

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118674.D
 Acq On : 22 Jan 2020 20:47
 Operator : CG/JU
 Sample : L1213-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Quant Time: Jan 23 07:21:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	335340	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1259153	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	672590	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1135261	20.00	ng	0.00
76) Chrysene-d12	14.04	240	830516	20.00	ng	0.00
87) Perylene-d12	15.52	264	972733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1755426	97.22	ng	0.00
7) Phenol-d6	6.50	99	2188406	93.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	1420880	63.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	689041	88.57	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2536600	61.99	ng	-0.01
79) Terphenyl-d14	12.99	244	2440195	64.08	ng	0.00
Target Compounds						
10) Phenol	6.52	94	160903	6.016	ng	90
31) Naphthalene	8.18	128	210216	3.696	ng	95
50) Dimethylphthalate	9.63	163	302092	6.894	ng	95
52) Acenaphthene	9.95	154	163809	4.457	ng	97
55) Dibenzofuran	10.12	168	142289	2.794	ng	95
58) Fluorene	10.46	166	163557	4.090	ng	98
71) Phenanthrene	11.42	178	468303	8.550	ng	93
75) Fluoranthene	12.62	202	341981	5.920	ng	94
78) Pyrene	12.84	202	267189	4.739	ng	92
83) Chrysene	14.06	228	101495	2.120	ng	94
88) Benzo(b)fluoranthene	15.08	252	123497m	2.020	ng	

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

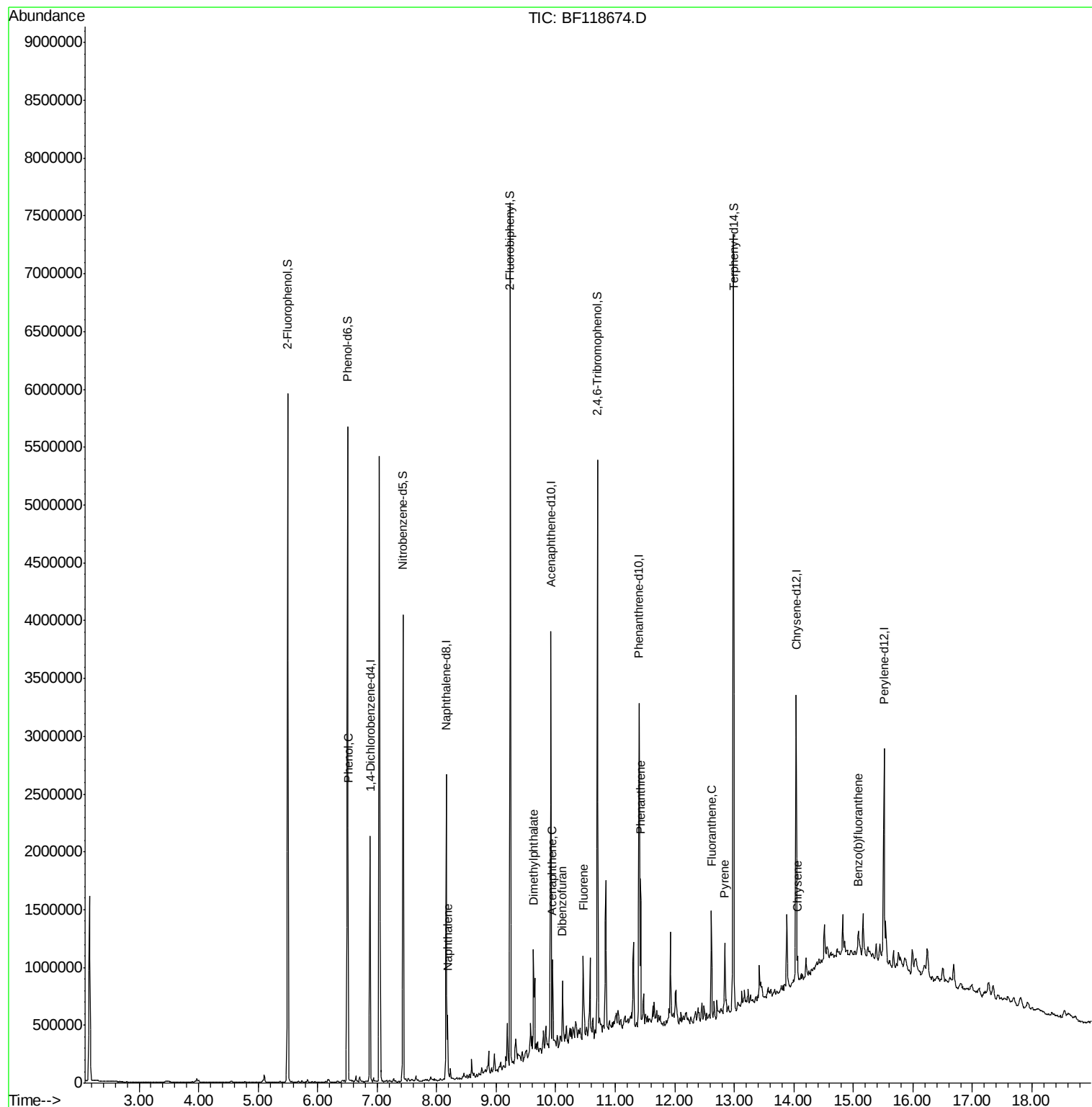
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118674.D
Acq On : 22 Jan 2020 20:47
Operator : CG/JU
Sample : L1213-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

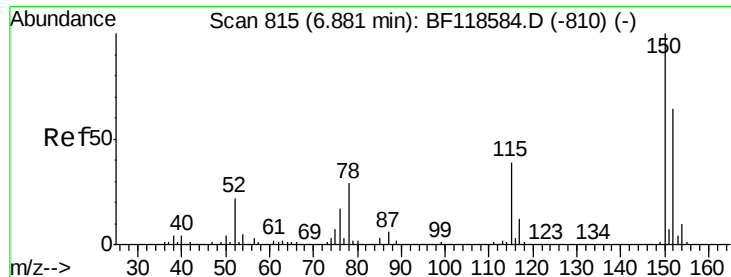
Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Jan 23 07:21:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
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QLast Update : Mon Jan 20 14:45:03 2020
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#1

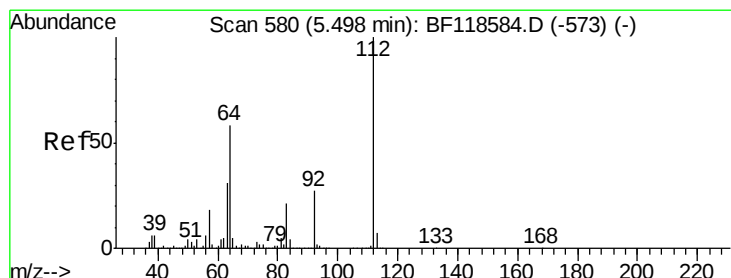
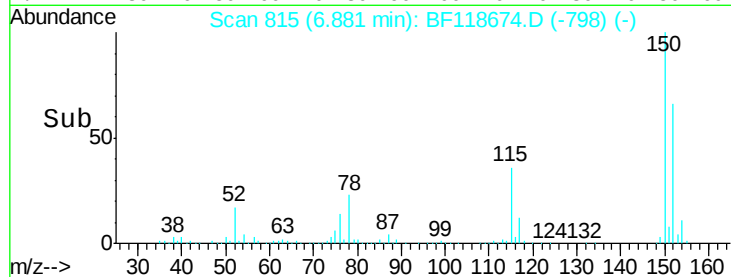
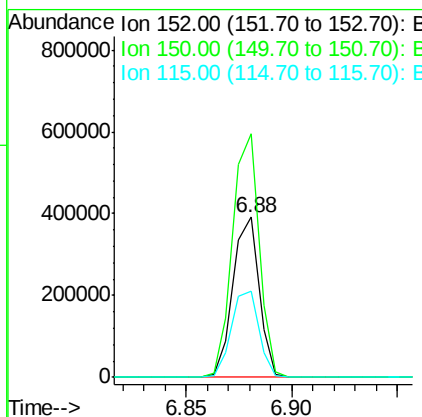
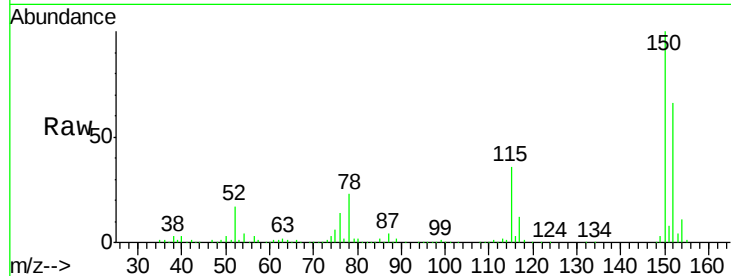
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.6	188.4
115	54.0	48.4	72.6

