

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118283.D
 Acq On : 19 Dec 2019 17:04
 Operator : JU
 Sample : K6370-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-6

Manual Integrations
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Quant Time: Dec 20 03:43:18 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	105035	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	412899	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	221527	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	422396	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	334165	20.00	ng	-0.02
87) Perylene-d12	15.54	264	313396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	348622	58.13	ng	-0.01
7) Phenol-d6	6.49	99	433511	59.77	ng	-0.01
23) Nitrobenzene-d5	7.42	82	304639	41.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	168365	62.56	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	520841	35.78	ng	-0.02
79) Terphenyl-d14	12.99	244	549400	28.27	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	20712	2.504	ng	75
35) Caprolactam	8.53	113	44362m	24.002	ng	
50) Dimethylphthalate	9.62	163	75309	4.602	ng	99
69) Atrazine	11.08	200	59372	13.627	ng	98

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

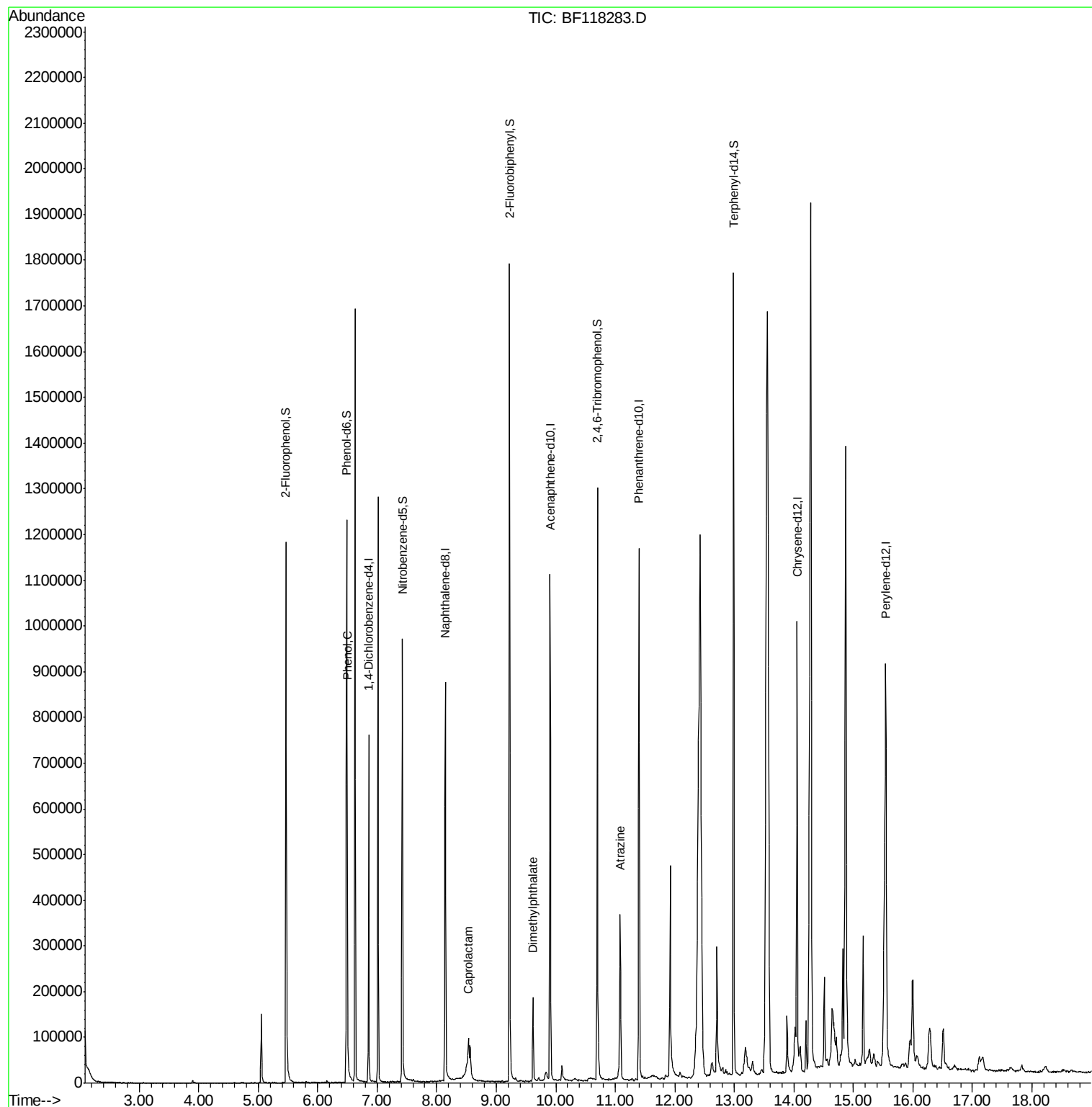
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118283.D
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ALS Vial : 10 Sample Multiplier: 1

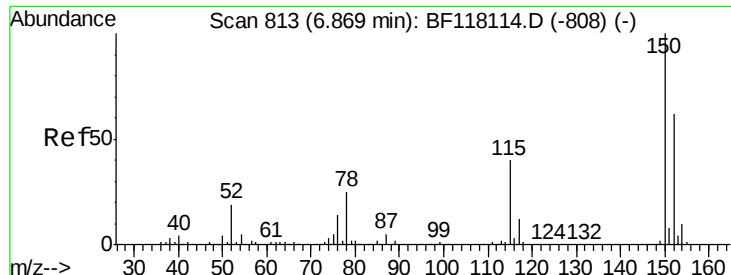
Instrument :
BNA_F
ClientSampleId :
TP1-6

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Quant Time: Dec 20 03:43:18 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





