

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
 Data File : BF112592.D
 Acq On : 15 Feb 2019 21:26
 Operator : JU/SJ
 Sample : K1358-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-021419

Manual Integrations
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Sohil
 2/18/2019 12:06:41 PM

Quant Time: Feb 16 00:14:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	28941	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	120411	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	57686	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	98985	20.00	ng	0.00
76) Chrysene-d12	14.01	240	74082	20.00	ng	0.00
87) Perylene-d12	15.49	264	56417	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	187543	137.64	ng	-0.01
7) Phenol-d6	6.48	99	233239	123.19	ng	-0.01
23) Nitrobenzene-d5	7.39	82	147725	70.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	71047	105.81	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	302335	74.13	ng	-0.02
79) Terphenyl-d14	12.94	244	239759	60.96	ng	0.00
Target Compounds						
10) Phenol	6.50	94	8371	4.030	ng	Qvalue # 76
50) Dimethylphthalate	9.58	163	12433	2.774	ng	97
71) Phenanthrene	11.39	178	23117	4.492	ng	97
75) Fluoranthene	12.59	202	57145	10.353	ng	97
78) Pyrene	12.82	202	56400	10.996	ng	97
81) Benzo(a)anthracene	14.00	228	25859	5.938	ng	97
83) Chrysene	14.04	228	25654m	6.171	ng	
86) Indeno(1,2,3-cd)pyrene	17.00	276	15157	4.601	ng	96
88) Benzo(b)fluoranthene	15.06	252	43475m	12.885	ng	
89) Benzo(k)fluoranthene	15.09	252	12522m	3.875	ng	
90) Benzo(a)pyrene	15.43	252	28950	9.536	ng	# 93
92) Benzo(a,h,i)perylene	17.46	276	15300	6.628	ng	# 90

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

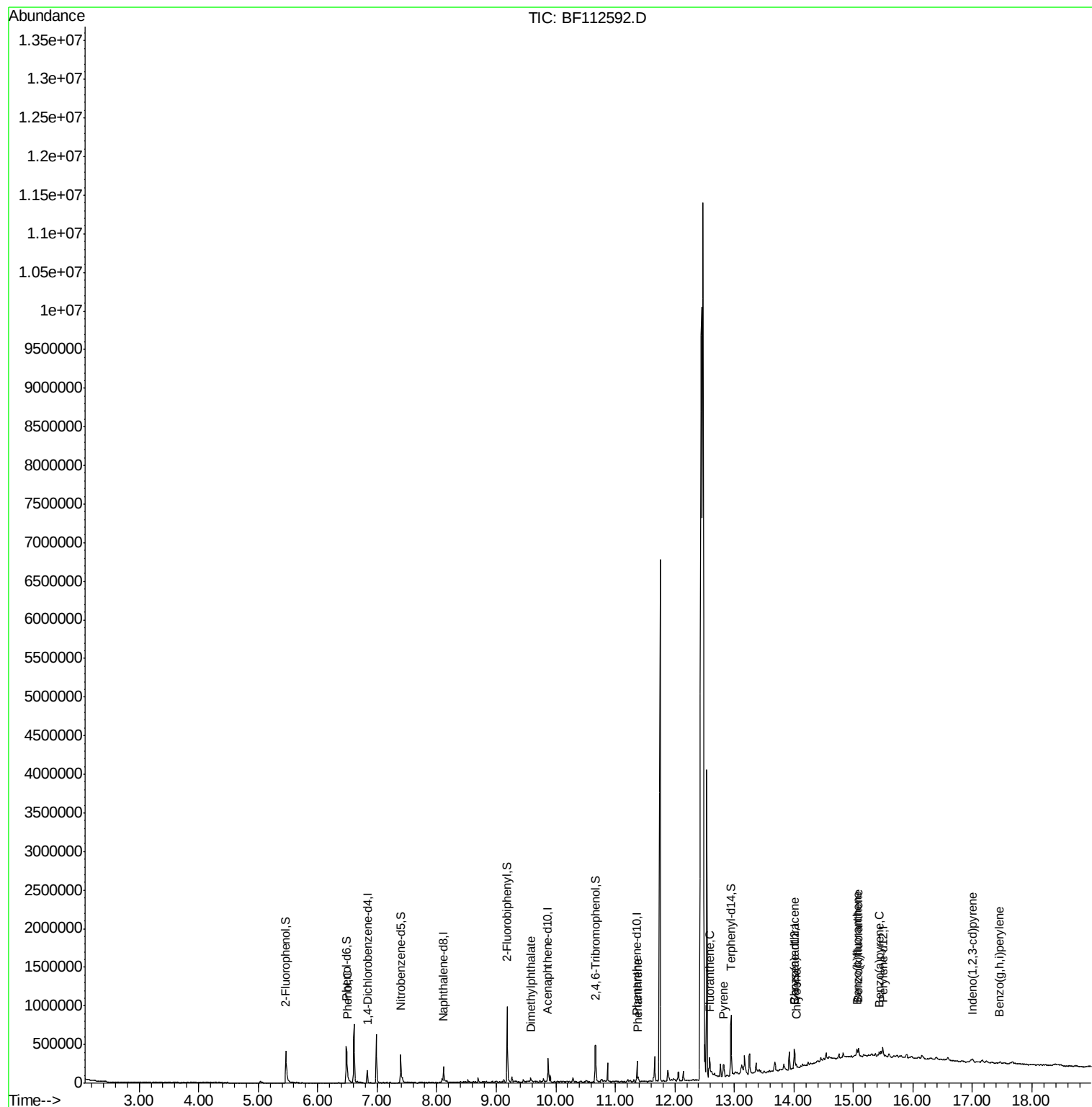
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021519\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration





#1

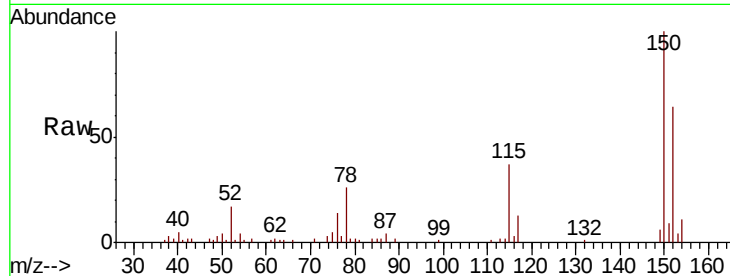
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.4	191.0
115	58.2	45.5	68.3

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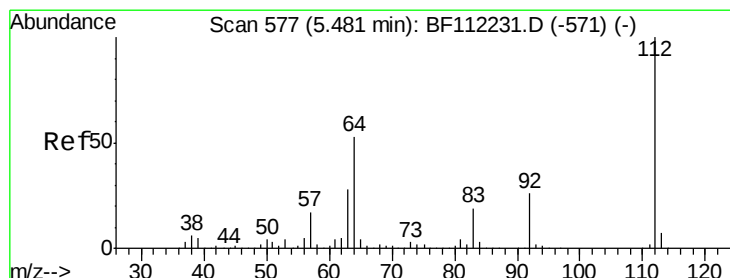
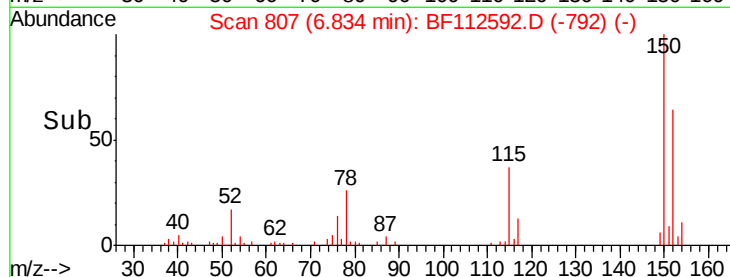
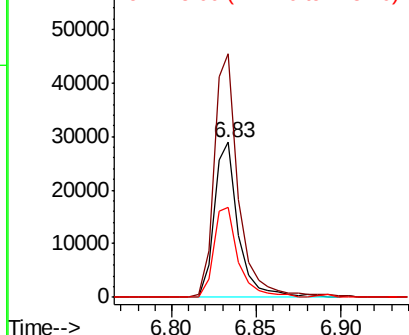