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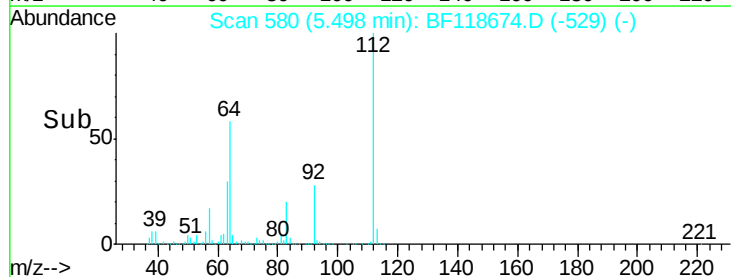
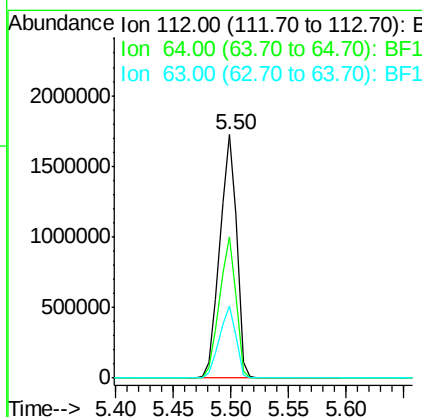
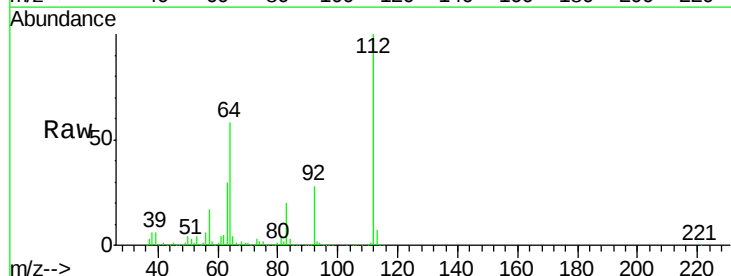
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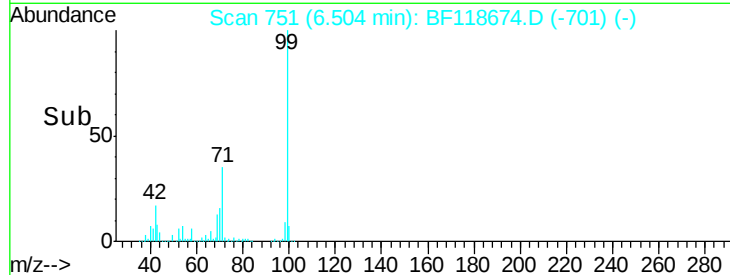
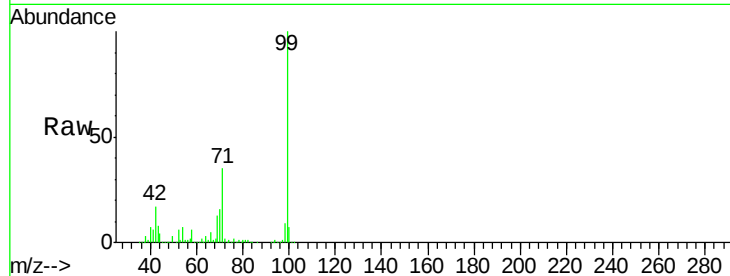


#5

2-Fluorophenol
Concen: 97.223 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.6	70.0
63	29.8	25.1	37.7





#7

Phenol-d6

Concen: 93.252 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Tot Ion:	99	Resp:	2188406
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.2	21.2
71	34.8	27.8	41.6

Instrument :

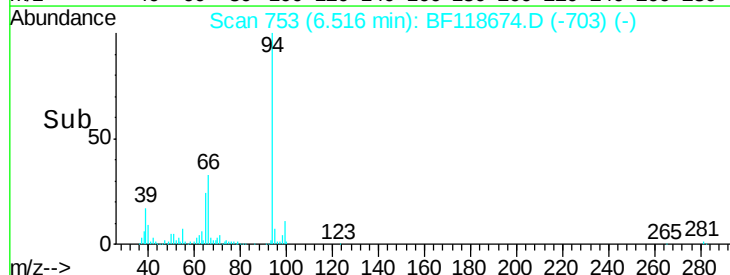
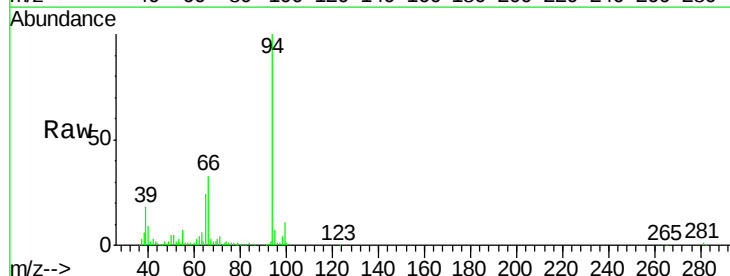
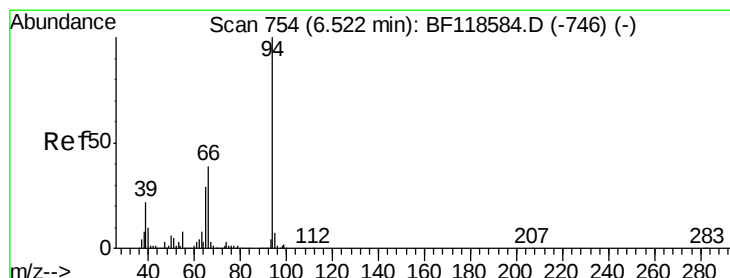
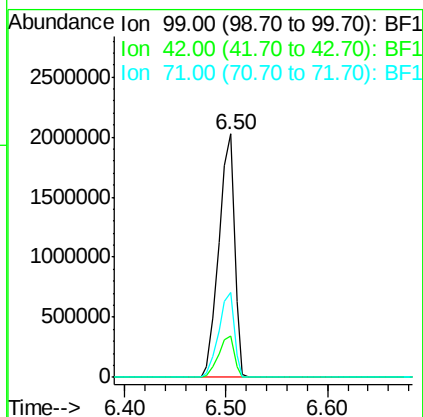
BNA_F

ClientSampled :

TP-2

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#10

Phenol

Concen: 6.016 ng

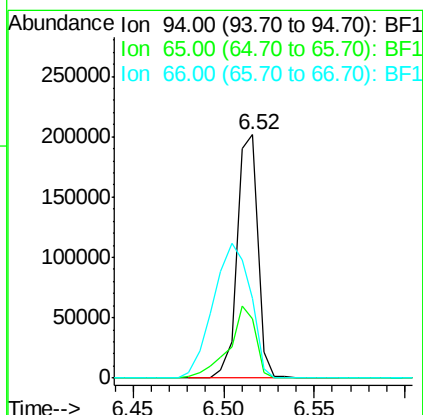
RT: 6.52 min Scan# 753

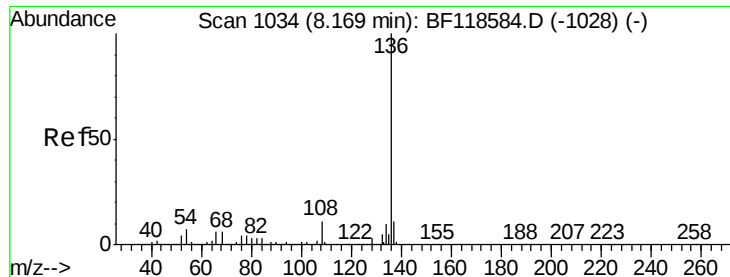
Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Tgt Ion:	94	Resp:	160903
Ion	Ratio	Lower	Upper
94	100		
65	24.2	9.5	49.5
66	32.9	18.5	58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Instrument :