#1

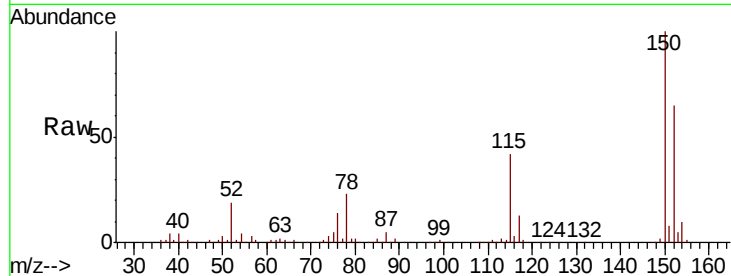
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Instrument :
BNA_F
ClientSampled :
TP1-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	128.3	192.5
115	64.4	51.1	76.7

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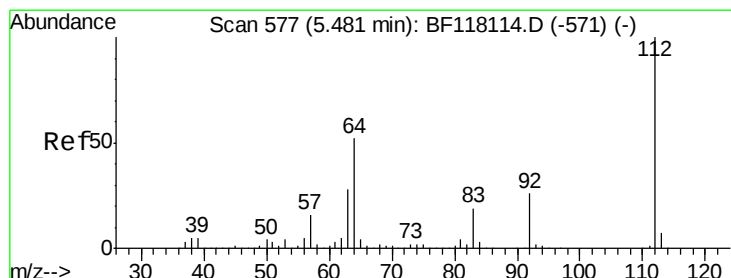
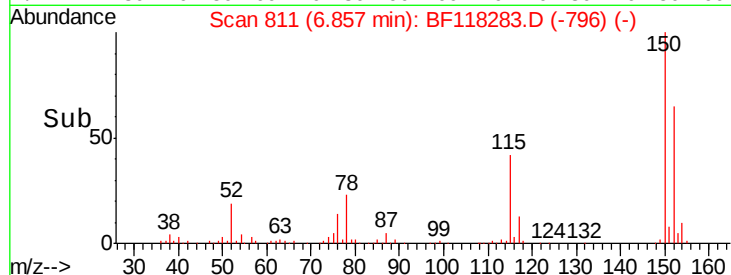
Abundance

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

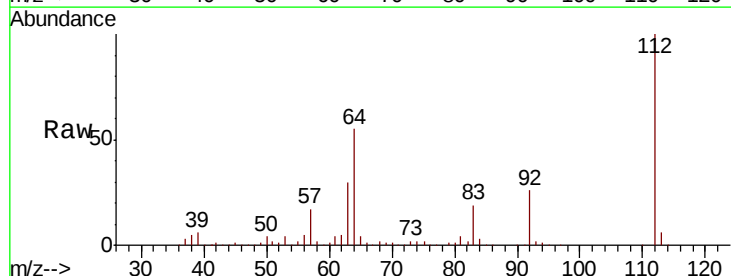
Time-->



#5

2-Fluorophenol
Concen: 58.133 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	41.3	61.9
63	30.4	22.4	33.6



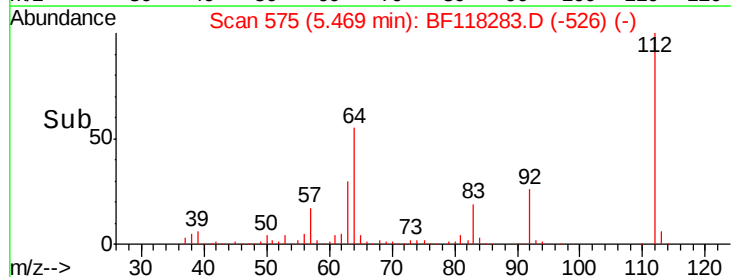
Abundance

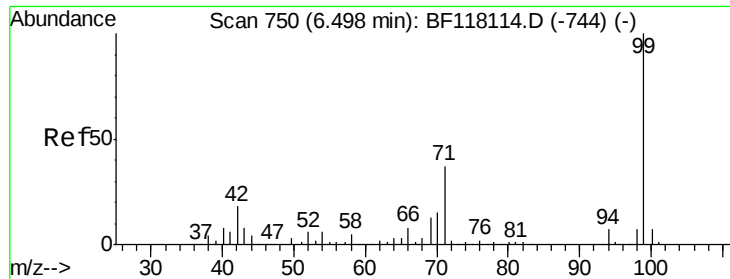
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 59.766 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118283.D

Acq: 19 Dec 2019 17:04

Instrument :

BNA_F

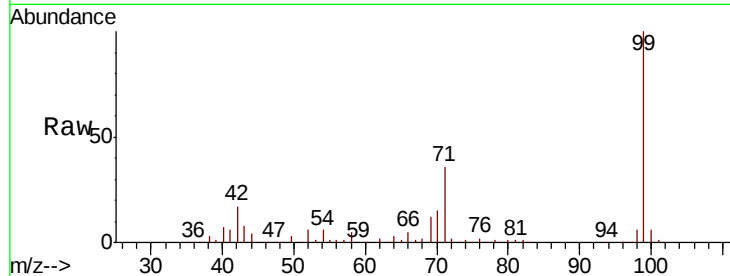
ClientSampled :

