

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118700.D
 Acq On : 24 Jan 2020 22:03
 Operator : CG/JU
 Sample : L1242-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200064-AMENDED-COMP-2

Manual Integrations
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Quant Time: Jan 27 03:00:20 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	6.86	152	257658	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	930940	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	481162	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	822754	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	525564	20.00	ng	-0.03
87) Perylene-d12	15.48	264	627334	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	309050	22.28	ng	-0.02
7) Phenol-d6	6.49	99	813597	45.12	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1016766	61.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	82107	14.75	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	1697209	57.98	ng	-0.02
79) Terphenyl-d14	12.96	244	1669984	69.30	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	78254	3.808	ng	98
50) Dimethylphthalate	9.61	163	384850	12.277	ng	98
75) Fluoranthene	12.59	202	103161	2.464	ng	94
78) Pyrene	12.82	202	109247m	3.062	ng	
81) Benzo(a)anthracene	14.00	228	65374m	2.068	ng	
83) Chrysene	14.04	228	68794	2.270	ng	95

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

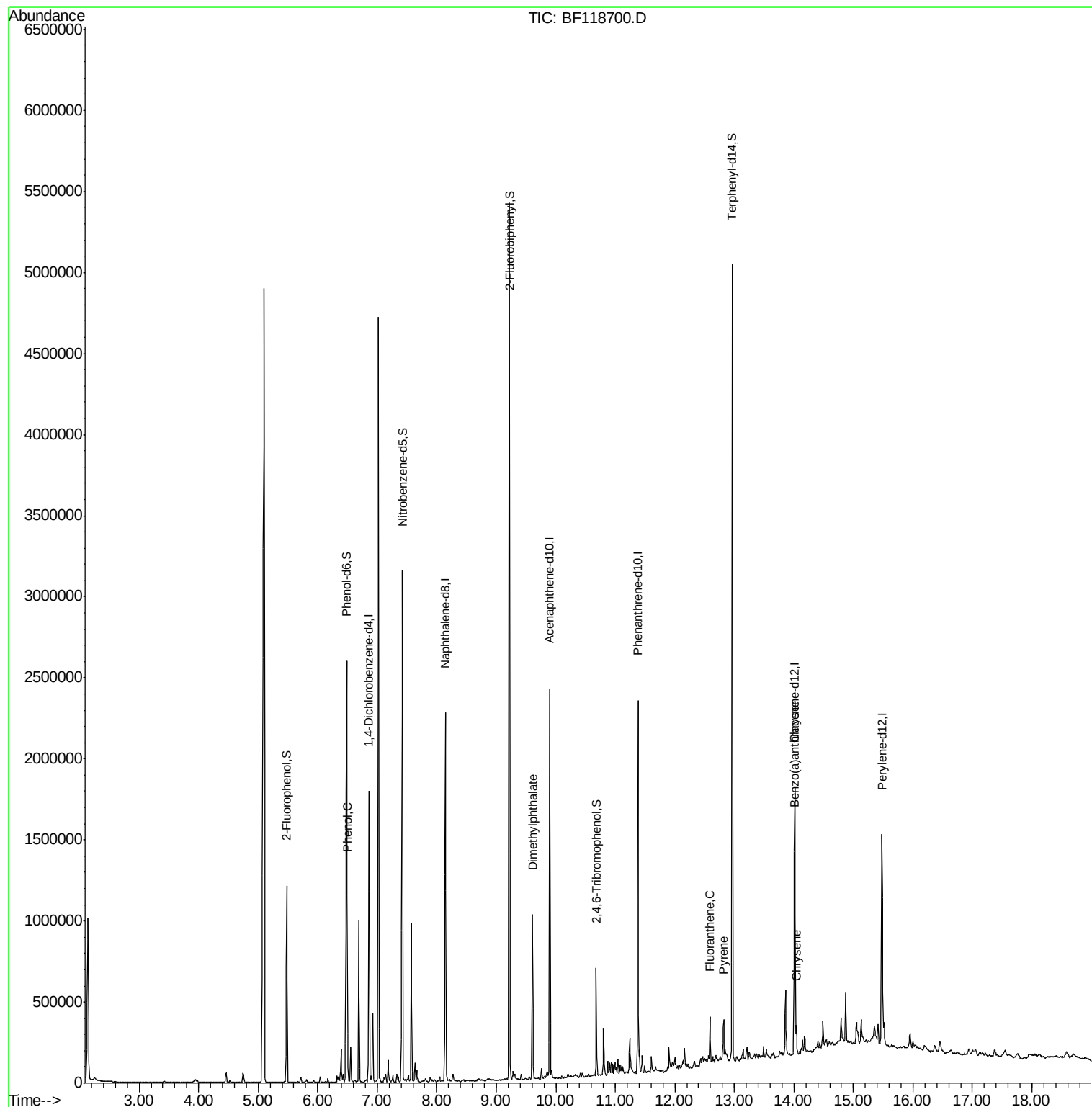
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118700.D
Acq On : 24 Jan 2020 22:03
Operator : CG/JU
Sample : L1242-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