BNA_F

ClientSampleId :

TP-2

Tot Ion:136 Resp: 1259153

Ion Ratio Lower Upper

136 100

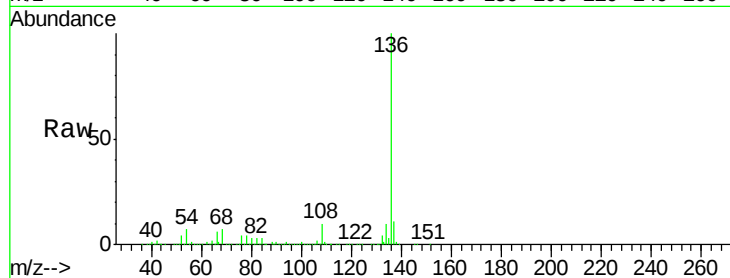
137 11.3 9.1 13.7

54 7.5 5.8 8.6

68 6.6 5.0 7.4

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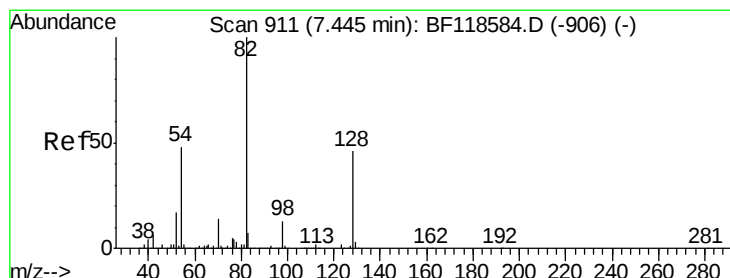
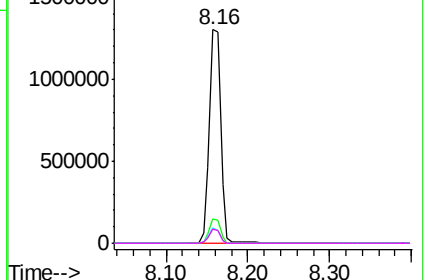
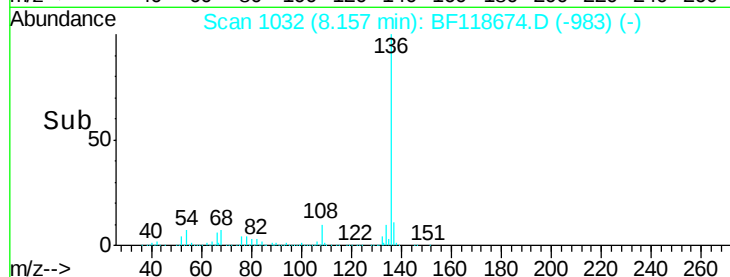


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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: 63.118 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

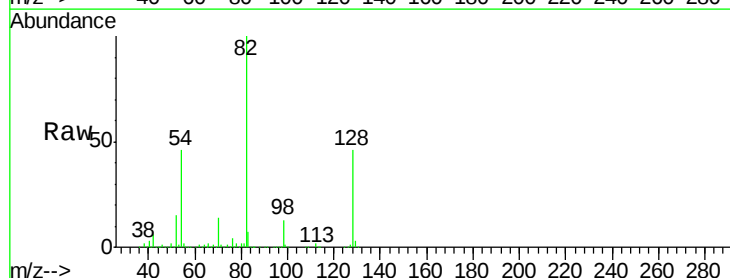
Tgt Ion: 82 Resp: 1420880

Ion Ratio Lower Upper

82 100

128 46.4 36.6 54.8

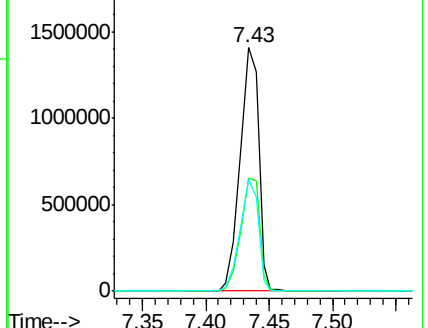
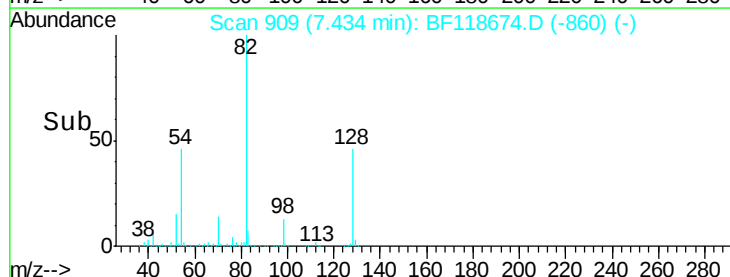
54 46.0 38.0 57.0

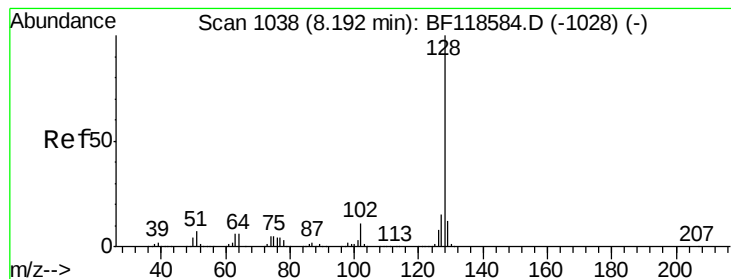


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 3.696 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Instrument :

BNA_F

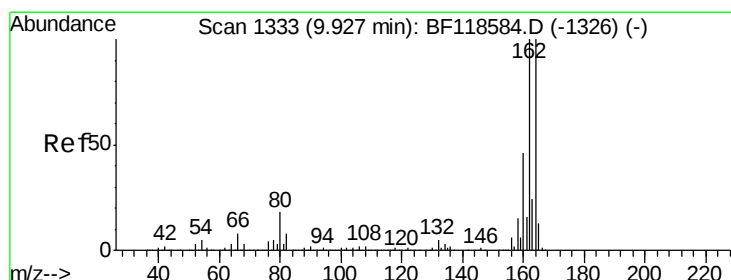
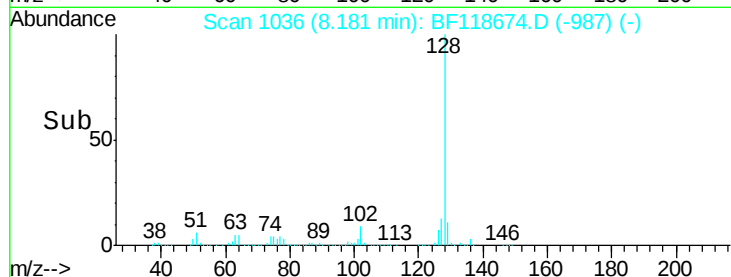
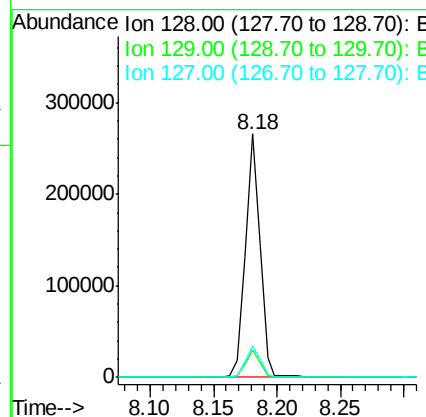
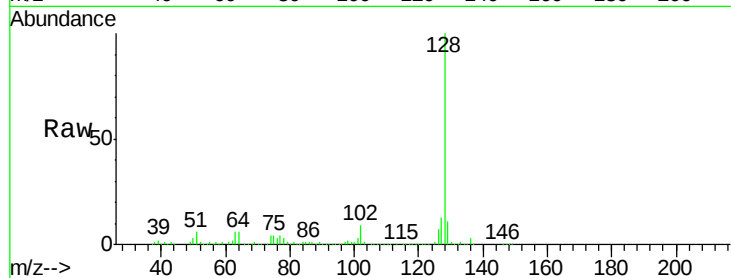
ClientSampleId :