TP1-6

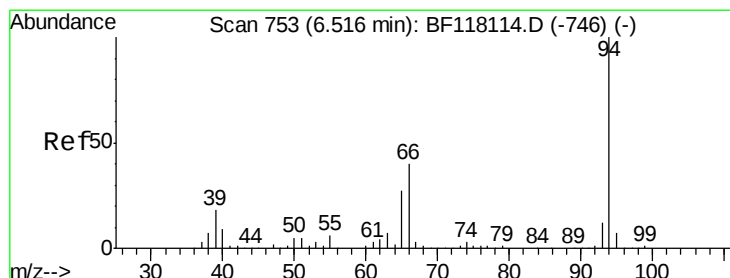
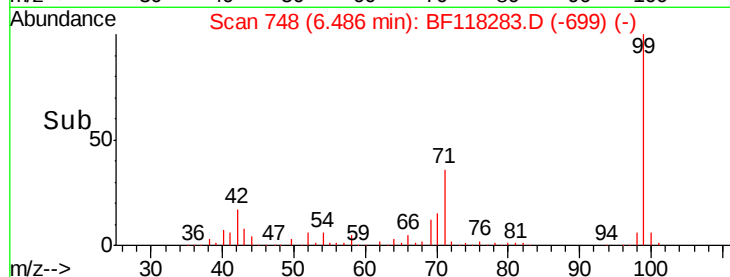
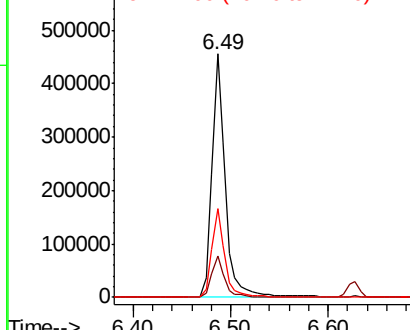
Tot Ion:	99	Resp:	433511
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.1	21.1
71	36.4	29.7	44.5

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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



#10

Phenol

Concen: 2.504 ng

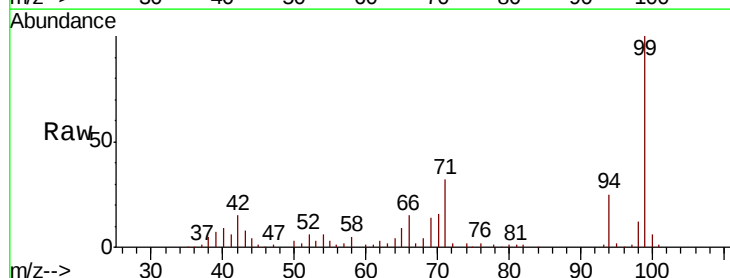
RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

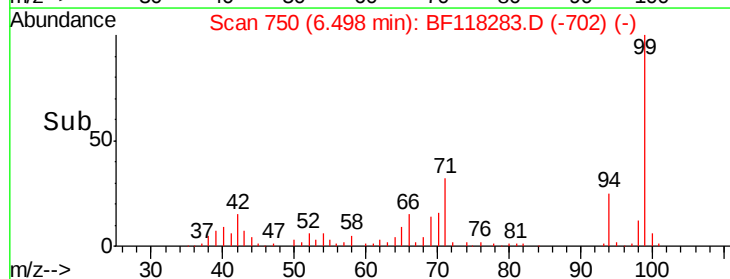
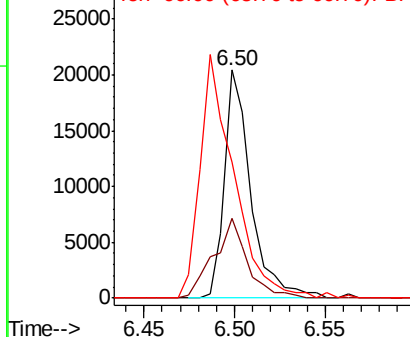
Lab File: BF118283.D

Acq: 19 Dec 2019 17:04

Tgt Ion:	94	Resp:	20712
Ion Ratio	Lower	Upper	
94	100		
65	35.2	7.3	47.3
66	59.5	20.2	60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





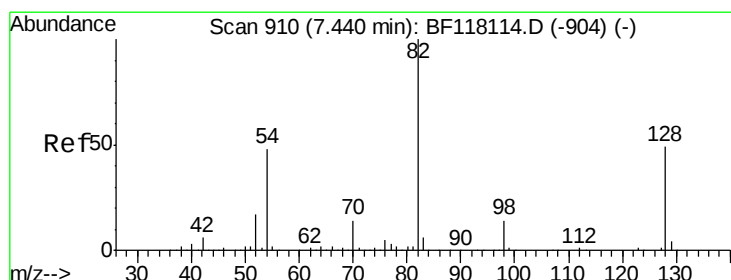
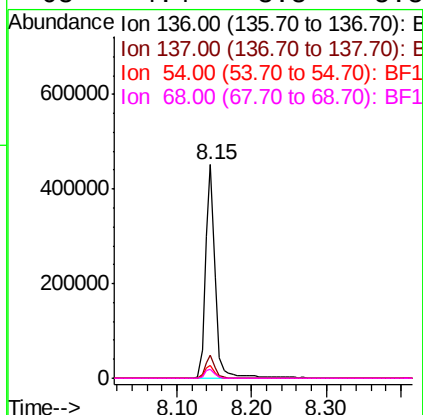
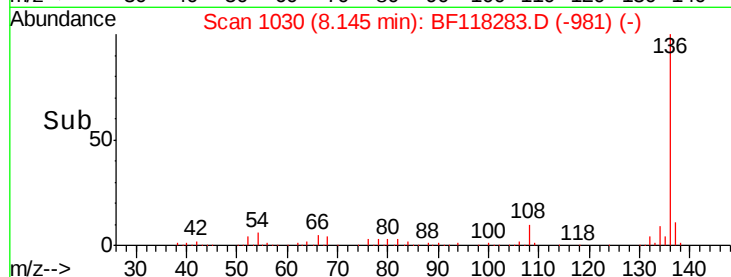
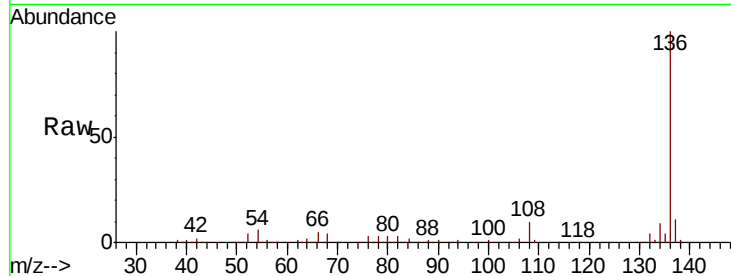
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Instrument :
BNA_F
ClientSampleId :
TP1-6

