

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115609.D
 Acq On : 16 Jul 2019 20:38
 Operator : HP/JU
 Sample : K3622-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-071519-B

Manual Integrations
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 7/17/2019 12:06:44 PM

Quant Time: Jul 17 05:47:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	144706	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	410412	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	190140	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	378000	20.00	ng	0.00
76) Chrysene-d12	14.04	240	404394	20.00	ng	-0.01
87) Perylene-d12	15.52	264	335628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	368059	41.60	ng	0.00
7) Phenol-d6	6.50	99	434964	38.75	ng	-0.01
23) Nitrobenzene-d5	7.43	82	218646	30.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	89850	40.48	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	400673	36.88	ng	-0.01
79) Terphenyl-d14	12.99	244	591297	26.98	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	49383	3.452	ng	99
71) Phenanthrene	11.43	178	89494	4.619	ng	96
75) Fluoranthene	12.62	202	199823	9.759	ng	99
78) Pyrene	12.85	202	258902	7.557	ng	96
81) Benzo(a)anthracene	14.03	228	126551	4.750	ng	92
83) Chrysene	14.07	228	132020	4.936	ng	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	47671	2.098	ng	96
88) Benzo(b)fluoranthene	15.09	252	118091m	5.464	ng	
90) Benzo(a)pyrene	15.45	252	91514	4.927	ng	# 87
92) Benzo(g,h,i)perylene	17.44	276	49422	3.039	ng	# 87

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

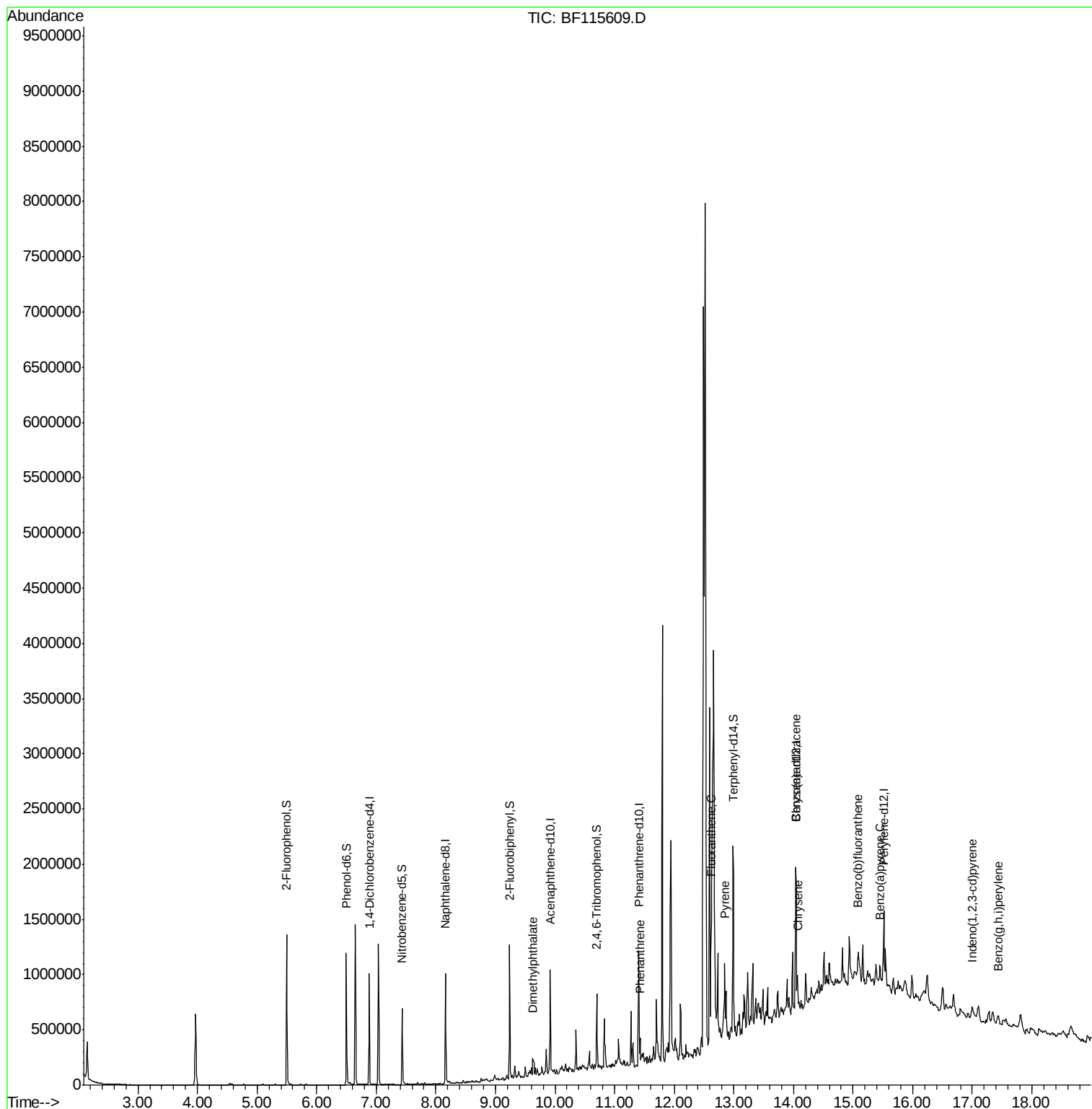
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115609.D
Acq On : 16 Jul 2019 20:38
Operator : HP/JU
Sample : K3622-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

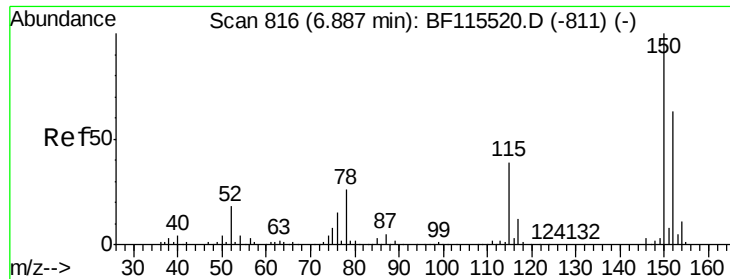
Instrument :
BNA_F
ClientSampleId :
OR-03-071519-B

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Quant Time: Jul 17 05:47:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





#1

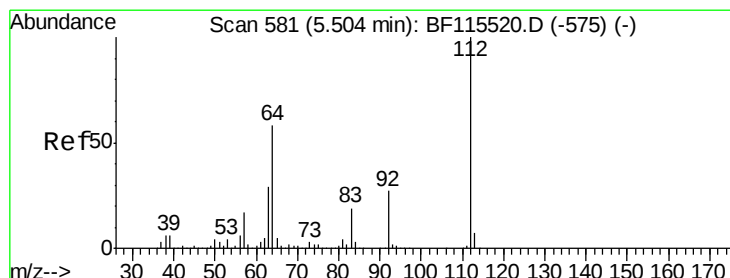
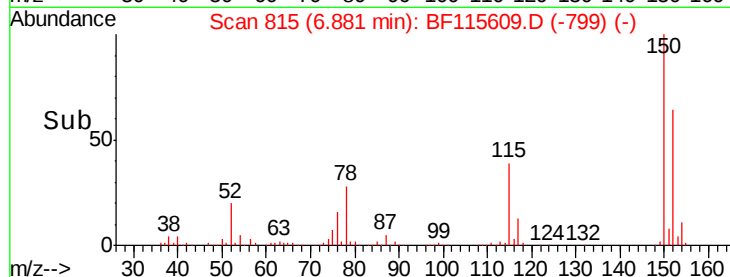
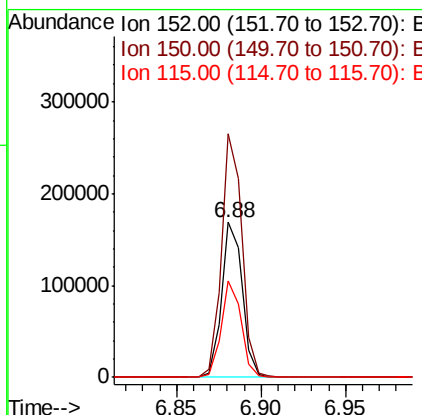
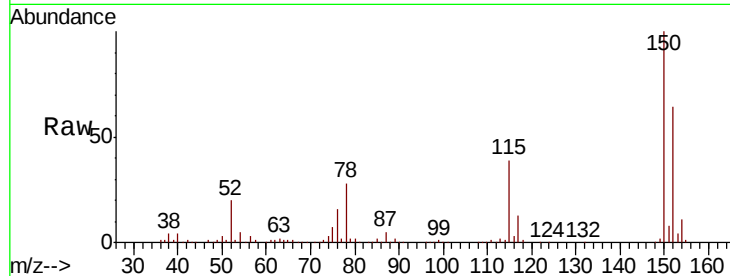
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :
OR-03-071519-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	129.7	194.5
115	61.8	48.2	72.4

