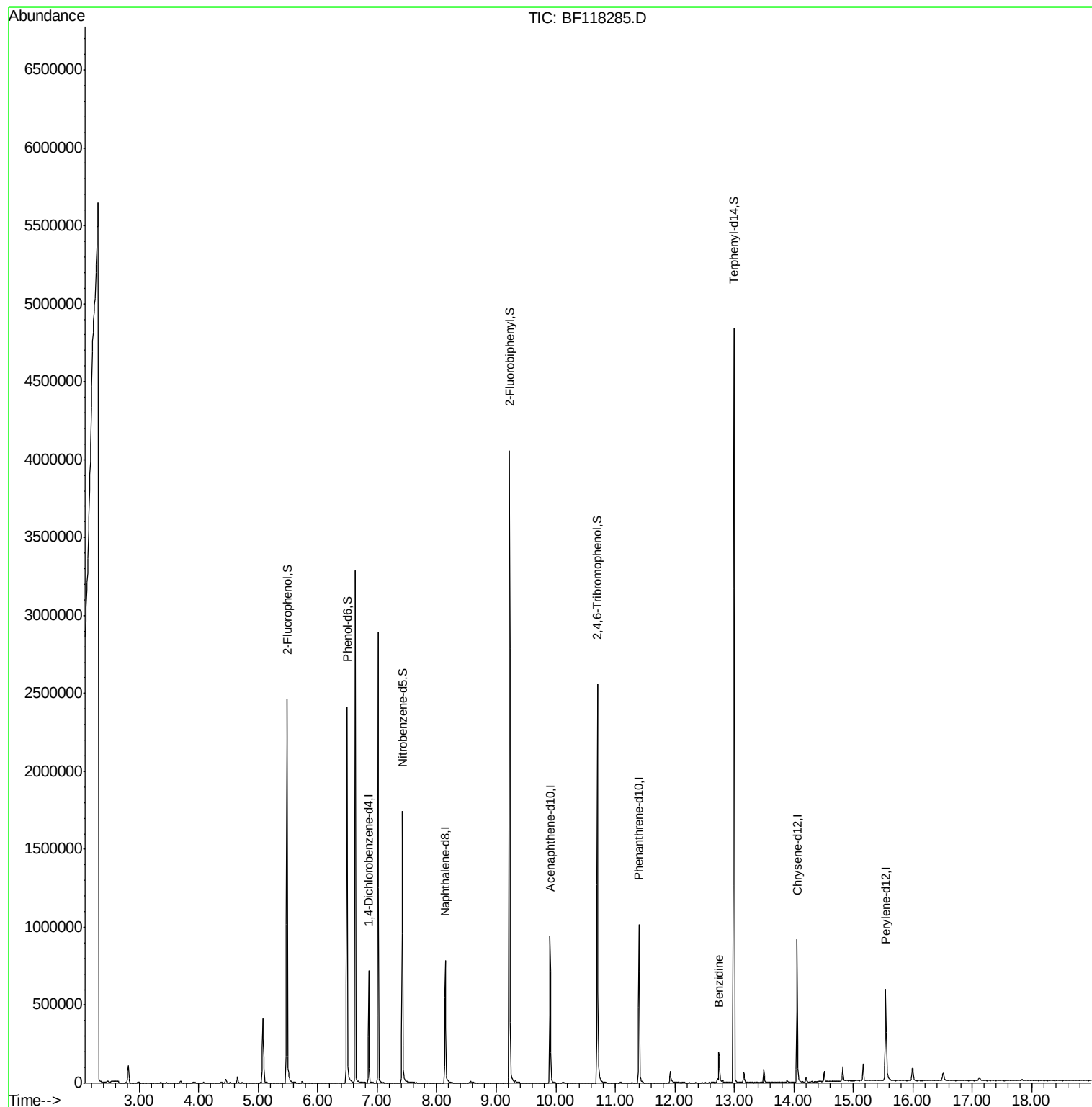
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118285.D
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ALS Vial : 12 Sample Multiplier: 1

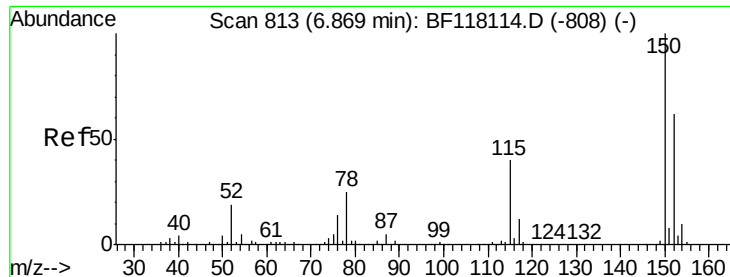
Instrument :
BNA_F
ClientSampleId :
178K-WC1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
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#1