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

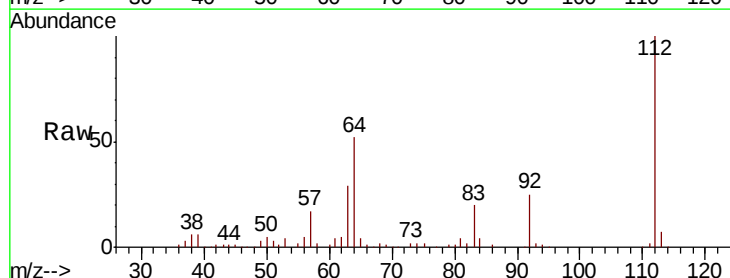
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.643 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	45.7	68.5
63	28.5	23.6	35.4

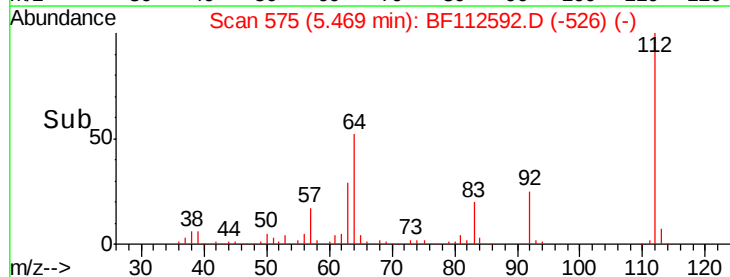
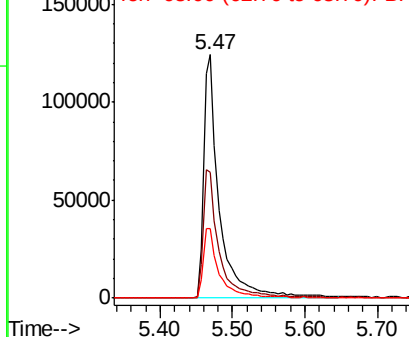


Abundance

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: 123.192 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112592.D

Acq: 15 Feb 2019 21:26

Instrument :

BNA_F

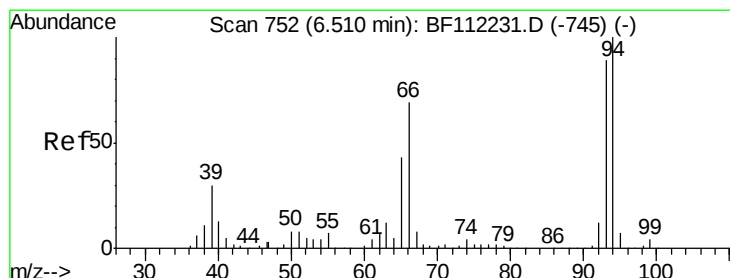
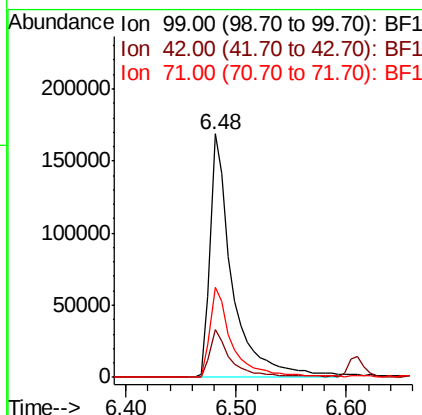
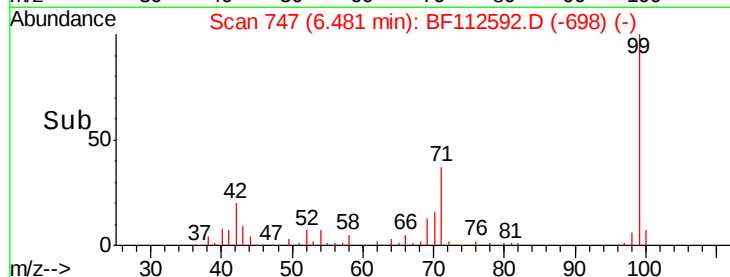
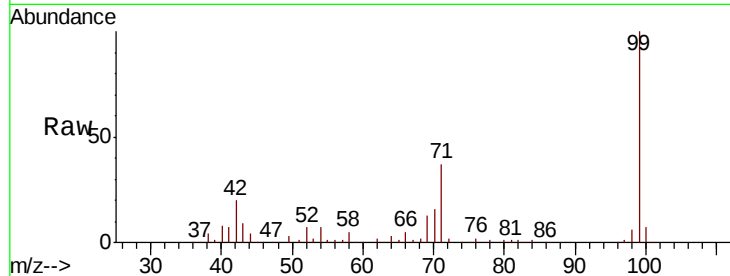
ClientSampled :

TR-04-021419

Tot Ion:	99	Resp:	233239
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.1	22.7
71	36.8	26.9	40.3

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#10

Phenol

Concen: 4.030 ng

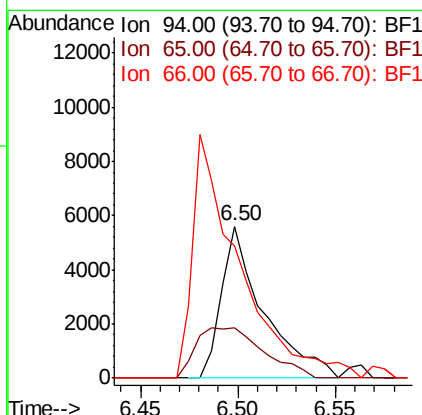
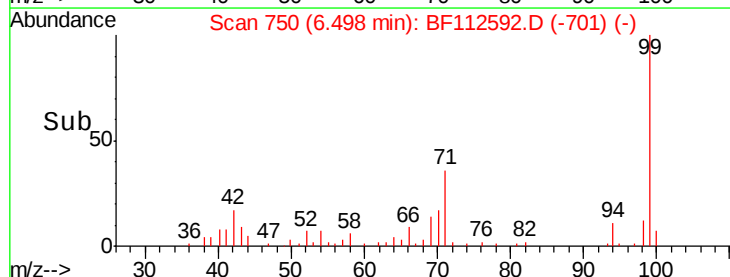
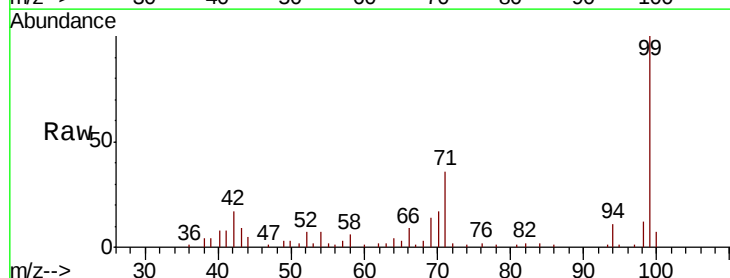
RT: 6.50 min Scan# 750

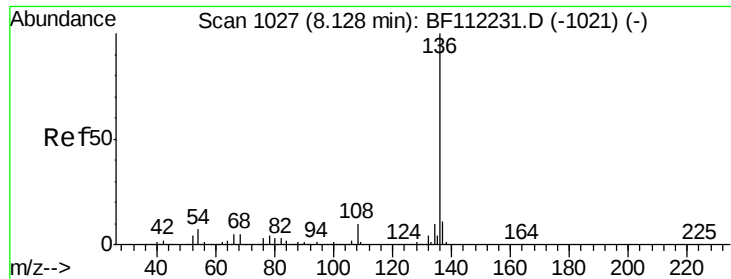
Delta R.T. -0.01 min

Lab File: BF112592.D

Acq: 15 Feb 2019 21:26

Tgt Ion:	94	Resp:	8371
Ion Ratio	Lower	Upper	
94	100		
65	32.9	20.3	60.3
66	86.8	42.4	82.4#