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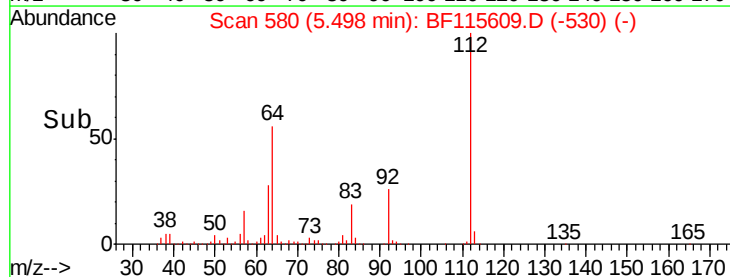
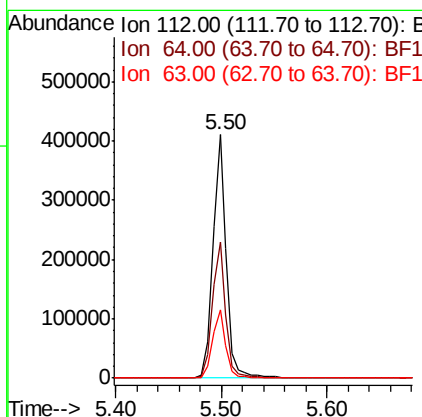
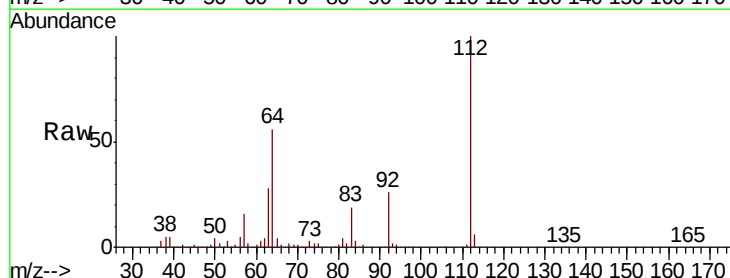
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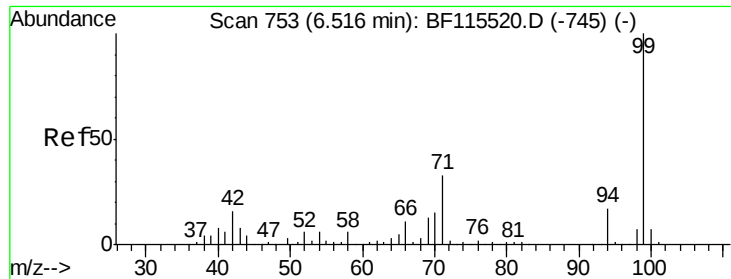


#5

2-Fluorophenol
Concen: 41.604 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.8	70.2
63	27.9	24.1	36.1





#7

Phenol-d6

Concen: 38.748 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115609.D

Acq: 16 Jul 2019 20:38

Instrument :

BNA_F

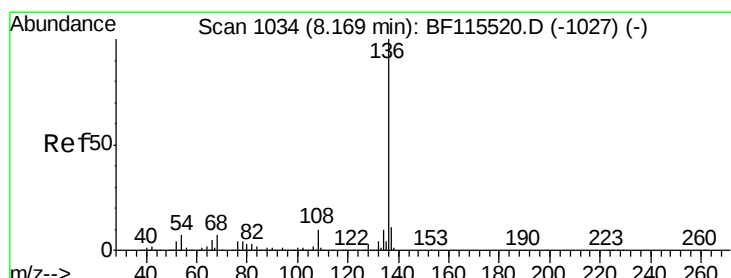
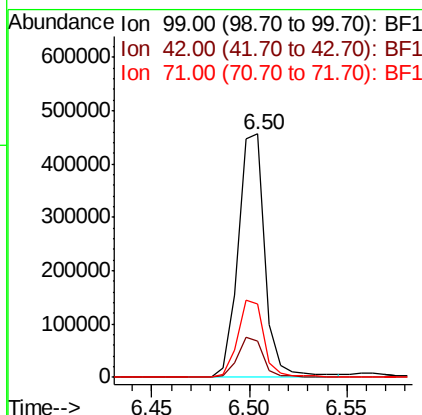
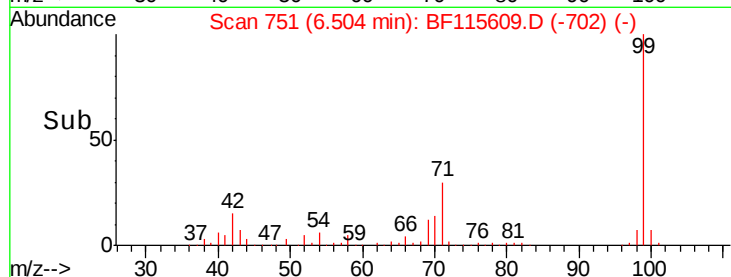
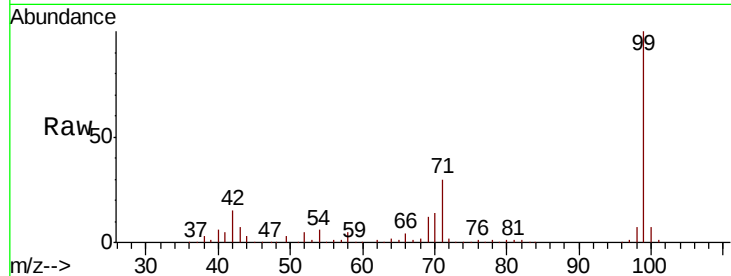
ClientSampleId :

OR-03-071519-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		434964		
42	14.8	13.6	20.4		
71	30.2	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

