

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118699.D
 Acq On : 24 Jan 2020 21:35
 Operator : CG/JU
 Sample : L1242-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200065-AMENDED-COMP-3

Manual Integrations
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mohammad
 1/28/2020 8:12:40 AM

Quant Time: Jan 27 02:54:29 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	251447	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	945723	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	517522	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	890115	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	620636	20.00	ng	-0.03
87) Perylene-d12	15.48	264	697100	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	62559	4.62	ng	-0.02
7) Phenol-d6	6.49	99	560743	31.87	ng	-0.02
23) Nitrobenzene-d5	7.42	82	994696	58.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	13192	2.20	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	1651826	52.46	ng	-0.02
79) Terphenyl-d14	12.96	244	1844712	64.83	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	72252	3.603	ng	95
20) 3+4-Methylphenols	7.26	107	88352	5.717	ng	# 57
50) Dimethylphthalate	9.61	163	351819	10.434	ng	97
75) Fluoranthene	12.59	202	200994	4.438	ng	94
78) Pyrene	12.82	202	176923	4.199	ng	# 91
81) Benzo(a)anthracene	14.00	228	97833	2.620	ng	95
83) Chrysene	14.04	228	89450	2.500	ng	93
88) Benzo(b)fluoranthene	15.05	252	100639m	2.297	ng	

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

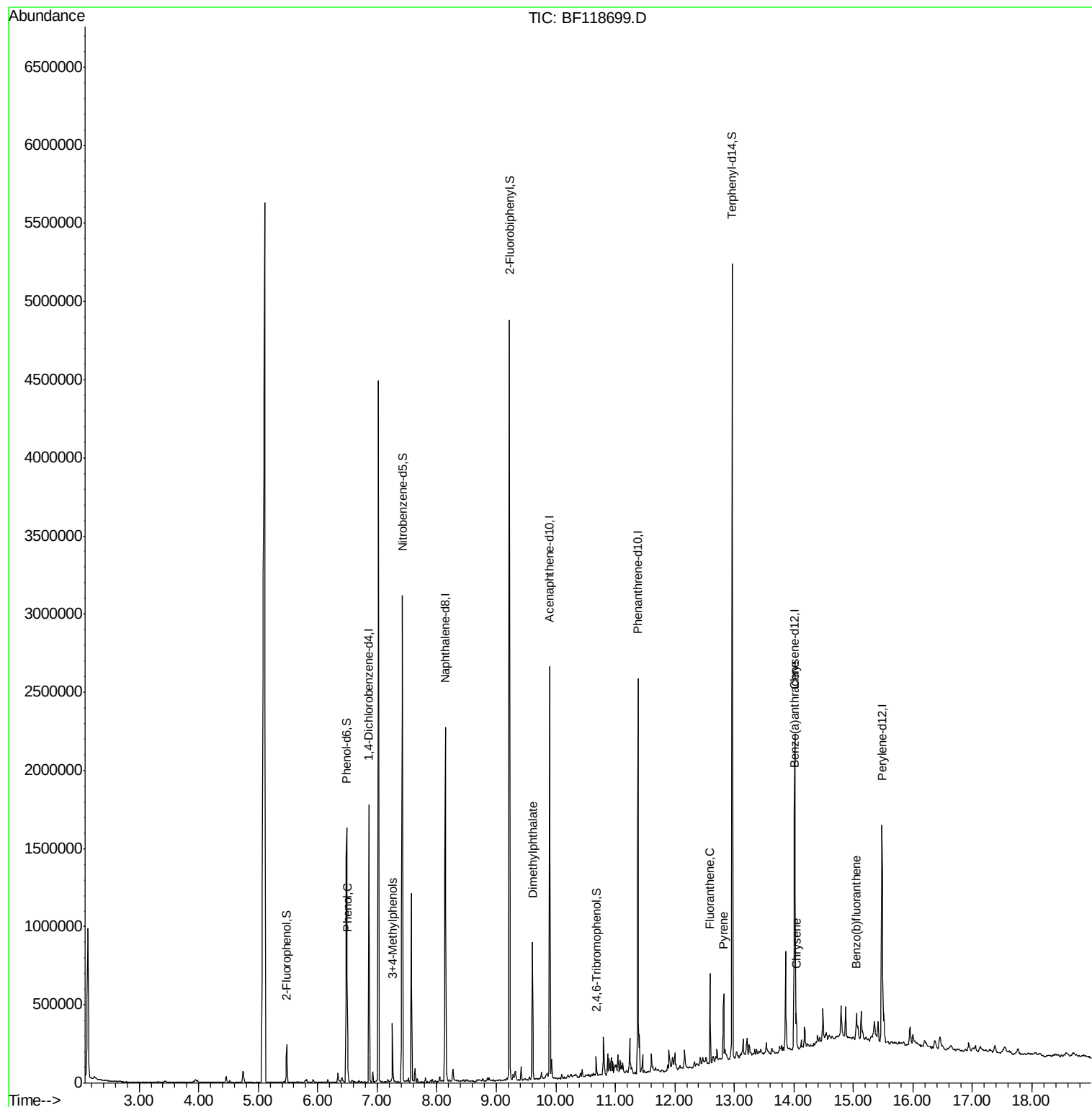
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118699.D
Acq On : 24 Jan 2020 21:35
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

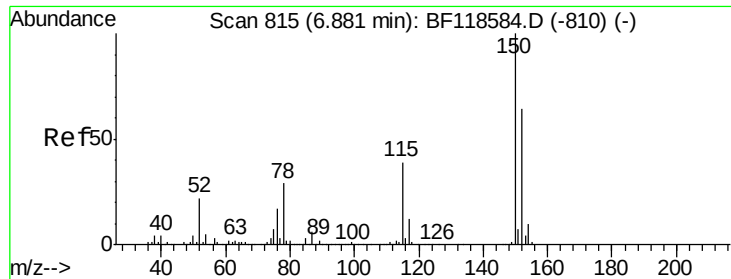
Instrument :
BNA_F
ClientSampleId :
20200065-AMENDED-COMP-3

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Quant Time: Jan 27 02:54:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

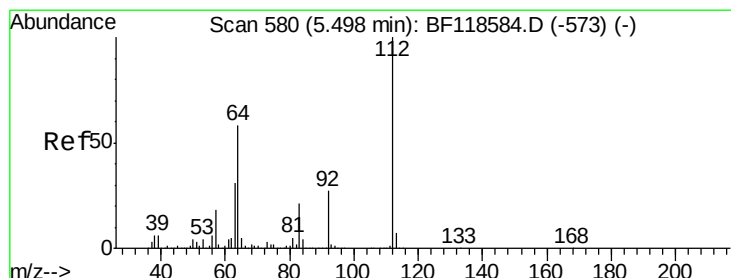
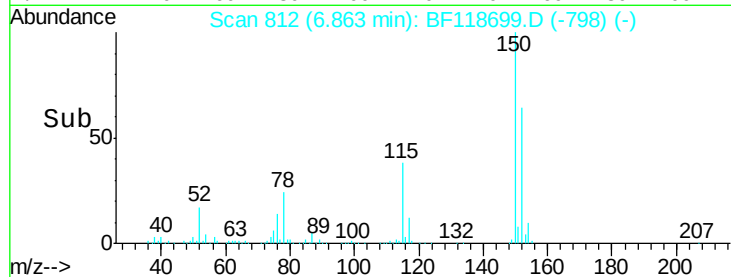
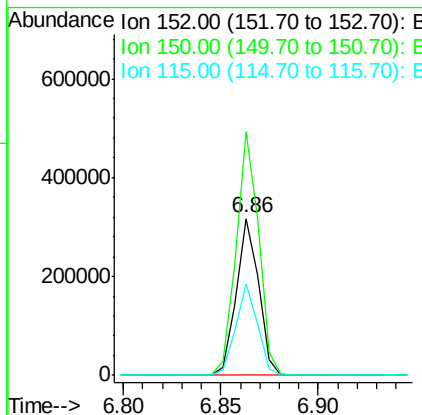
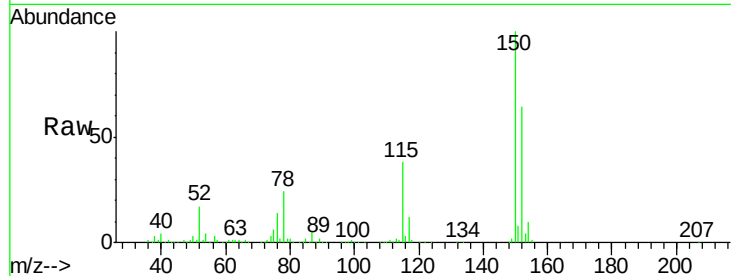
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Instrument :
BNA_F
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.6	188.4
115	58.7	48.4	72.6

