

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117968.D
 Acq On : 23 Nov 2019 20:31
 Operator : JU
 Sample : K5865-14RX
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-(14-16)RX

Manual Integrations
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Quant Time: Nov 25 08:47:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116042	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	464163	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	246442	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	552719	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	303045	20.00	ng	-0.02
87) Perylene-d12	15.60	264	399425	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	103187	15.74	ng	-0.02
7) Phenol-d6	6.52	99	600047	75.89	ng	-0.02
23) Nitrobenzene-d5	7.46	82	545179	69.82	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	18118	6.94	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1107387	80.61	ng	-0.02
79) Terphenyl-d14	13.04	244	1525695	92.01	ng	-0.02
Target Compounds						
10) Phenol	6.53	94	19124	2.327	ng	Qvalue 97
50) Dimethylphthalate	9.66	163	224954	13.017	ng	97
71) Phenanthrene	11.47	178	141459	5.090	ng	96
74) Di-n-butylphthalate	12.00	149	64522	2.152	ng	98
78) Pyrene	12.89	202	159853	6.527	ng	98
81) Benzo(a)anthracene	14.08	228	63172	3.155	ng	99
83) Chrysene	14.12	228	56840	2.929	ng	97
88) Benzo(b)fluoranthene	15.15	252	65081m	2.508	ng	
90) Benzo(a)pyrene	15.53	252	51400	2.252	ng	# 90

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

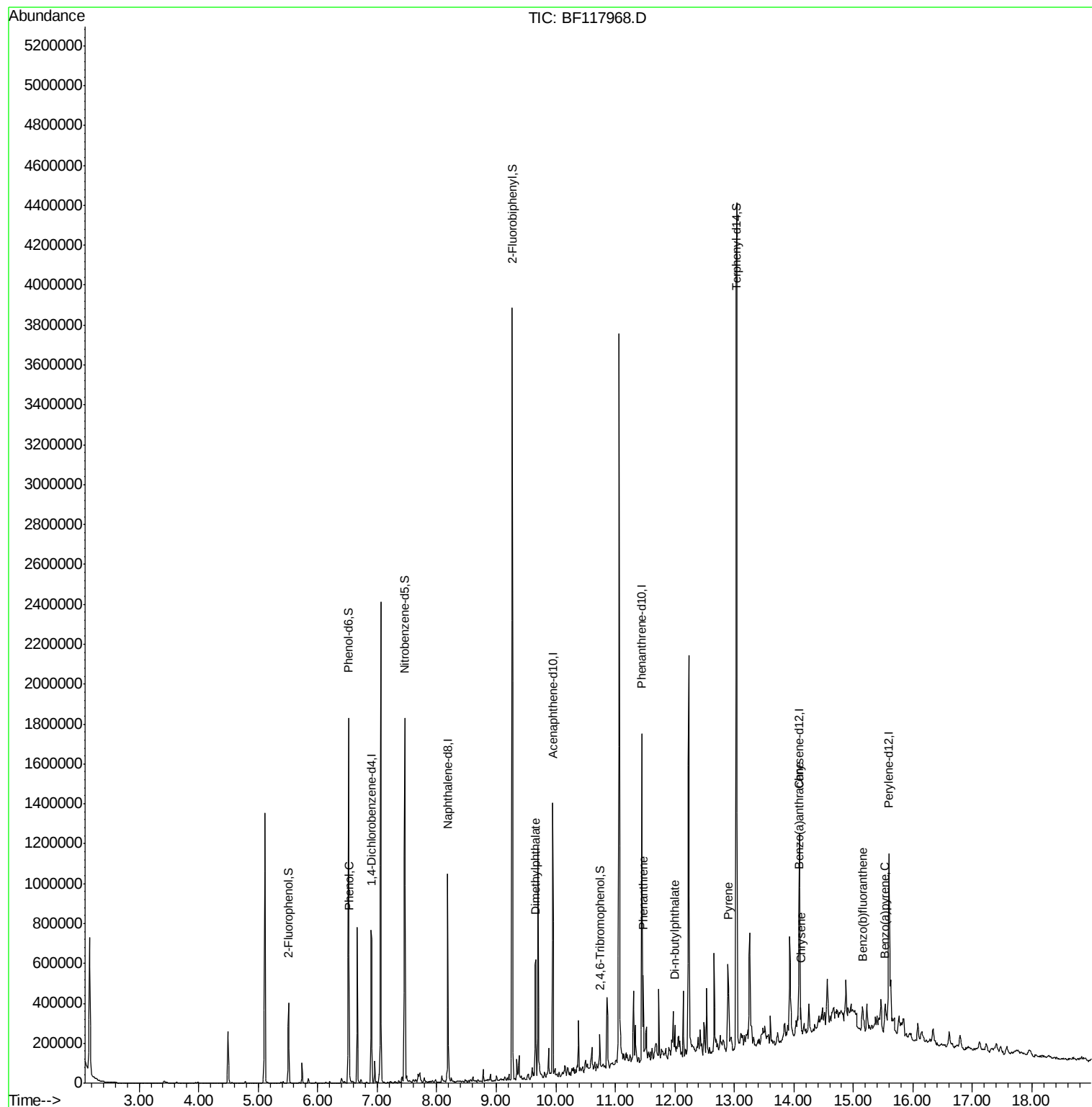
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117968.D
Acq On : 23 Nov 2019 20:31
Operator : JU
Sample : K5865-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

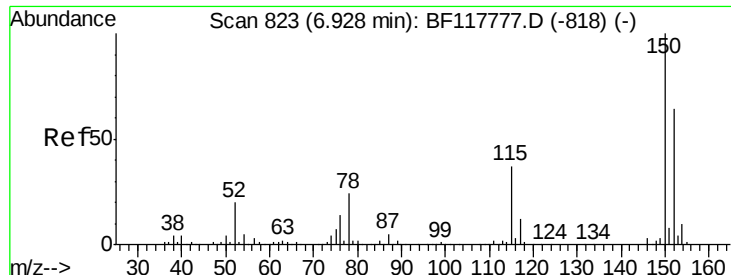
Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

Manual Integrations
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Quant Time: Nov 25 08:47:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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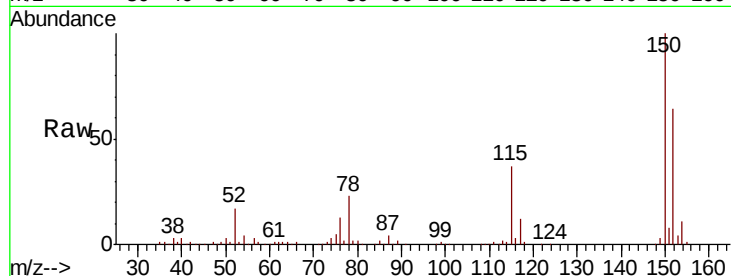
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117968.D
 Acq: 23 Nov 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 3-(14-16)RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	57.3	47.0	70.4