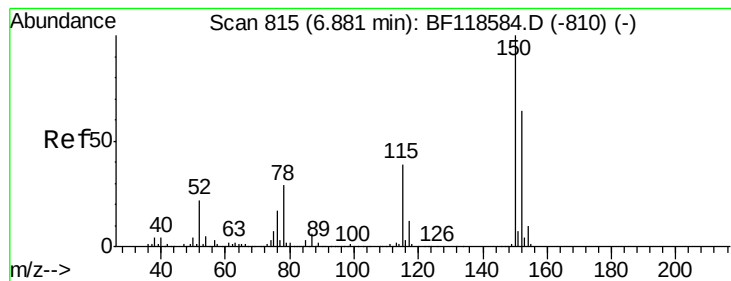
Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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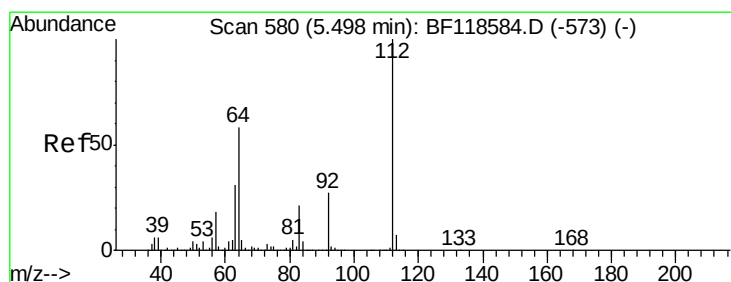
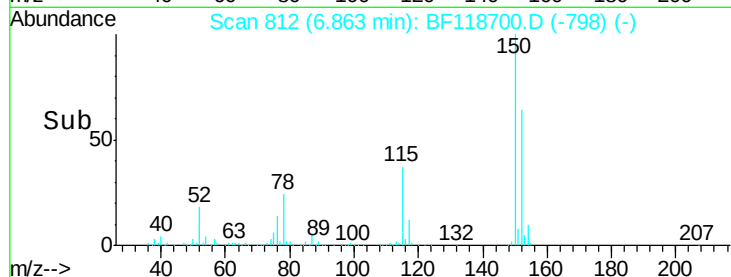
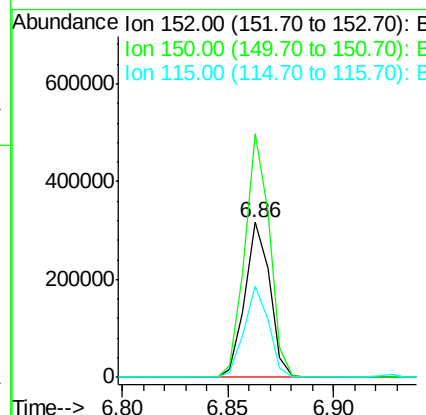
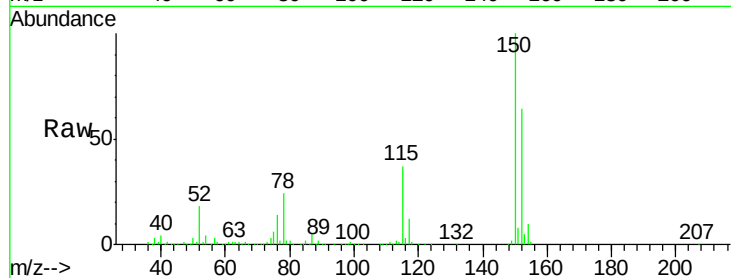
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF118700.D
 Acq: 24 Jan 2020 22:03

Instrument :
 BNA_F
 ClientSampleId :
 20200064-AMENDED-COMP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.6	188.4
115	58.9	48.4	72.6

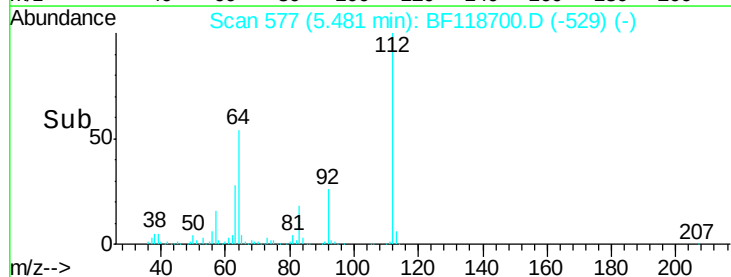
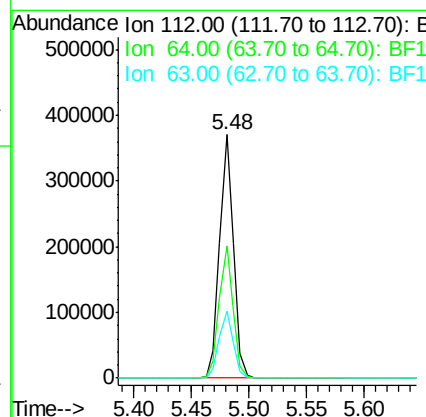
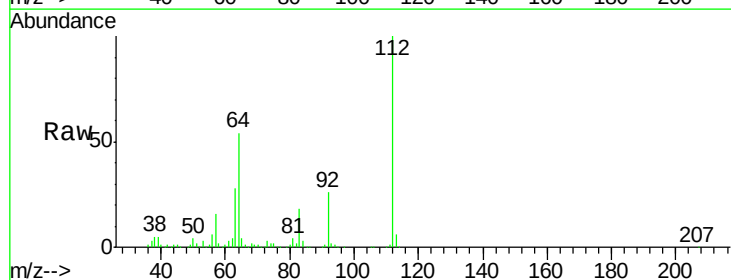
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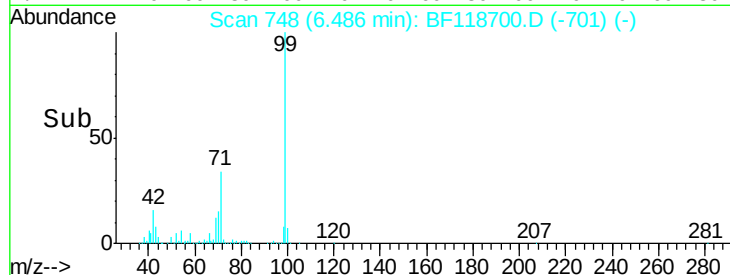
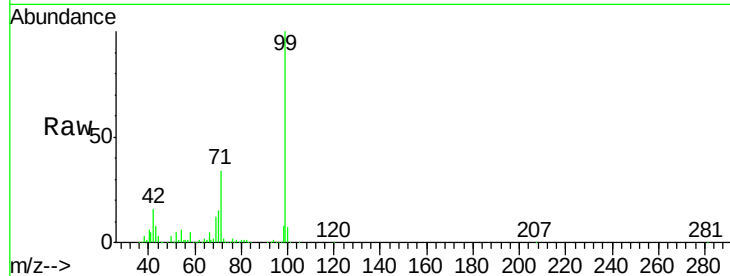
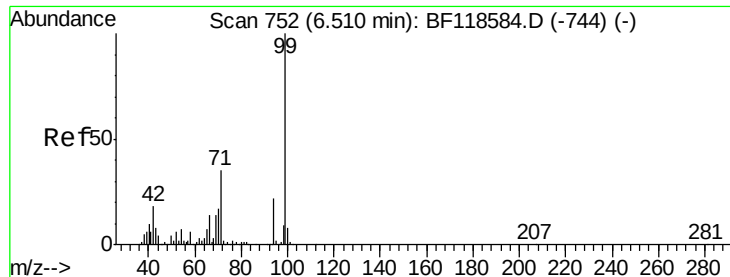
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#5
 2-Fluorophenol
 Concen: 22.277 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF118700.D
 Acq: 24 Jan 2020 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.6	70.0
63	27.8	25.1	37.7





#7

Phenol-d6

Concen: 45.121 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

Tot Ion:	99	Resp:	813597
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.2	21.2
71	33.8	27.8	41.6

Instrument :