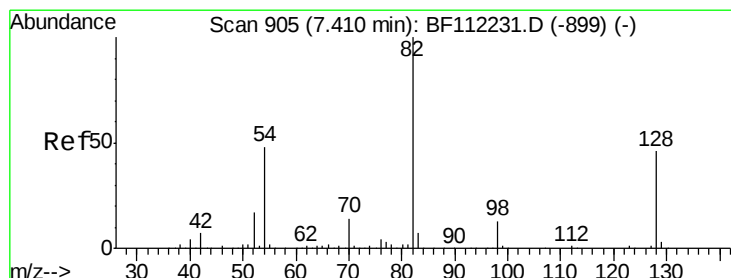
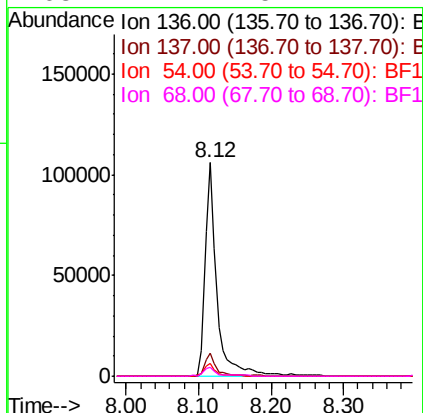
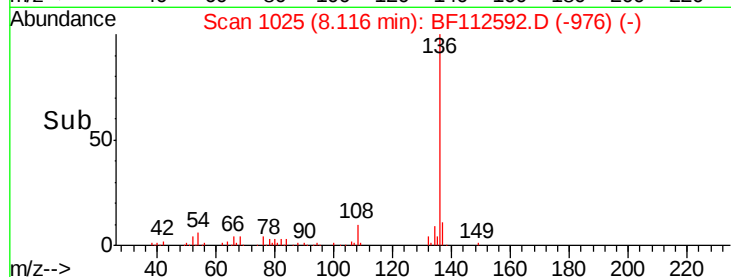
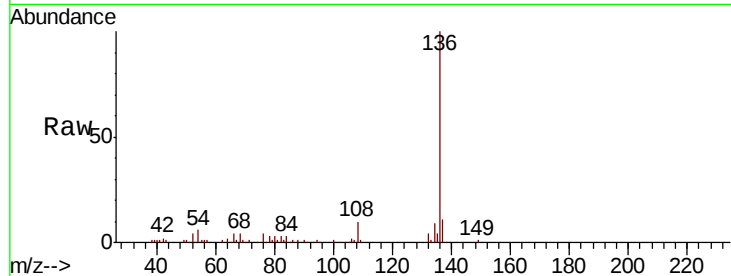
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		120411		
137	11.0	9.1	13.7		
54	6.1	5.9	8.9		
68	4.2	5.1	7.7#		

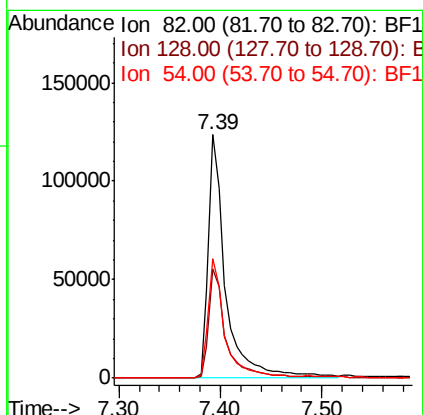
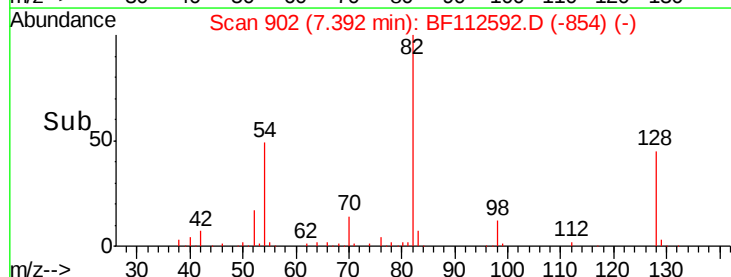
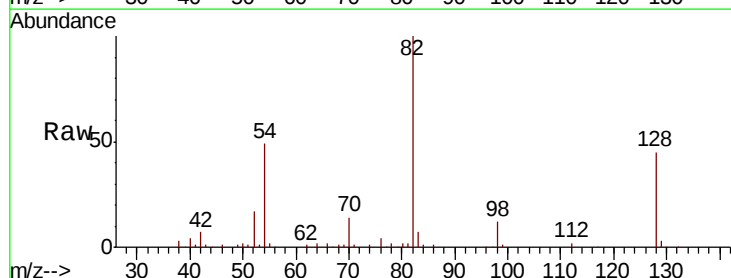
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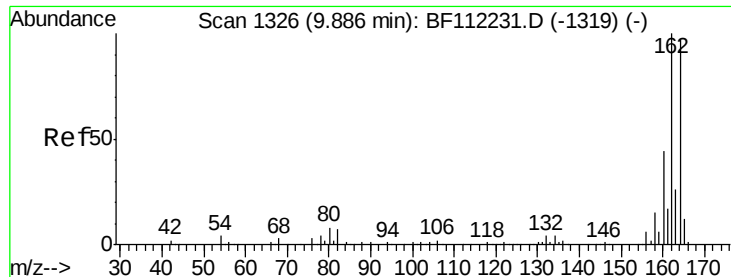
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#23
Nitrobenzene-d5
Concen: 70.690 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		147725		
128	44.6	37.8	56.8		
54	49.0	39.7	59.5		





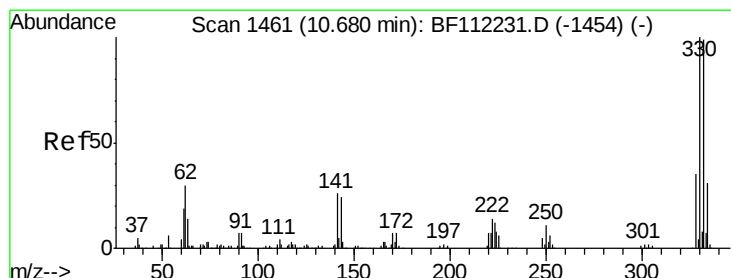
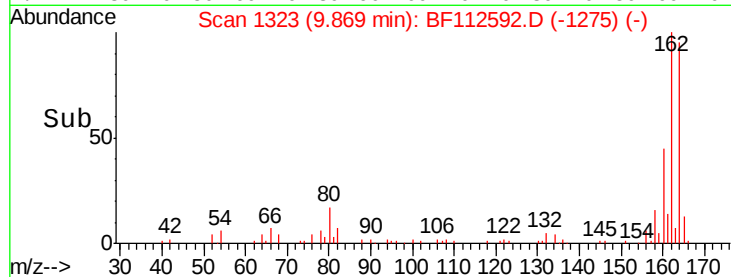
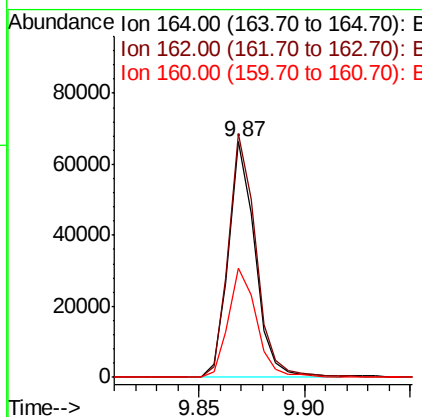
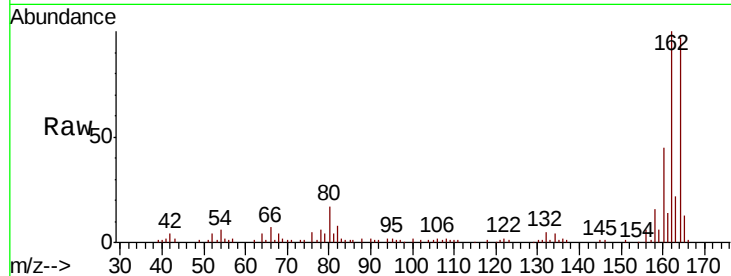
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.4
160	46.4	36.2	54.4

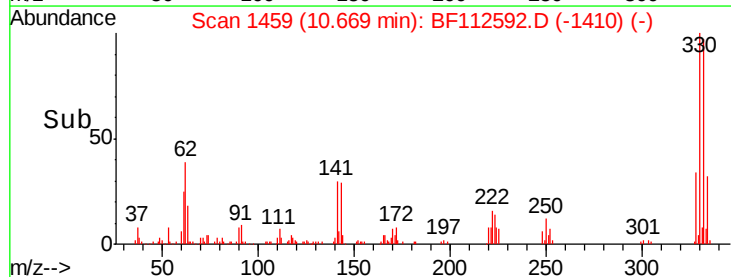
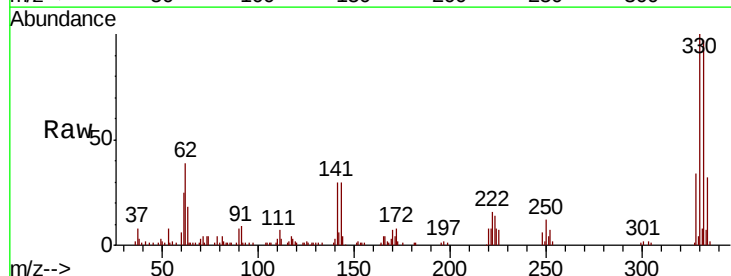
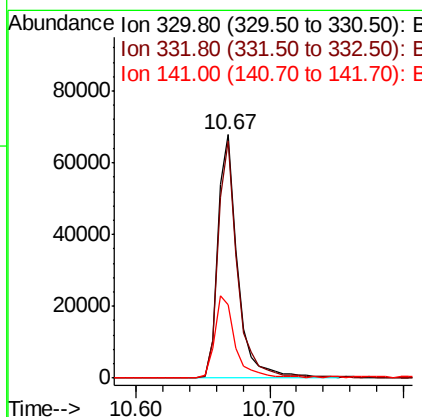
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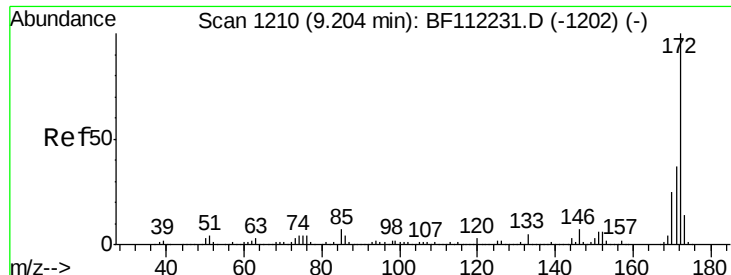
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#42
2,4,6-Tribromophenol
Concen: 105.811 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	35.3	24.3	36.5