Tot Ion	Ratio	Resp	Lower	Upper
136	100	412899		
137	11.1		9.0	13.6
54	5.8		5.0	7.6
68	4.4		3.8	5.8

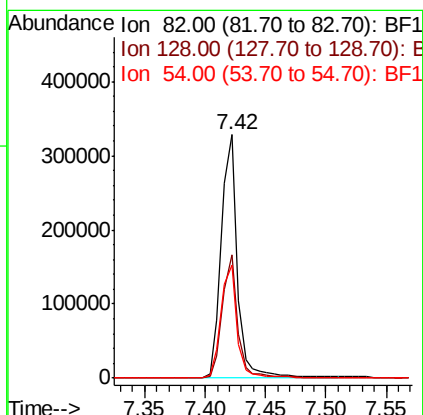
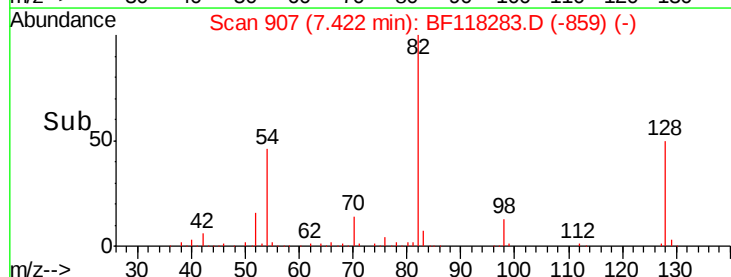
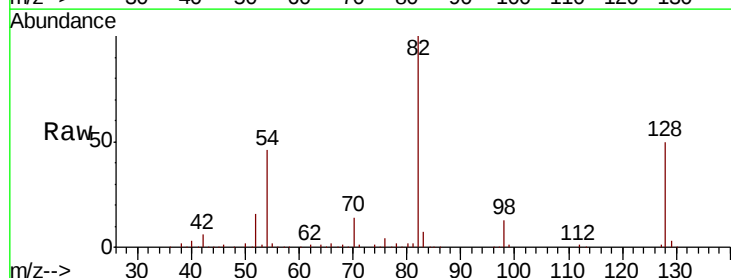
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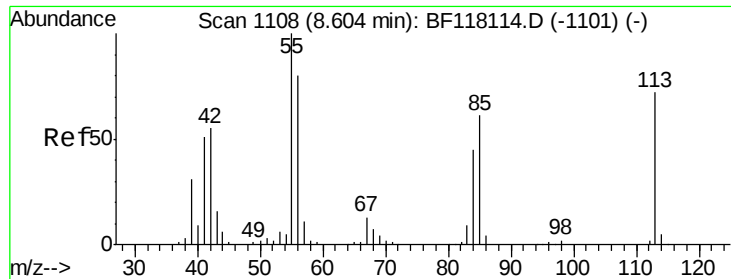
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#23
Nitrobenzene-d5
Concen: 41.507 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	304639		
128	50.5		39.1	58.7
54	46.2		38.2	57.2





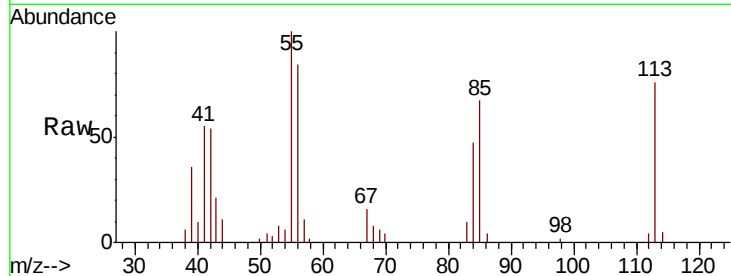
#35
Caprolactam
Concen: 24.002 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. -0.07 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Instrument :
BNA_F
ClientSampled :
TP1-6

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.8	118.9	158.9
56	110.5	91.4	131.4

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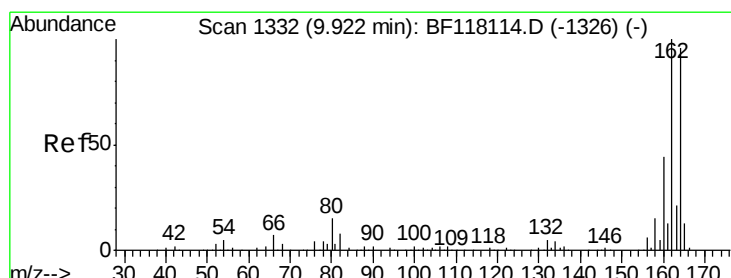
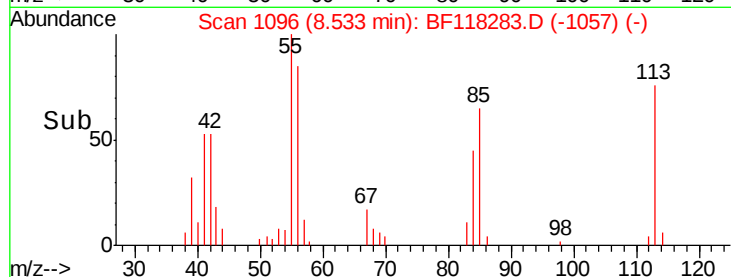
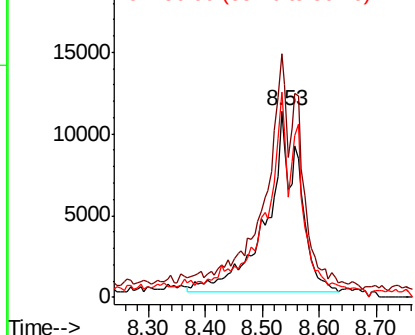