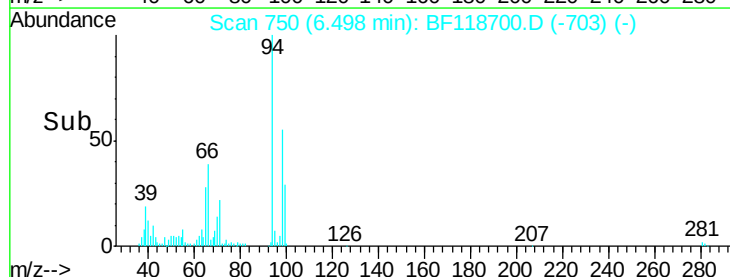
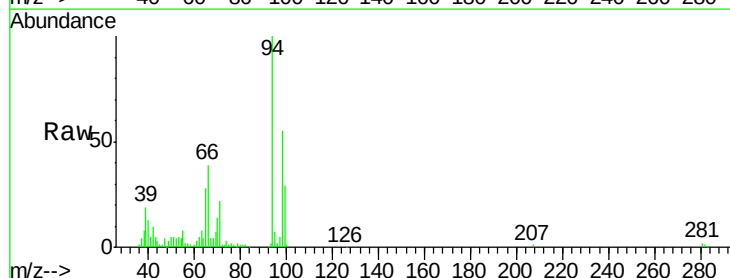
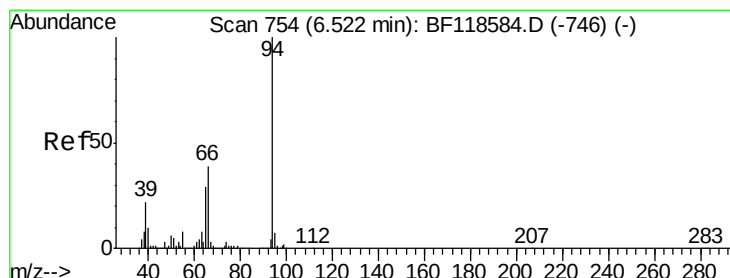
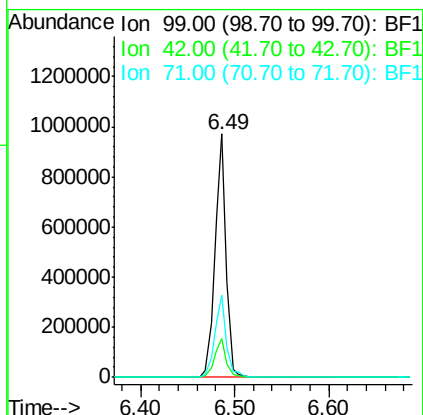
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 3.808 ng

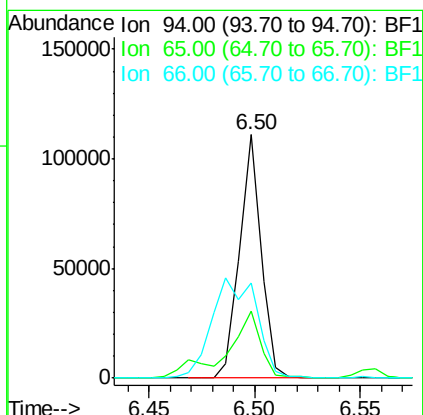
RT: 6.50 min Scan# 750

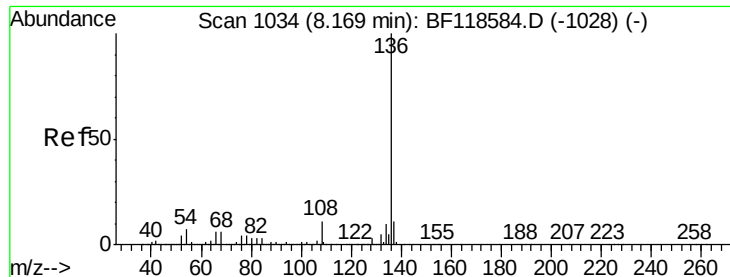
Delta R.T. -0.02 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

Tgt Ion:	94	Resp:	78254
Ion Ratio	Lower	Upper	
94	100		
65	27.5	9.5	49.5
66	39.1	18.5	58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

Instrument :

BNA_F

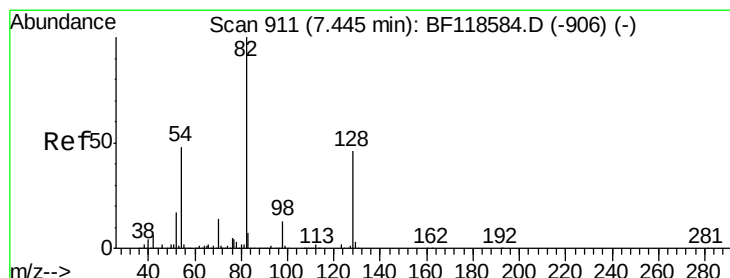
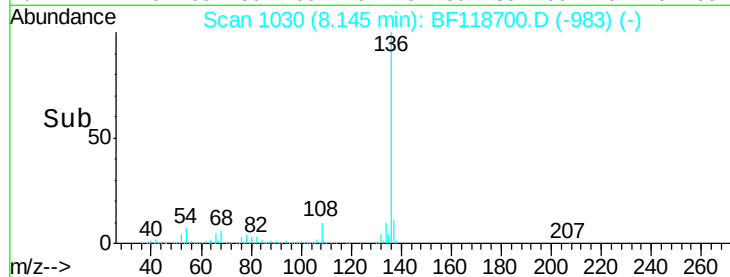
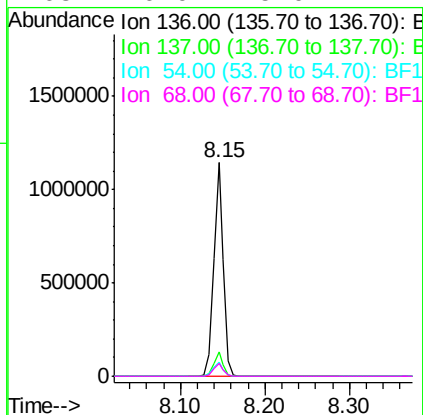
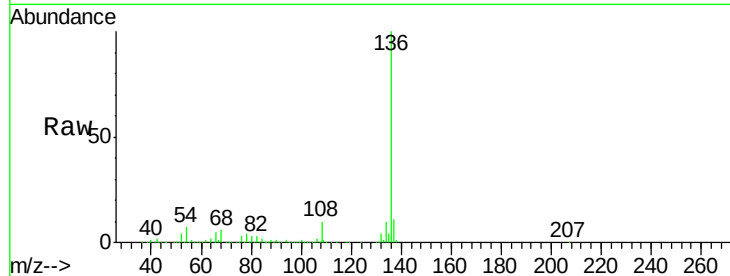
ClientSampleId :

20200064-AMENDED-COMP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		930940		
137	11.3		9.1	13.7	
54	6.8		5.8	8.6	
68	6.0		5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 61.091 ng