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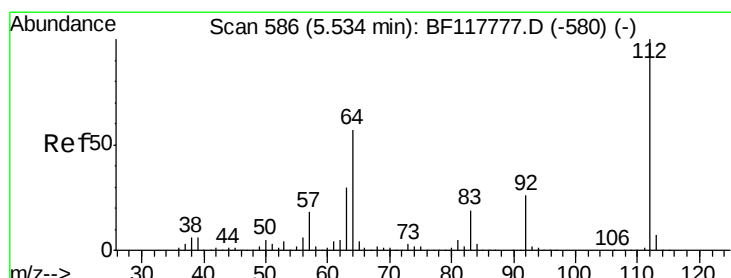
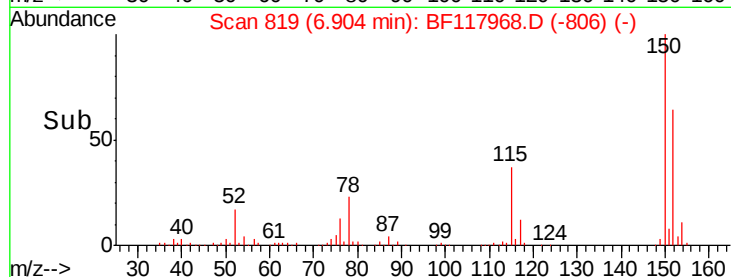
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

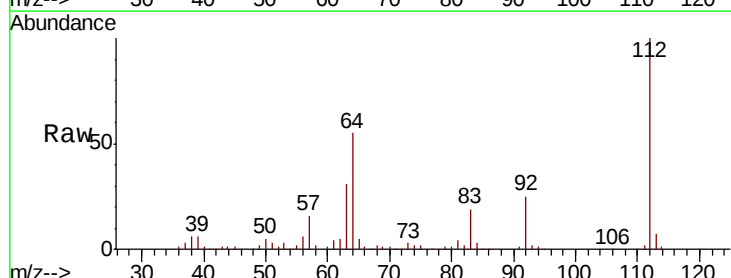
Ion 115.00 (114.70 to 115.70): E

Time-->



#5
 2-Fluorophenol
 Concen: 15.740 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF117968.D
 Acq: 23 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.6	68.4
63	30.7	24.1	36.1



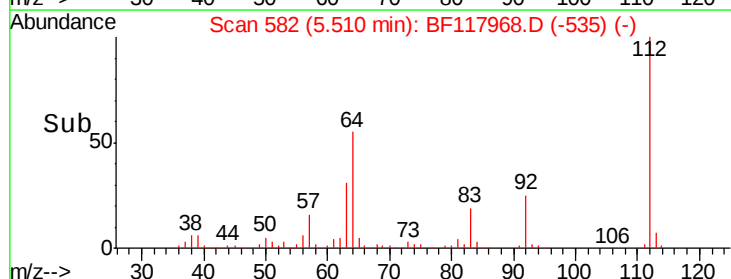
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 75.886 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117968.D

Acq: 23 Nov 2019 20:31

Instrument :

BNA_F

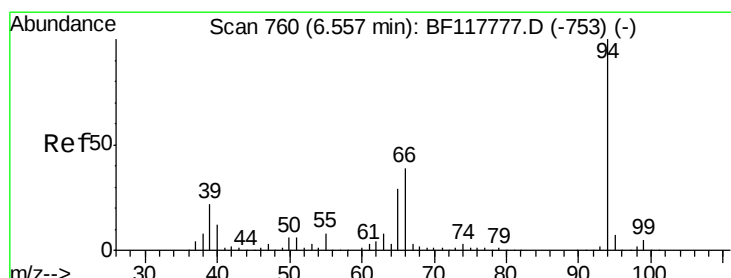
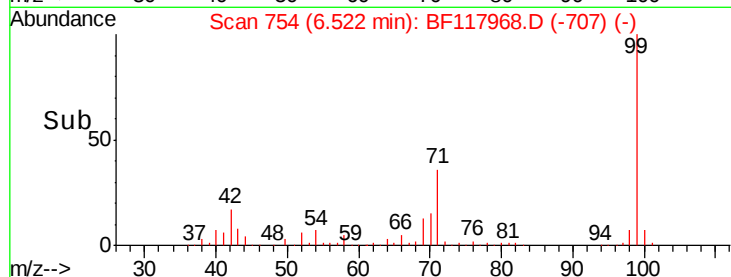
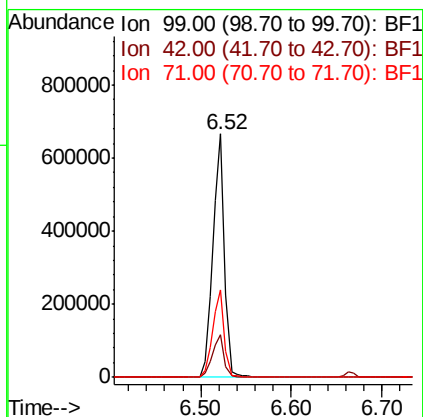
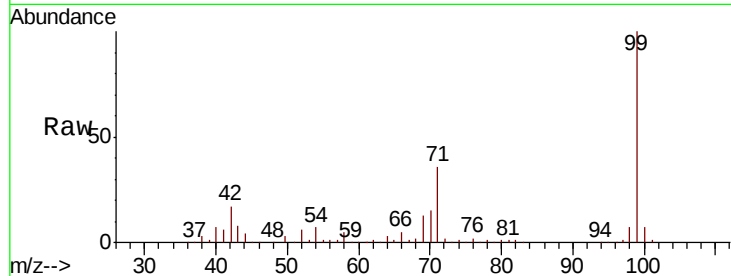
ClientSampleId :

3-(14-16)RX

Tot Ion:	99	Resp:	600047
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.9	22.3
71	35.8	28.6	43.0

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#10

Phenol

Concen: 2.327 ng

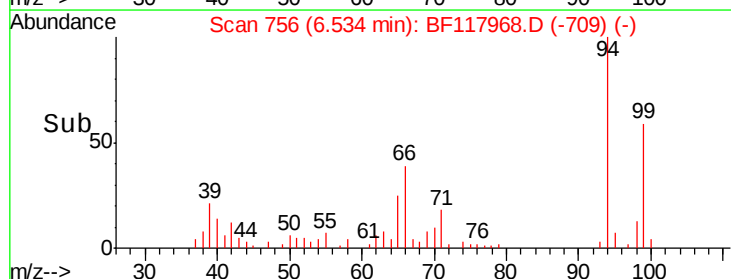
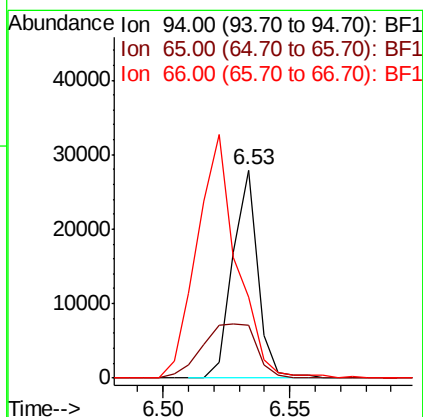
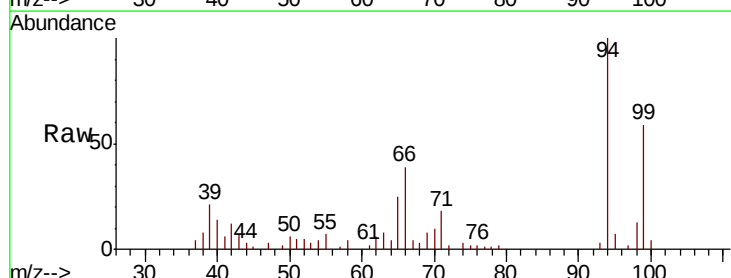
RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF117968.D