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

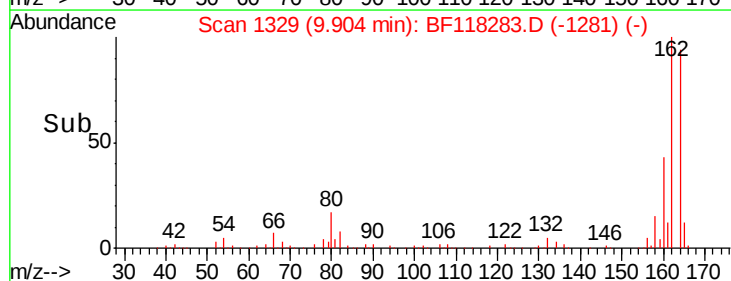
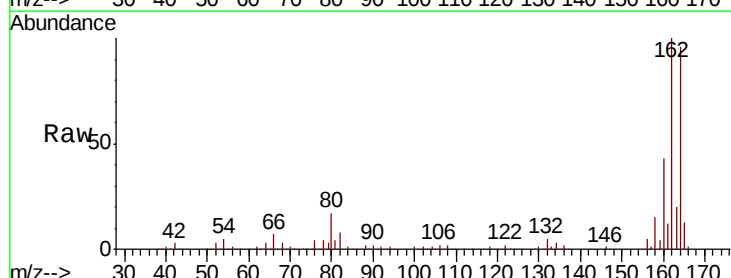
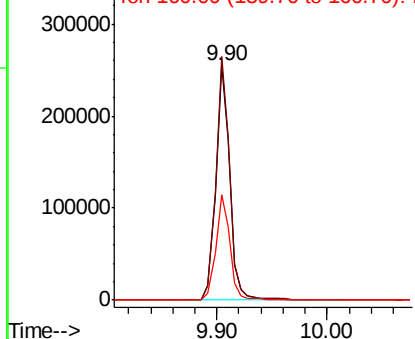
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.4	125.0
160	45.1	36.6	54.8

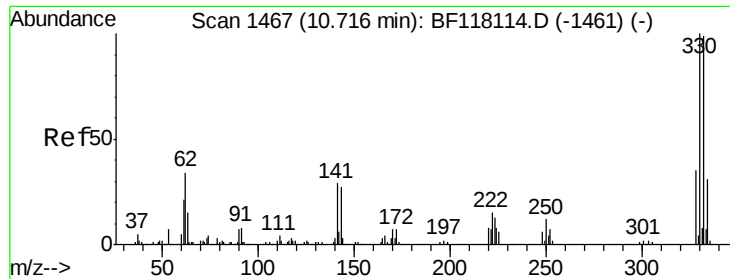
Abundance

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: 62.563 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF118283.D

Acq: 19 Dec 2019 17:04

Instrument :

BNA_F

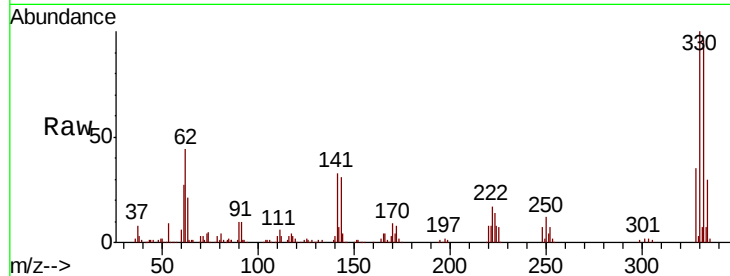
ClientSampleId :

TP1-6

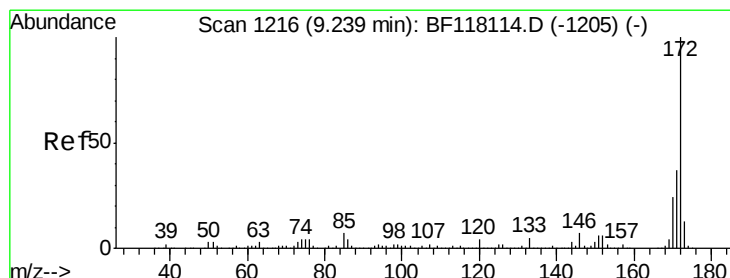
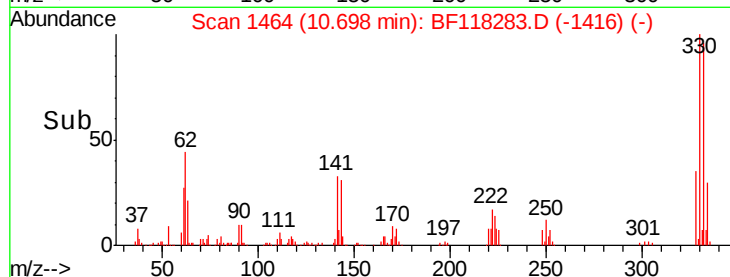
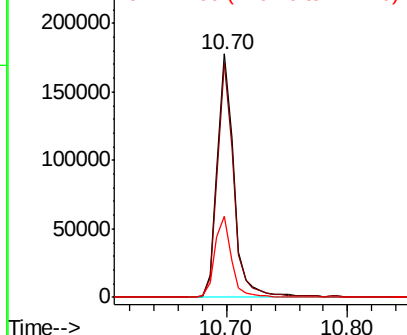
Tot Ion:	330	Resp:	168365
Ion Ratio	Lower	Upper	
330	100		
332	95.4	78.1	117.1
141	33.2	26.9	40.3