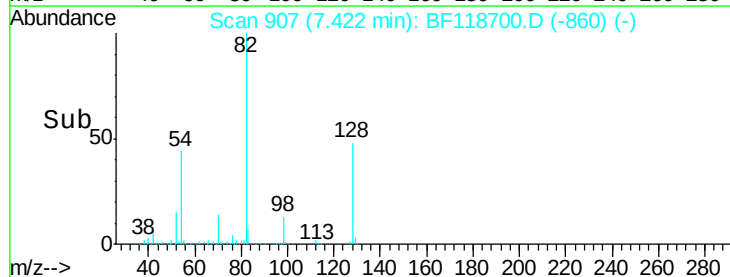
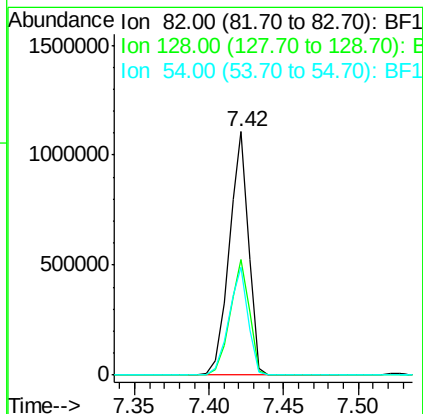
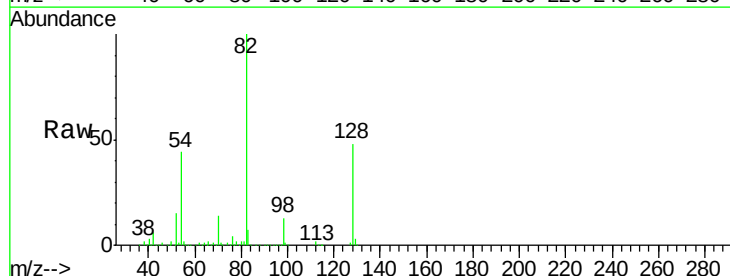
RT: 7.42 min Scan# 907

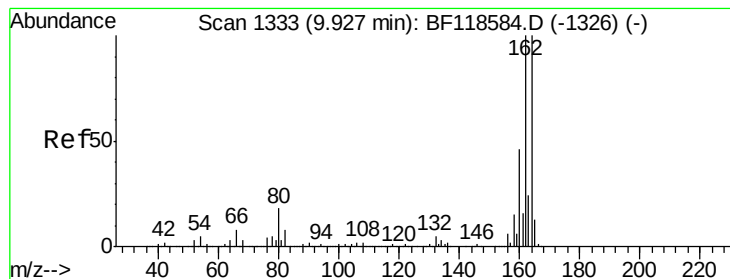
Delta R.T. -0.02 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1016766		
128	47.6		36.6	54.8	
54	44.5		38.0	57.0	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118700.D

Acq: 24 Jan 2020 22:03

Instrument :

BNA_F

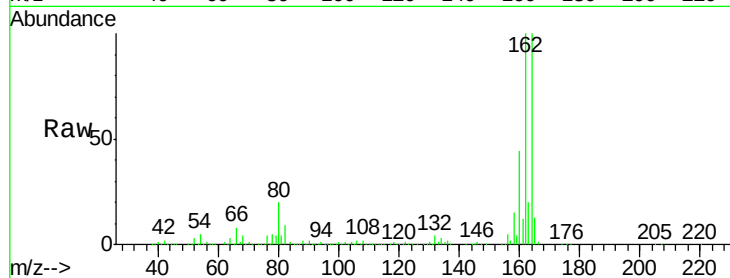
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20200064-AMENDED-COMP-2

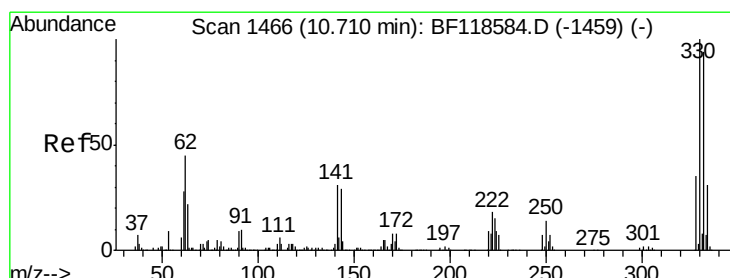
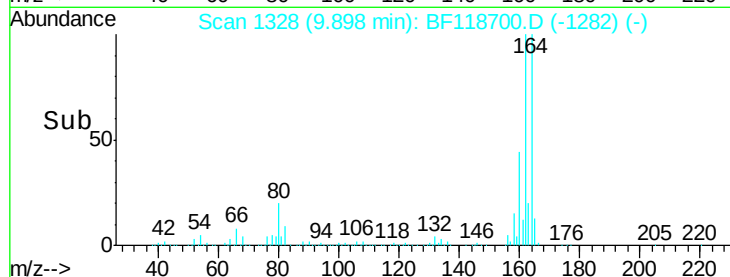
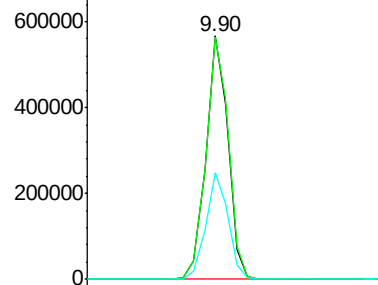
Tot Ion:	164	Resp:	481162
Ion Ratio	Lower	Upper	
164	100		
162	99.8	80.4	120.6
160	44.1	36.6	55.0

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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



#42

2,4,6-Tribromophenol

Concen: 14.754 ng

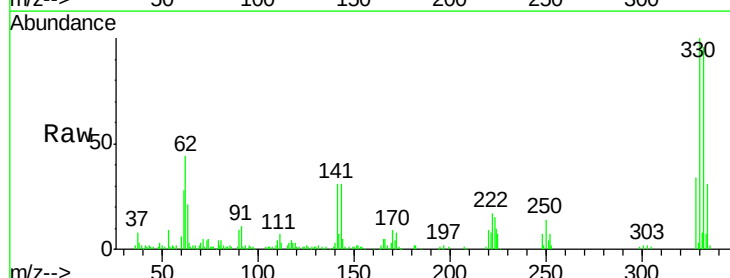
RT: 10.68 min Scan# 1461

Delta R.T. -0.03 min

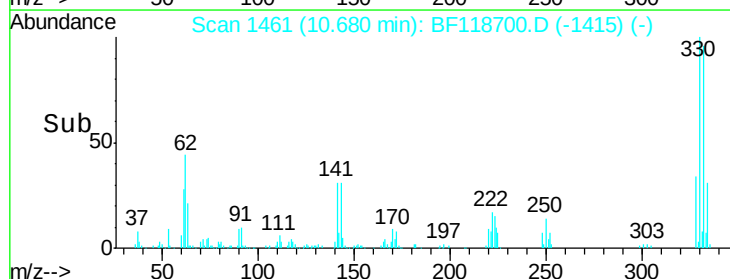
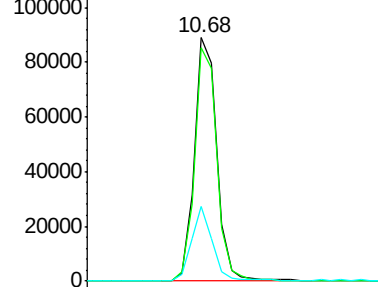
Lab File: BF118700.D