Acq: 23 Nov 2019 20:31

Tgt Ion:	94	Resp:	19124
Ion Ratio	Lower	Upper	
94	100		
65	25.2	8.9	48.9
66	39.1	18.7	58.7





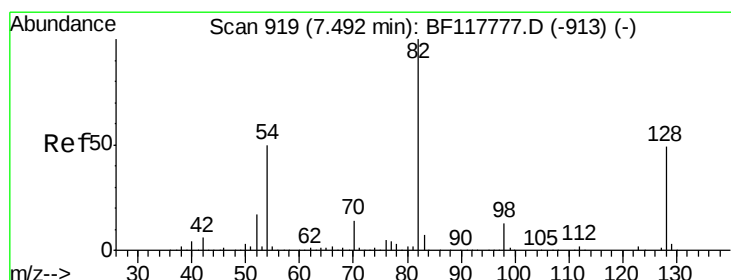
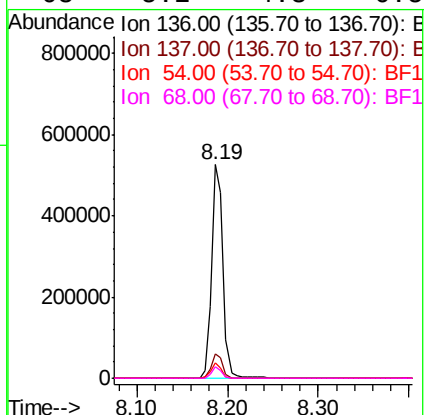
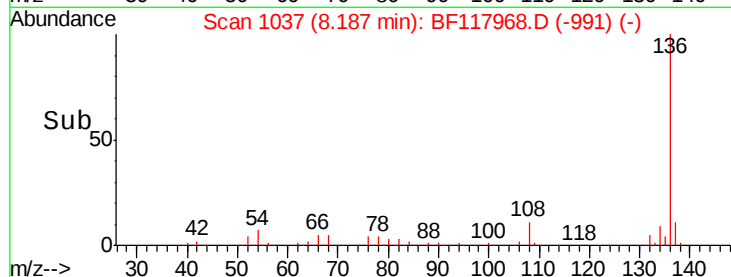
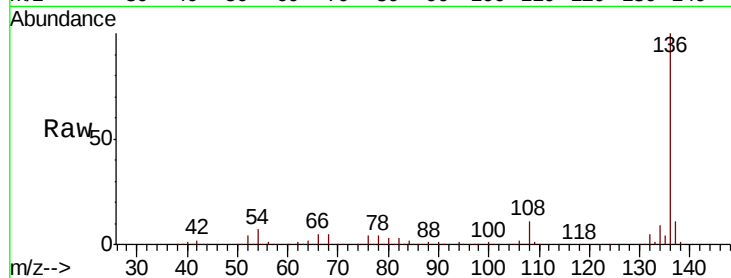
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.4	
54	7.0	5.4	8.2	
68	5.2	4.3	6.5	

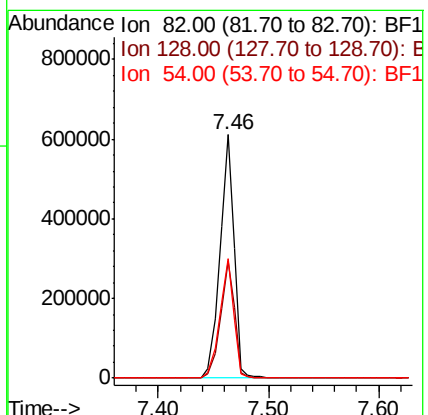
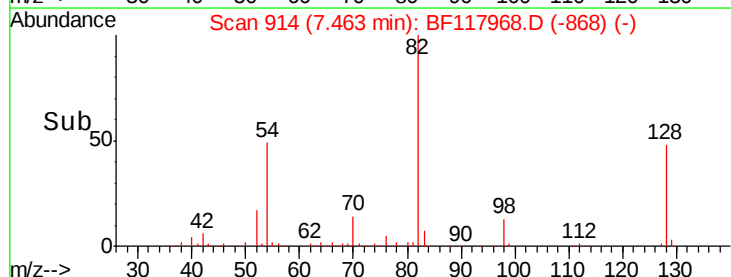
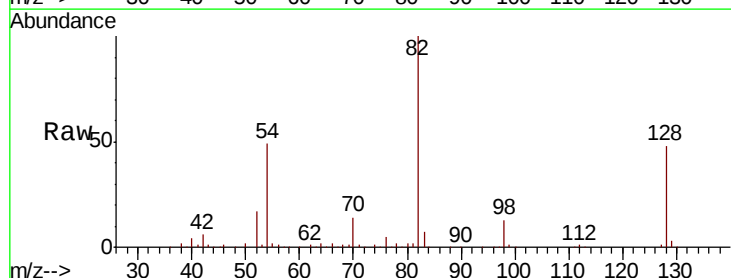
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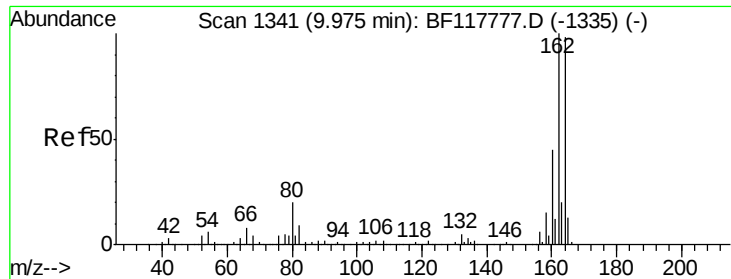
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#23
Nitrobenzene-d5
Concen: 69.822 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.0	38.9	58.3	
54	49.0	39.8	59.6	





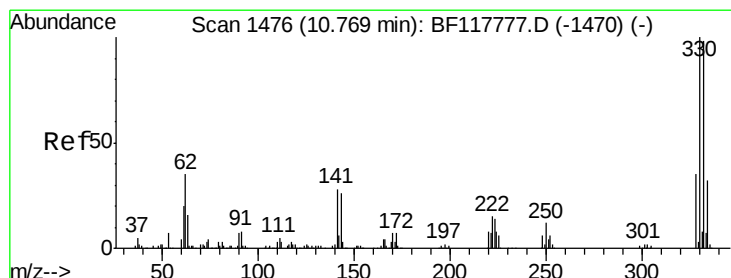
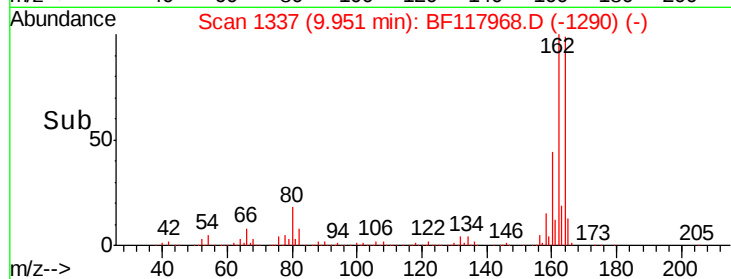
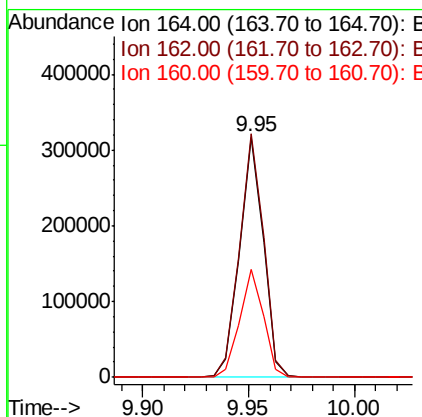
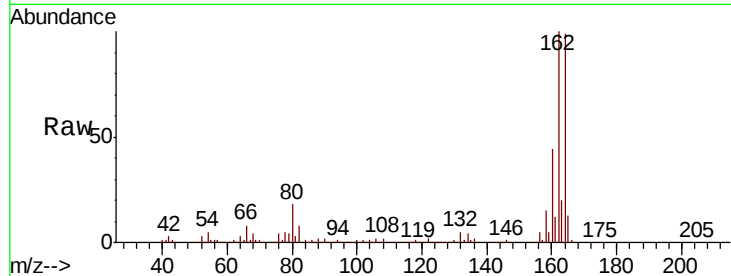
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.3	121.9	
160	45.0	36.6	55.0	