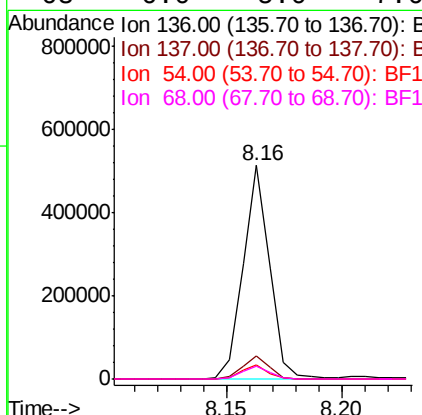
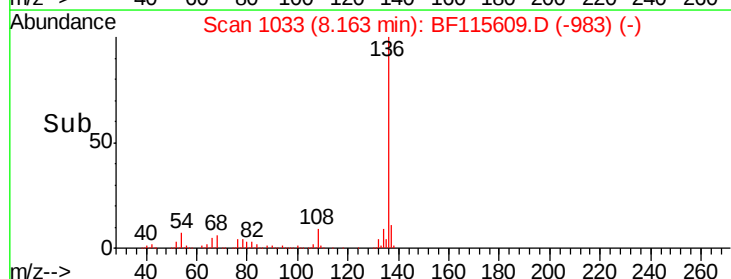
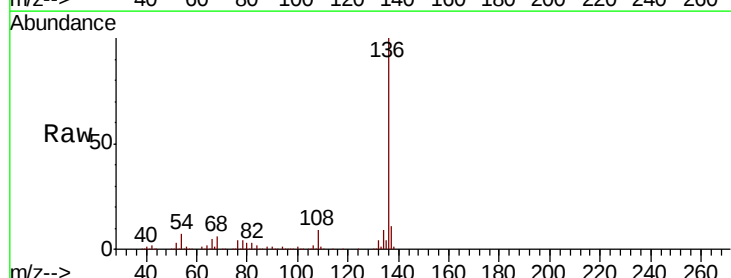
RT: 8.16 min Scan# 1033

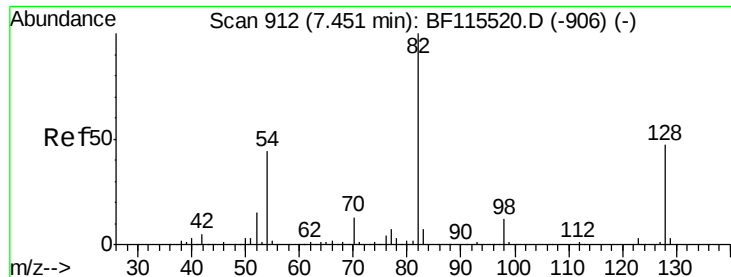
Delta R.T. -0.01 min

Lab File: BF115609.D

Acq: 16 Jul 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		410412		
137	11.1	9.0	13.4		
54	6.5	5.6	8.4		
68	6.0	5.0	7.6		





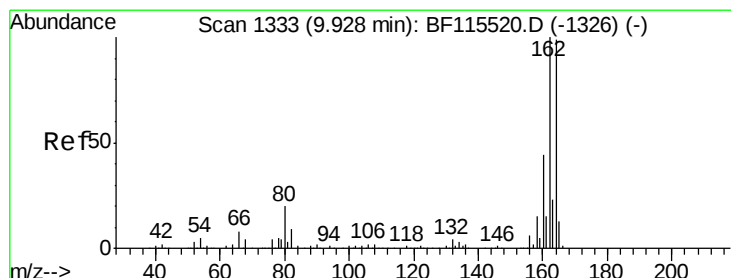
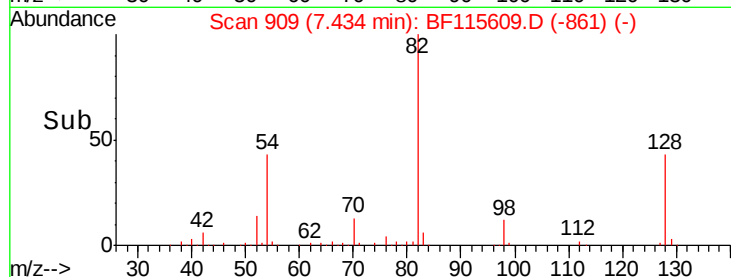
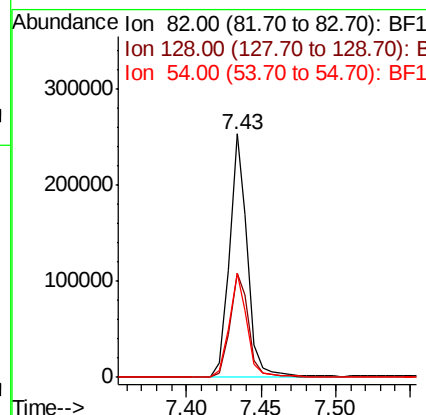
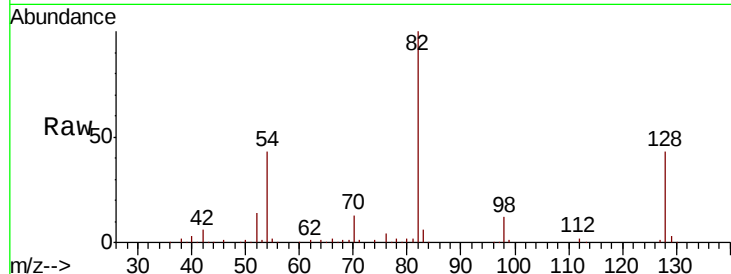
#23
Nitrobenzene-d5
Concen: 30.977 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :
OR-03-071519-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	38.6	57.8
54	42.8	35.6	53.4

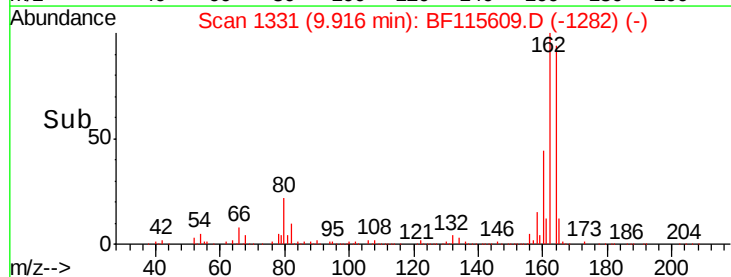
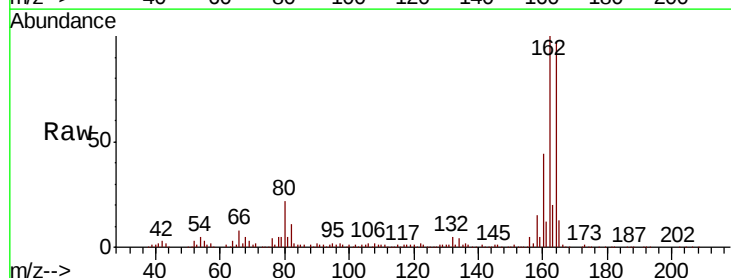
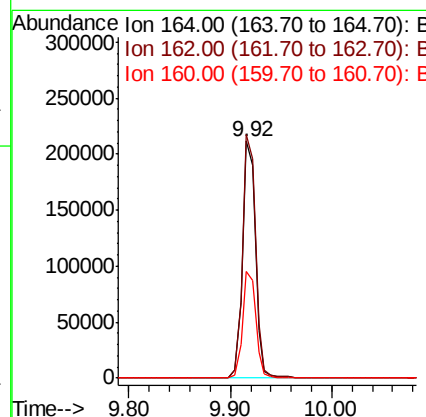
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	44.8	36.8	55.2





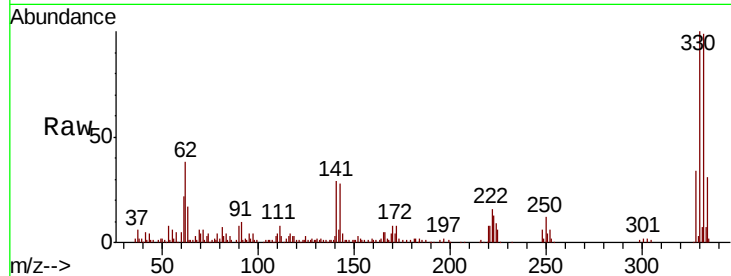
#42
 2,4,6-Tribromophenol
 Concen: 40.484 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115609.D
 Acq: 16 Jul 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-071519-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	89850		
332	98.6	77.4	116.2	
141	30.6	22.4	33.6	