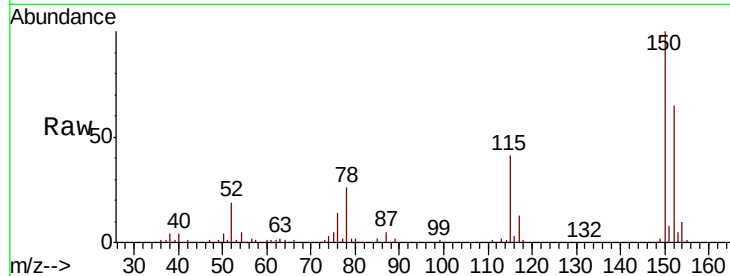
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
178K-WC1

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	128.3	192.5
115	62.6	51.1	76.7

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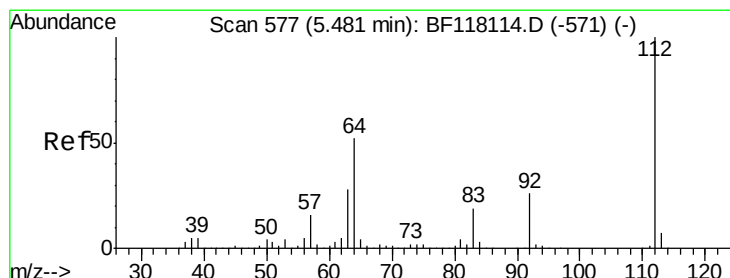
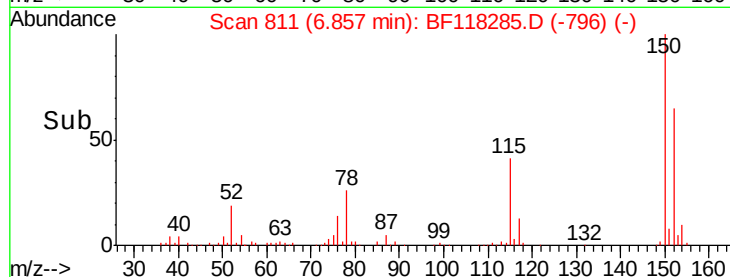
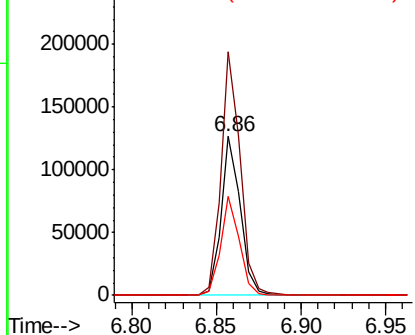


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

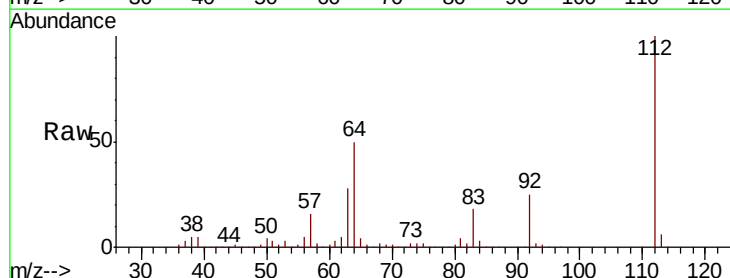
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.781 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	41.3	61.9
63	28.1	22.4	33.6

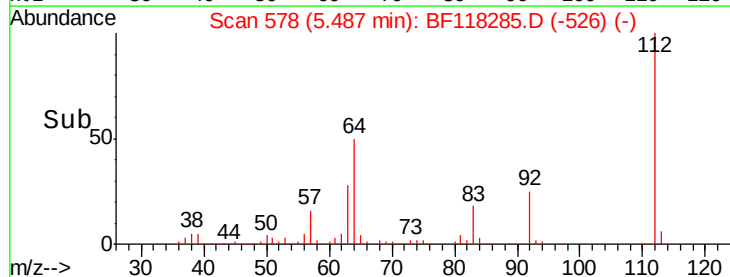
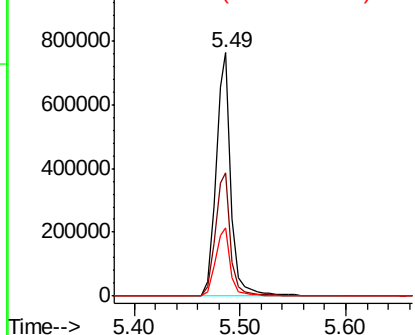


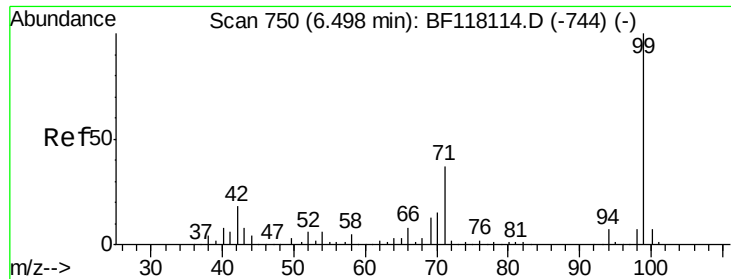
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.245 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118285.D