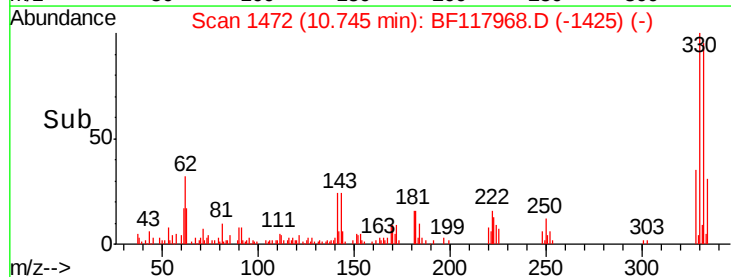
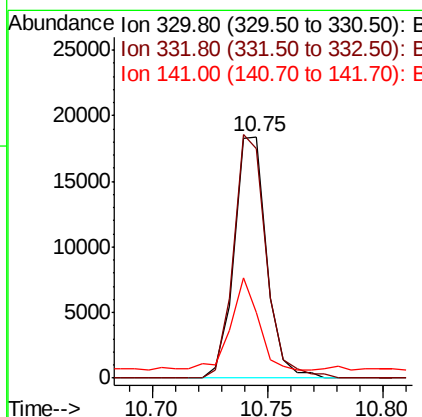
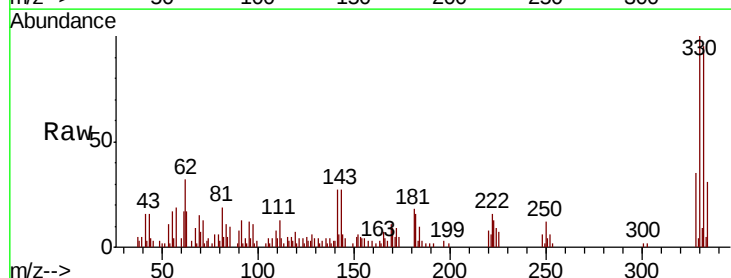
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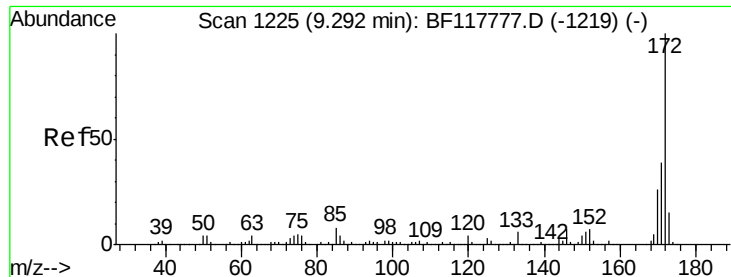
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#42
2,4,6-Tribromophenol
Concen: 6.944 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.4	76.7	115.1	
141	31.6	27.7	41.5	





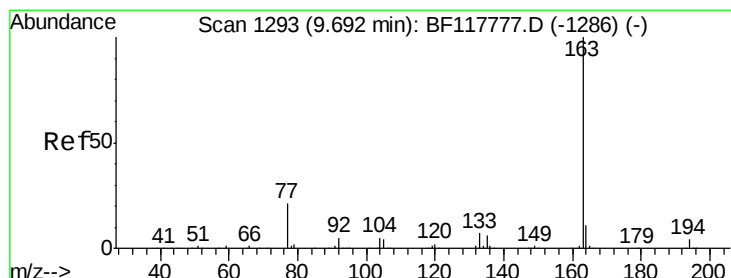
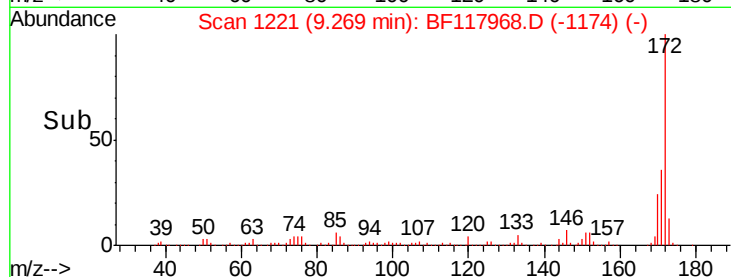
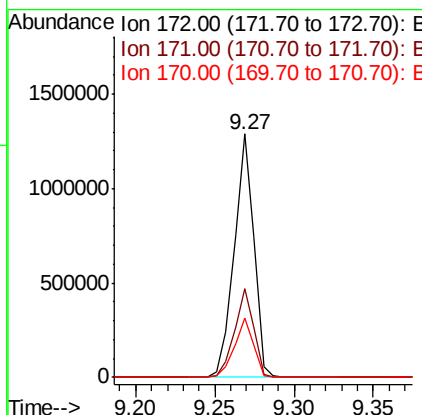
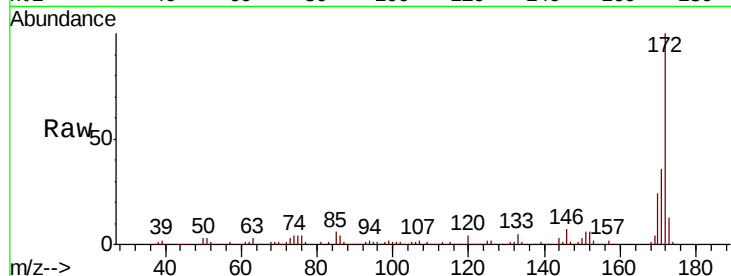
#45
2-Fluorobiphenyl
Concen: 80.615 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.5	30.9	46.3	
170	24.3	21.0	31.4	