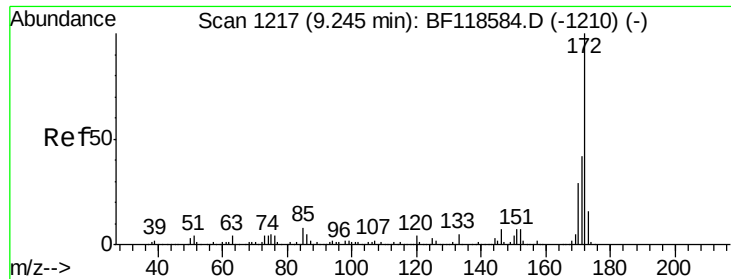
Acq: 24 Jan 2020 22:03

Tgt Ion:	330	Resp:	82107
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.2	114.4
141	29.5	23.9	35.9



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





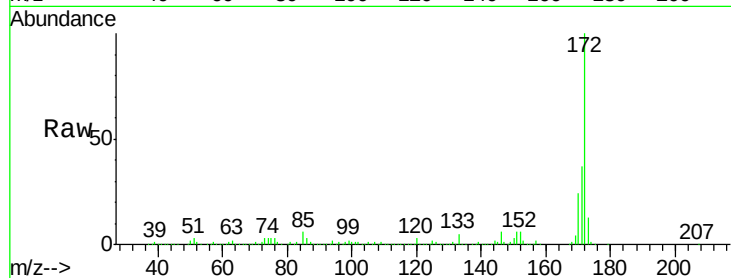
#45
2-Fluorobiphenyl
Concen: 57.975 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

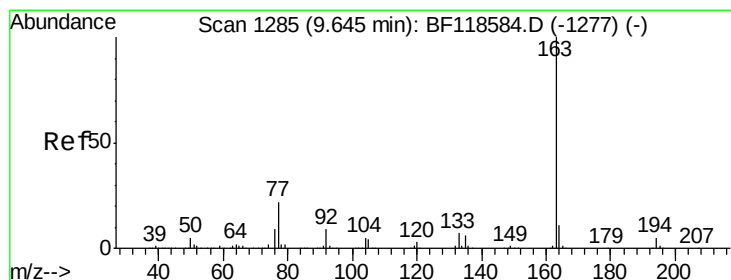
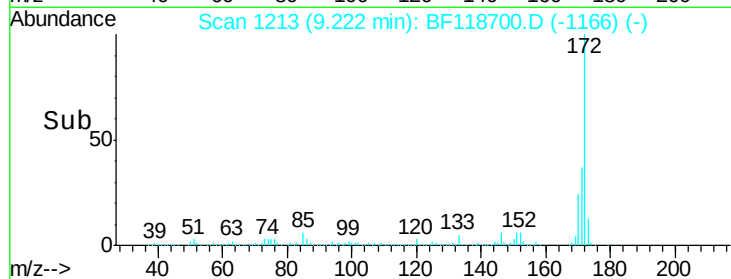
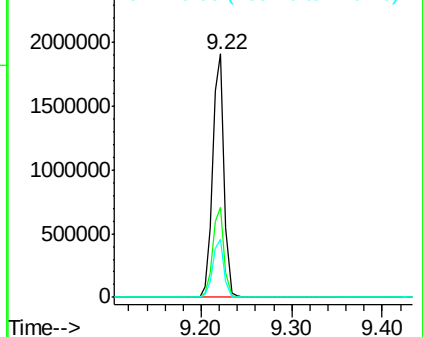
Tot Ion:172 Resp: 1697209
Ion Ratio Lower Upper
172 100
171 36.8 33.4 50.2
170 24.1 23.2 34.8

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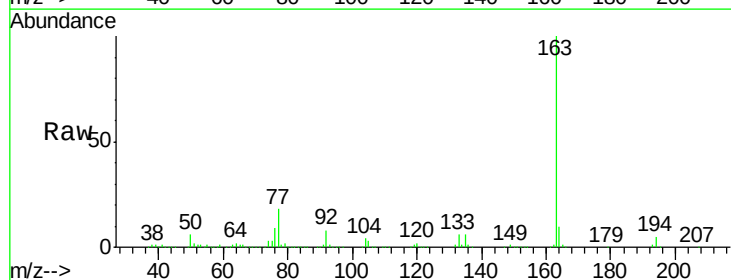


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

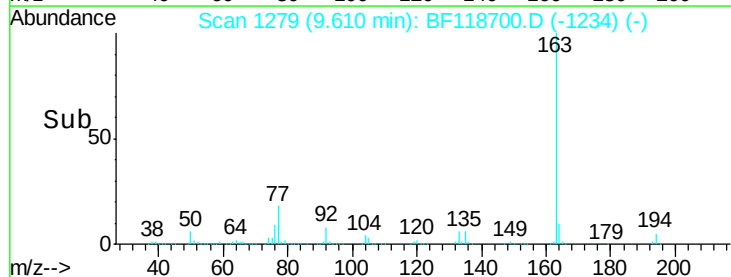
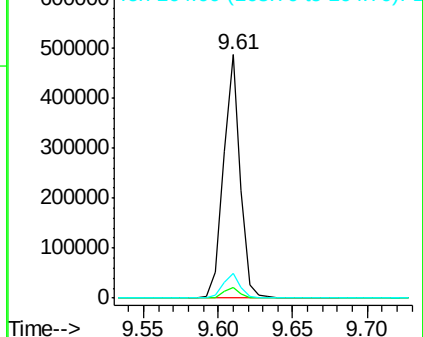


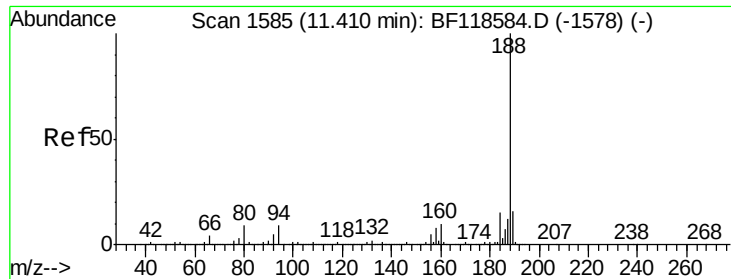
#50
Dimethylphthalate
Concen: 12.277 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.04 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion:163 Resp: 384850
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 10.3 9.1 13.7