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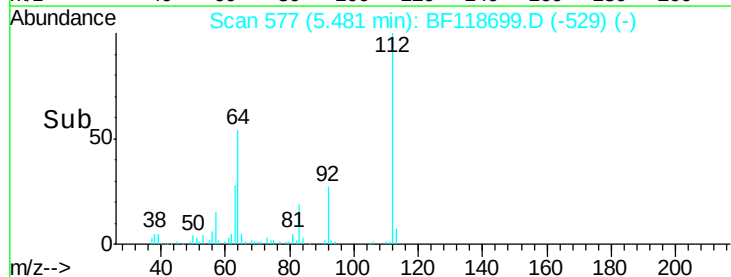
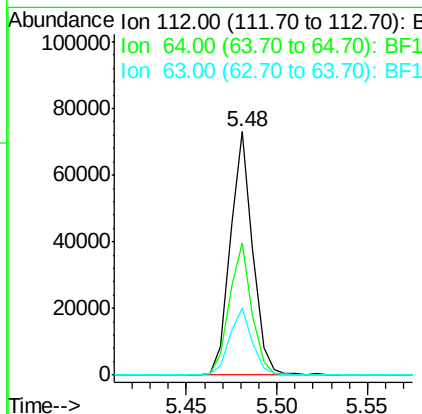
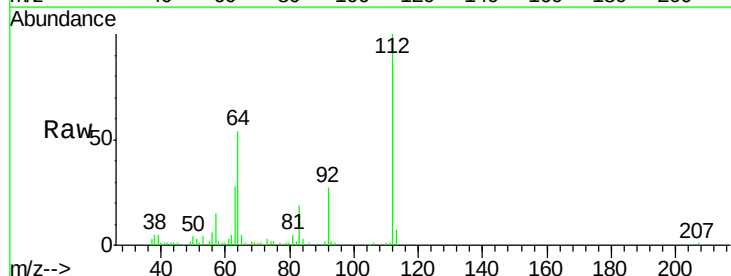
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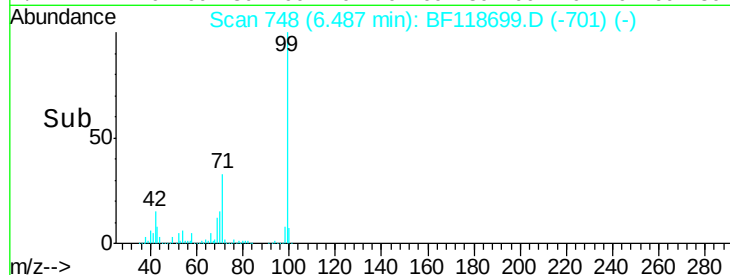
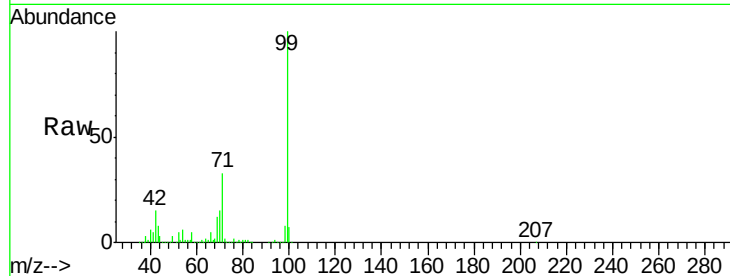
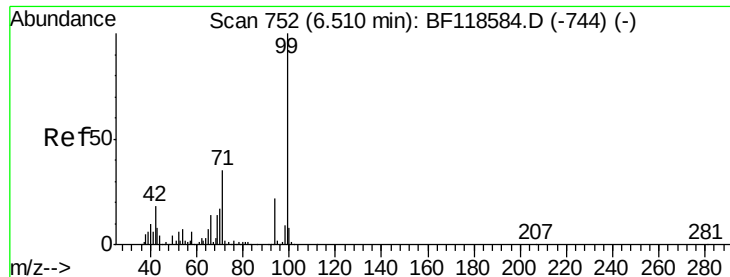


#5

2-Fluorophenol
Concen: 4.621 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.6	70.0
63	27.6	25.1	37.7





#7

Phenol-d6

Concen: 31.866 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Tot Ion:	99	Resp:	560743
Ion Ratio	Lower	Upper	
99	100		
42	14.6	14.2	21.2
71	32.8	27.8	41.6

Instrument :

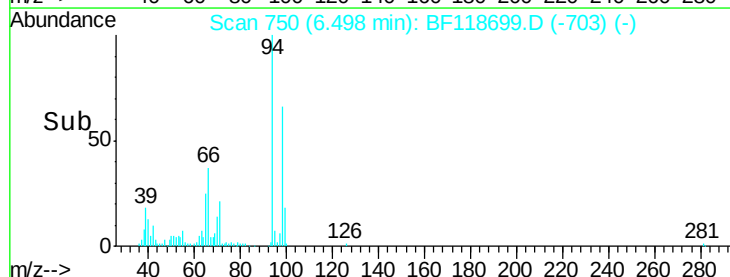
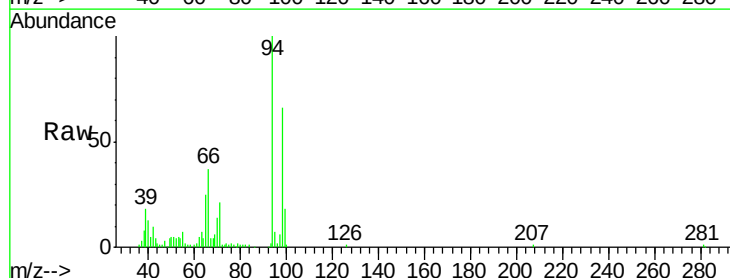
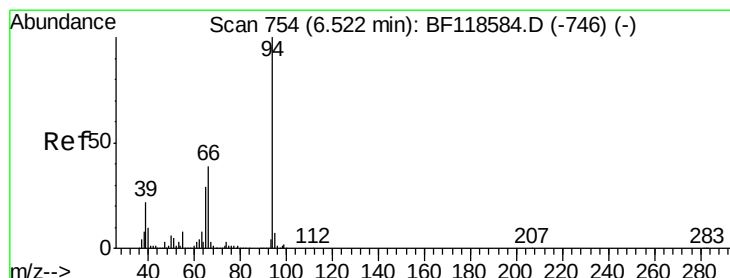
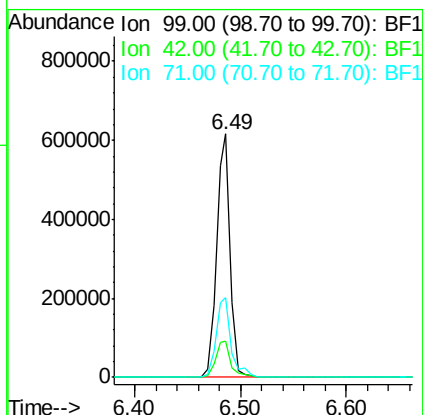
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 3.603 ng