Acq: 19 Dec 2019 18:01

Instrument :

BNA_F

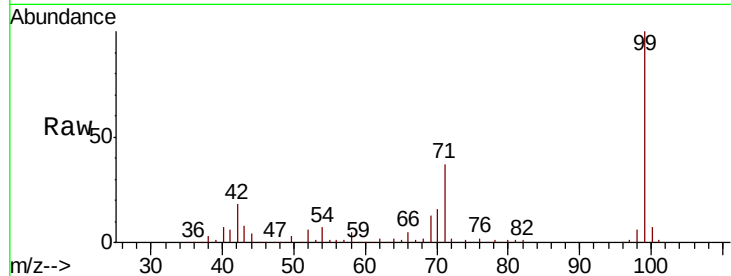
ClientSampled :

178K-WC1

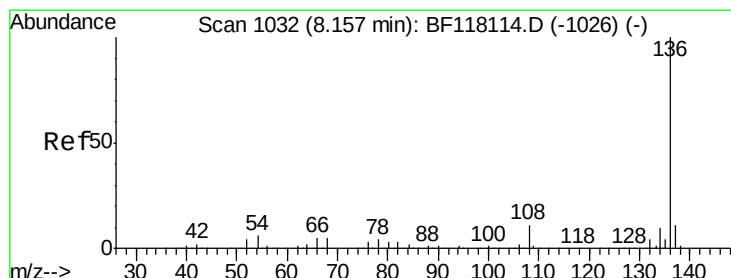
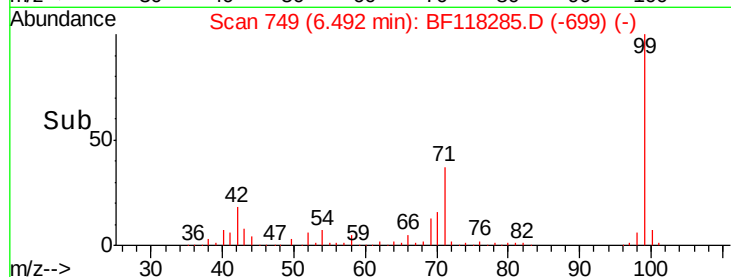
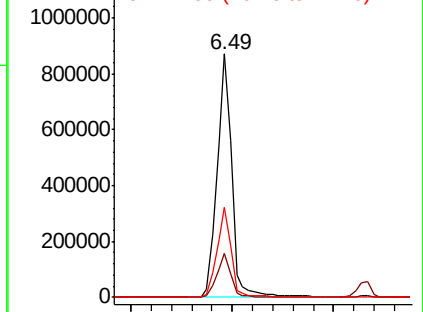
Tot Ion:	99	Resp:	878068
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.1	21.1
71	36.8	29.7	44.5

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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: 8.15 min Scan# 1030

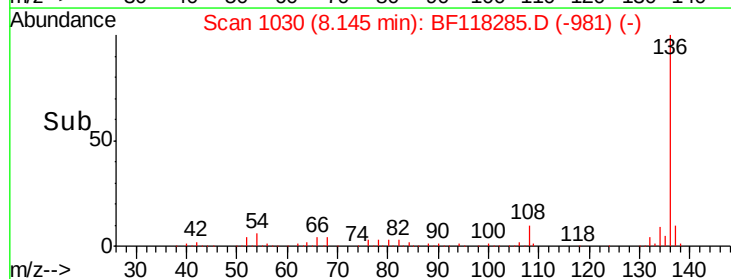
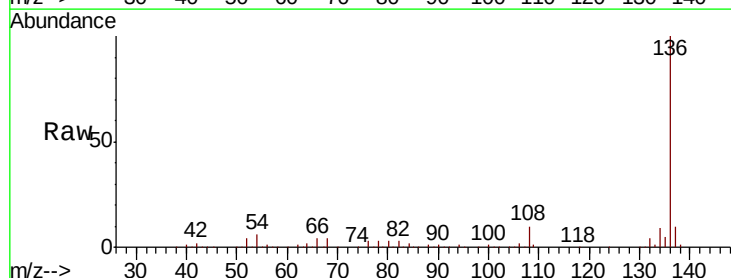
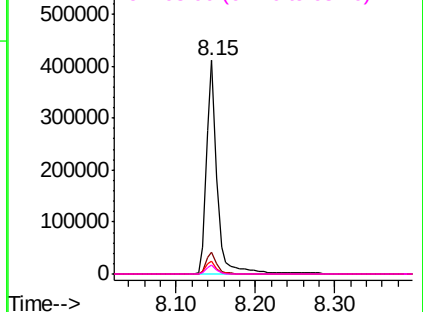
Delta R.T. -0.01 min