TP-2

Tot Ion:	128	Resp:	210216
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.9	14.9
127	12.7	12.0	18.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

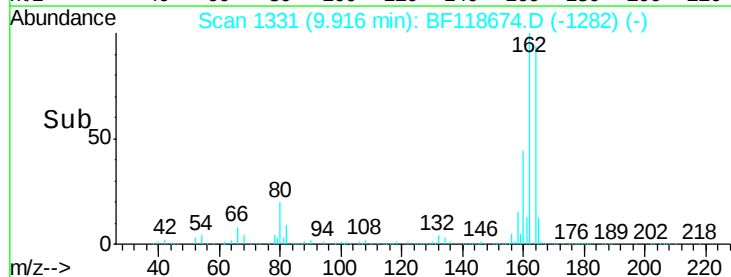
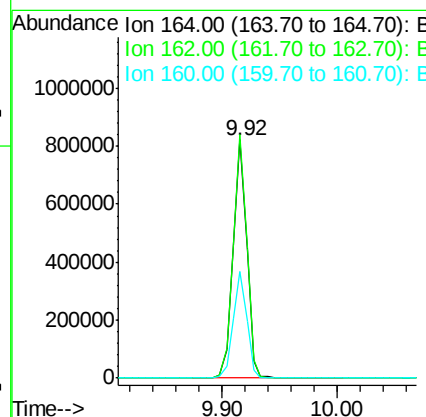
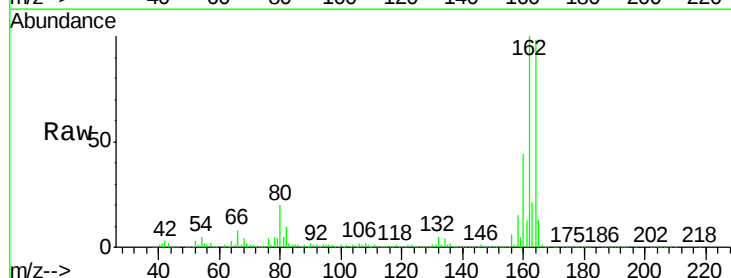
RT: 9.92 min Scan# 1331

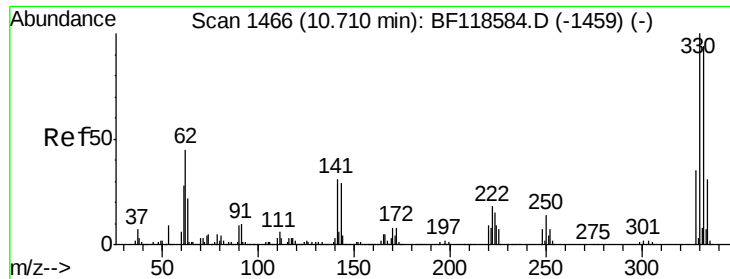
Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Tgt Ion:	164	Resp:	672590
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.4	120.6
160	44.9	36.6	55.0





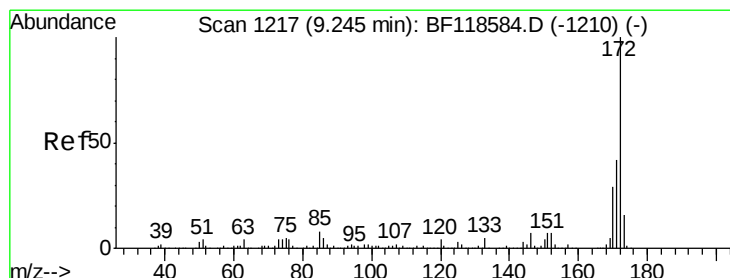
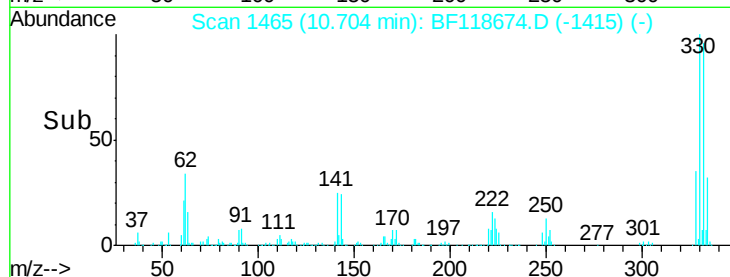
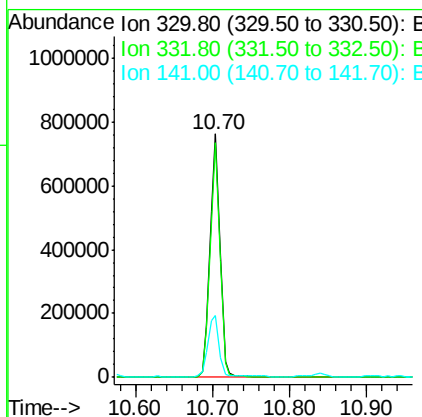
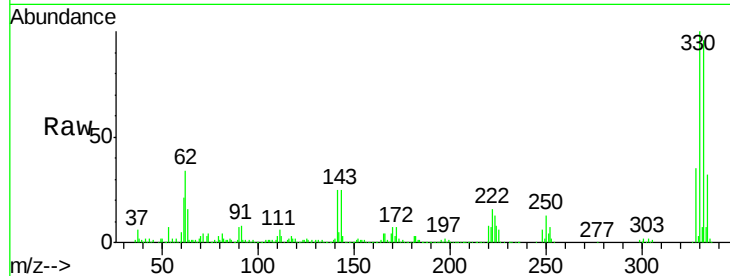
#42
 2,4,6-Tribromophenol
 Concen: 88.573 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	27.3	23.9	35.9

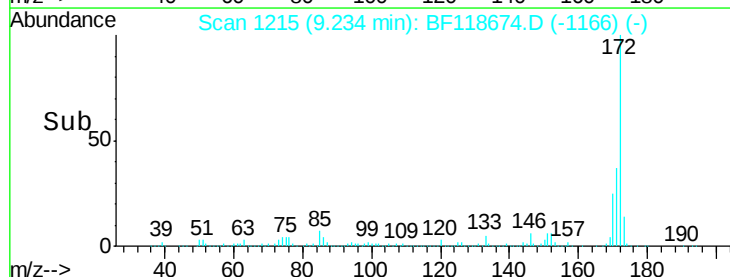
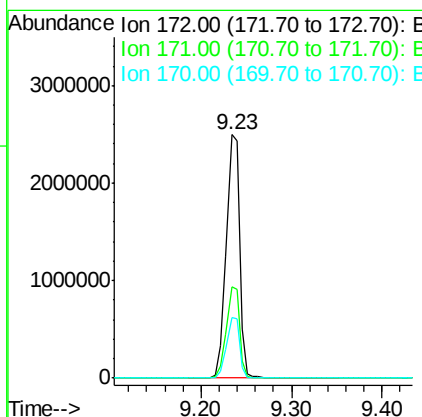
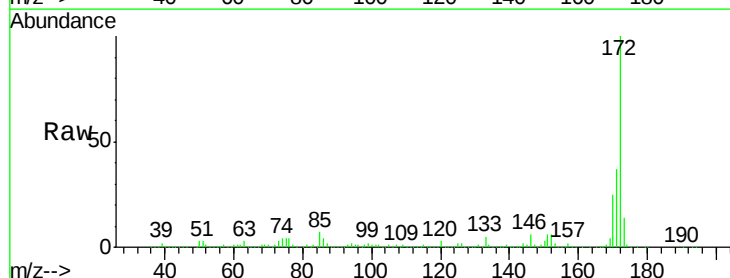
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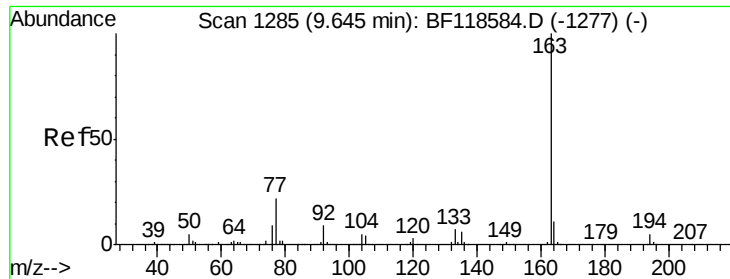
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#45
 2-Fluorobiphenyl
 Concen: 61.987 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	33.4	50.2
170	24.8	23.2	34.8