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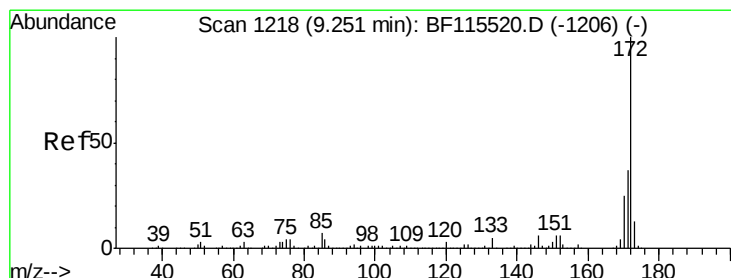
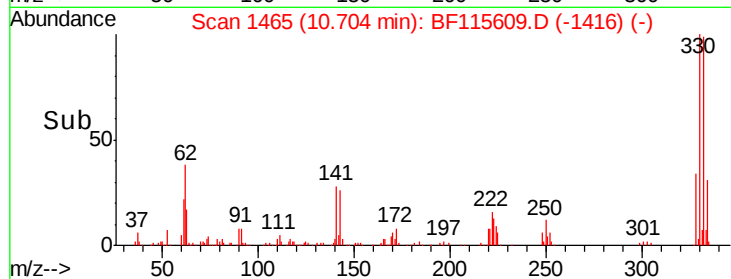
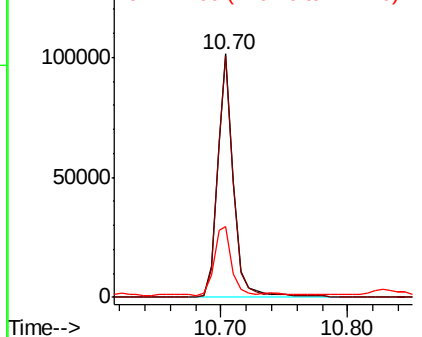


Abundance

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: 36.883 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115609.D
 Acq: 16 Jul 2019 20:38

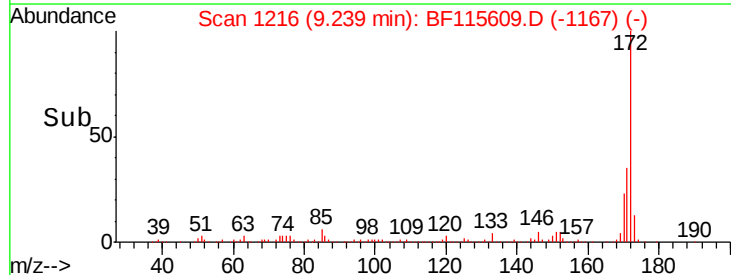
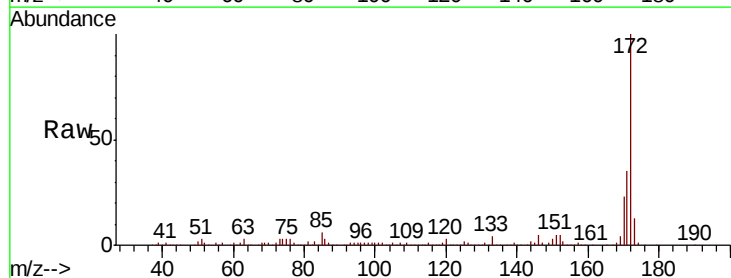
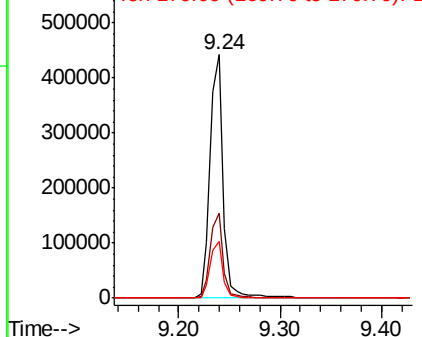
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	400673		
171	34.9	30.6	46.0	
170	23.2	20.5	30.7	

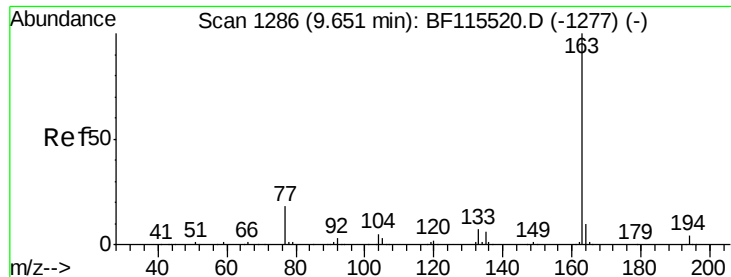
Abundance

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





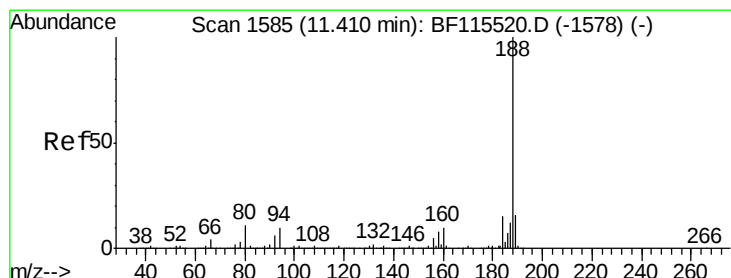
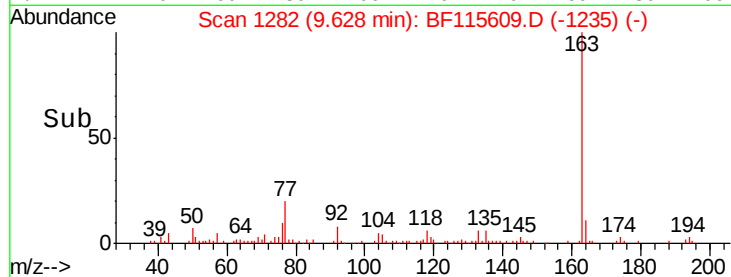
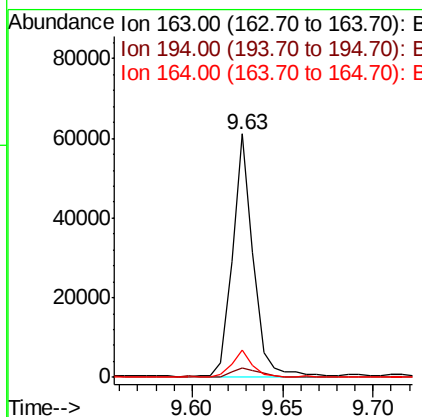
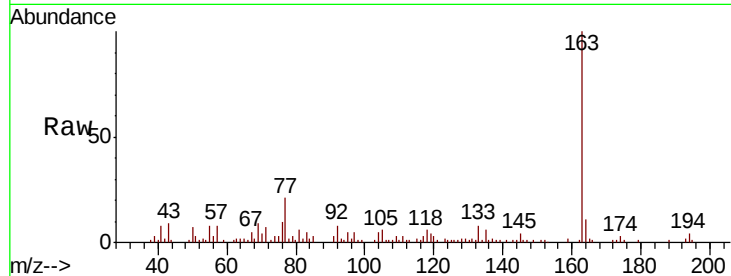
#50
Dimethylphthalate
Concen: 3.452 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :
OR-03-071519-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	49383		
194	4.1		3.3	4.9
164	11.2		8.7	13.1