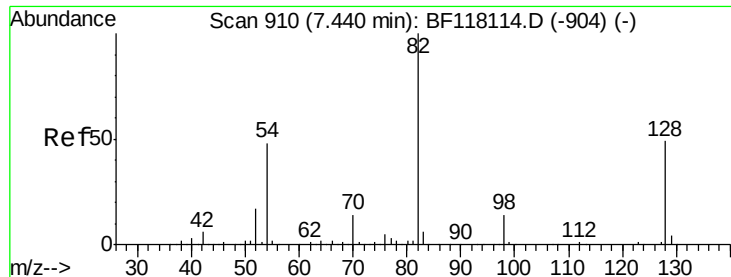
Lab File: BF118285.D

Acq: 19 Dec 2019 18:01

Tgt Ion:	136	Resp:	389340
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.0	13.6
54	5.8	5.0	7.6
68	4.4	3.8	5.8

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 89.888 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118285.D

Acq: 19 Dec 2019 18:01

Instrument :

BNA_F

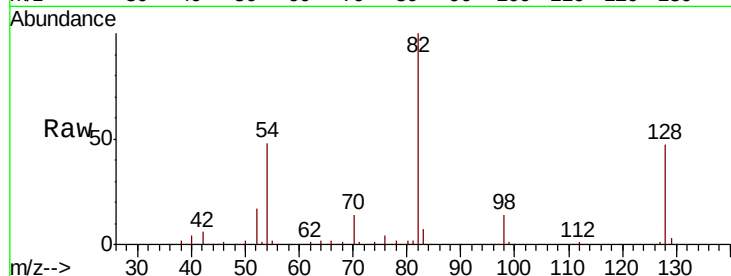
ClientSampled :

178K-WC1

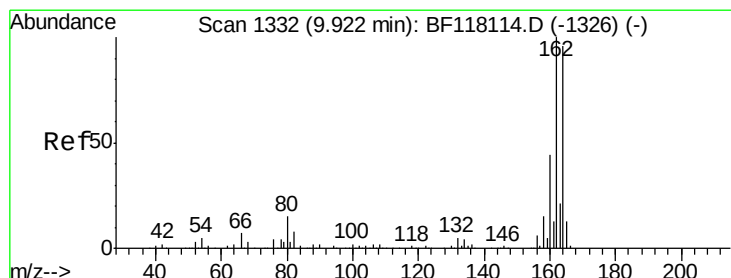
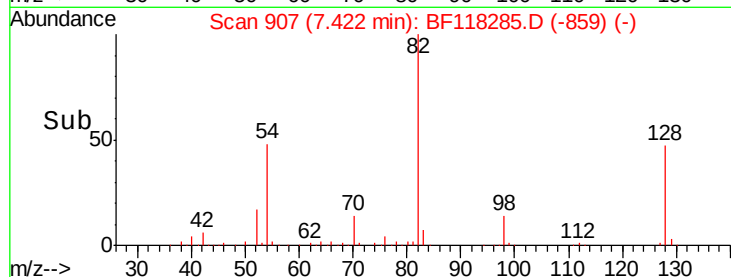
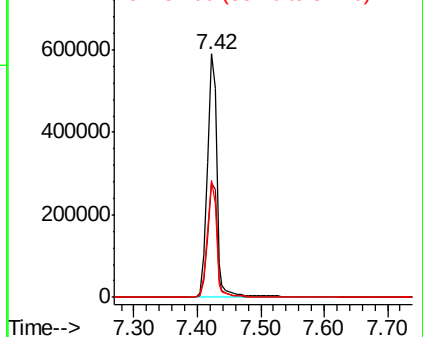
Tot Ion:	82	Resp:	622083
Ion Ratio	Lower	Upper	
82	100		
128	47.1	39.1	58.7
54	48.1	38.2	57.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