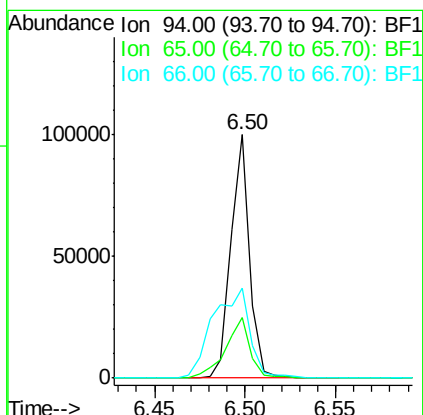
RT: 6.50 min Scan# 750

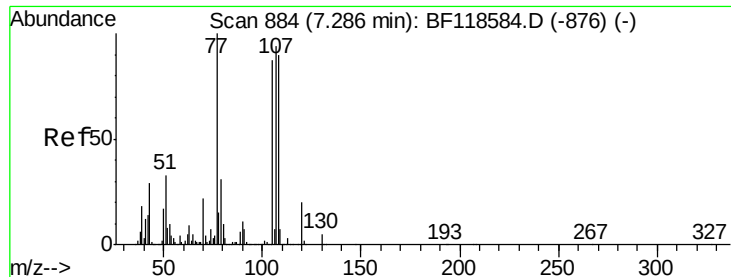
Delta R.T. -0.02 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Tgt Ion:	94	Resp:	72252
Ion Ratio	Lower	Upper	
94	100		
65	25.0	9.5	49.5
66	36.9	18.5	58.5





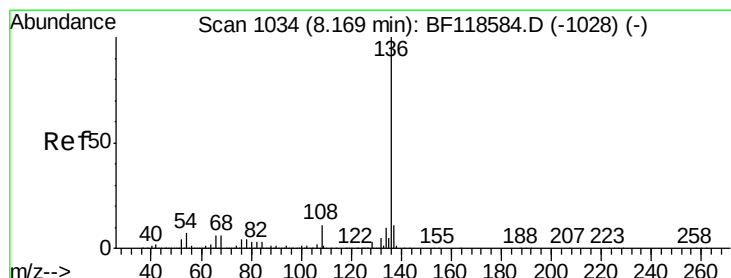
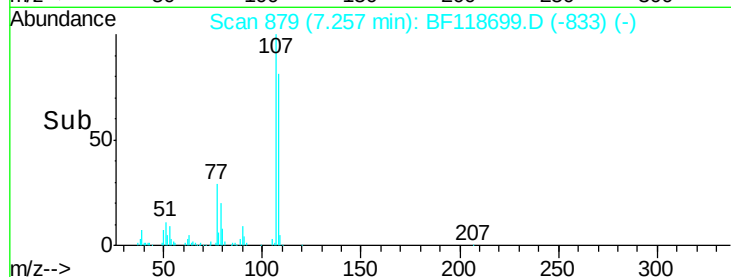
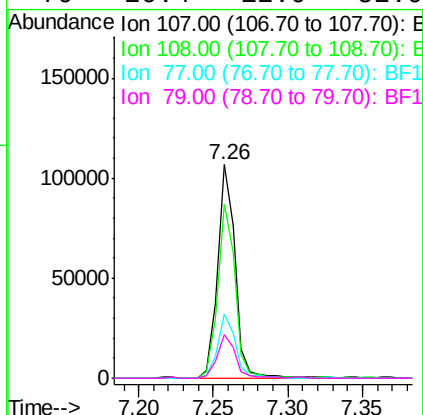
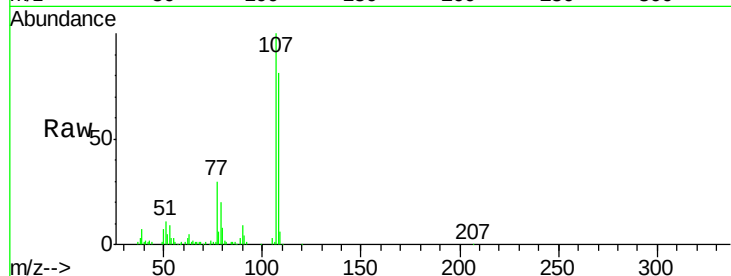
#20
3+4-Methylphenols
Concen: 5.717 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
88352	107	100			
	108	81.3		75.8	115.8
	77	29.9		86.5	126.5#
	79	20.4		12.9	52.9

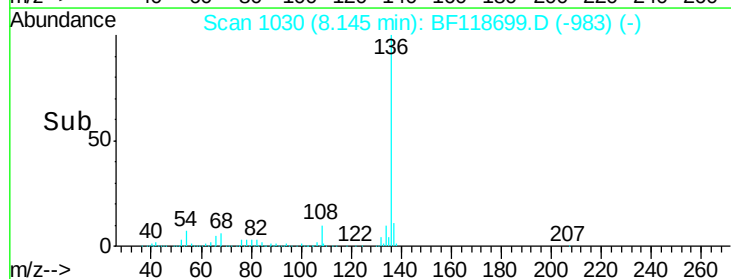
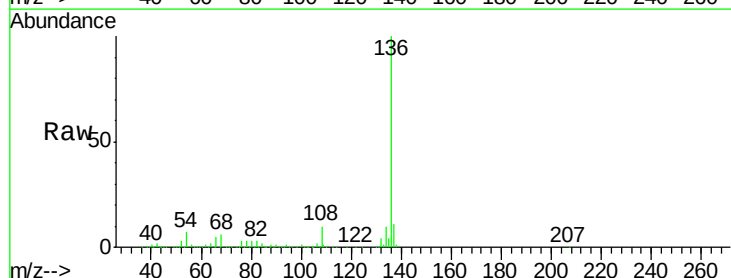
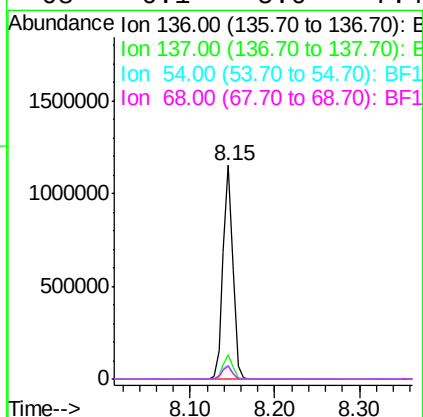
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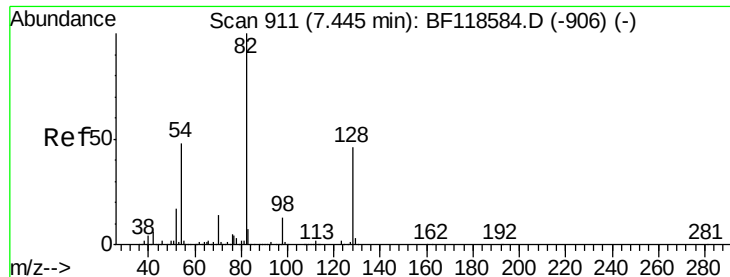
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
945723	136	100			
	137	11.1		9.1	13.7
	54	6.7		5.8	8.6
	68	6.1		5.0	7.4