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





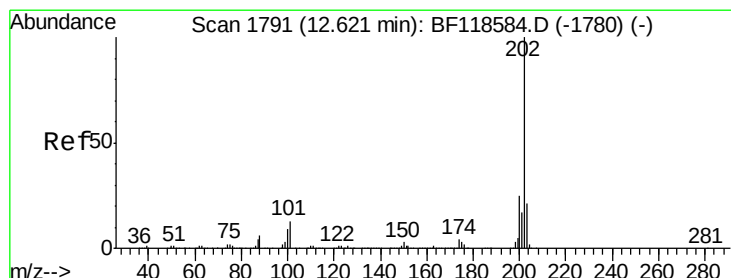
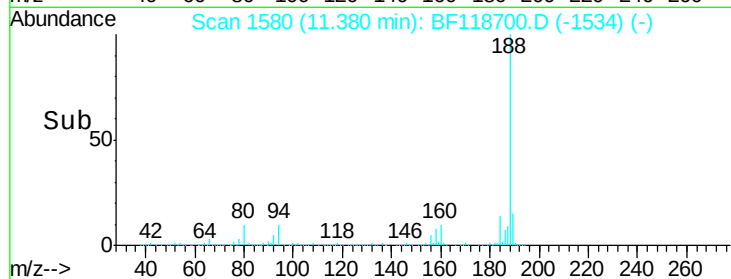
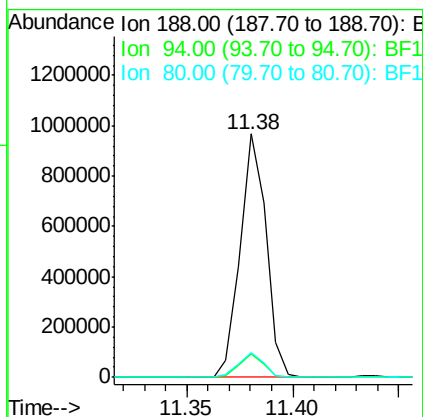
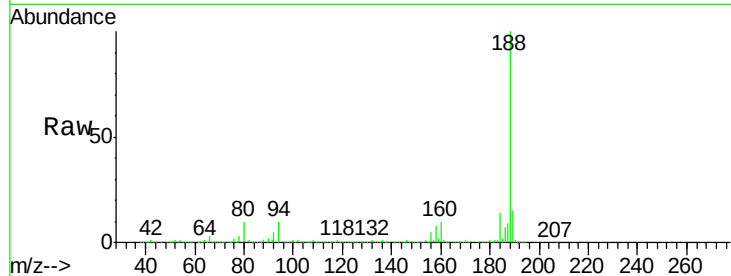
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	822754		
94	9.6		7.1	10.7
80	10.2		7.5	11.3

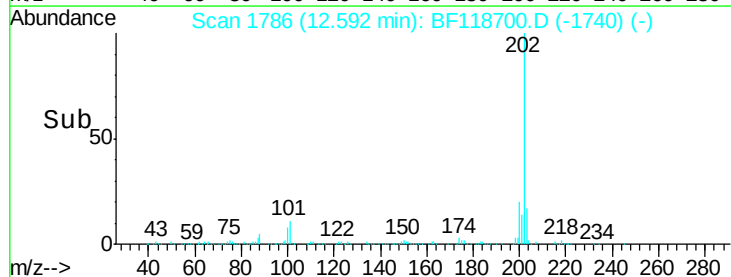
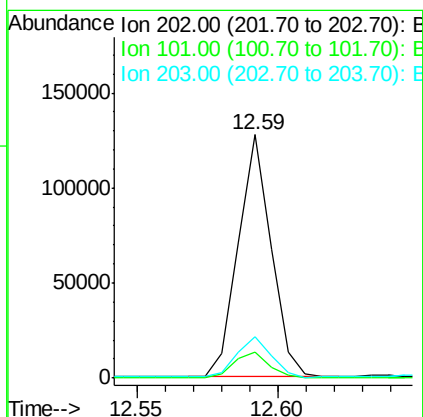
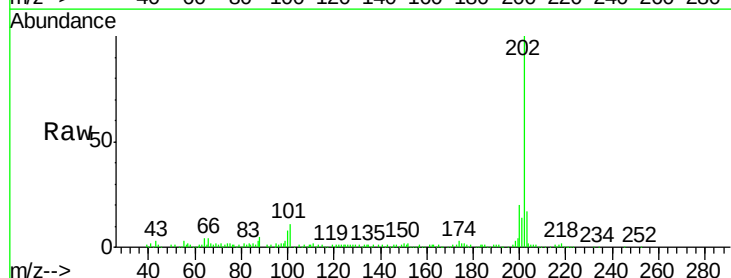
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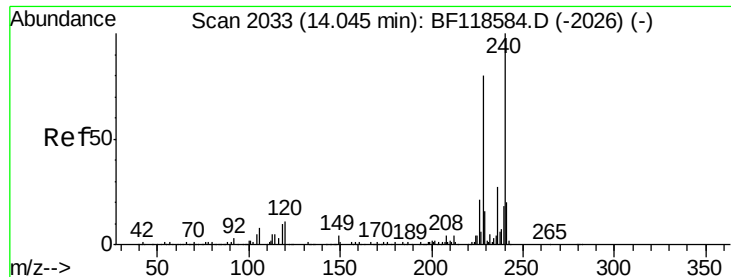
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#75
Fluoranthene
Concen: 2.464 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	103161		
101	10.9		0.0	32.5
203	17.2		0.8	40.8