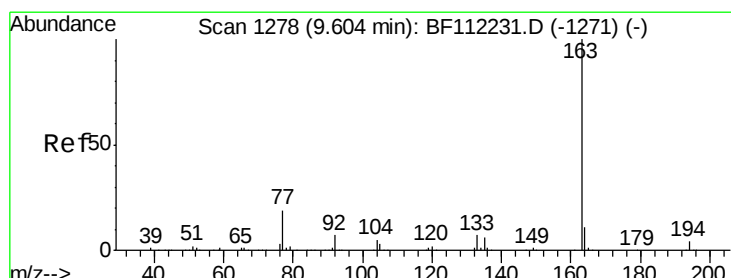
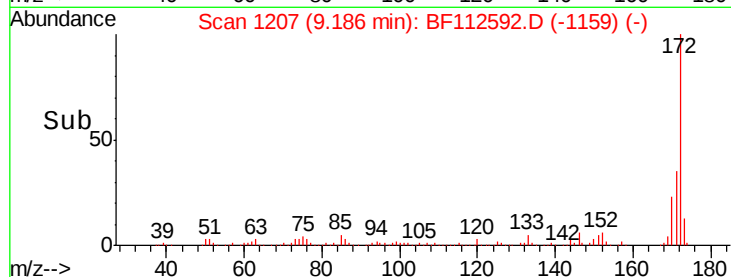
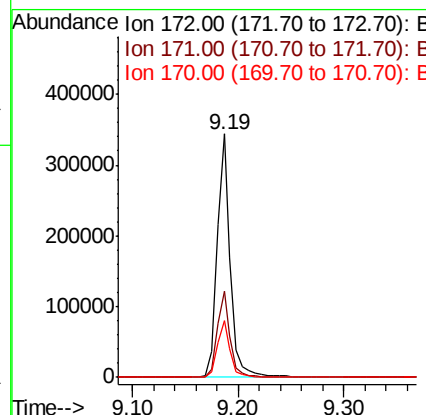
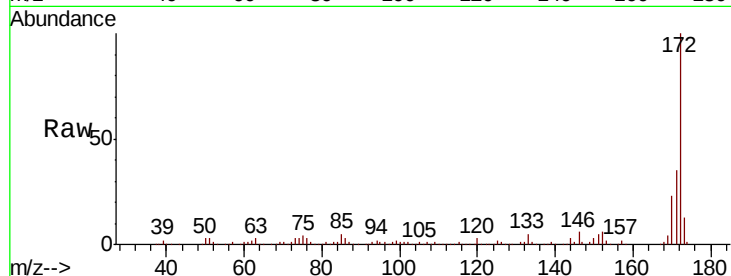
#45
2-Fluorobiphenyl
Concen: 74.126 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ratio	Resp	Lower	Upper
172	100	302335		
171	35.4		30.5	45.7
170	23.5		20.2	30.4

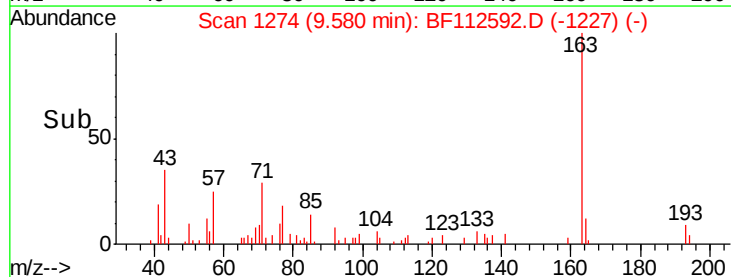
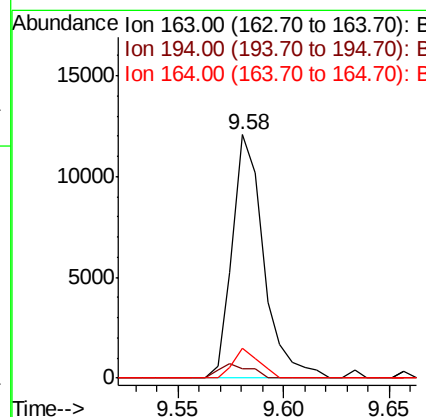
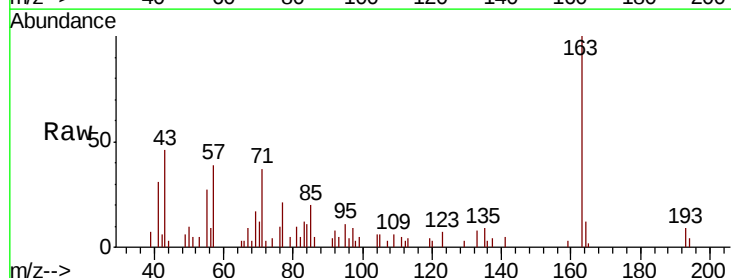
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#50
Dimethylphthalate
Concen: 2.774 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	12433		
194	3.8		3.3	4.9
164	12.2		8.5	12.7





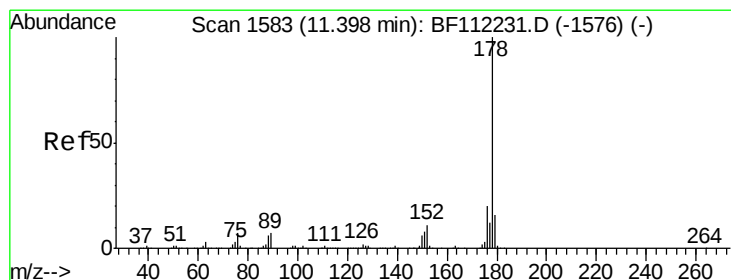
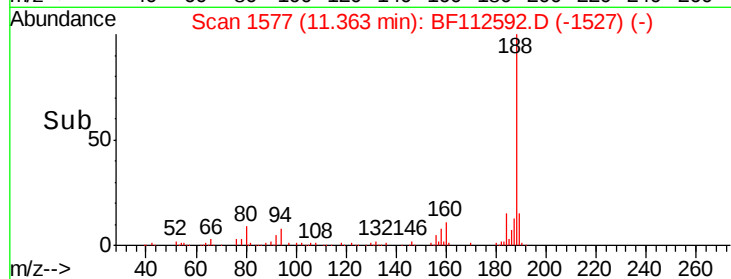
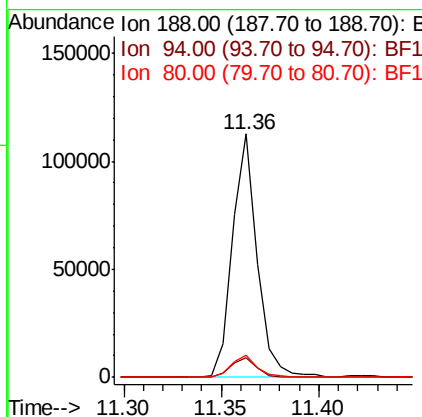
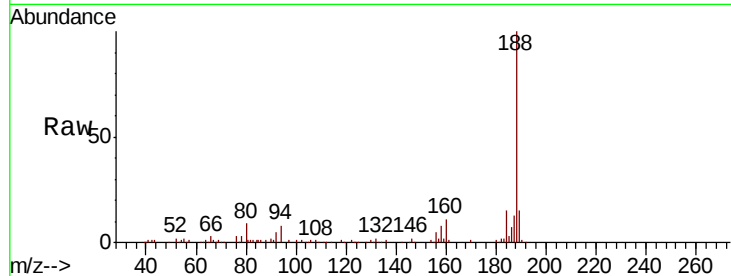
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	9.1	8.9	13.3