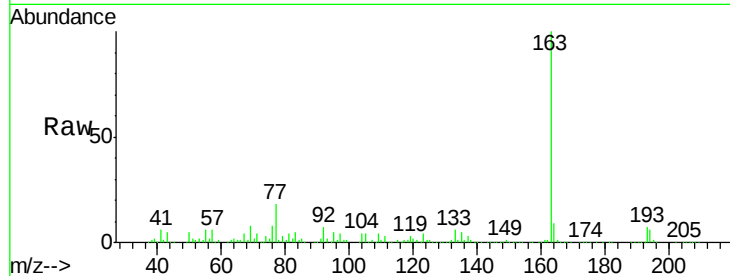
#50
Dimethylphthalate
Concen: 6.894 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Instrument :
BNA_F
ClientSampleId :
TP-2

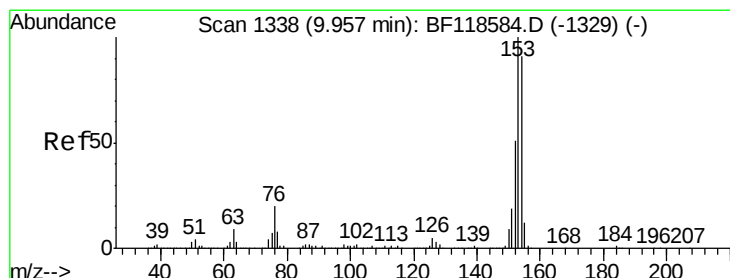
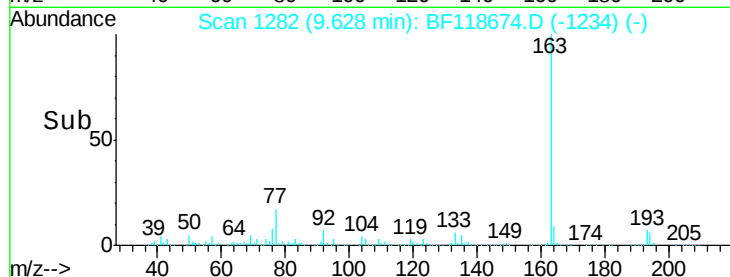
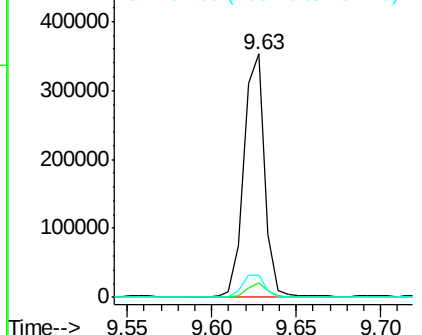
Tot Ion	Ratio	Resp	Lower	Upper
163	100	302092		
194	5.7		3.9	5.9
164	9.3		9.1	13.7

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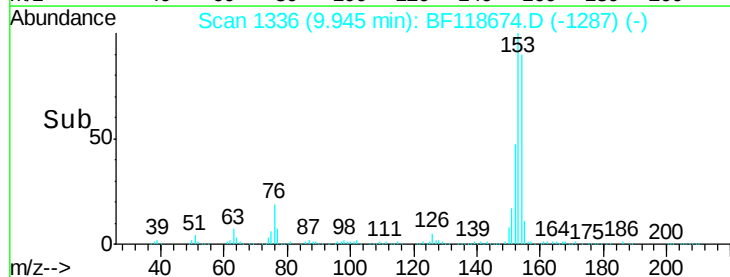
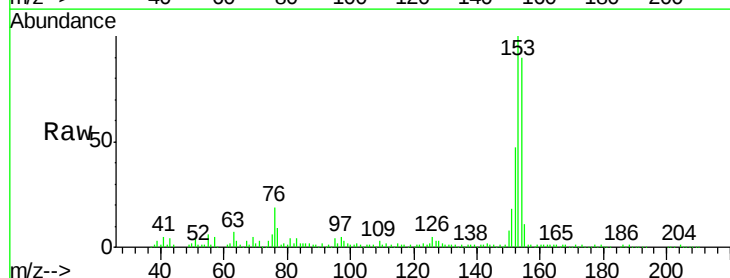
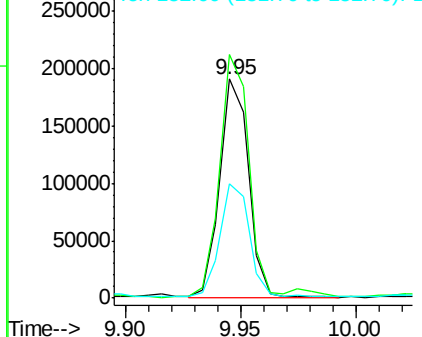
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

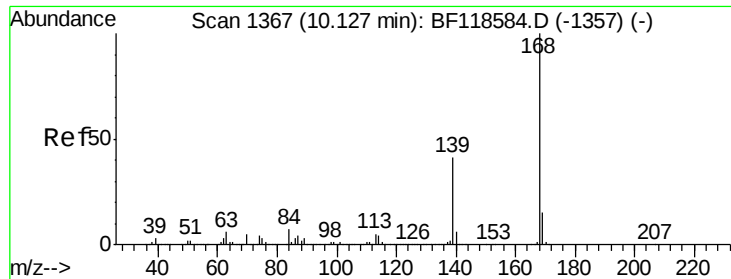


#52
Acenaphthene
Concen: 4.457 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	163809		
153	111.2		87.6	131.4
152	52.2		44.4	66.6

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





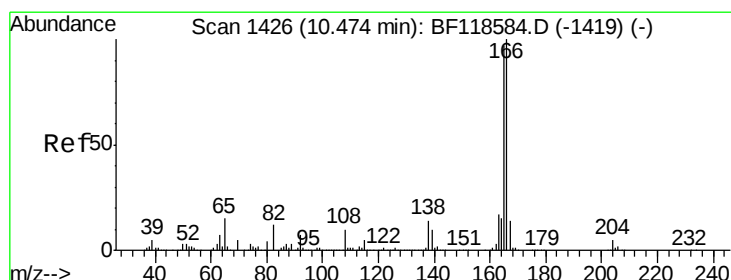
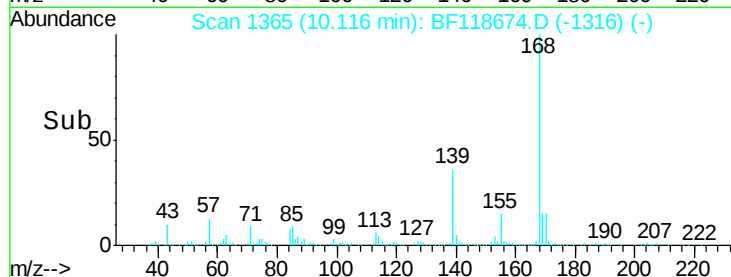
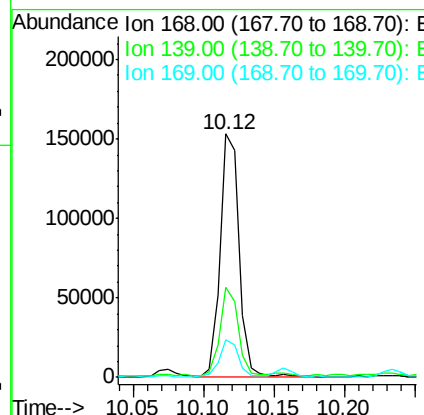
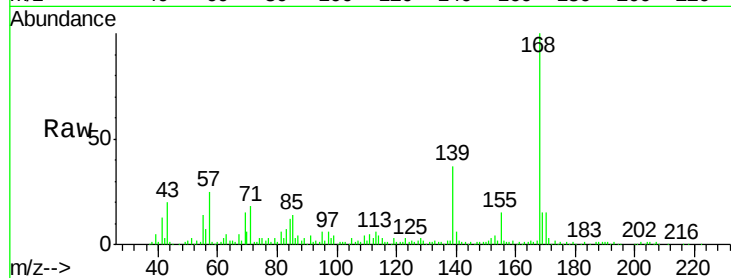
#55
Dibenzenofuran
Concen: 2.794 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	32.7	49.1
169	15.5	12.2	18.2