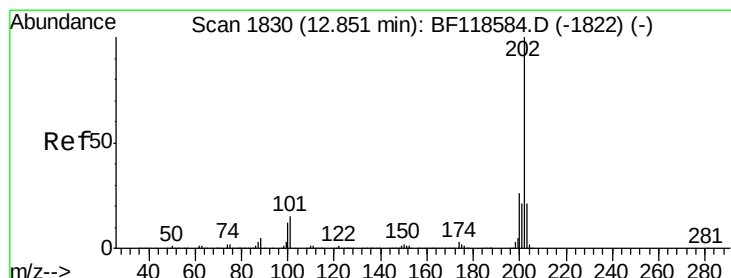
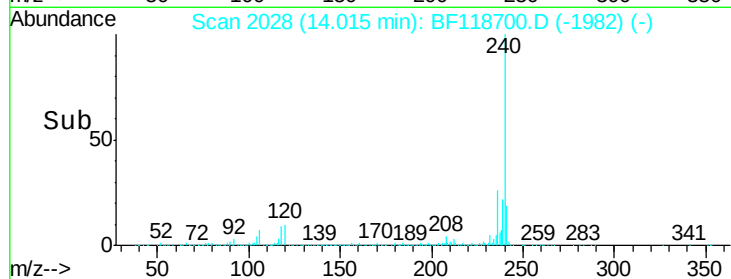
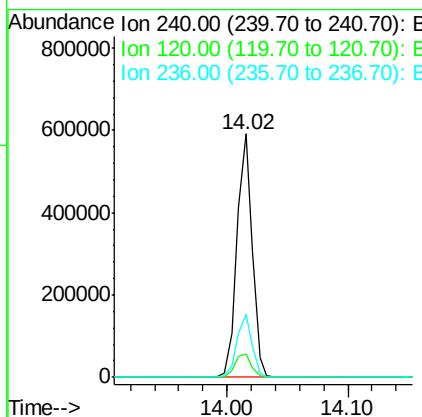
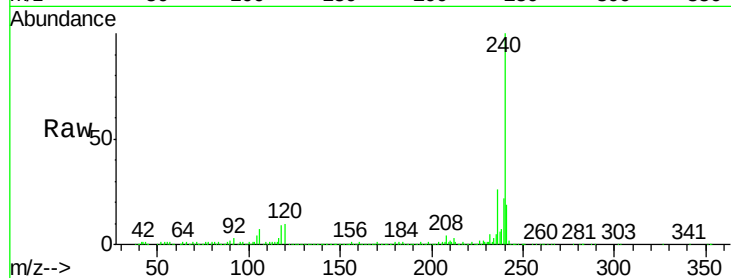
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.9	13.3
236	26.0	21.5	32.3

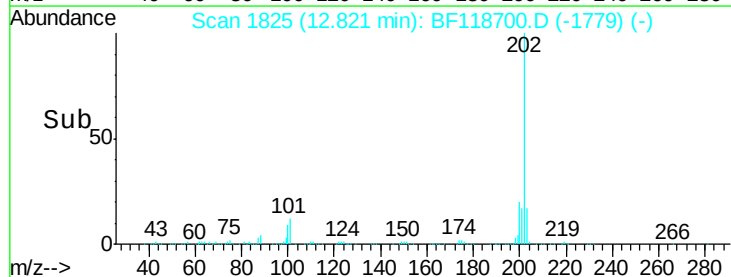
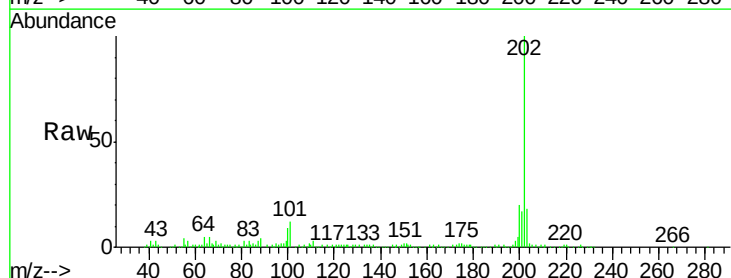
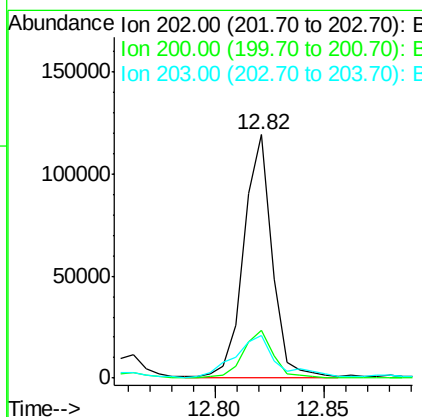
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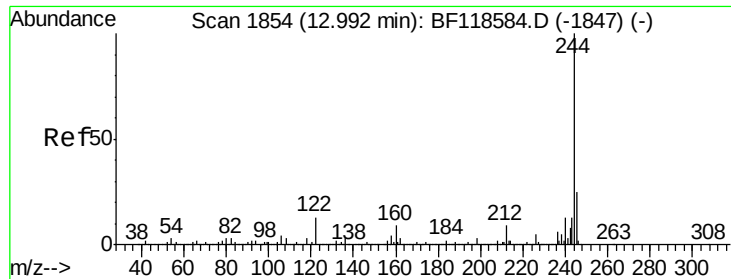
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#78
Pyrene
Concen: 3.062 ng m
RT: 12.82 min Scan# 1825
Delta R.T. -0.03 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	20.6	31.0#
203	17.6	16.8	25.2





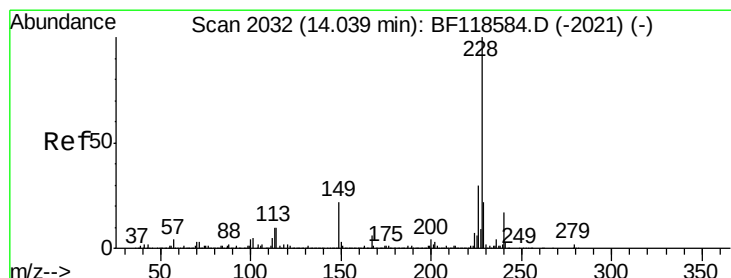
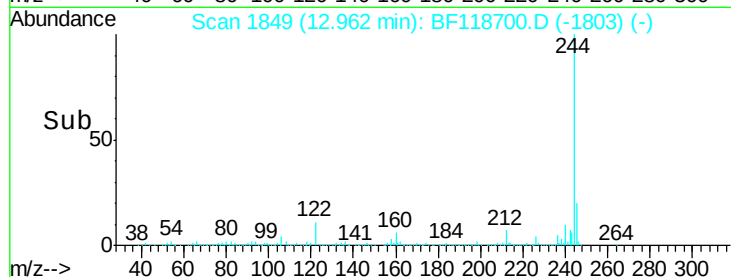
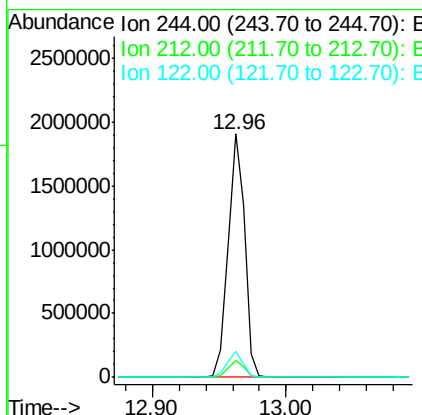
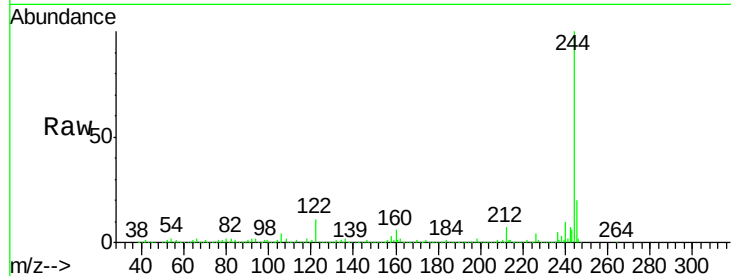
#79
 Terphenyl-d14
 Concen: 69.304 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118700.D
 Acq: 24 Jan 2020 22:03