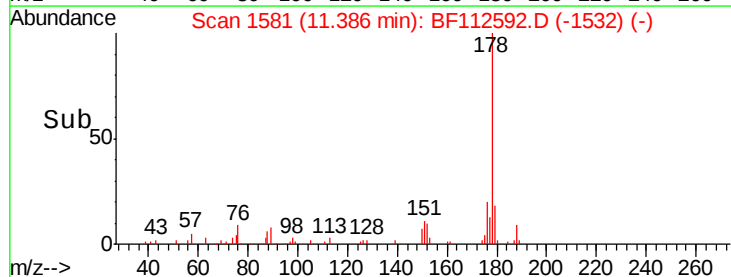
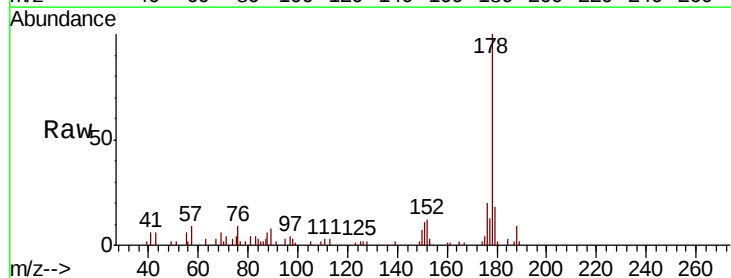
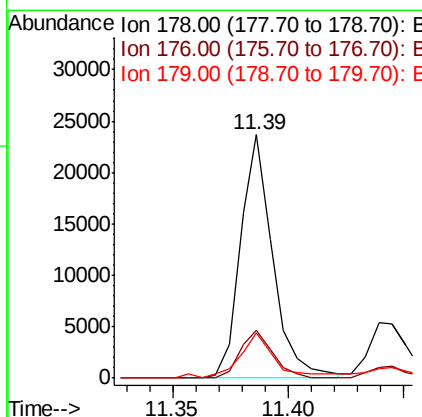
Manual Integrations
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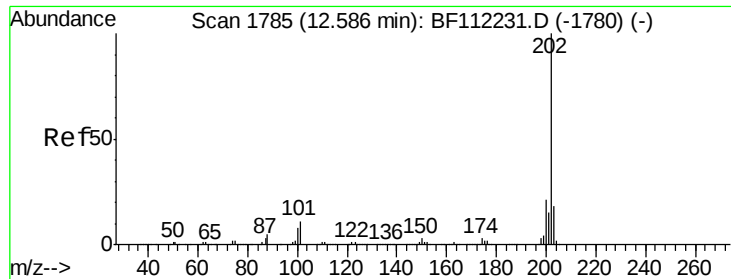
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#71
Phenanthrene
Concen: 4.492 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	16.3	24.5
179	18.4	13.0	19.4





#75

Fluoranthene

Concen: 10.353 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112592.D

Acq: 15 Feb 2019 21:26

Instrument :

BNA_F

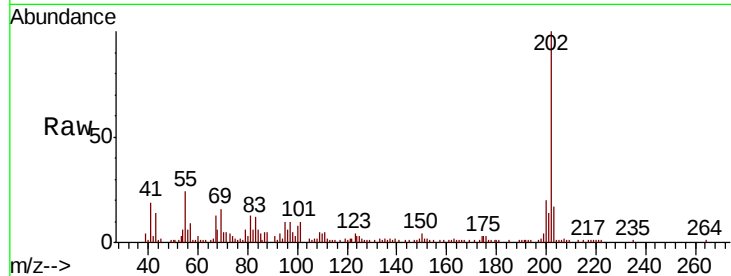
ClientSampleId :

TR-04-021419

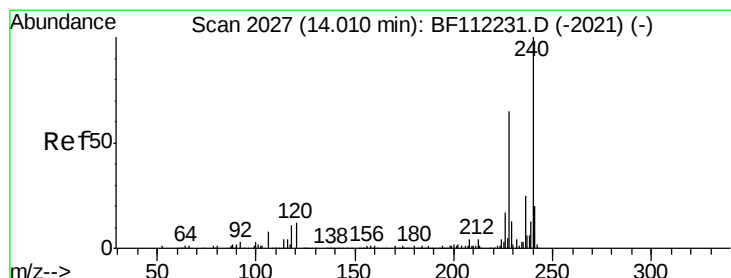
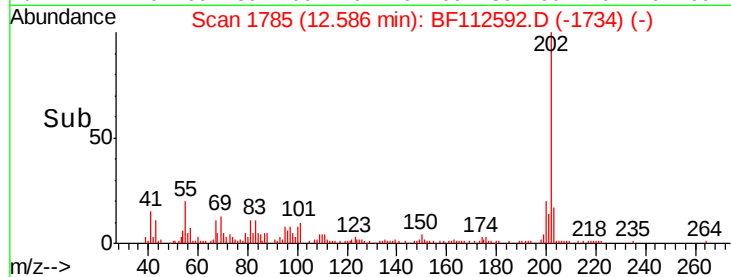
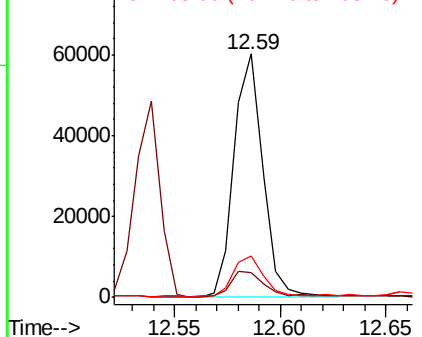
Tot Ion:	202	Resp:	57145
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.8
203	16.9	0.0	38.4

Manual Integrations
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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: 14.01 min Scan# 2027

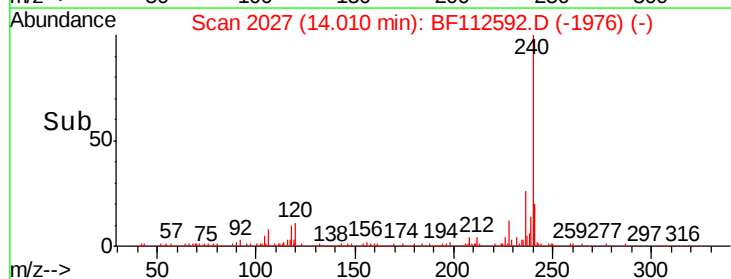
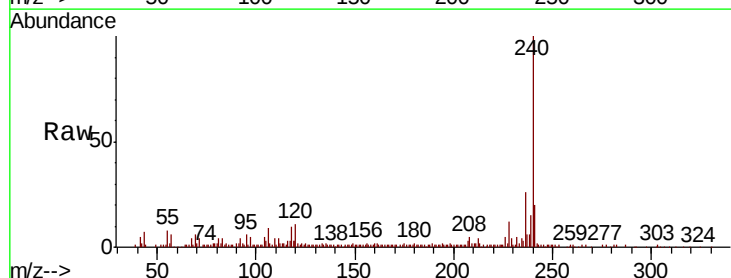
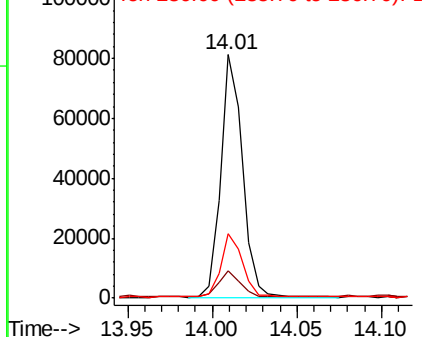
Delta R.T. 0.00 min

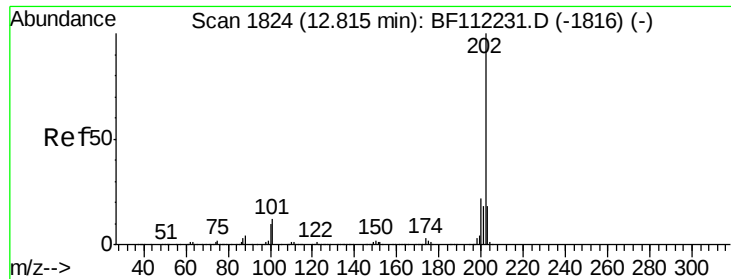
Lab File: BF112592.D

Acq: 15 Feb 2019 21:26

Tgt Ion:	240	Resp:	74082
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.0	13.6
236	26.2	20.7	31.1