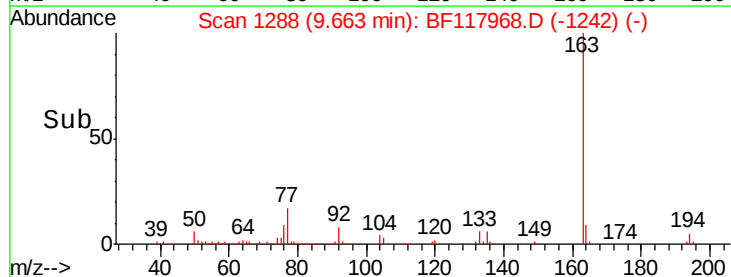
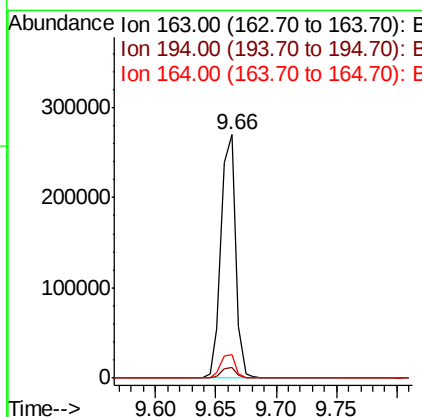
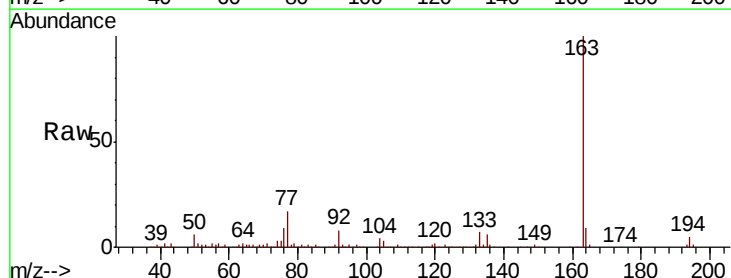
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#50
Dimethylphthalate
Concen: 13.017 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.5	3.3	4.9	
164	9.5	8.7	13.1	





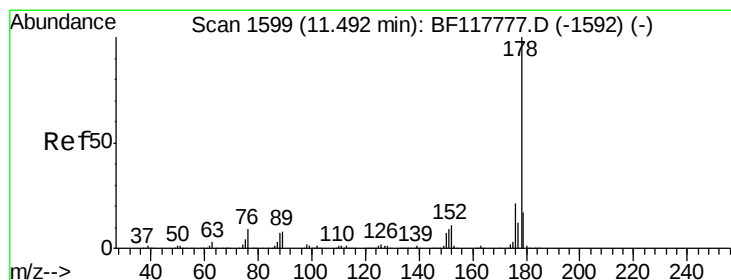
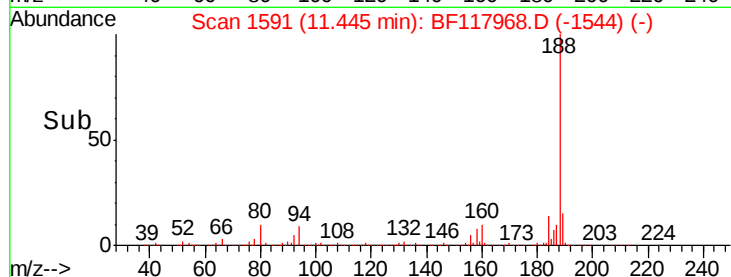
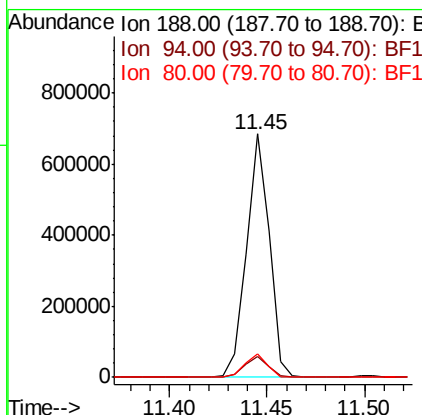
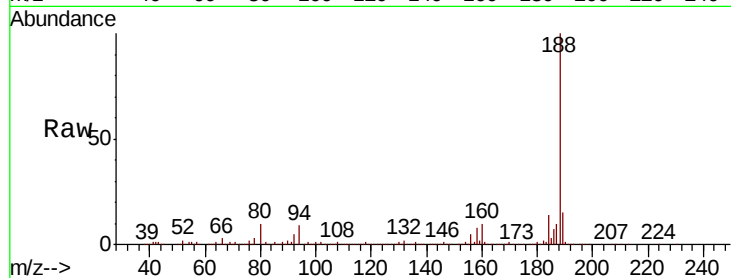
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

Tot Ion	Ratio	Resp	Lower	Upper
188	100	552719		
94	8.6		6.6	10.0
80	9.6		7.2	10.8

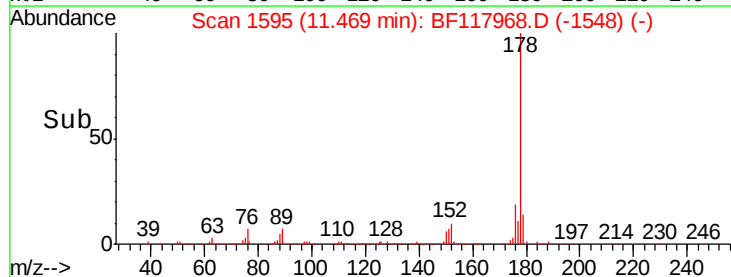
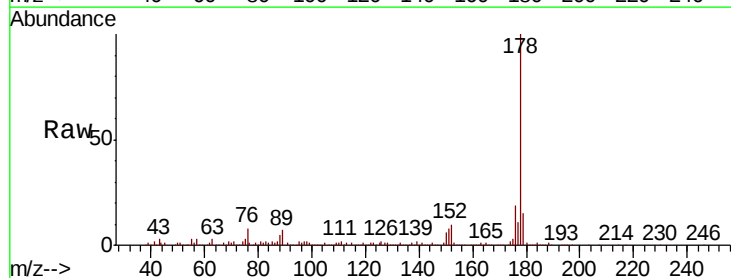
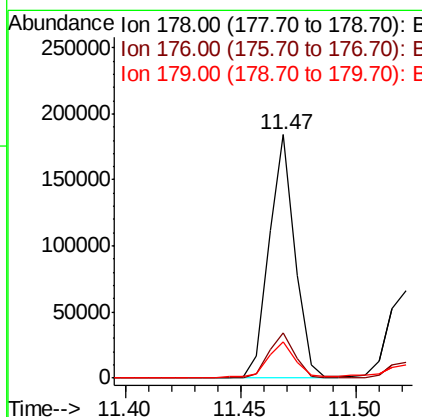
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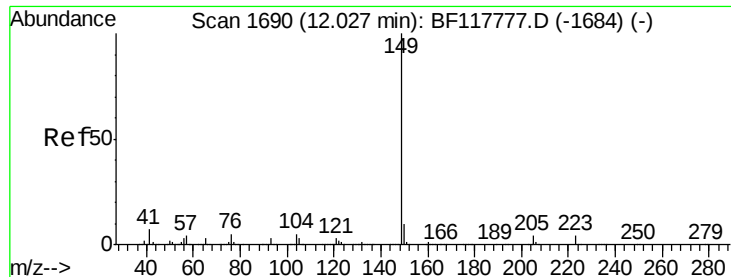
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#71
Phenanthrene
Concen: 5.090 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	141459		
176	18.7		16.6	25.0
179	14.8		13.2	19.8





#74

Di-n-butylphthalate

Concen: 2.152 ng

RT: 12.00 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BF117968.D

Acq: 23 Nov 2019 20:31

Instrument :