Instrument :
 BNA_F
 ClientSampleId :
 20200064-AMENDED-COMP-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	7.0	10.4#
122	10.9	10.7	16.1

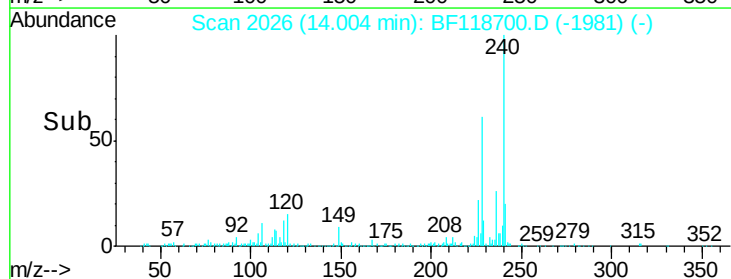
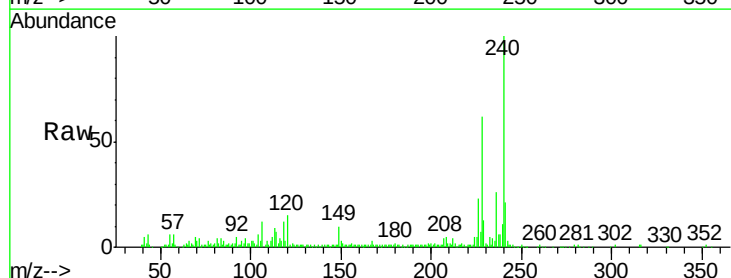
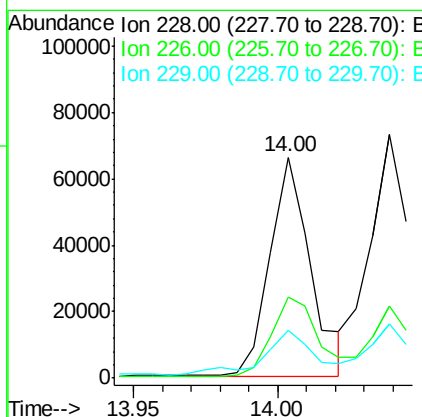
Manual Integrations
 APPROVED

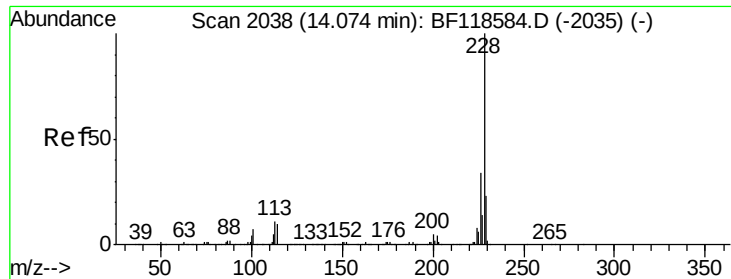
mohammad
 1/28/2020 8:12:43 AM



#81
 Benzo(a)anthracene
 Concen: 2.068 ng m
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF118700.D
 Acq: 24 Jan 2020 22:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.0	24.1	36.1#
229	21.7	17.6	26.4





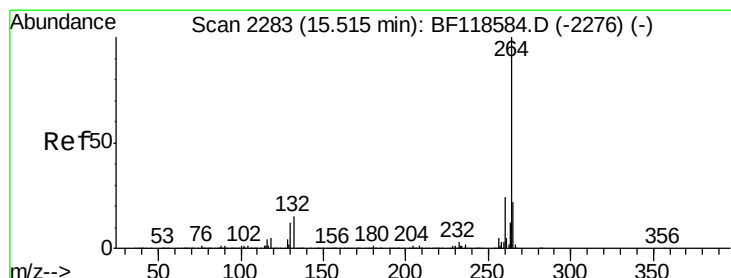
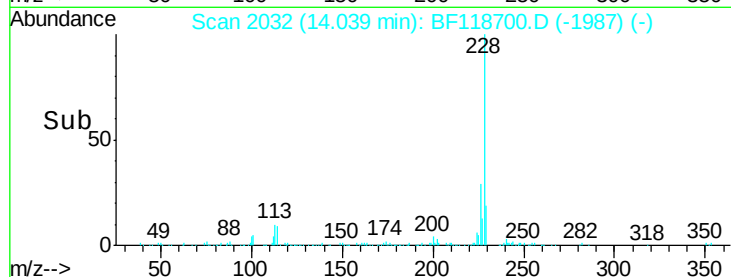
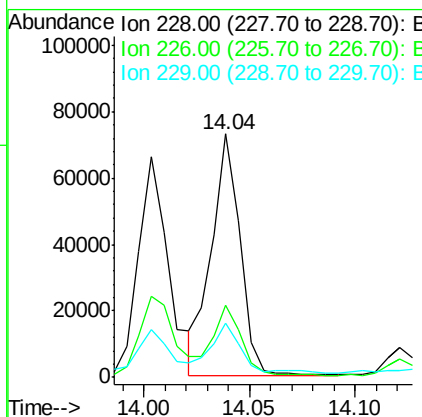
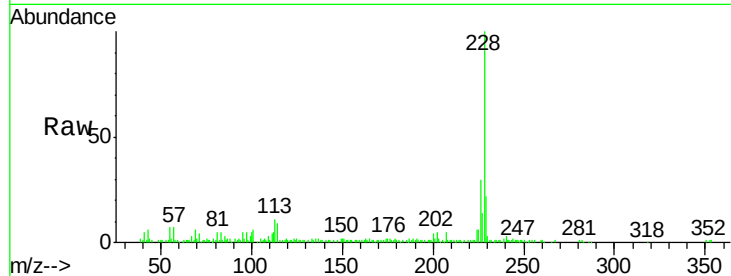
#83
Chrysene
Concen: 2.270 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Instrument :
BNA_F
ClientSampleId :
20200064-AMENDED-COMP-2

Tot Ion:	228	Resp:	68794
Ion Ratio	Lower	Upper	
228	100		
226	29.8	27.4	41.0
229	22.3	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/28/2020 8:12:43 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118700.D
Acq: 24 Jan 2020 22:03

Tgt Ion:	264	Resp:	627334
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.6	29.4
265	22.4	17.7	26.5