#23

Nitrobenzene-d5

Concen: 58.830 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

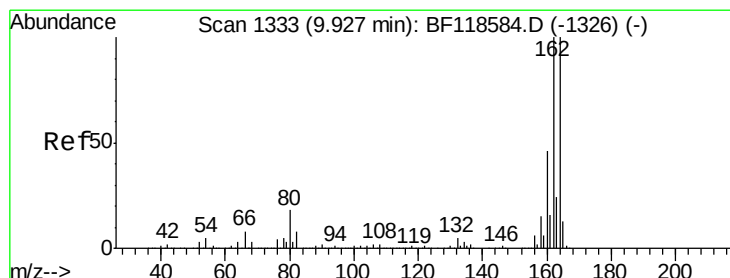
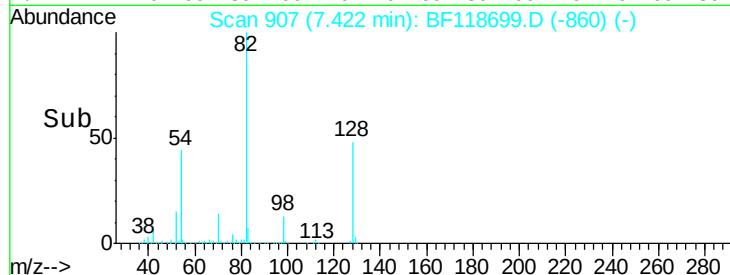
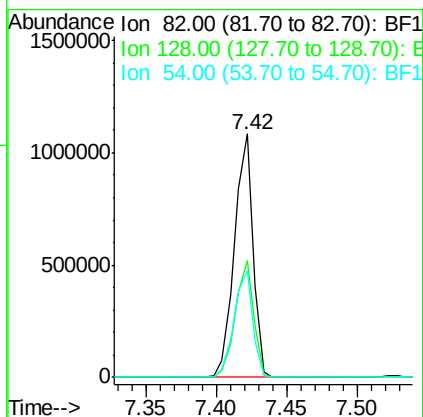
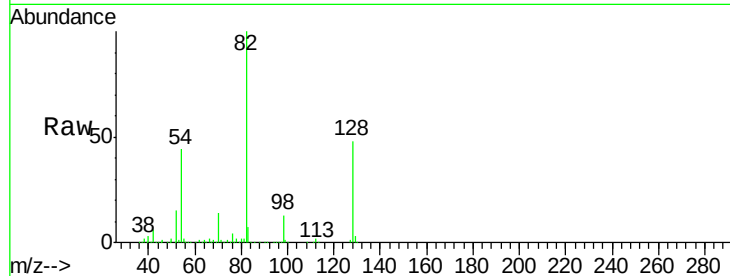
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion:	82	Resp:	994696
Ion Ratio	Lower	Upper	
82	100		
128	48.1	36.6	54.8
54	44.1	38.0	57.0

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#39

Acenaphthene-d10

Concen: 20.000 ng

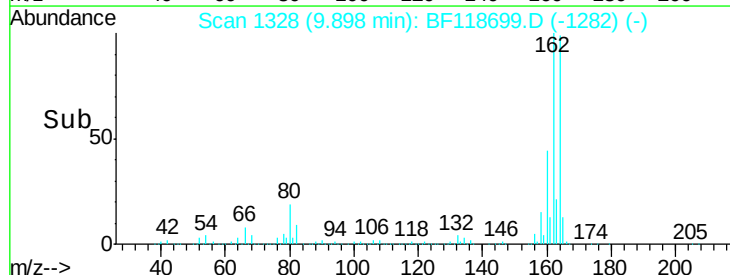
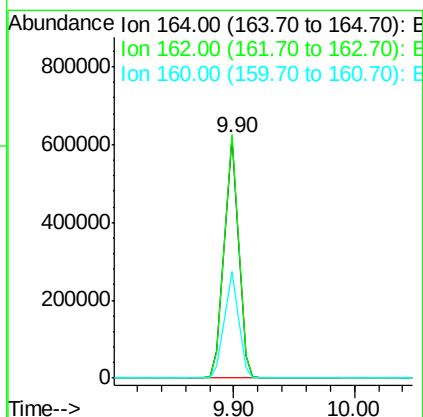
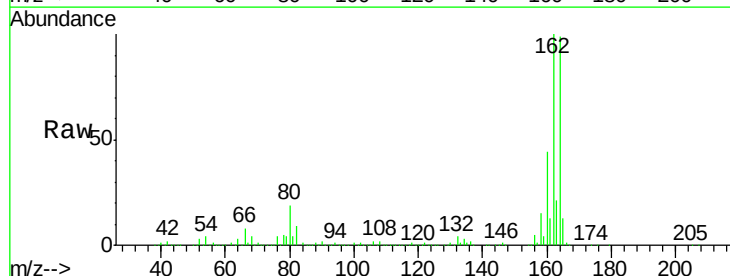
RT: 9.90 min Scan# 1328

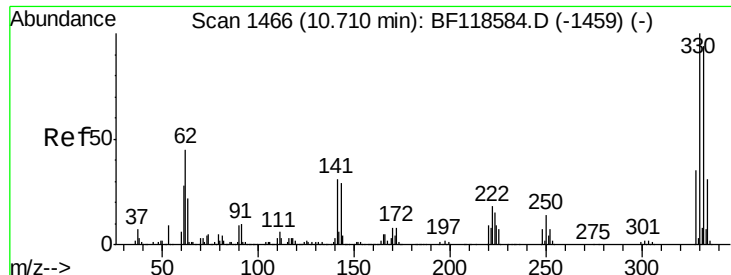
Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Tgt Ion:	164	Resp:	517522
Ion Ratio	Lower	Upper	
164	100		
162	101.0	80.4	120.6
160	44.0	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 2.204 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

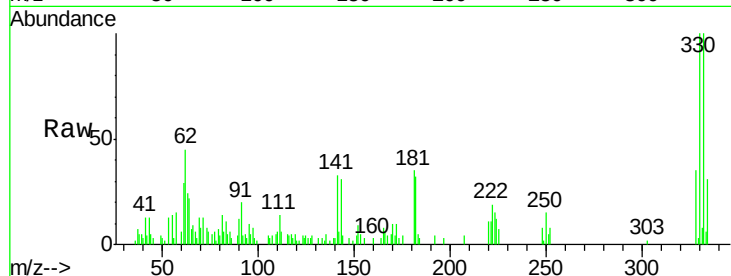
ClientSampleId :