BNA_F

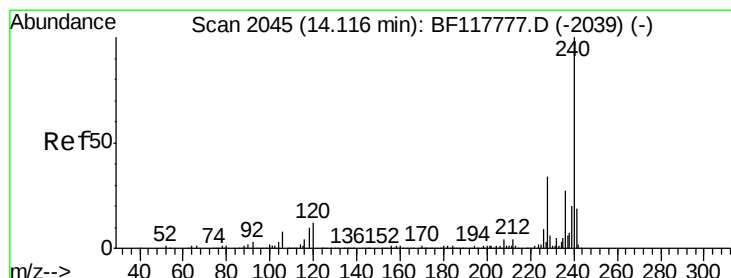
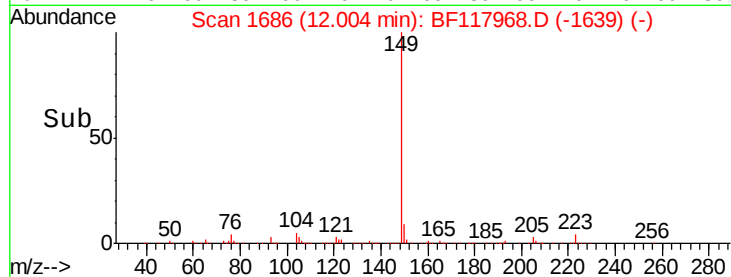
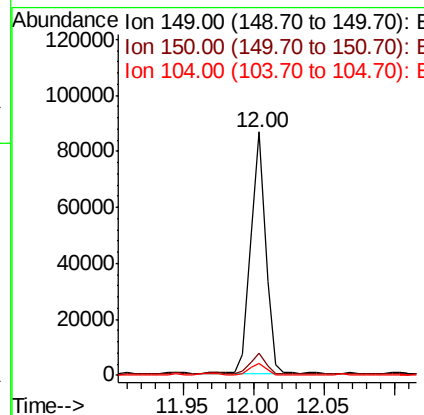
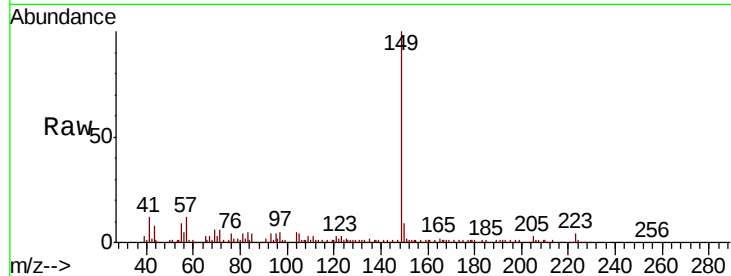
ClientSampleId :

3-(14-16)RX

Tot Ion:	149	Resp:	64522
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.9	11.9
104	4.7	4.2	6.4

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#76

Chrysene-d12

Concen: 20.000 ng

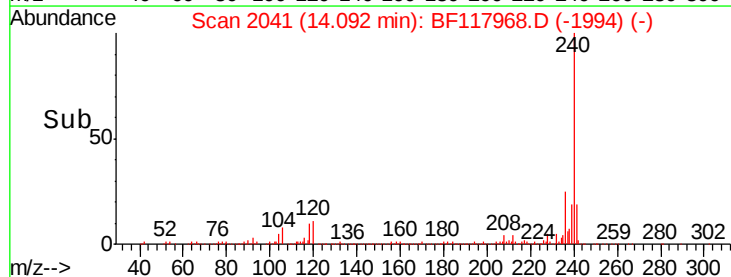
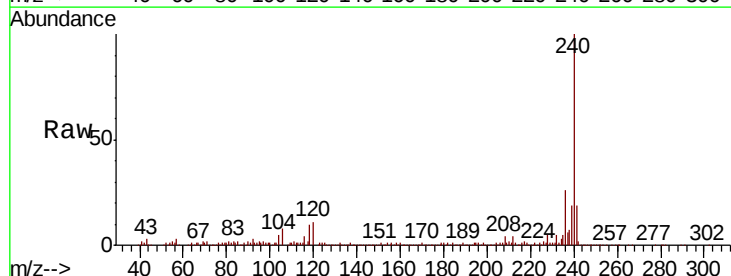
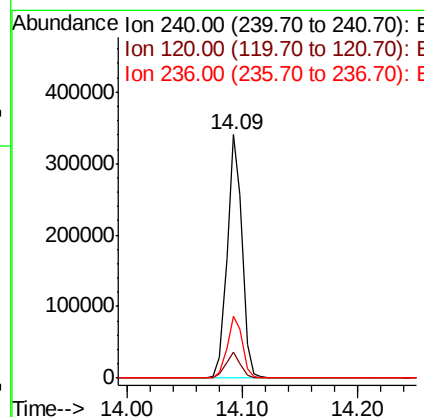
RT: 14.09 min Scan# 2041

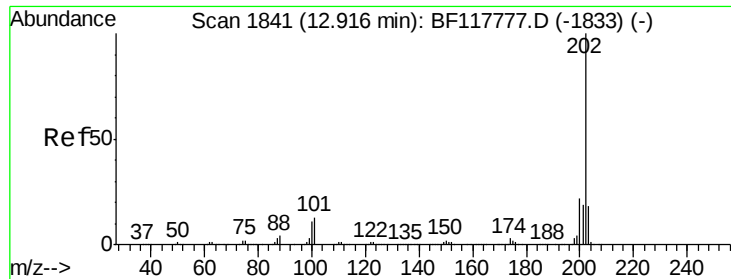
Delta R.T. -0.02 min

Lab File: BF117968.D

Acq: 23 Nov 2019 20:31

Tgt Ion:	240	Resp:	303045
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	25.5	21.3	31.9





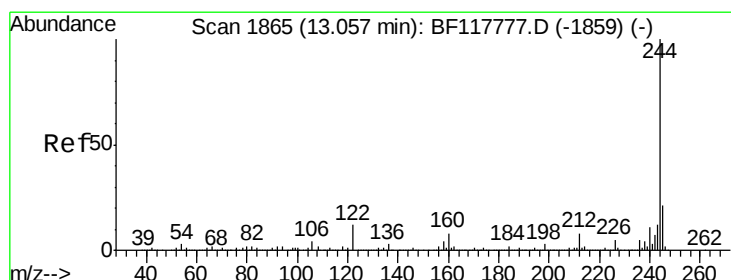
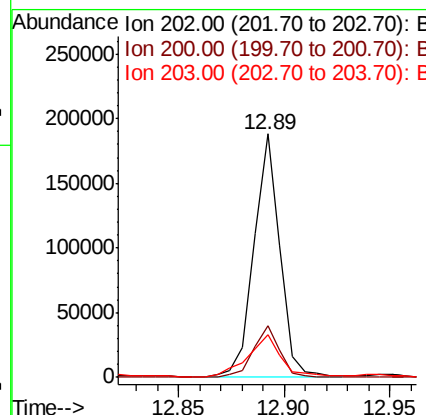
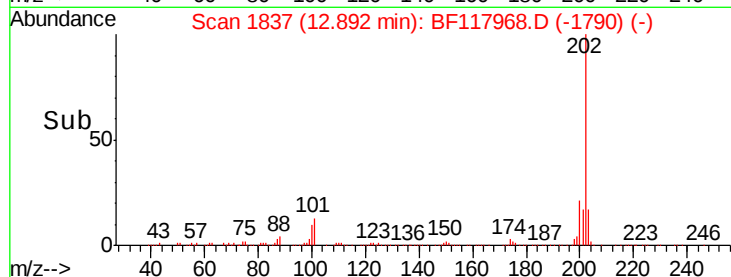
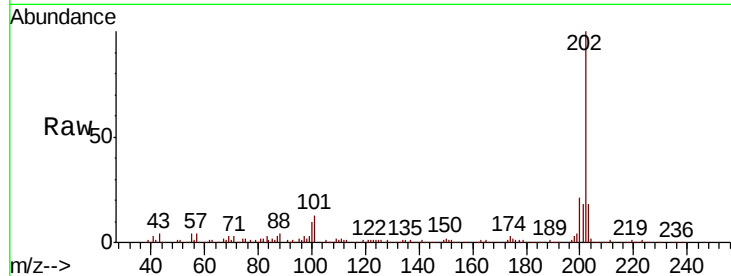
#78
Pvrene
Concen: 6.527 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.8
203	17.6	14.6	22.0