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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: 35.776 ng

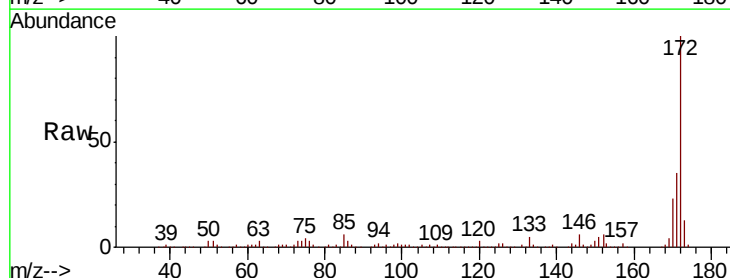
RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

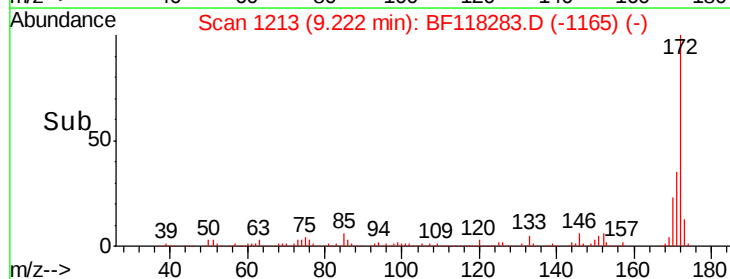
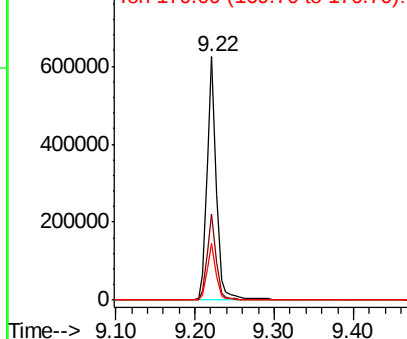
Lab File: BF118283.D

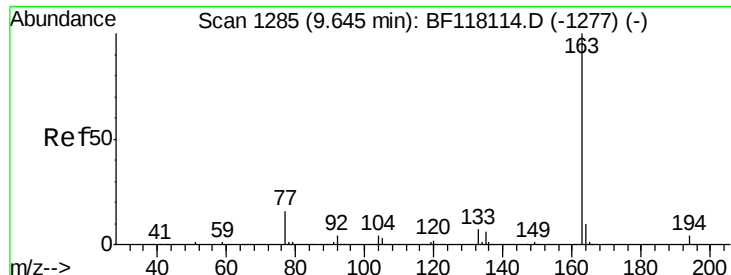
Acq: 19 Dec 2019 17:04

Tgt Ion:	172	Resp:	520841
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.2	43.8
170	23.4	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





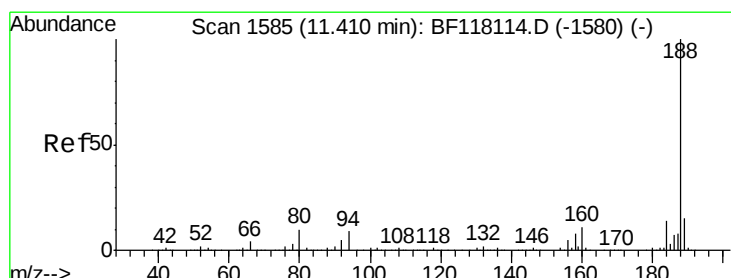
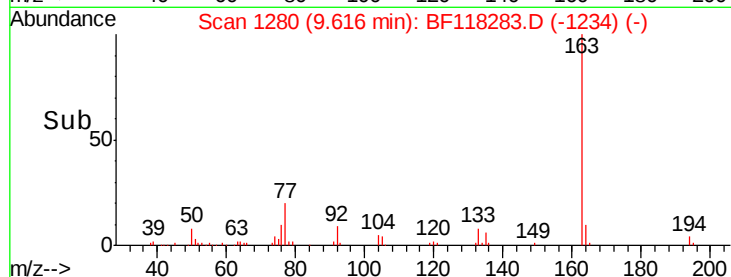
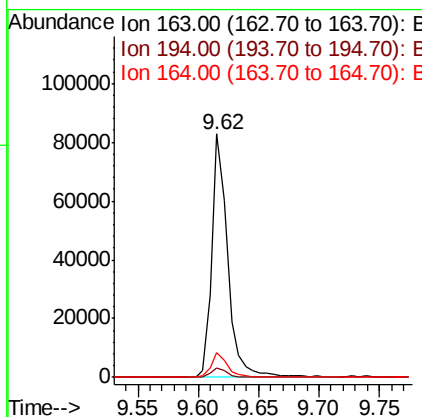
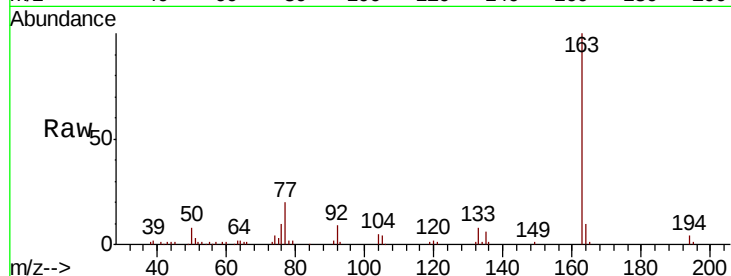
#50
Dimethylphthalate
Concen: 4.602 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Instrument :
BNA_F
ClientSampled :
TP1-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.1	7.7	11.5