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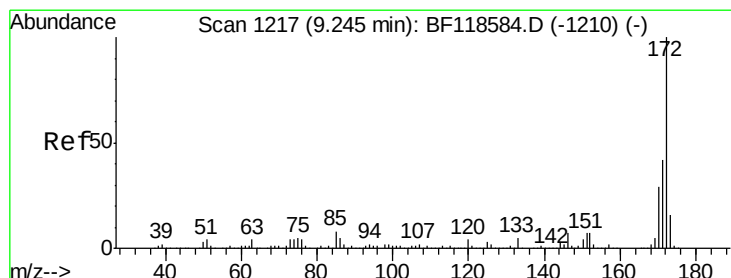
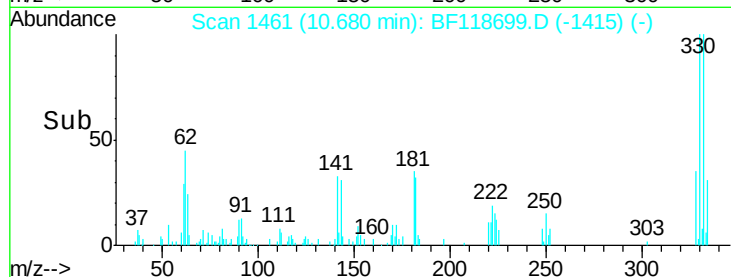
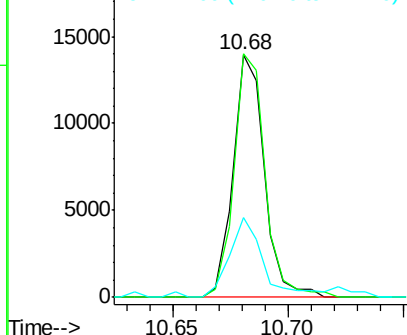
Tot Ion:	330	Resp:	13192
Ion Ratio	Lower	Upper	
330	100		
332	99.7	76.2	114.4
141	35.8	23.9	35.9

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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: 52.461 ng

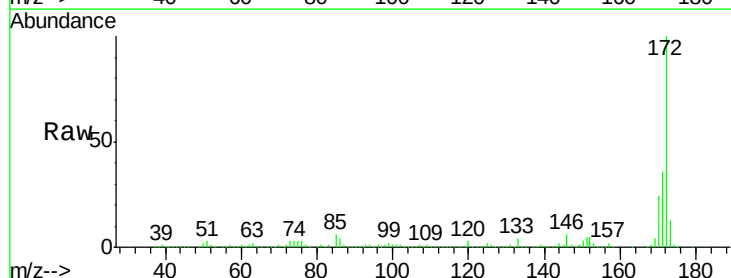
RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

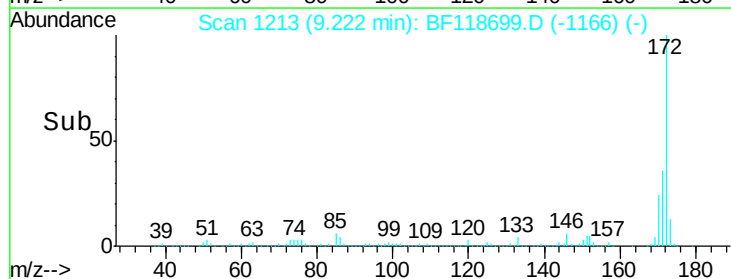
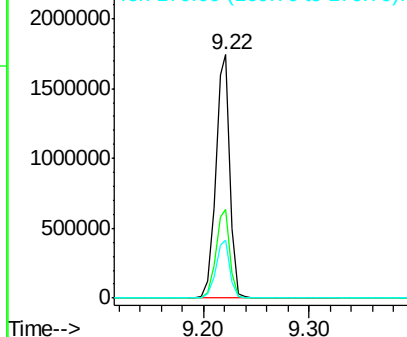
Lab File: BF118699.D

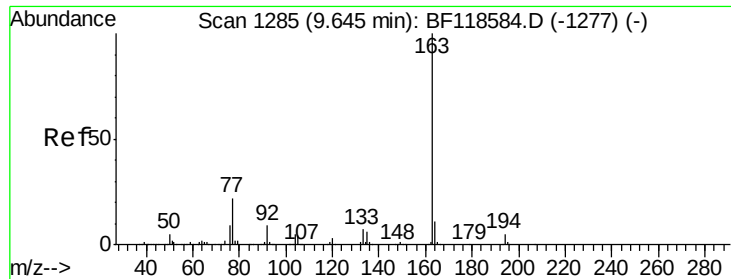
Acq: 24 Jan 2020 21:35

Tgt Ion:	172	Resp:	1651826
Ion Ratio	Lower	Upper	
172	100		
171	36.2	33.4	50.2
170	23.8	23.2	34.8



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: 10.434 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.04 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

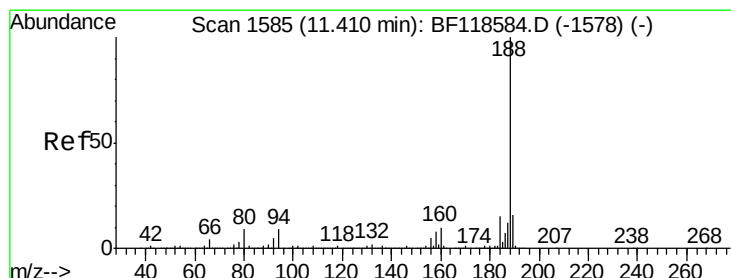
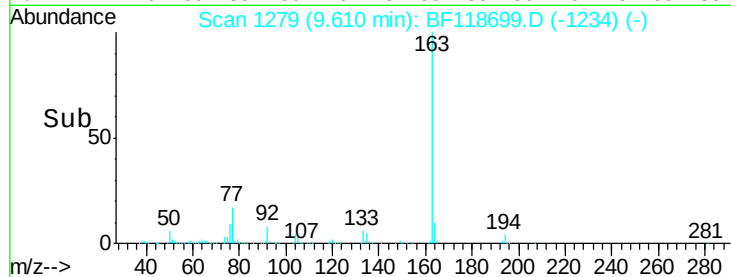
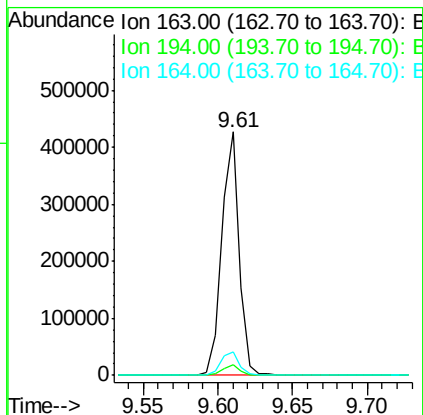
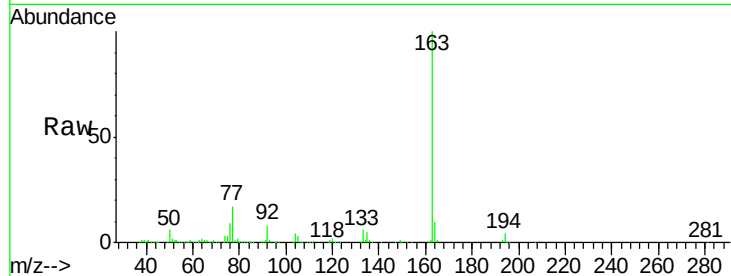
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		351819		
194	4.4		3.9	5.9	
164	9.9		9.1	13.7	