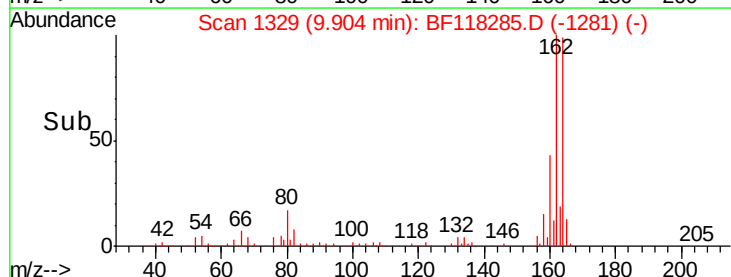
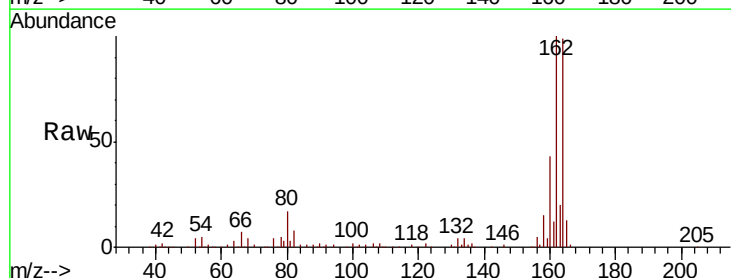
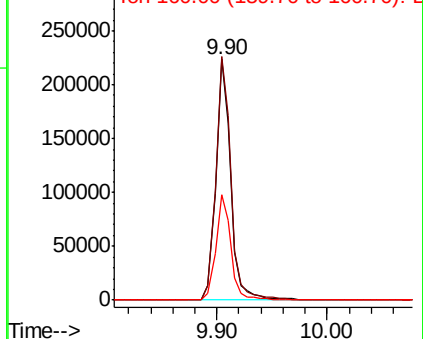
Delta R.T. -0.02 min

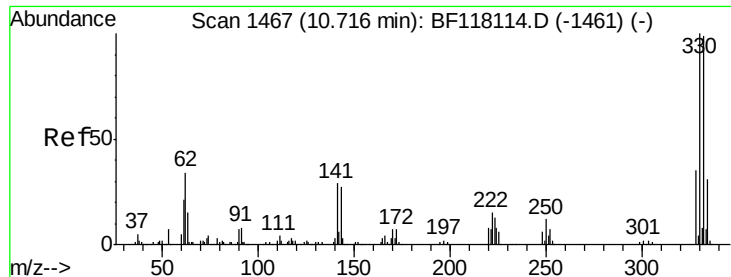
Lab File: BF118285.D

Acq: 19 Dec 2019 18:01

Tgt Ion:	164	Resp:	207362
Ion Ratio	Lower	Upper	
164	100		
162	101.2	83.4	125.0
160	43.6	36.6	54.8

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





#42

2,4,6-Tribromophenol

Concen: 147.601 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118285.D

Acq: 19 Dec 2019 18:01

Instrument :

BNA_F

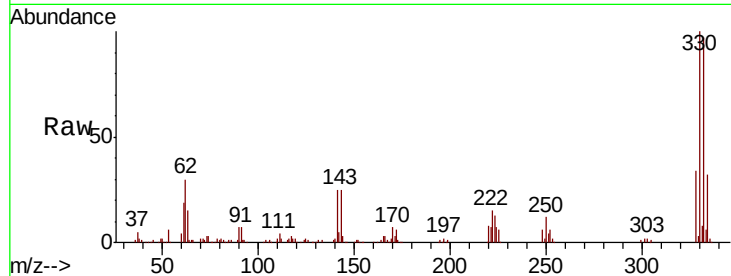
ClientSampled :

178K-WC1

Tot Ion:	330	Resp:	371817
Ion Ratio	Lower	Upper	
330	100		
332	97.9	78.1	117.1
141	32.5	26.9	40.3

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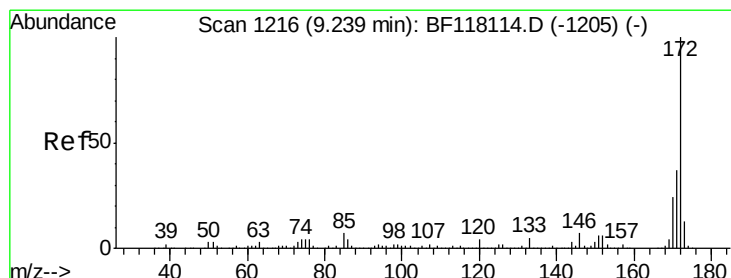
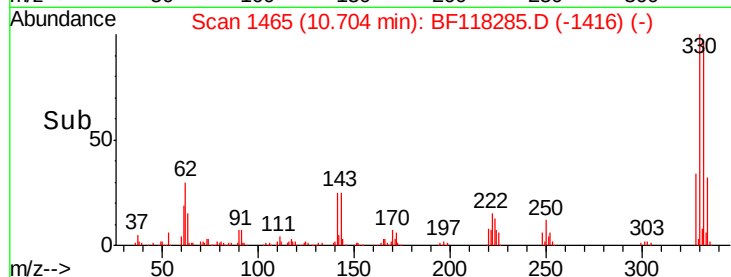
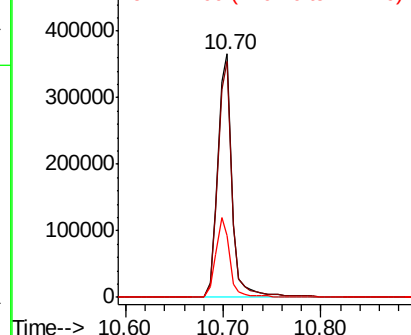