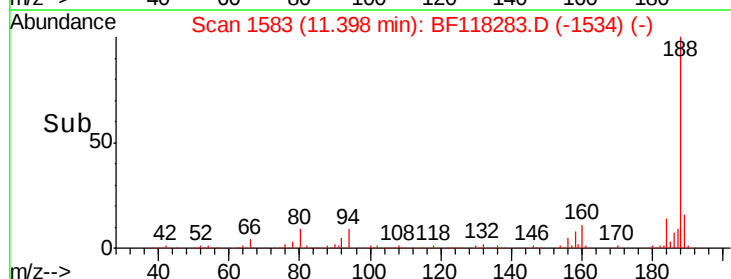
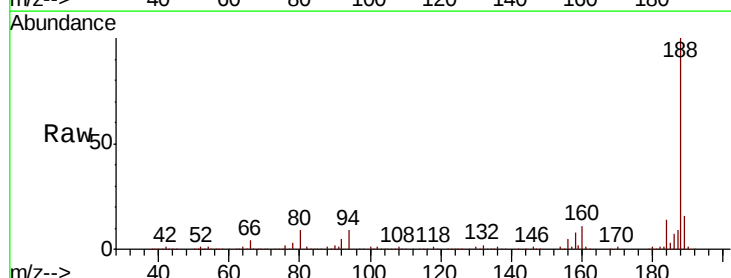
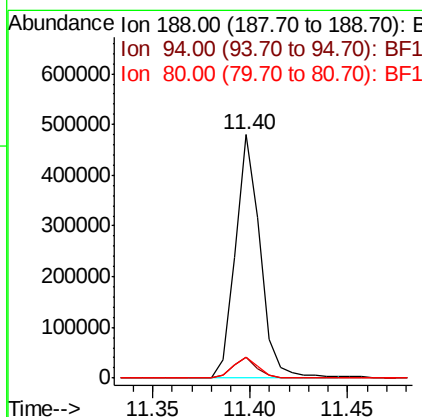
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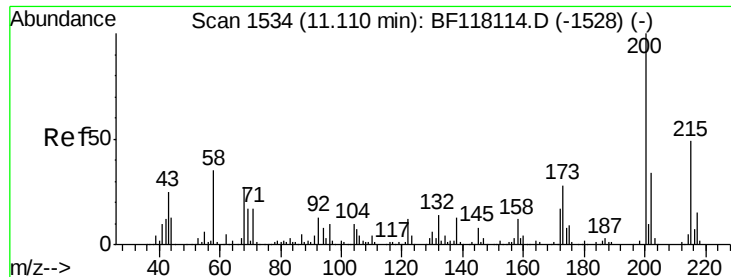
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	8.8	7.9	11.9





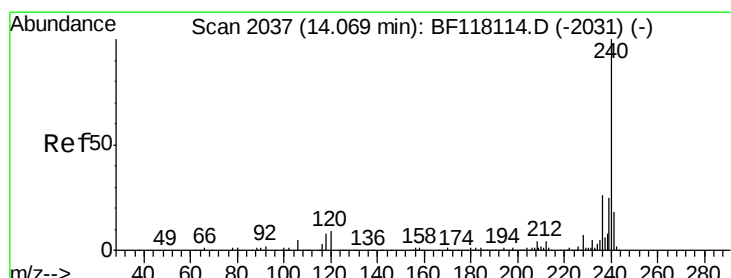
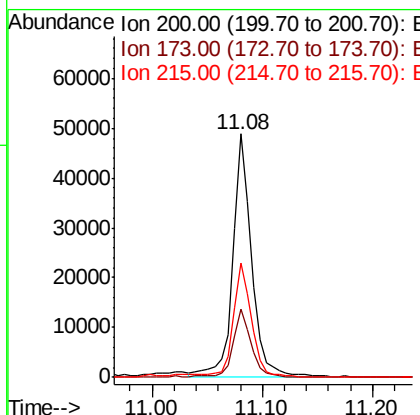
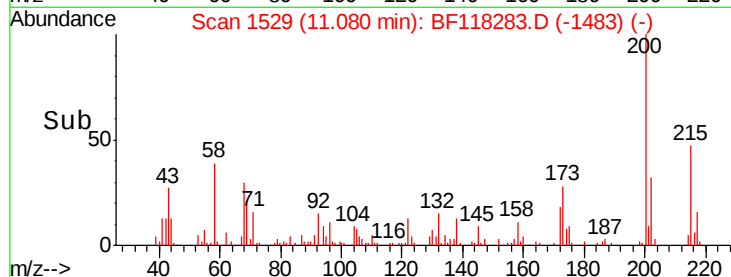
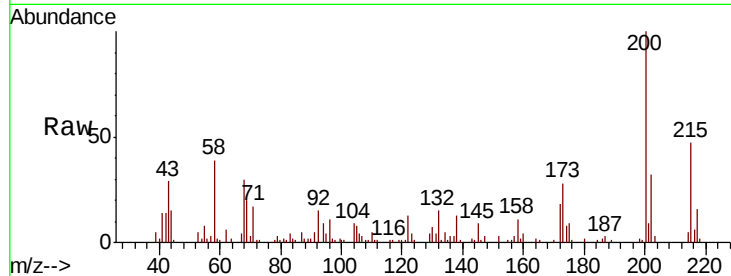
#69
Atrazine
Concen: 13.627 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.03 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Instrument :
BNA_F
ClientSampled :
TP1-6