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#64

Phenanthrene-d10

Concen: 20.000 ng

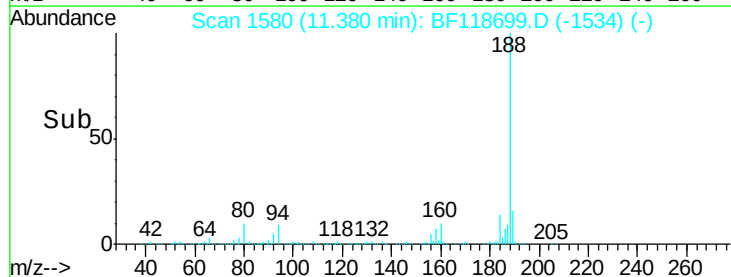
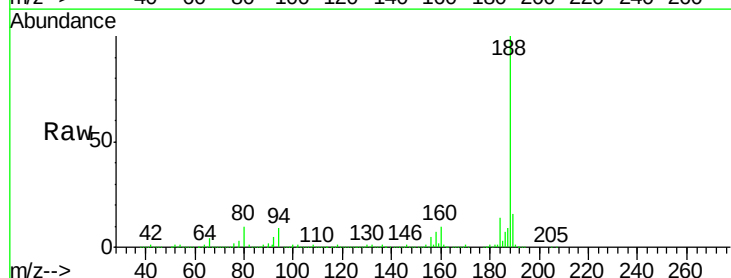
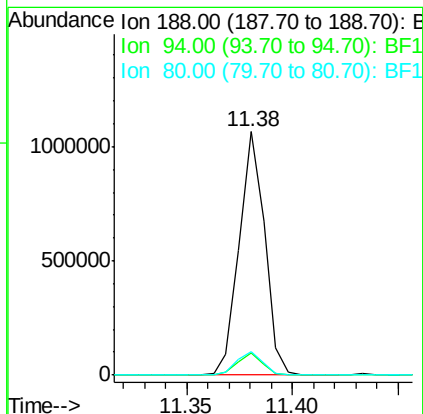
RT: 11.38 min Scan# 1580

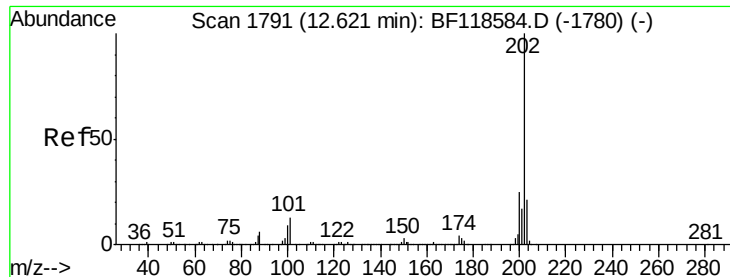
Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		890115		
94	9.2		7.1	10.7	
80	9.8		7.5	11.3	





#75

Fluoranthene

Concen: 4.438 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

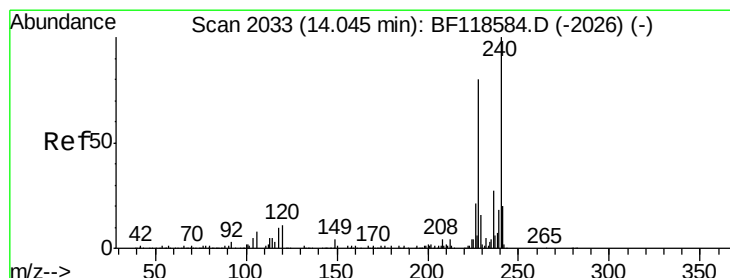
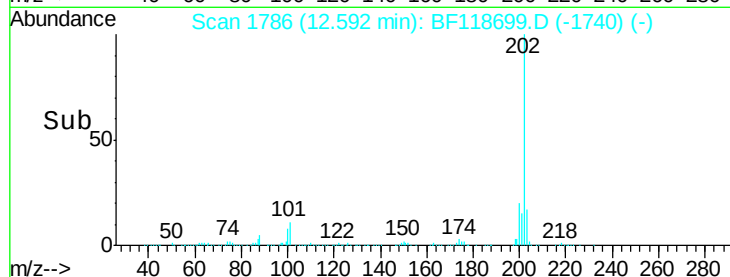
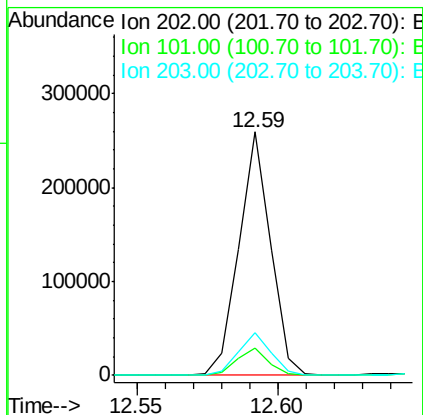
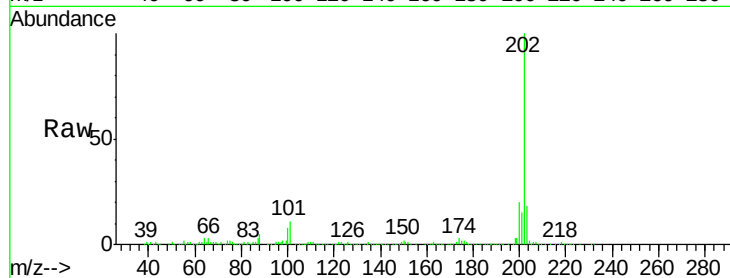
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		200994		
101	11.1	0.0	32.5		
203	17.6	0.8	40.8		

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#76

Chrysene-d12

Concen: 20.000 ng

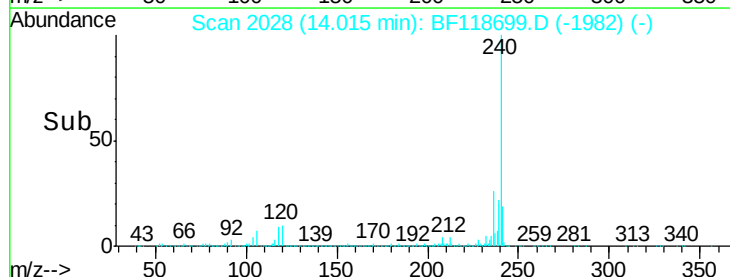
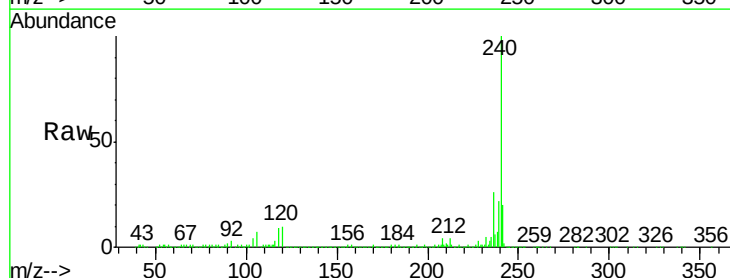
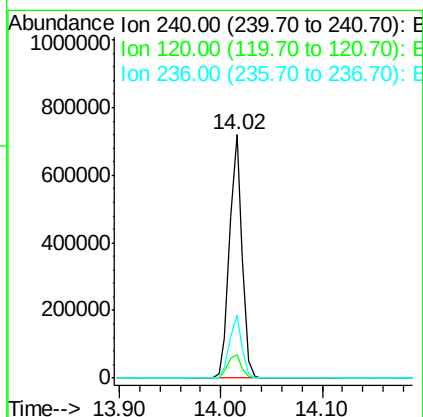
RT: 14.02 min Scan# 2028

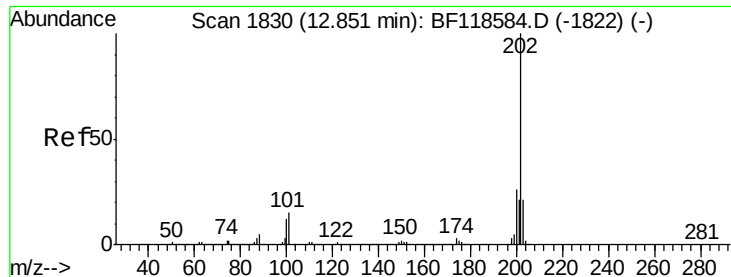
Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		620636		
120	9.9	8.9	13.3		
236	26.2	21.5	32.3		