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: 10.996 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF112592.D

Acq: 15 Feb 2019 21:26

Instrument :

BNA_F

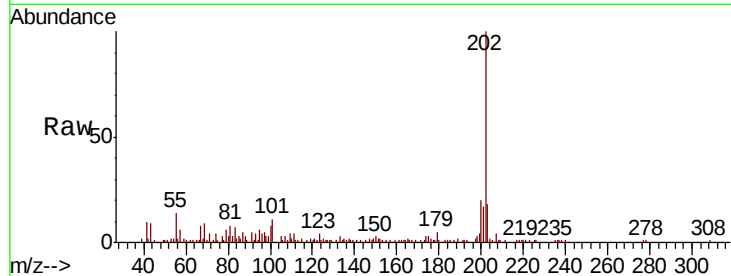
ClientSampleId :

TR-04-021419

Tot Ion:	202	Resp:	56400
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.7	26.5
203	17.7	14.6	22.0

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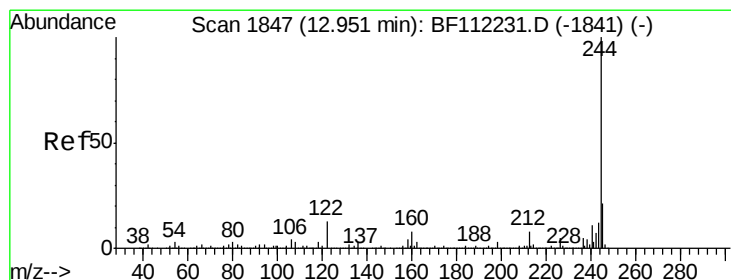
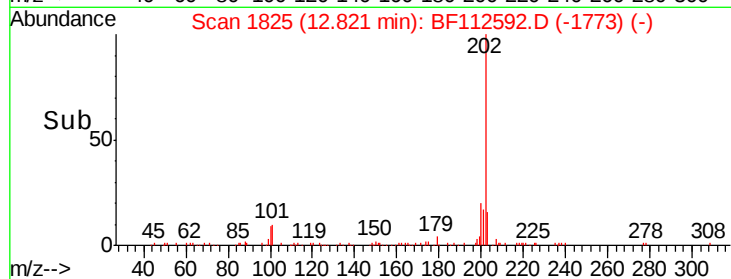
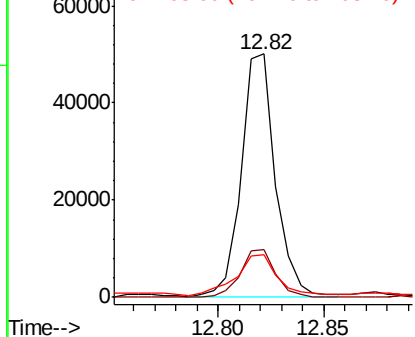


Abundance

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



#79

Terphenyl-d14

Concen: 60.956 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112592.D

Acq: 15 Feb 2019 21:26

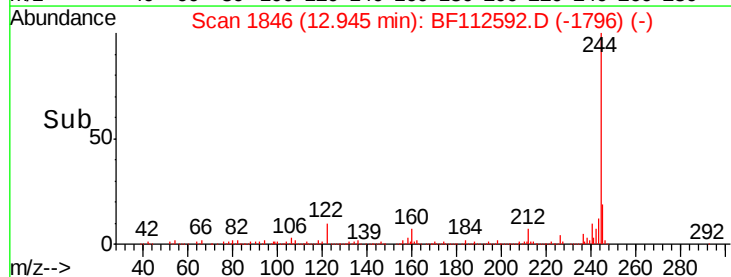
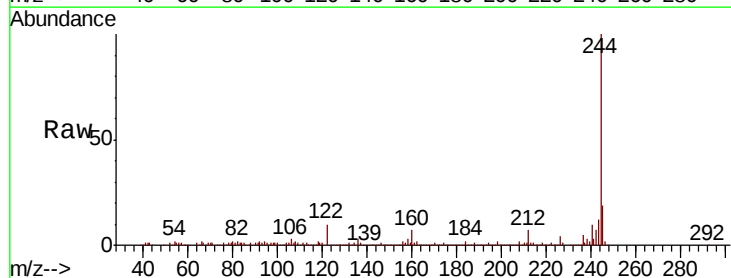
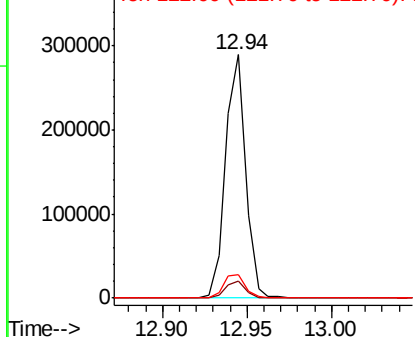
Tgt Ion:	244	Resp:	239759
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	9.8	9.8	14.6

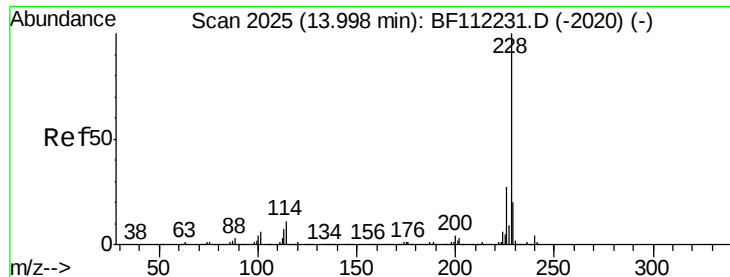
Abundance

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





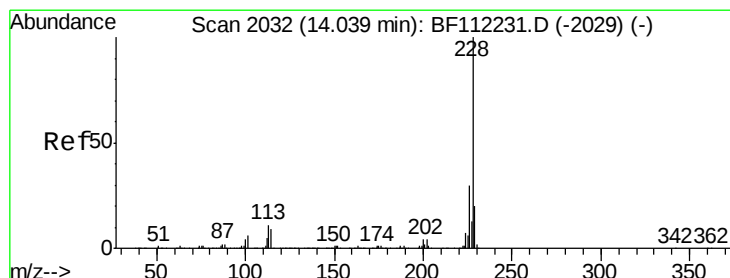
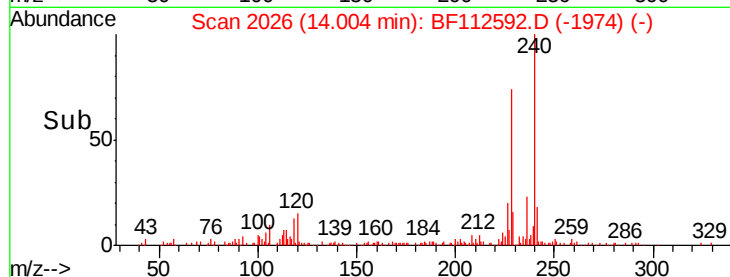
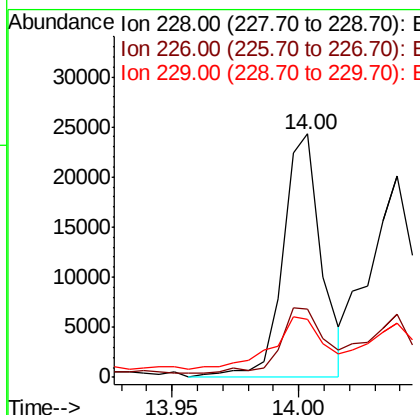
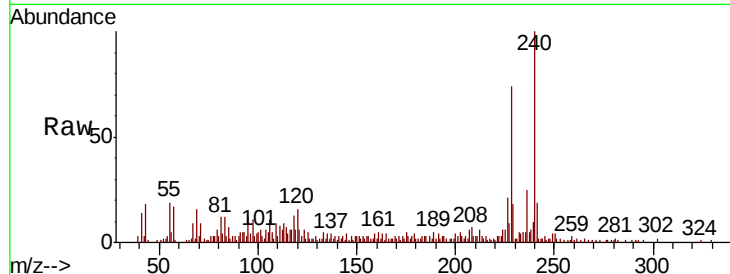
#81
Benzo(a)anthracene
Concen: 5.938 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	23.8	16.5	24.7