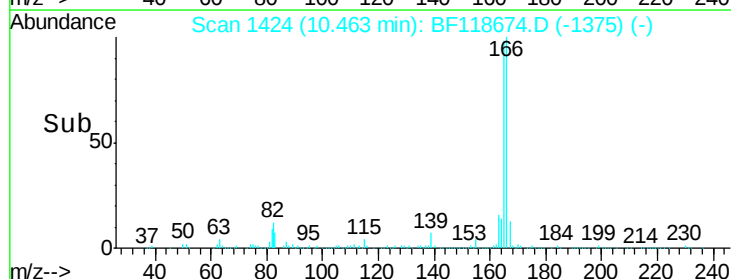
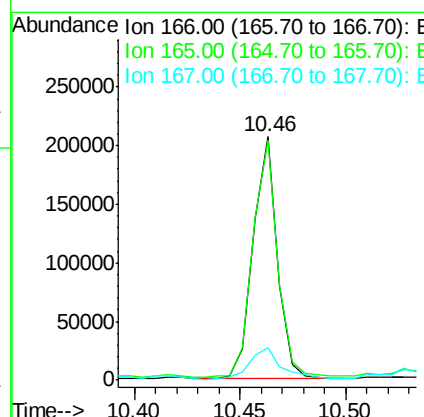
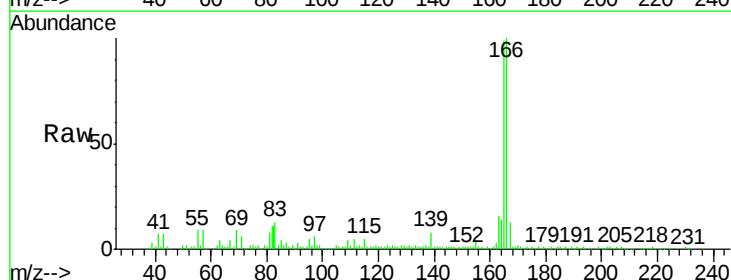
Manual Integrations
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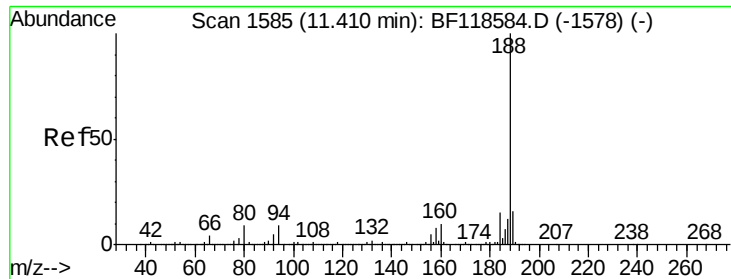
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#58
Fluorene
Concen: 4.090 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.3	115.9
167	13.2	11.5	17.3





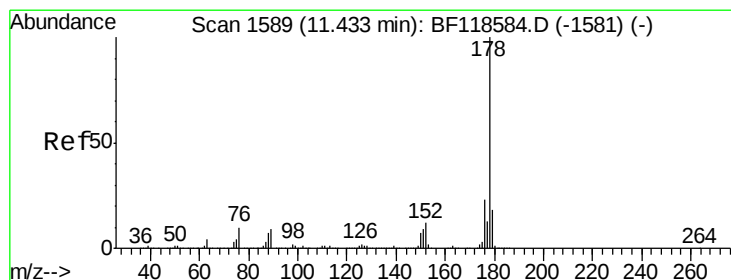
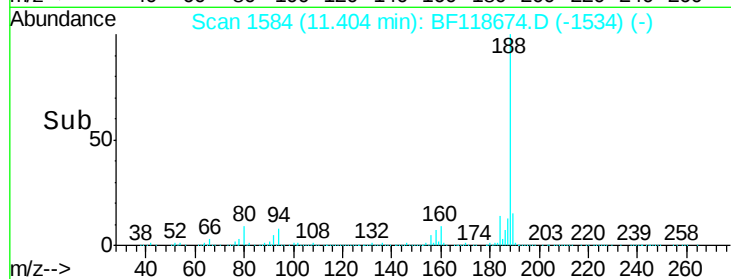
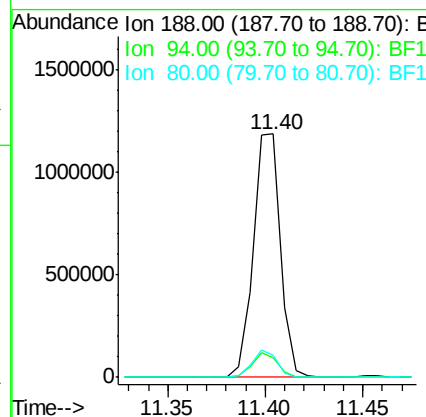
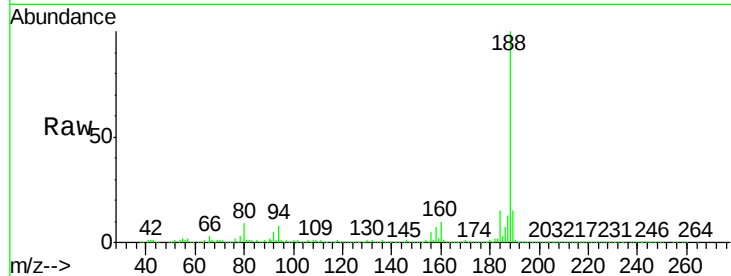
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.9	7.5	11.3

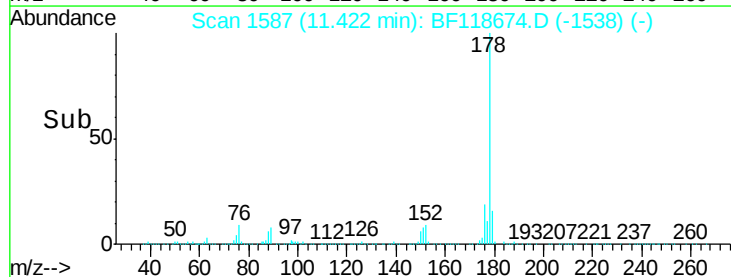
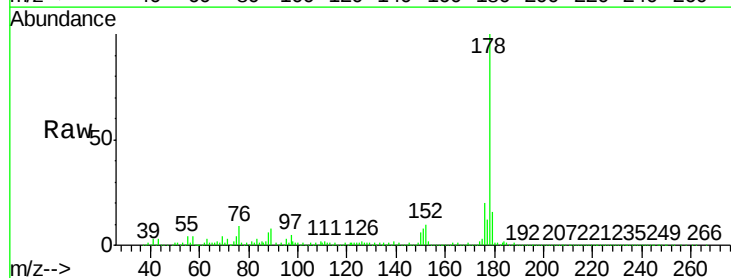
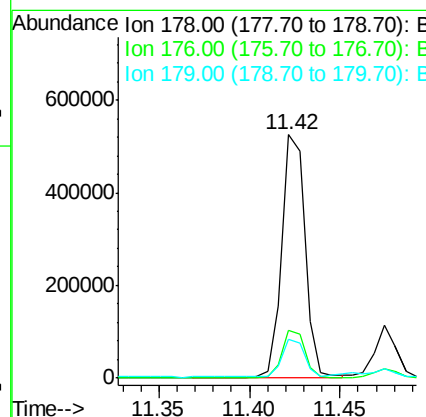
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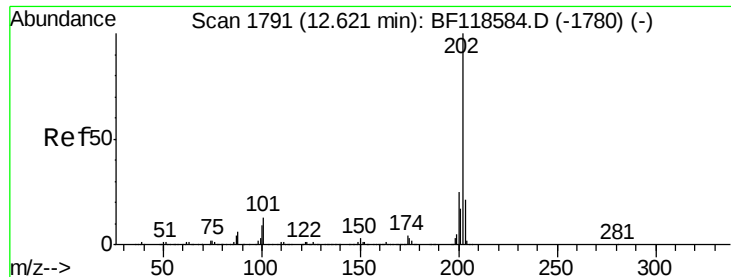
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#71
Phenanthrene
Concen: 8.550 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.6	27.8
179	16.0	14.7	22.1