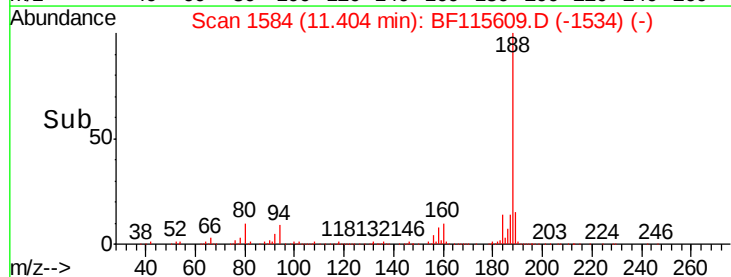
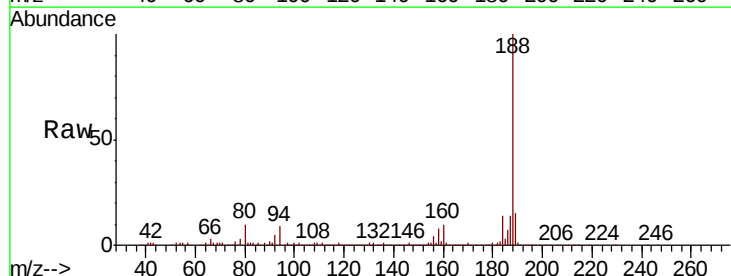
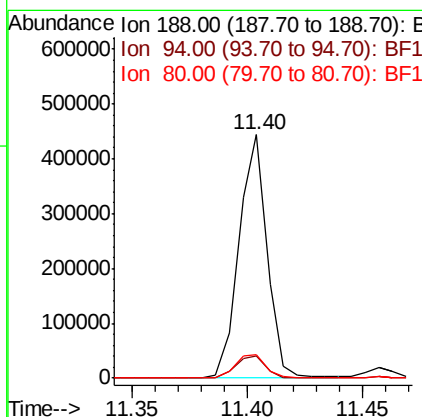
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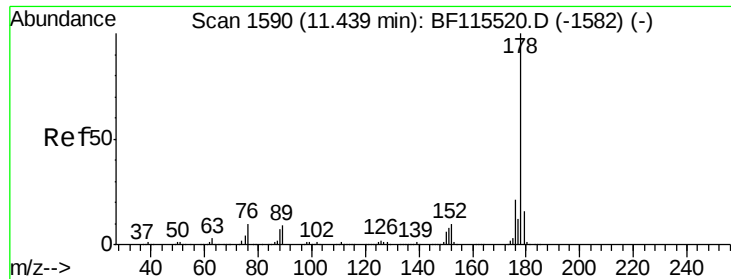
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	378000		
94	9.0		7.8	11.6
80	9.8		8.6	13.0





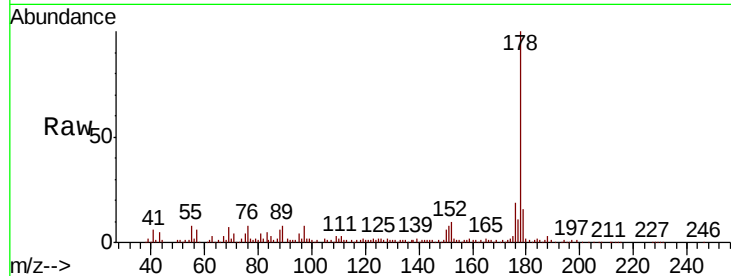
#71
Phenanthrene
Concen: 4.619 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :
OR-03-071519-B

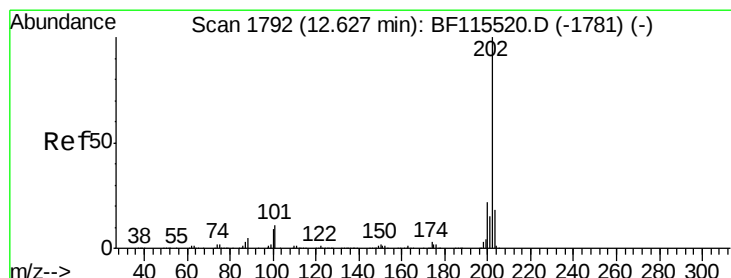
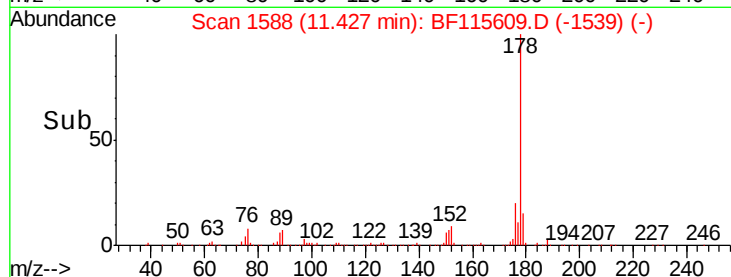
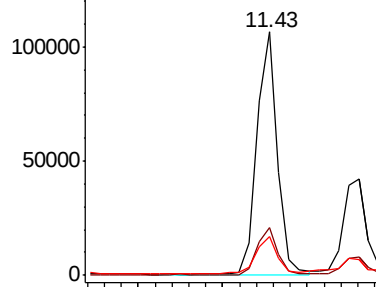
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.2	25.8
179	15.8	13.5	20.3

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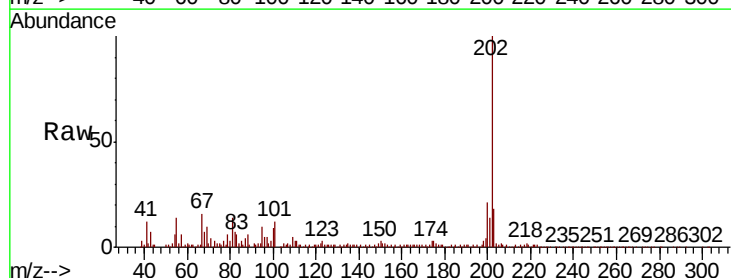


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

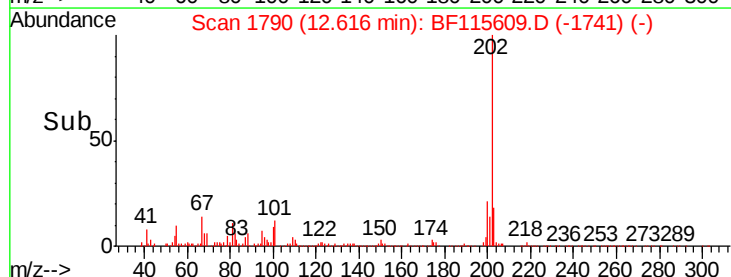
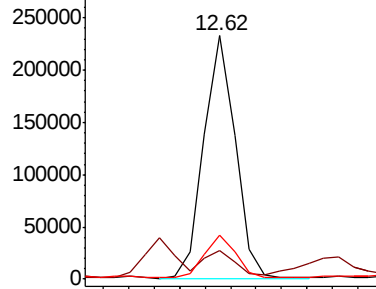


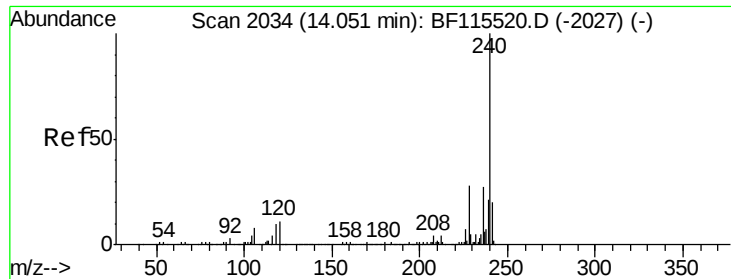
#75
Fluoranthene
Concen: 9.759 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.0	0.0	38.1