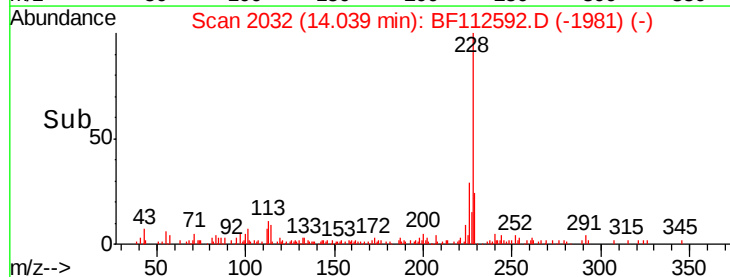
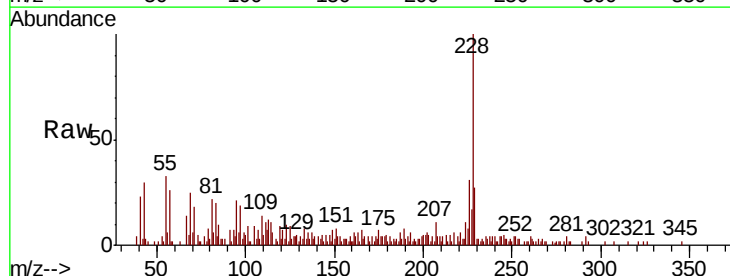
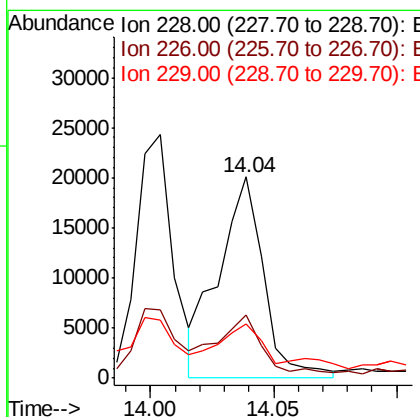
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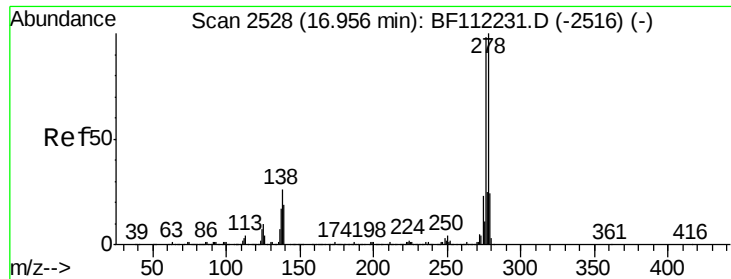
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#83
Chrysene
Concen: 6.171 ng m
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	27.0	16.6	24.8#





#86

Indeno(1,2,3-cd)pyrene

Concen: 4.601 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.05 min

Lab File: BF112592.D

Acq: 15 Feb 2019 21:26

Instrument :

BNA_F

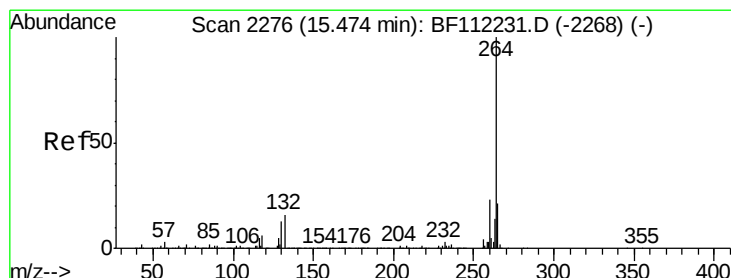
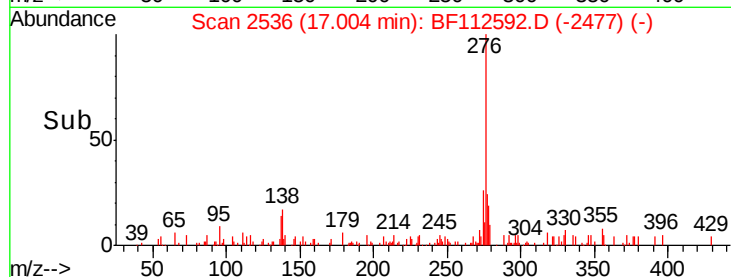
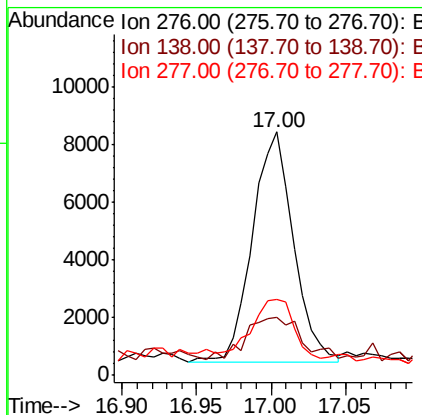
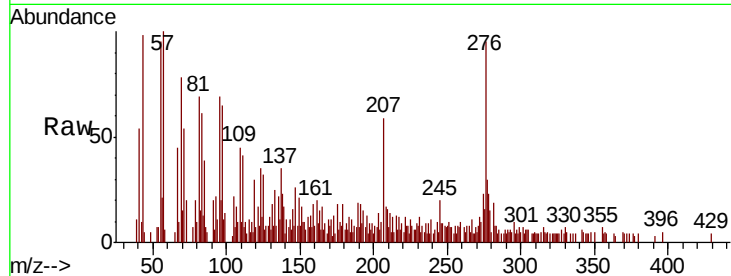
ClientSampled :

TR-04-021419

Tot Ion:	276	Resp:	15157
Ion Ratio	Lower	Upper	
276	100		
138	25.4	22.6	34.0
277	26.2	20.3	30.5

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

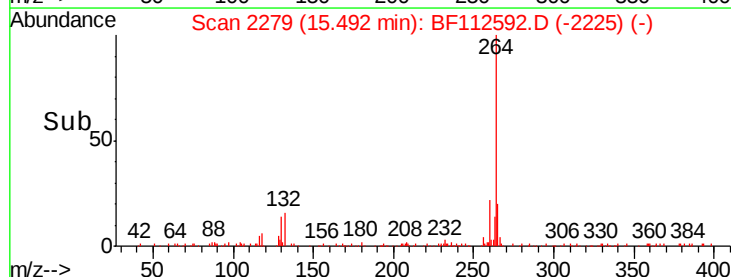
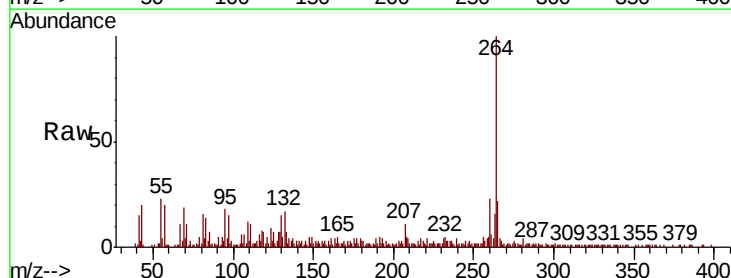
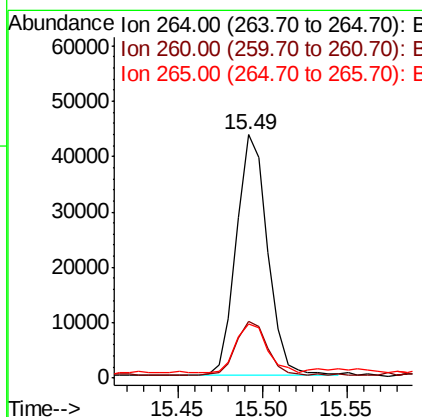
RT: 15.49 min Scan# 2279

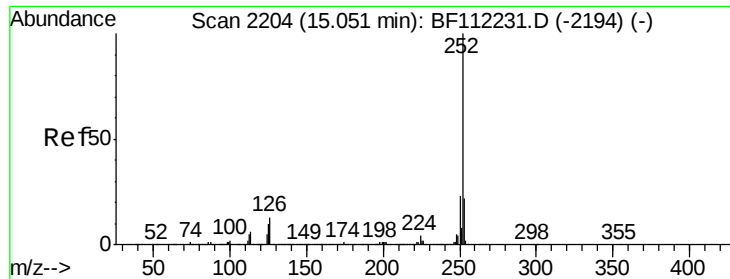
Delta R.T. 0.02 min

Lab File: BF112592.D

Acq: 15 Feb 2019 21:26

Tgt Ion:	264	Resp:	56417
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.2	27.2
265	22.2	17.0	25.4