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.1	48.1
215	47.1	29.0	69.0

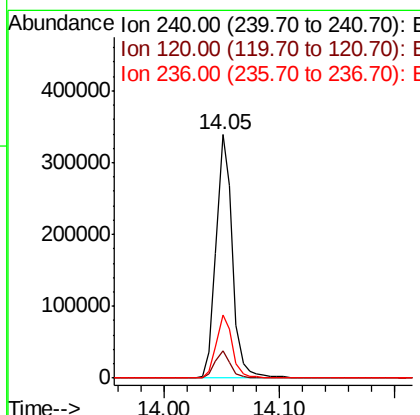
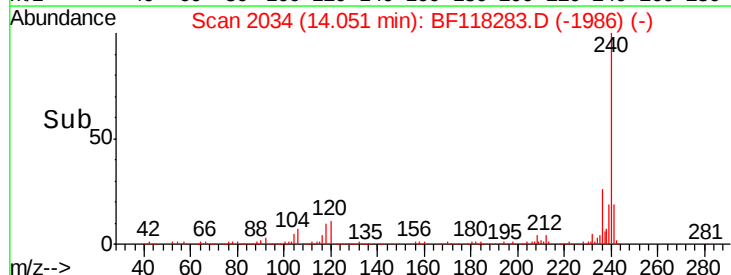
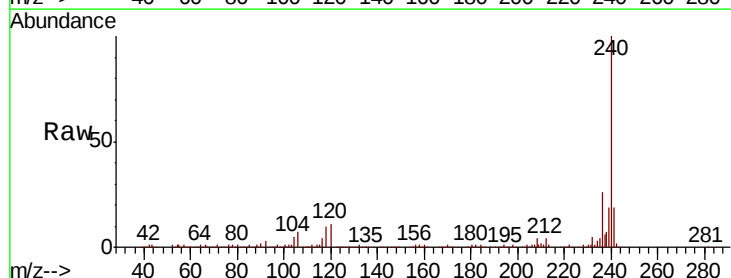
Manual Integrations
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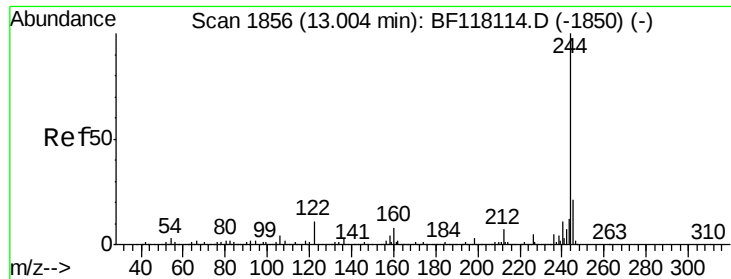
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118283.D
Acq: 19 Dec 2019 17:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.1	10.7#
236	25.8	21.0	31.6





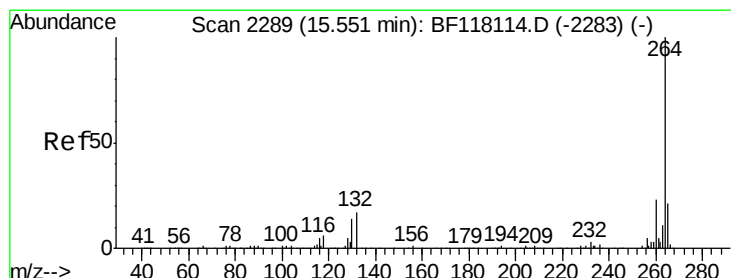
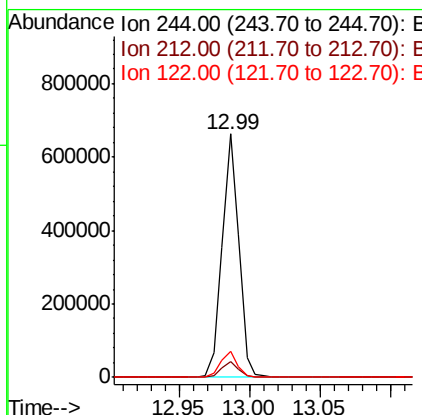
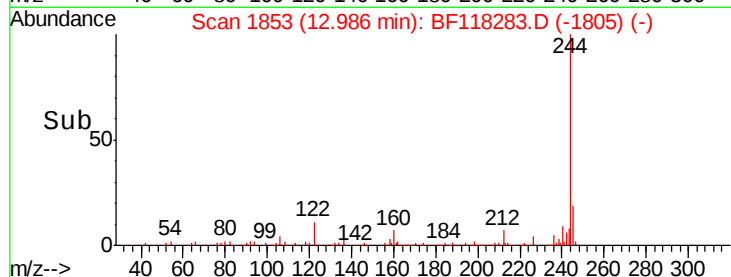
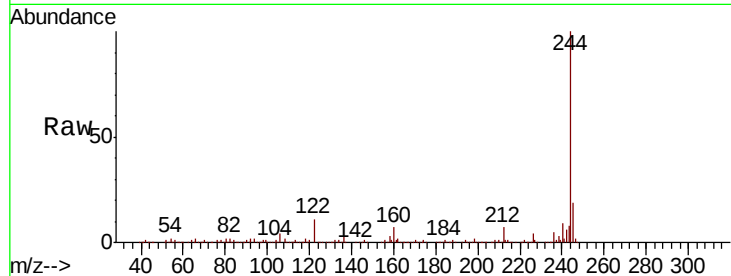
#79
 Terphenyl-d14
 Concen: 28.272 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.02 min
 Lab File: BF118283.D
 Acq: 19 Dec 2019 17:04

Instrument :
 BNA_F
 ClientSampled :
 TP1-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.9	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 12/20/2019 4:26:19 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118283.D
 Acq: 19 Dec 2019 17:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	16.8	25.2