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





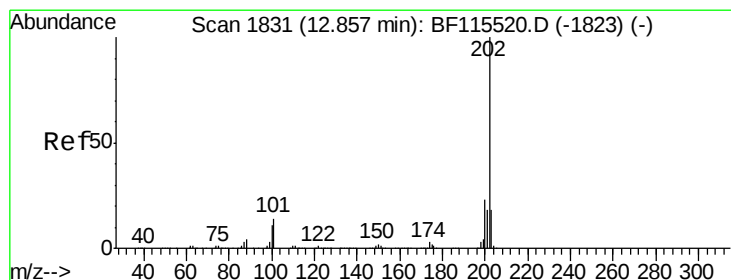
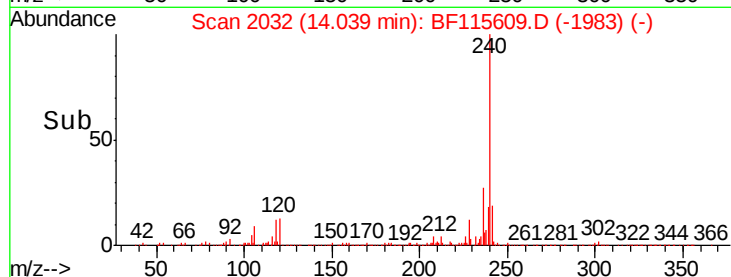
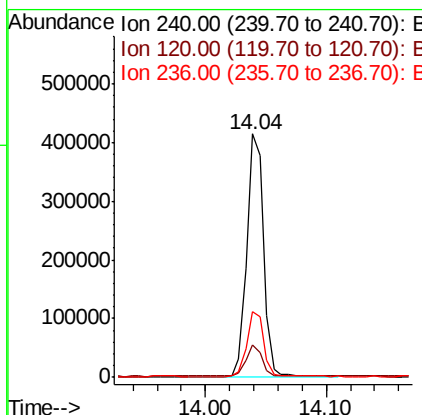
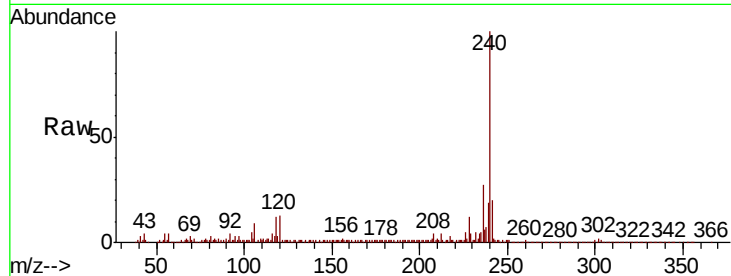
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :
OR-03-071519-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.6	13.0
236	27.0	21.3	31.9

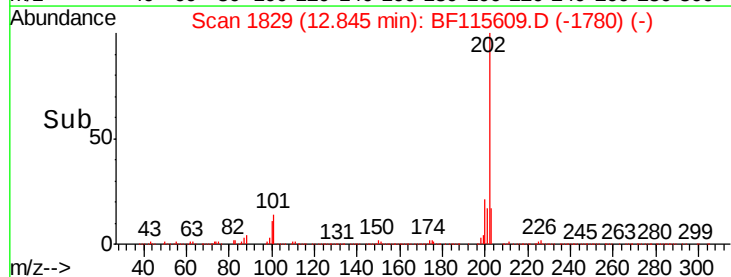
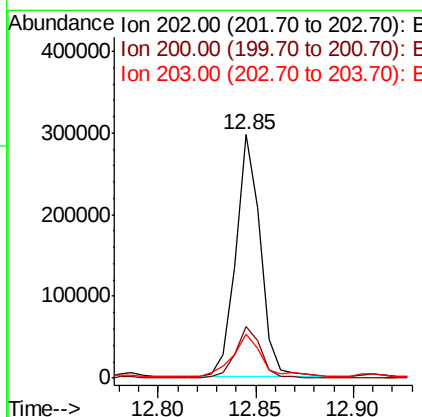
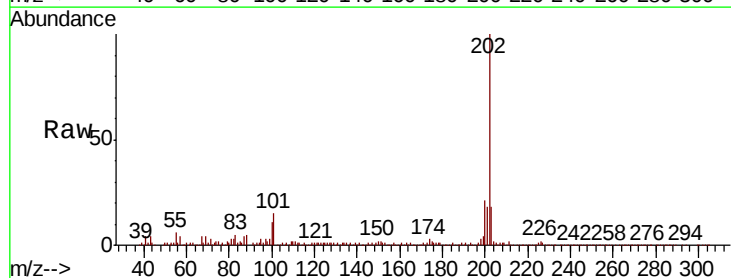
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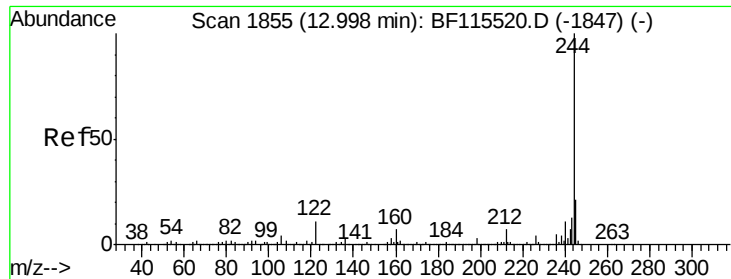
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7/17/2019 12:06:44 PM



#78
Pyrene
Concen: 7.557 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.7	28.1
203	18.0	15.2	22.8





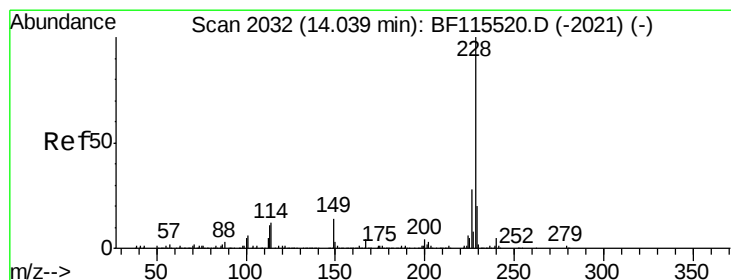
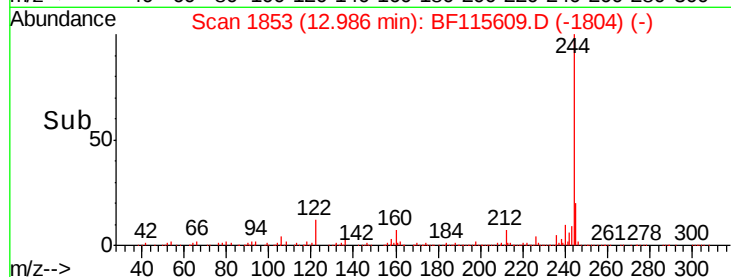
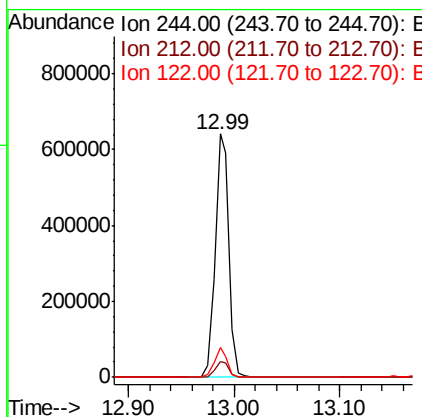
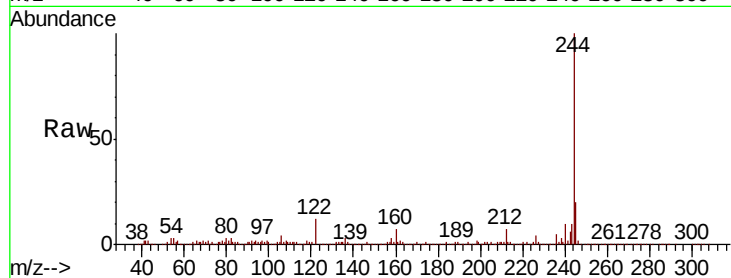
#79
 Terphenyl-d14
 Concen: 26.980 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115609.D
 Acq: 16 Jul 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-071519-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.0	8.6	12.8