Abundance

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



#45

2-Fluorobiphenyl

Concen: 93.401 ng

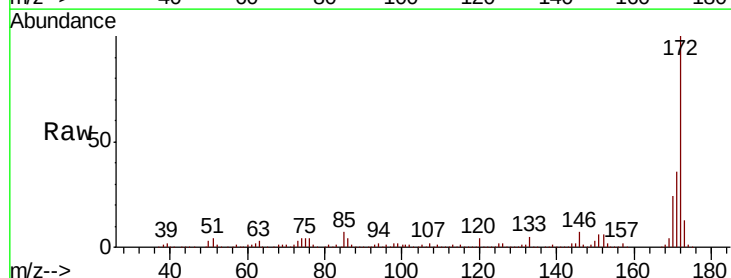
RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118285.D

Acq: 19 Dec 2019 18:01

Tgt Ion:	172	Resp:	1272817
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.2	43.8
170	23.6	19.4	29.2

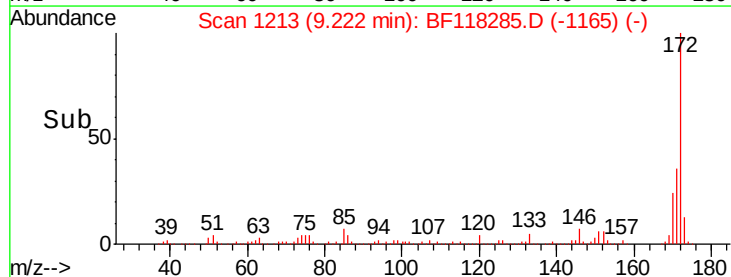
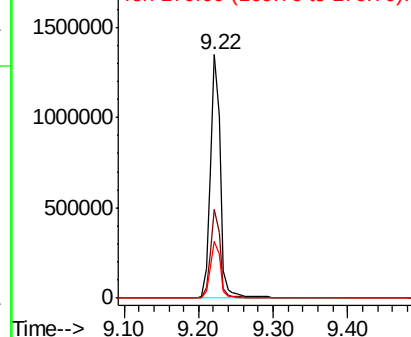


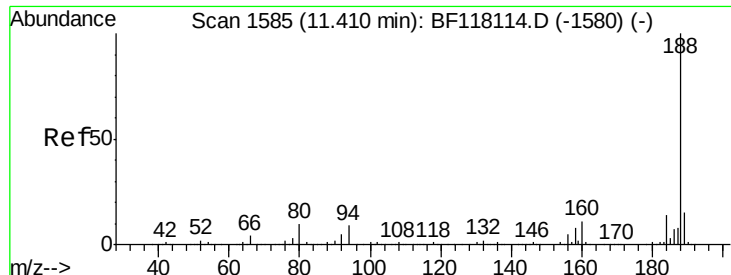
Abundance

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





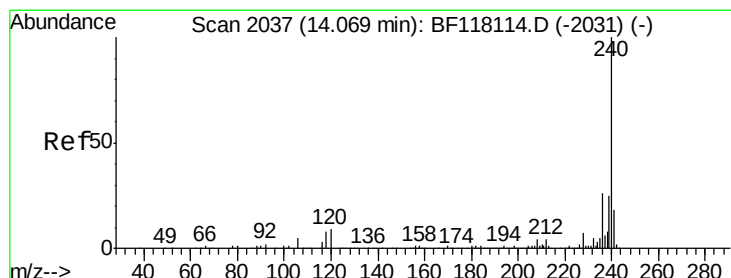
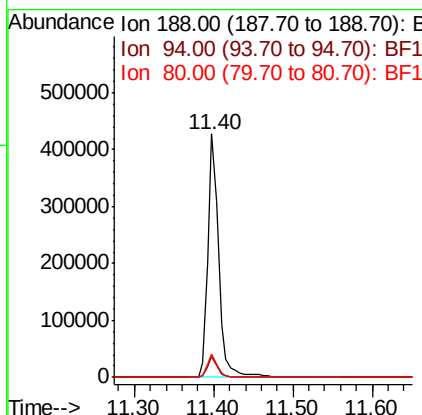
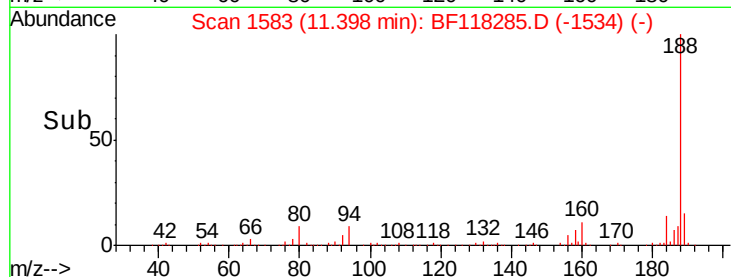
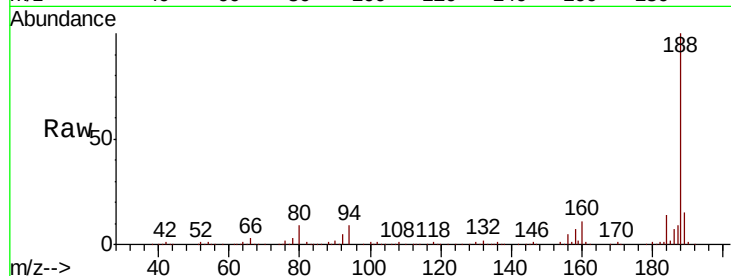
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampled :
178K-WC1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	410284		
94	8.6		7.1	10.7
80	9.4		7.9	11.9