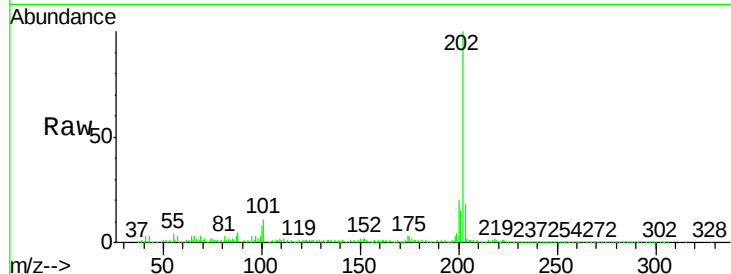
#75
 Fluoranthene
 Concen: 5.920 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

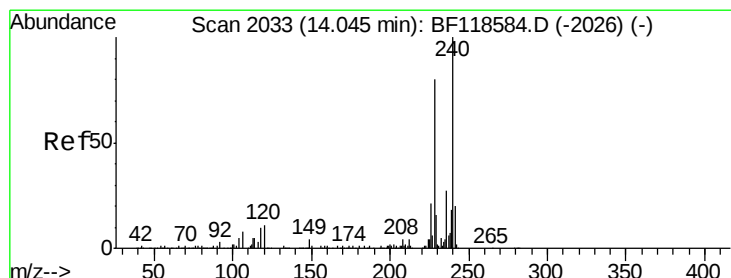
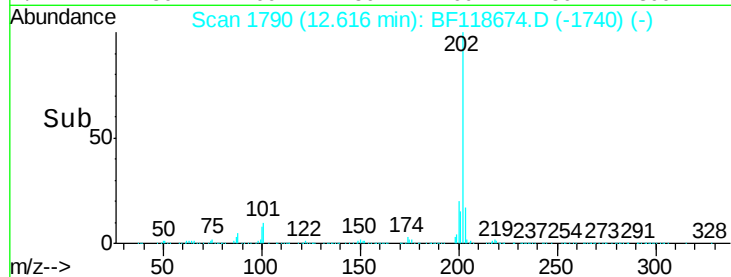
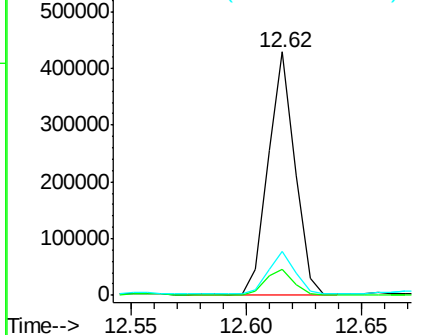
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	32.5
203	17.9	0.8	40.8

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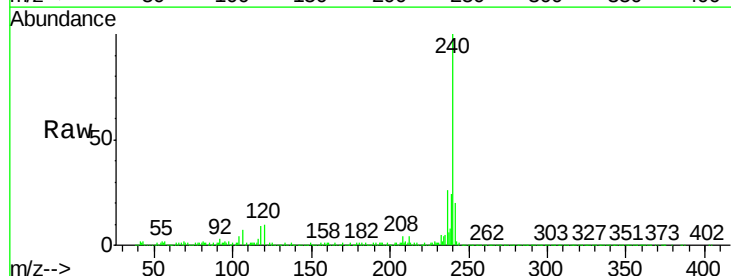


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

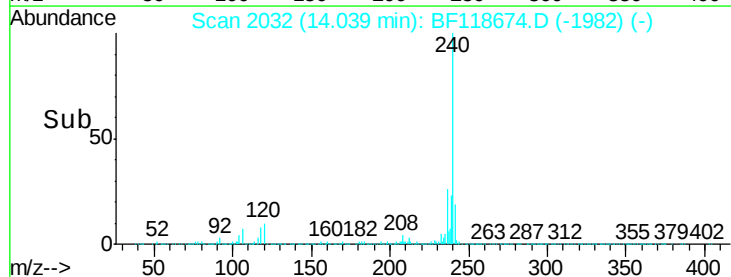
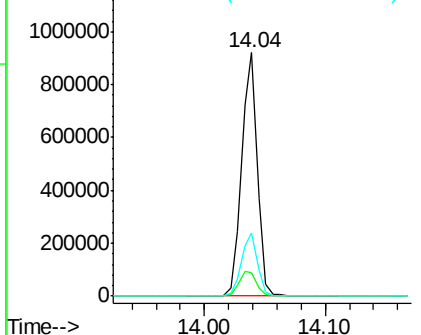


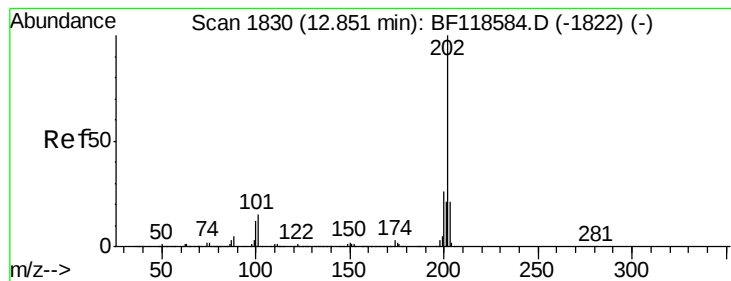
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	8.9	13.3
236	25.7	21.5	32.3



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





#78

Pvrene

Concen: 4.739 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Instrument :

BNA_F

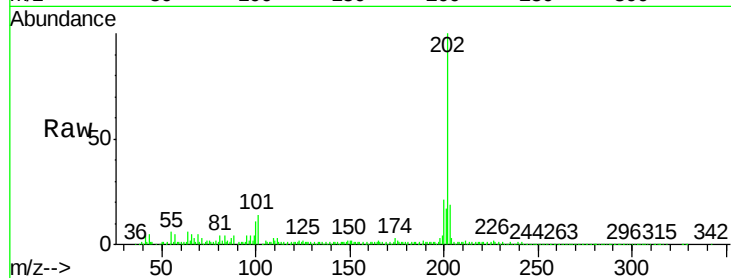
ClientSampleId :

TP-2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	267189		
200	20.7	20.6	31.0	
203	18.7	16.8	25.2	

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.84

300000

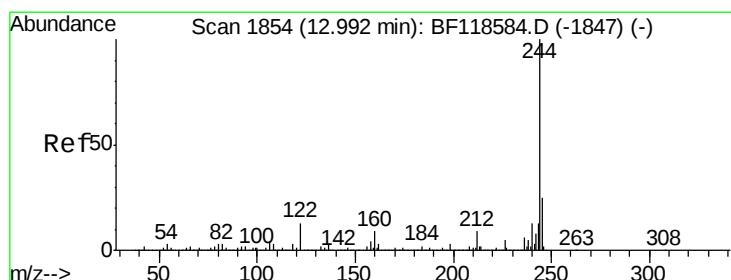
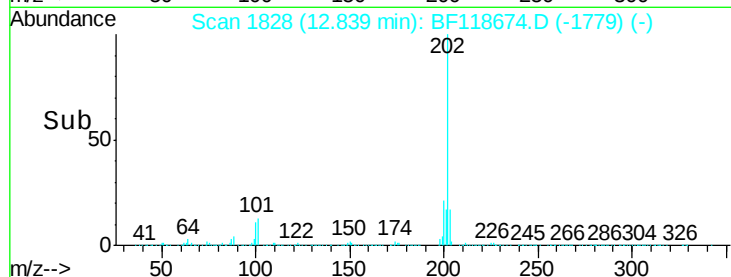
200000