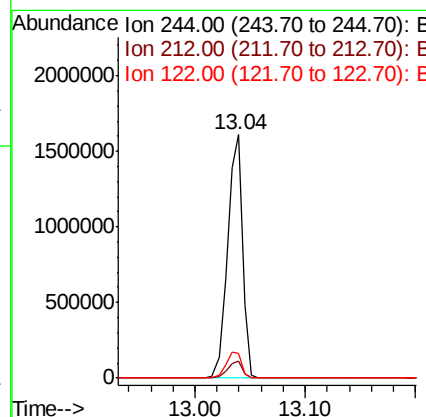
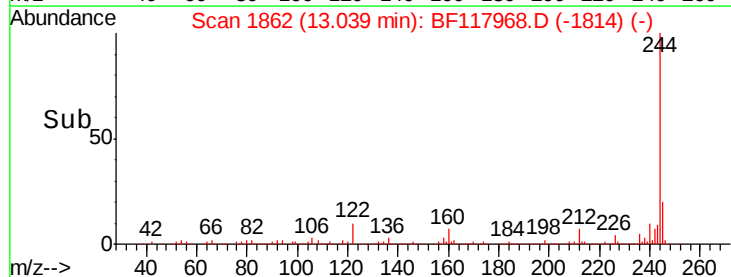
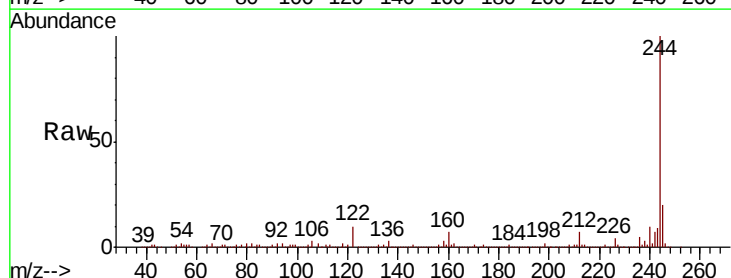
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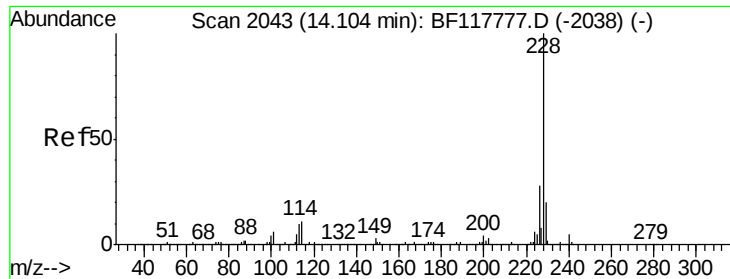
mohammad
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#79
Terphenyl-d14
Concen: 92.012 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	9.9	9.4	14.2





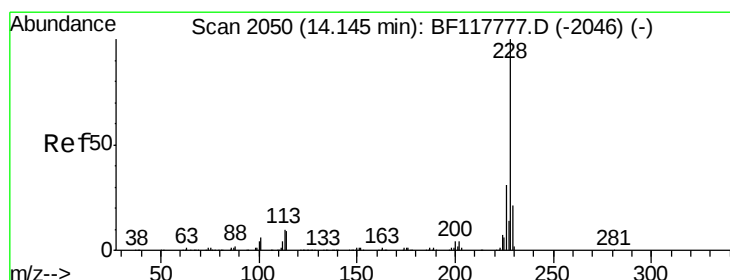
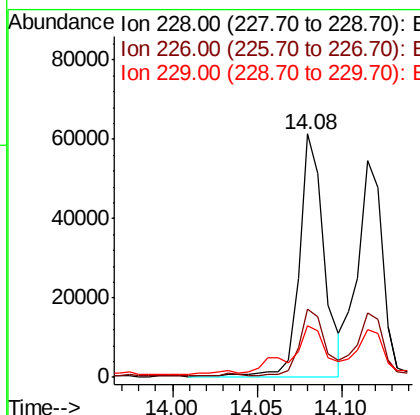
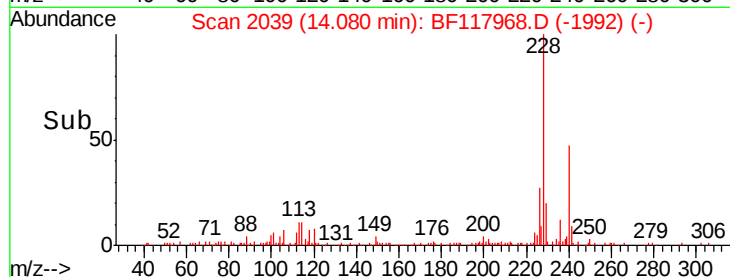
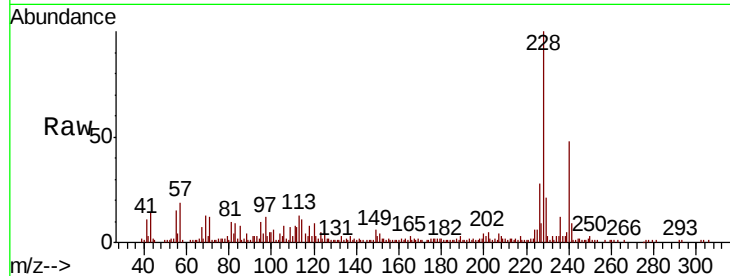
#81
Benzo(a)anthracene
Concen: 3.155 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	21.0	15.9	23.9