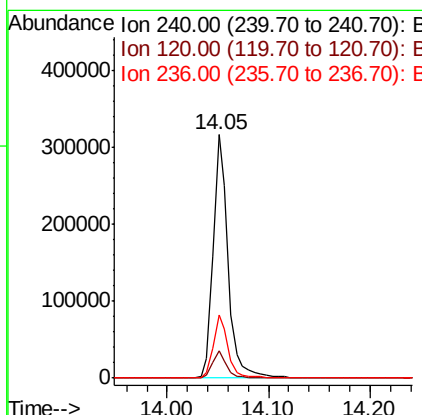
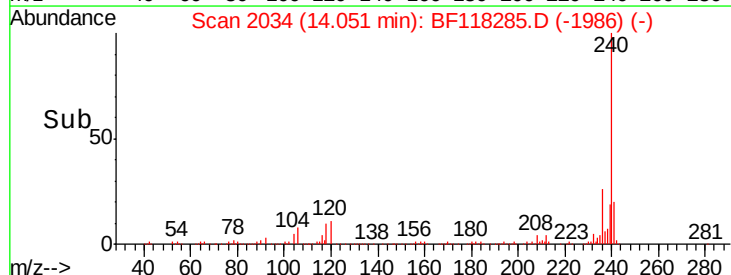
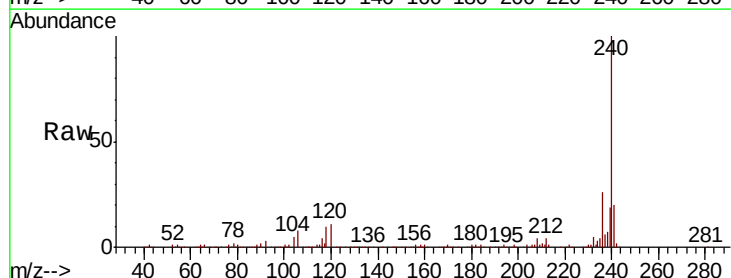
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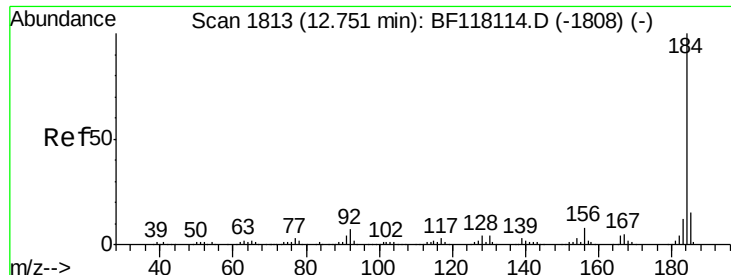
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	325745		
120	11.1		7.1	10.7#
236	26.1		21.0	31.6





#77

Benzidine

Concen: 12.248 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF118285.D

Acq: 19 Dec 2019 18:01

Instrument :