100000

0

12.80 12.85 12.90

Time-->



#79

Terphenyl-d14

Concen: 64.084 ng

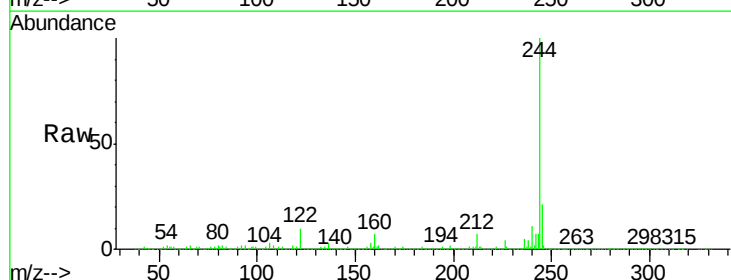
RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	2440195		
212	6.9	7.0	10.4#	
122	10.4	10.7	16.1#	



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

12.99

3000000

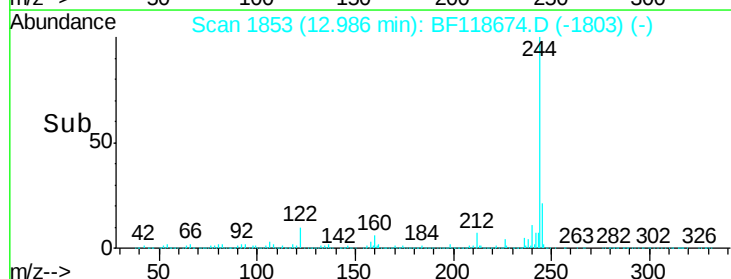
2000000

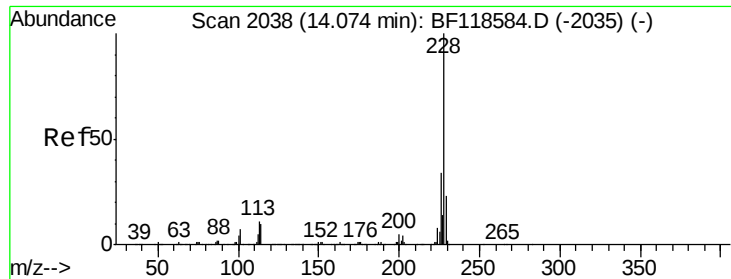
1000000

0

12.90 13.00

Time-->





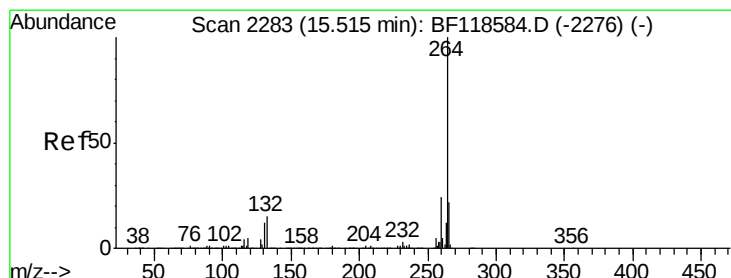
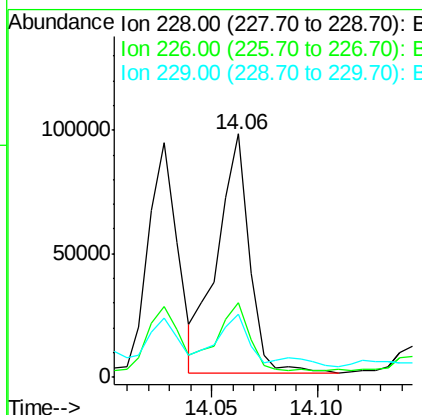
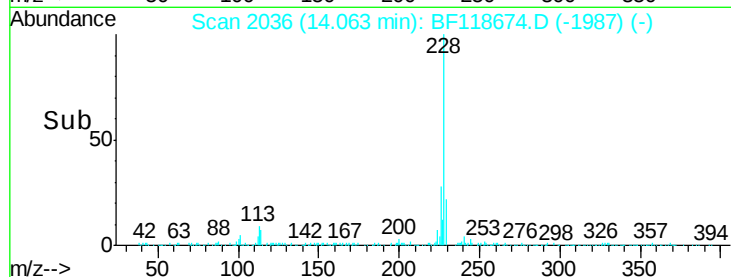
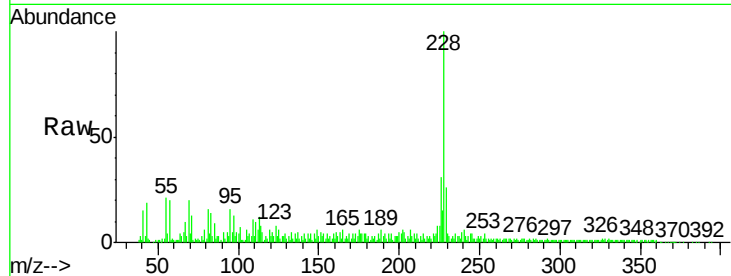
#83
Chrysene
Concen: 2.120 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:	228	Resp:	101495
Ion Ratio	Lower	Upper	
228	100		
226	30.5	27.4	41.0
229	26.0	18.3	27.5

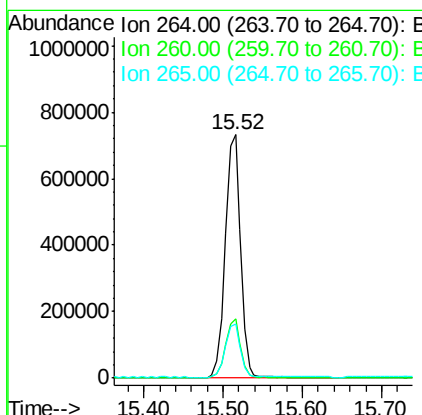
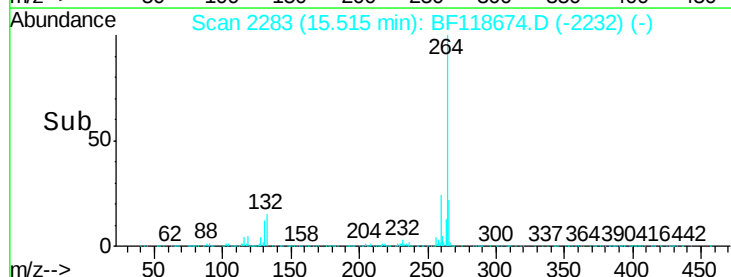
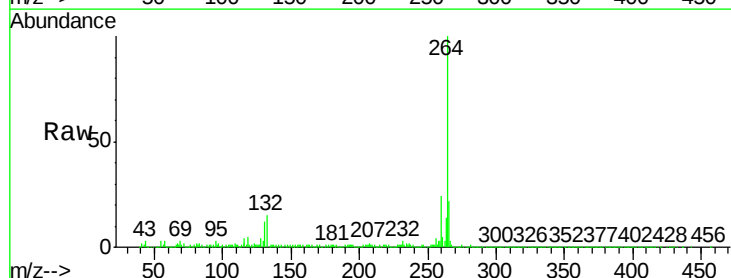
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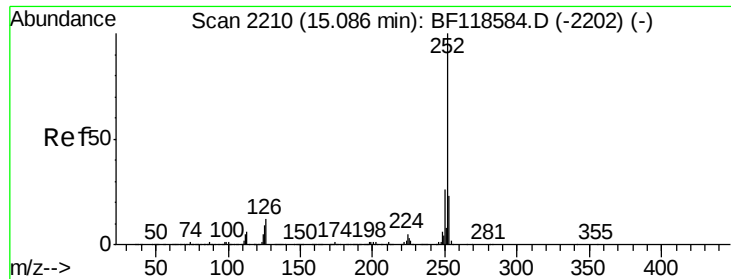
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion:	264	Resp:	972733
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.6	29.4
265	22.0	17.7	26.5





#88
 Benzo(b)fluoranthene
 Concen: 2.020 ng/mL
 RT: 15.08 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:	252	Resp:	123497
Ion Ratio	Lower	Upper	
252	100		
253	32.2	18.7	28.1#
125	18.5	7.3	10.9#

Manual Integrations
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