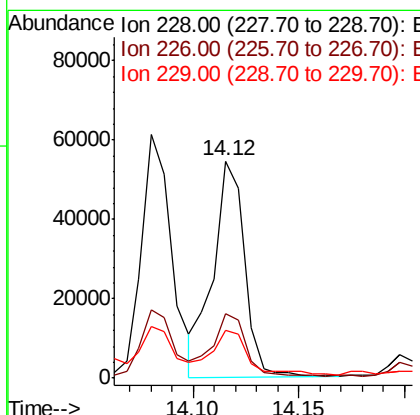
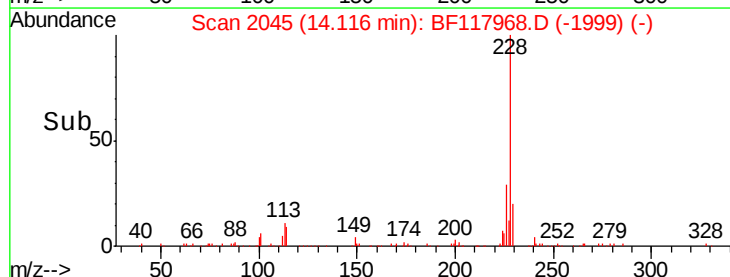
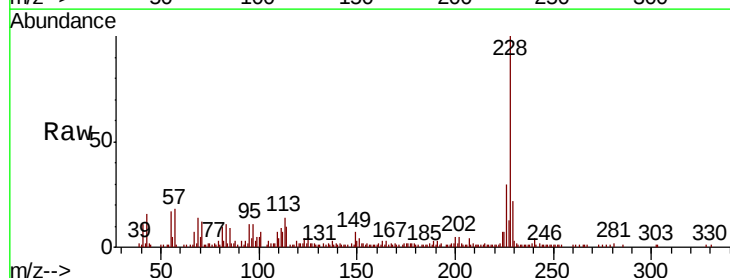
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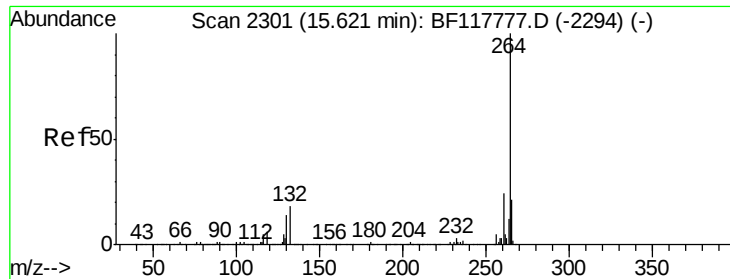
mohammad
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#83
Chrysene
Concen: 2.929 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.03 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.4
229	22.1	16.6	25.0





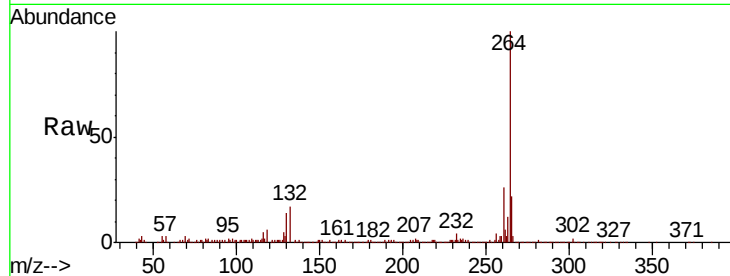
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

Instrument :
BNA_F
ClientSampleId :
3-(14-16)RX

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	25.6	19.4	29.0
265	22.5	17.1	25.7

Manual Integrations
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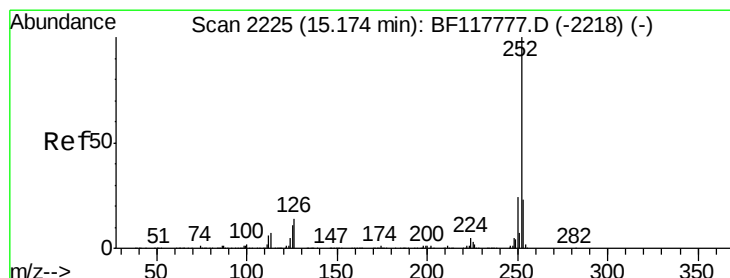
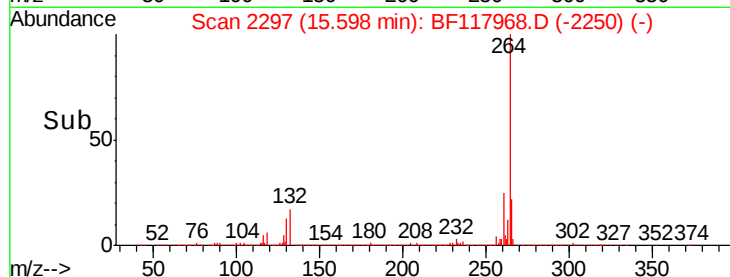
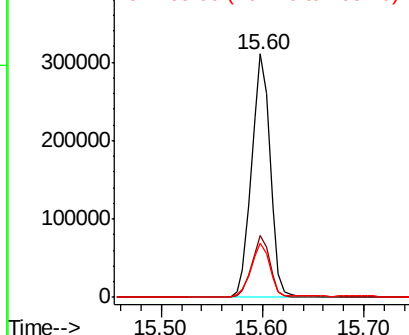


Abundance

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: 2.508 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF117968.D
Acq: 23 Nov 2019 20:31

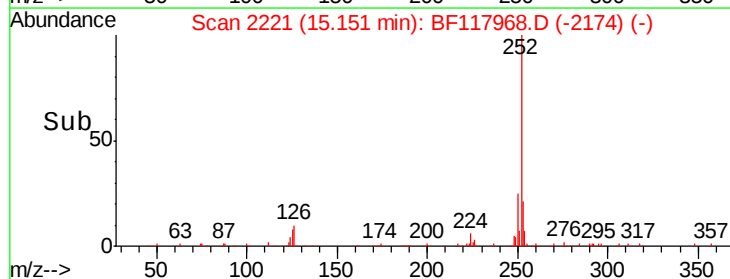
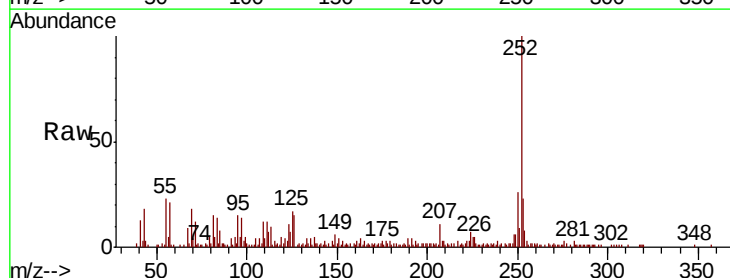
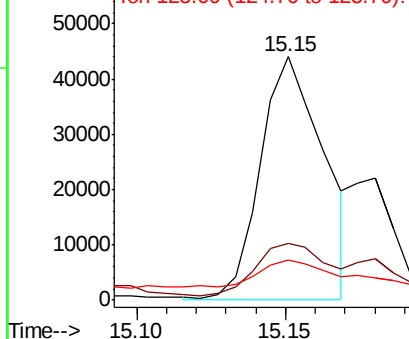
Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	18.0	27.0
125	16.5	8.6	13.0

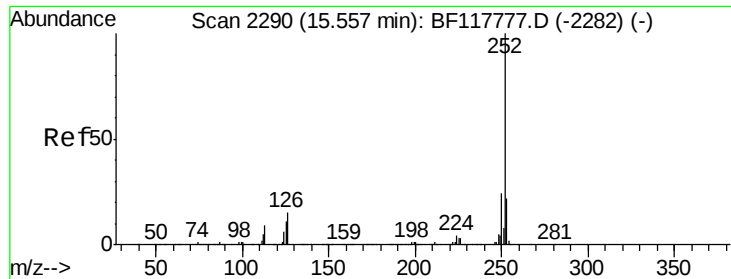
Abundance

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





#90
 Benzo(a)pyrene
 Concen: 2.252 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.02 min
 Lab File: BF117968.D
 Acq: 23 Nov 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 3-(14-16)RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.6
125	17.4	9.2	13.8

Manual Integrations
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