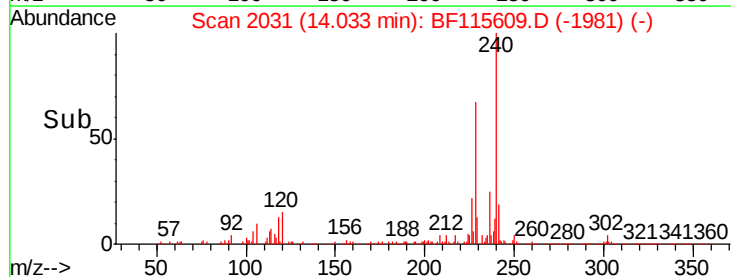
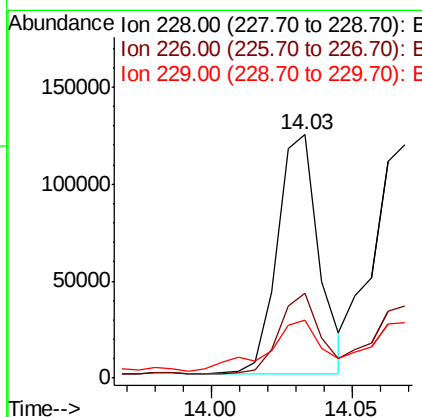
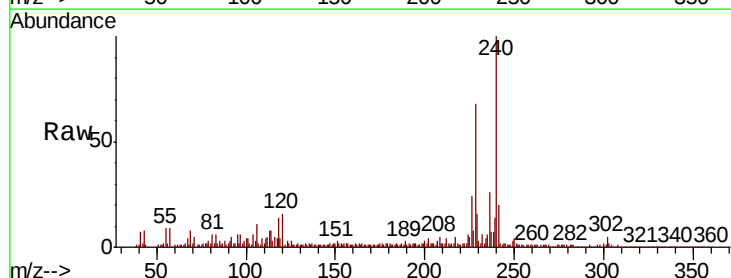
Manual Integrations
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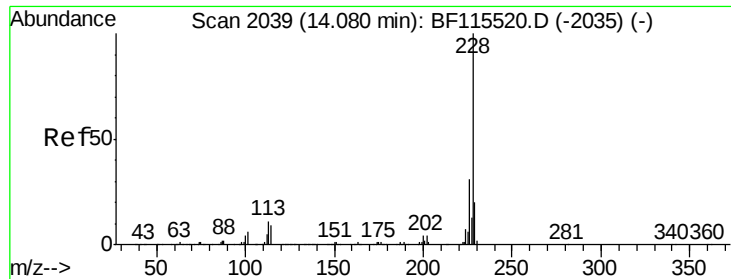
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.750 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF115609.D
 Acq: 16 Jul 2019 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.4	35.0
229	23.7	17.2	25.8





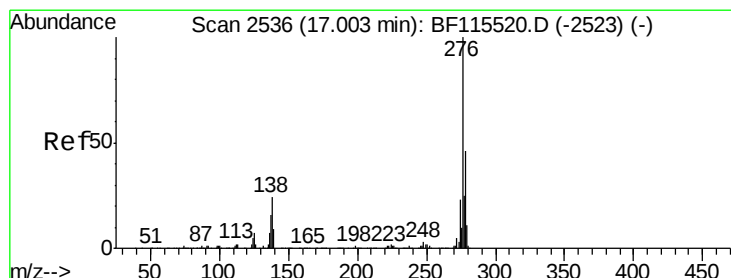
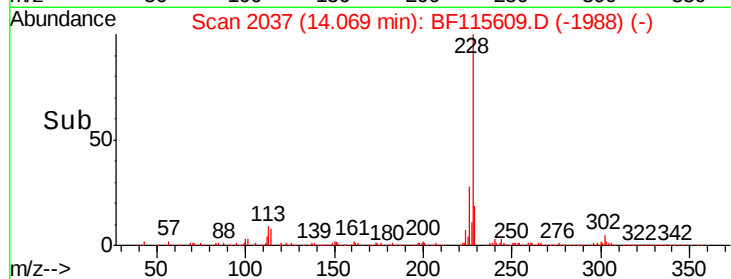
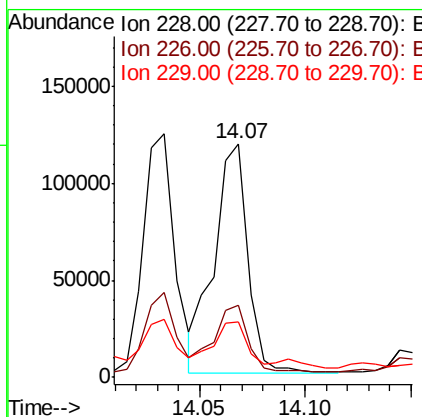
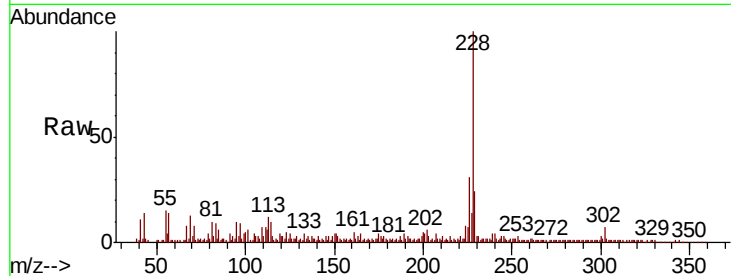
#83
Chrysene
Concen: 4.936 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :
OR-03-071519-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	23.5	16.6	25.0

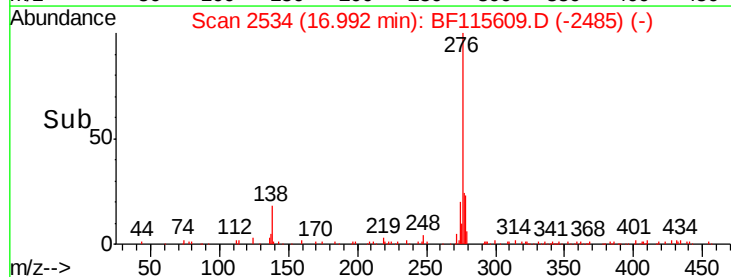
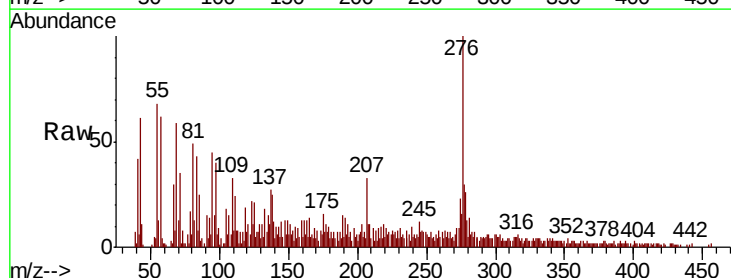
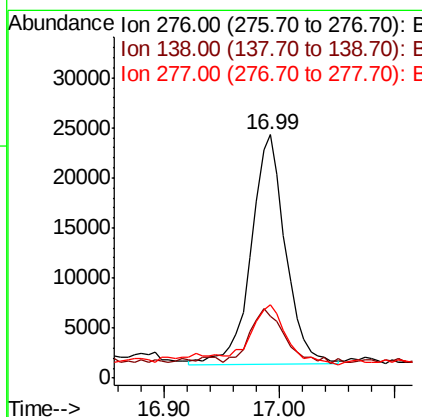
Manual Integrations
APPROVED