#78

Pvrene

Concen: 4.199 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

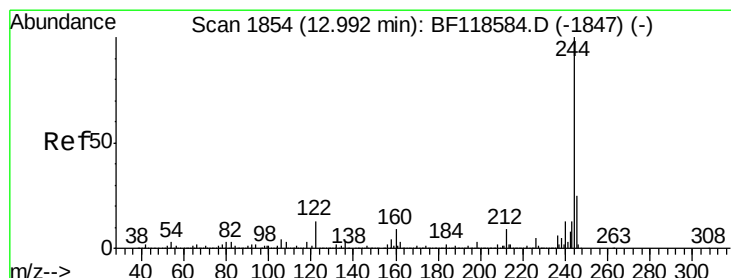
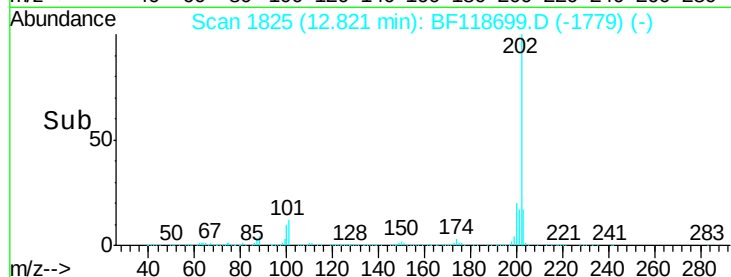
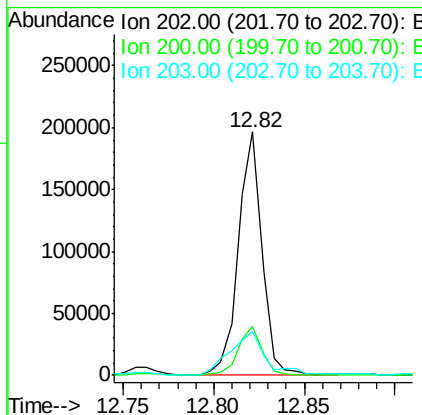
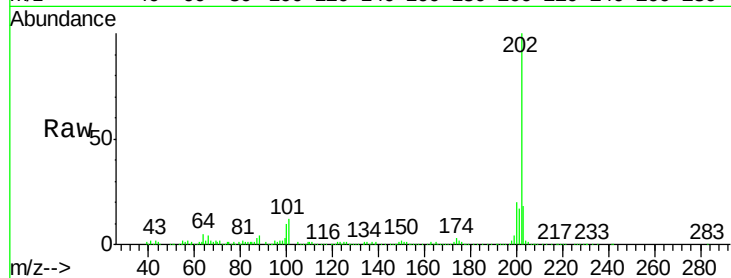
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion:	202	Resp:	176923
Ion Ratio		Lower	Upper
202	100		
200	20.2	20.6	31.0#
203	17.9	16.8	25.2

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#79

Terphenyl-d14

Concen: 64.828 ng

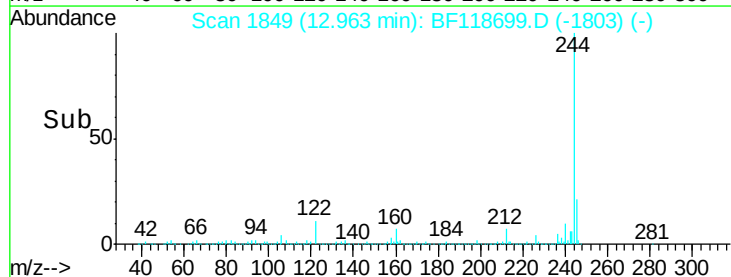
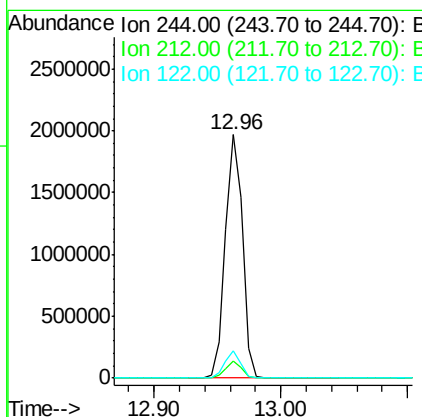
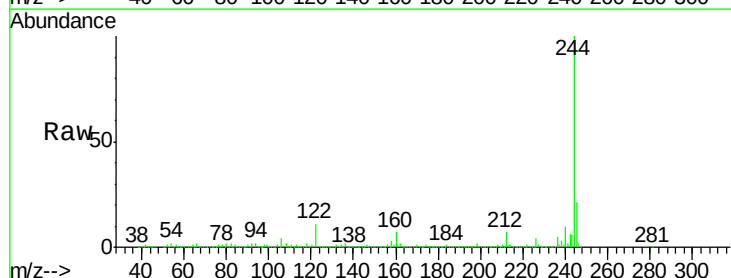
RT: 12.96 min Scan# 1849

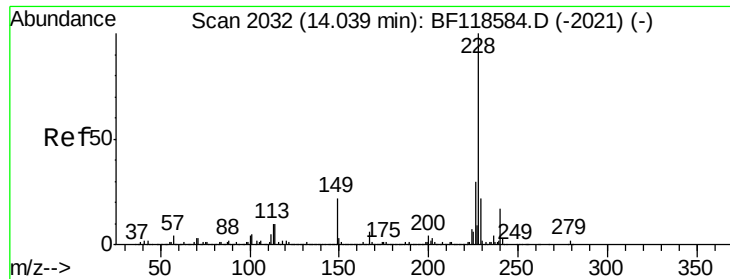
Delta R.T. -0.03 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Tgt Ion:	244	Resp:	1844712
Ion Ratio		Lower	Upper
244	100		
212	6.9	7.0	10.4#
122	11.0	10.7	16.1





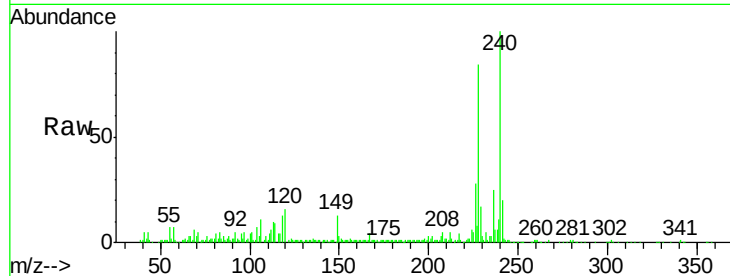
#81
Benzo(a)anthracene
Concen: 2.620 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.04 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Instrument :
BNA_F
ClientSampleId :
20200065-AMENDED-COMP-3