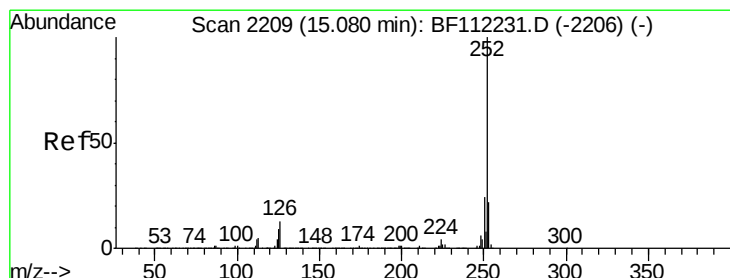
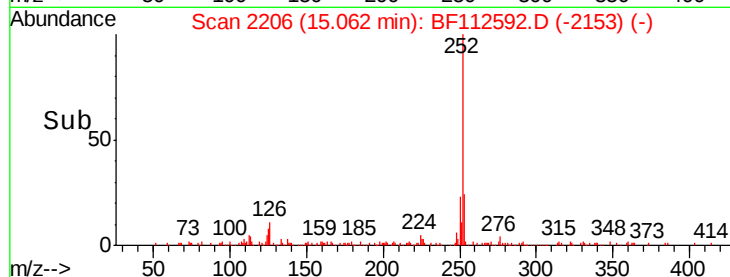
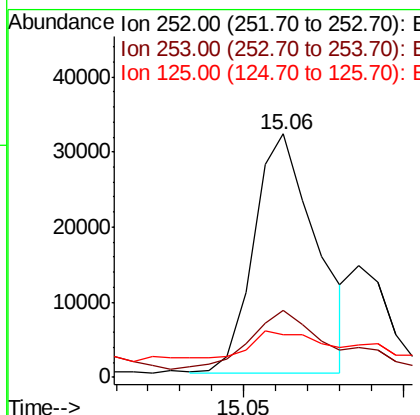
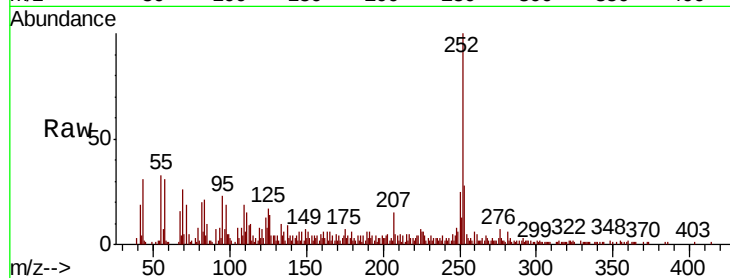
#88
Benzo(b)fluoranthene
Concen: 12.885 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Instrument :
BNA_F
ClientSampled :
TR-04-021419

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	17.4	8.7	13.1#

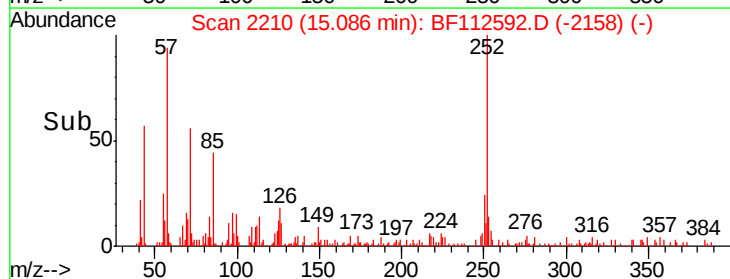
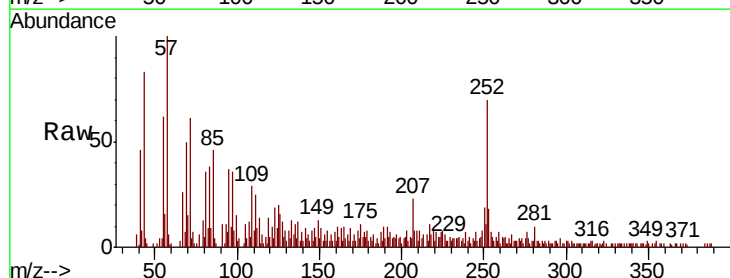
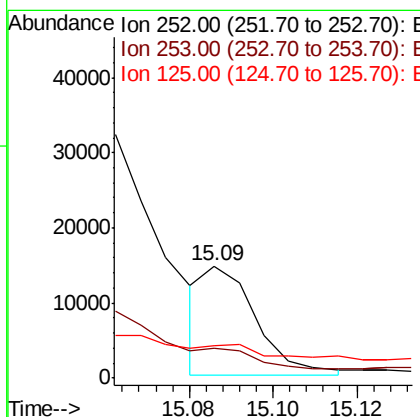
Manual Integrations
APPROVED

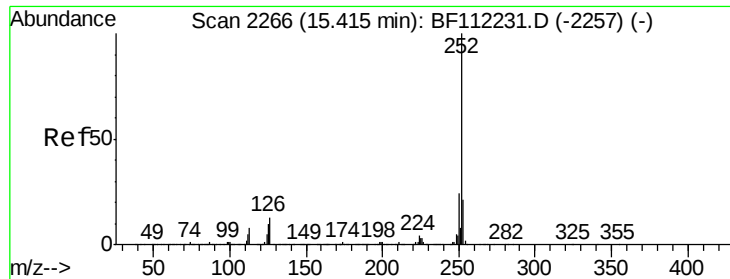
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#89
Benzo(k)fluoranthene
Concen: 3.875 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.0	27.0
125	29.1	9.1	13.7#





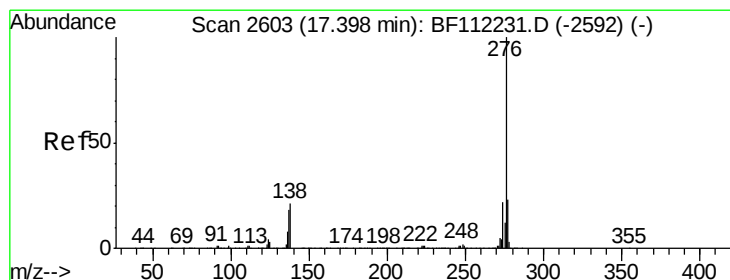
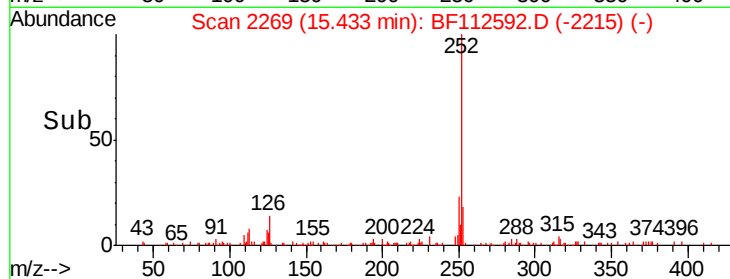
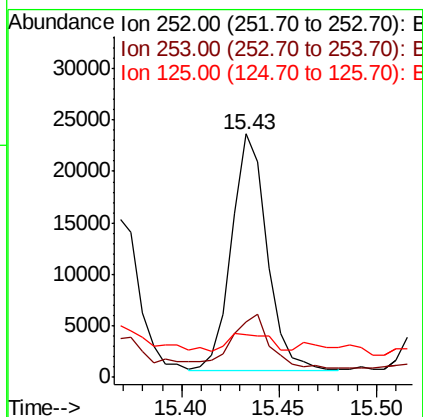
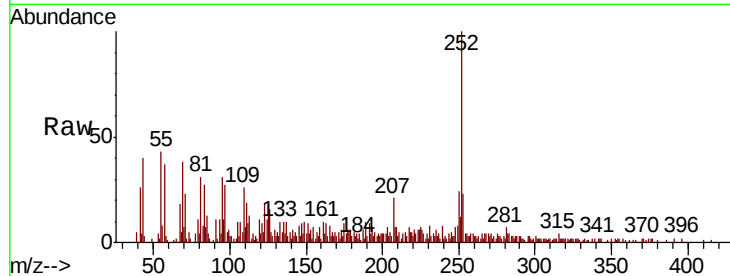
#90
Benzo(a)pyrene
Concen: 9.536 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.02 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Instrument :
BNA_F
ClientSampleId :
TR-04-021419

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	17.6	9.0	13.4

Manual Integrations
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2/18/2019 12:06:41 PM



#92
Benzo(g,h,i)perylene
Concen: 6.628 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.06 min
Lab File: BF112592.D
Acq: 15 Feb 2019 21:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.4	29.0
138	30.6	19.1	28.7