BNA_F

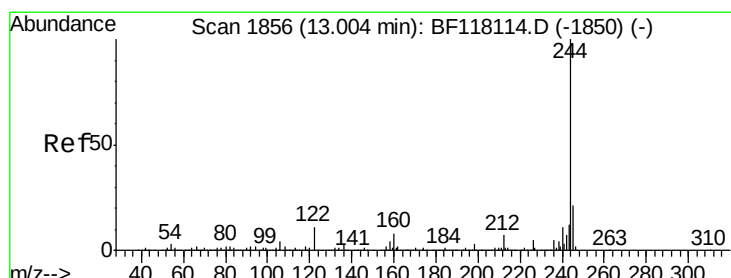
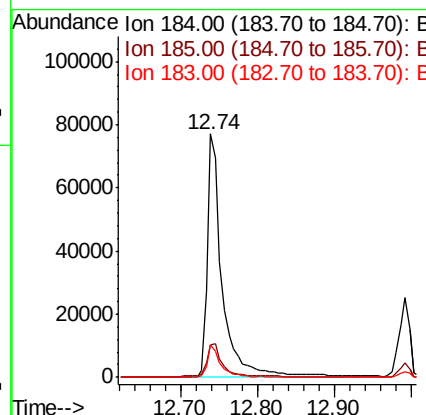
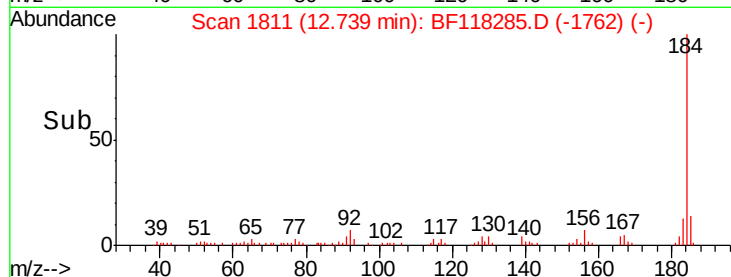
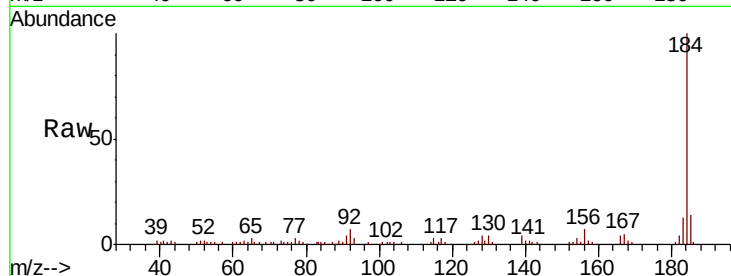
ClientSampled :

178K-WC1

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.5	12.3	18.5
183	13.3	9.9	14.9

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#79

Terphenyl-d14

Concen: 91.352 ng

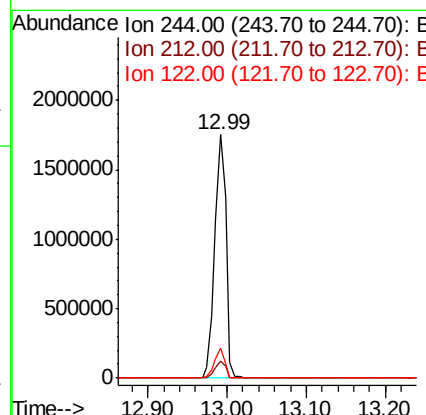
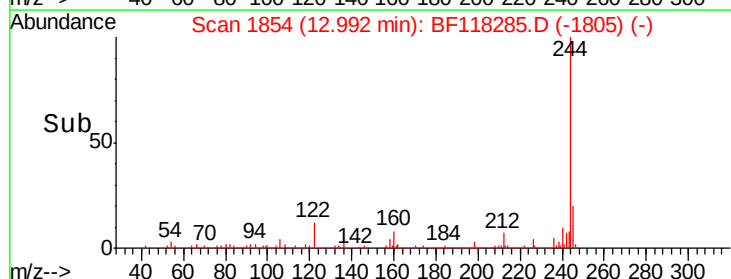
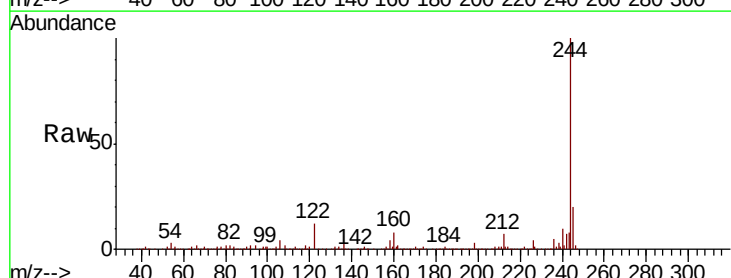
RT: 12.99 min Scan# 1854

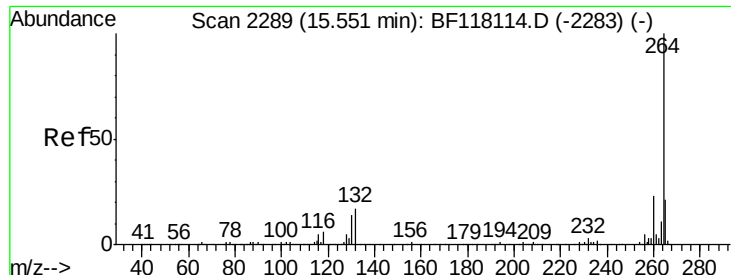
Delta R.T. -0.01 min

Lab File: BF118285.D

Acq: 19 Dec 2019 18:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.0	9.0	13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118285.D
Acq: 19 Dec 2019 18:01

Instrument :
BNA_F
ClientSampleId :
178K-WC1

Tot Ion	Ratio	Resp	Lower	Upper
264	100	307357		
260	23.7		18.6	28.0
265	20.7		16.8	25.2

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