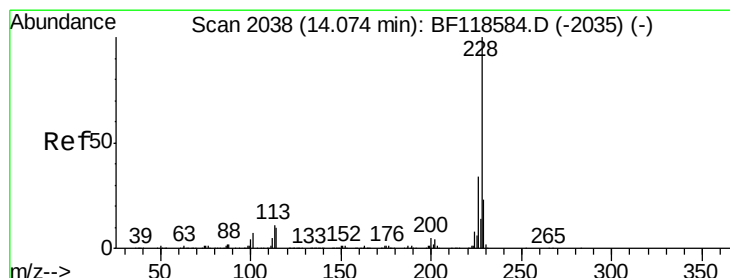
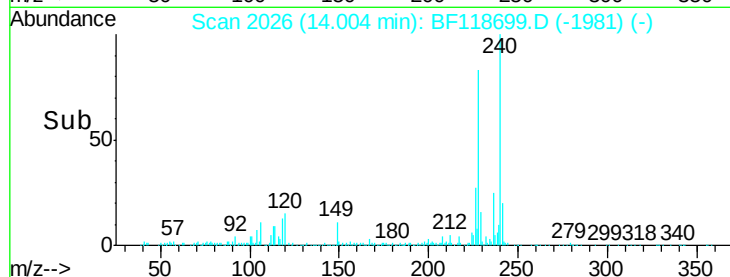
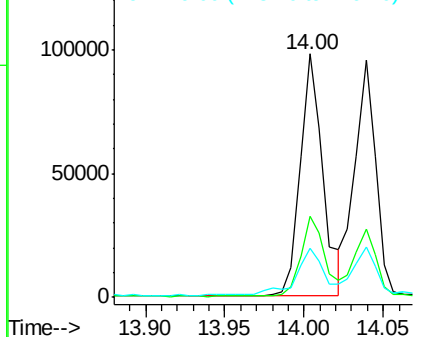
Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.1	36.1
229	20.3	17.6	26.4

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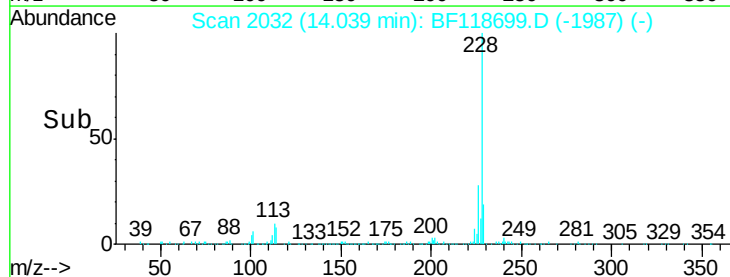
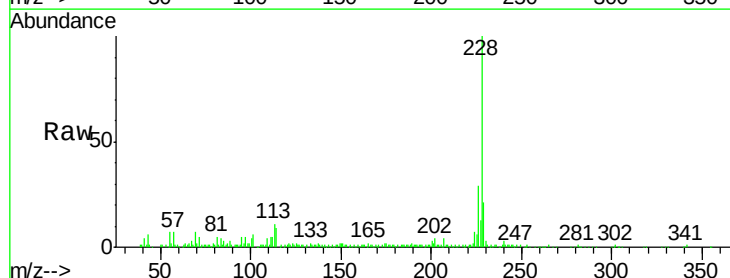
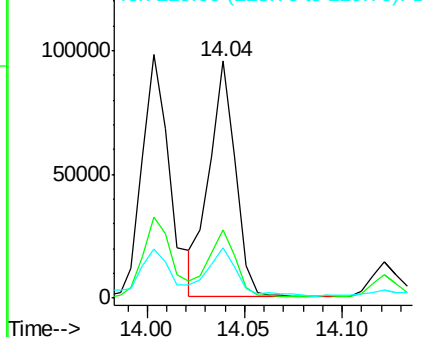
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

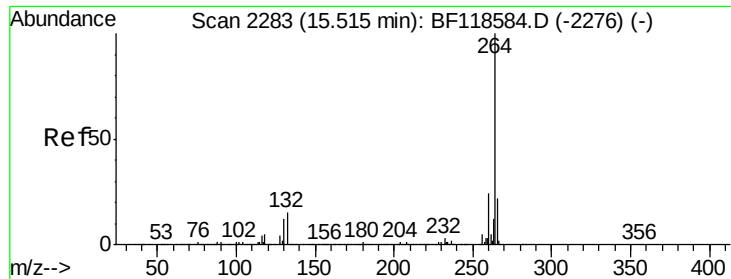


#83
Chrysene
Concen: 2.500 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118699.D
Acq: 24 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	27.4	41.0
229	21.2	18.3	27.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.04 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Instrument :

BNA_F

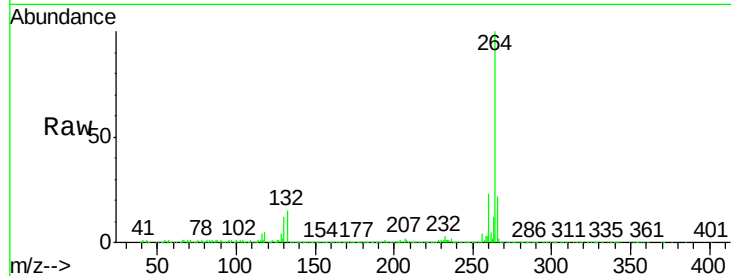
ClientSampleId :

20200065-AMENDED-COMP-3

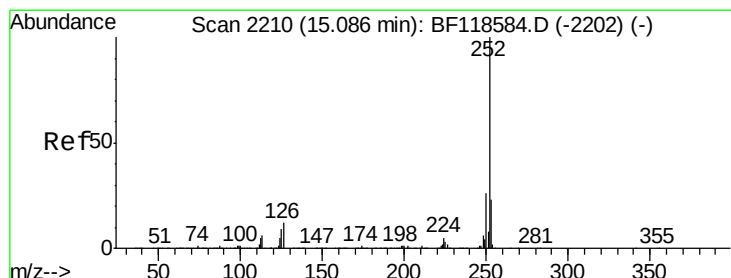
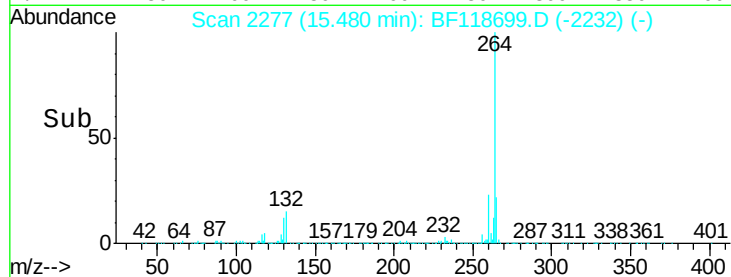
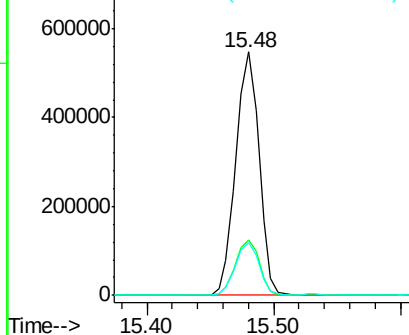
Tot Ion:	264	Resp:	697100
Ion Ratio		Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.9	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 2.297 ng m

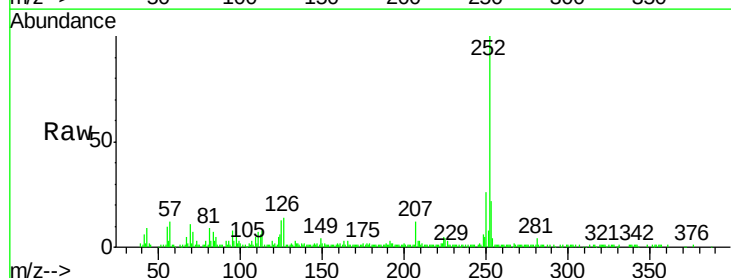
RT: 15.05 min Scan# 2204

Delta R.T. -0.04 min

Lab File: BF118699.D

Acq: 24 Jan 2020 21:35

Tgt Ion:	252	Resp:	100639
Ion Ratio		Lower	Upper
252	100		
253	21.8	18.7	28.1
125	13.1	7.3	10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