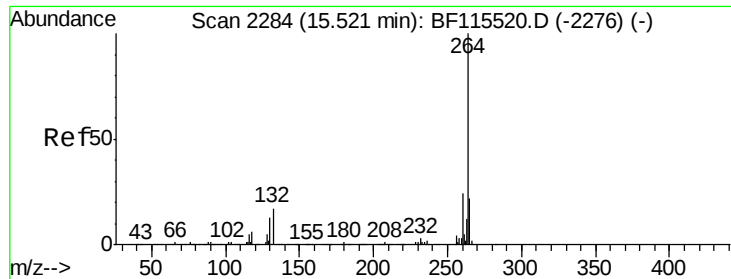
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.098 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.2	30.2
277	26.5	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115609.D

Acq: 16 Jul 2019 20:38

Instrument :

BNA_F

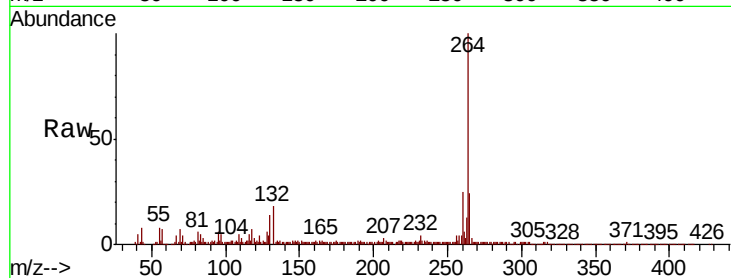
ClientSampleId :

OR-03-071519-B

Tot Ion:	264	Resp:	335628
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.8	29.8
265	23.8	17.7	26.5

Manual Integrations
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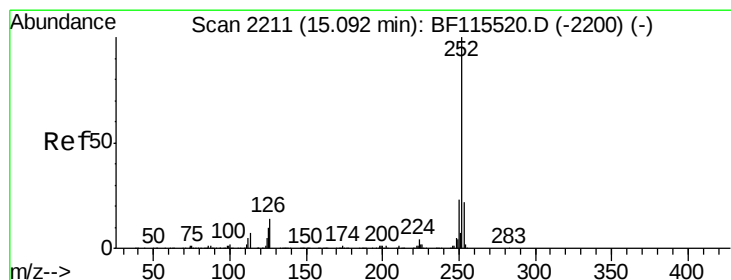
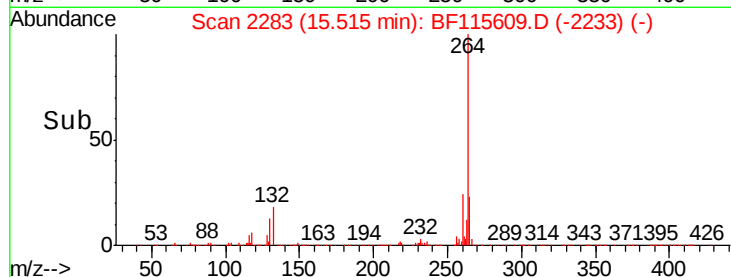
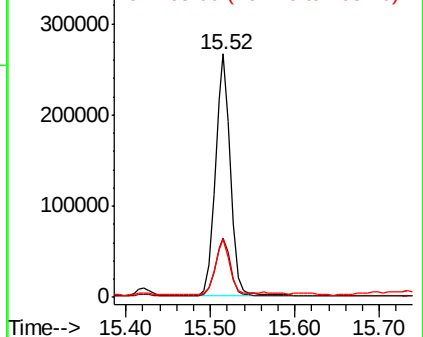


Abundance

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: 5.464 ng m

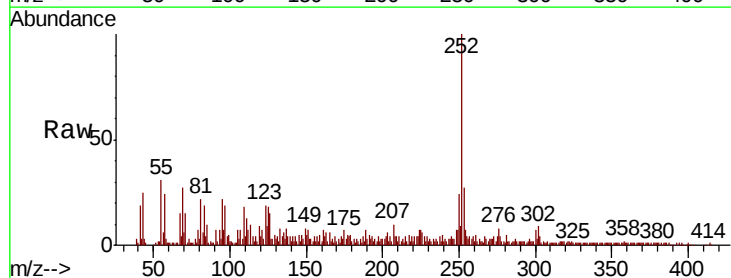
RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115609.D

Acq: 16 Jul 2019 20:38

Tgt Ion:	252	Resp:	118091
Ion Ratio	Lower	Upper	
252	100		
253	26.9	18.1	27.1
125	18.5	9.0	13.4#

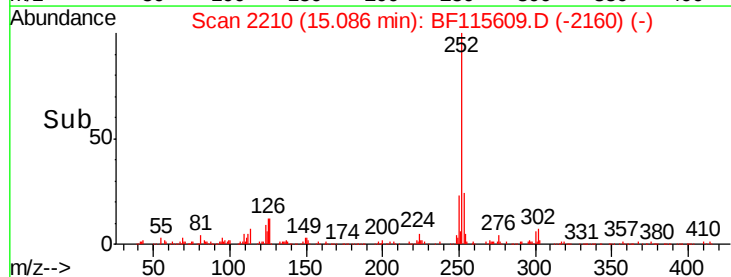
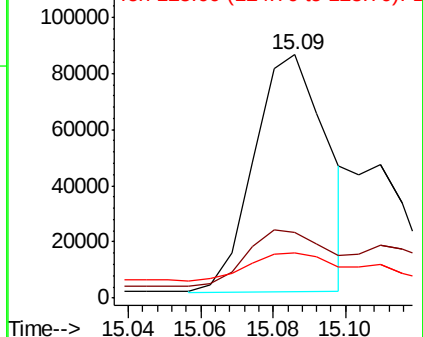


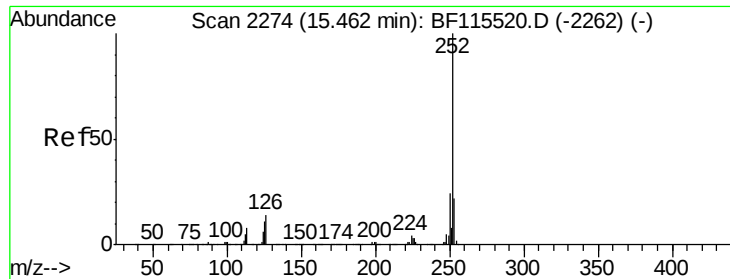
Abundance

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





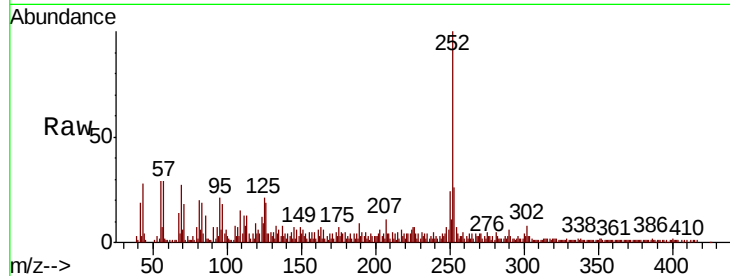
#90
Benzo(a)pyrene
Concen: 4.927 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :
OR-03-071519-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.6
125	20.6	9.1	13.7

Manual Integrations
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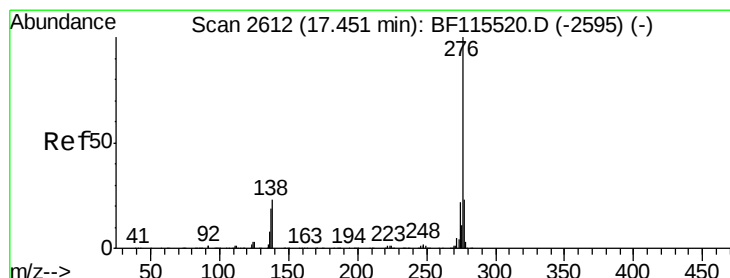
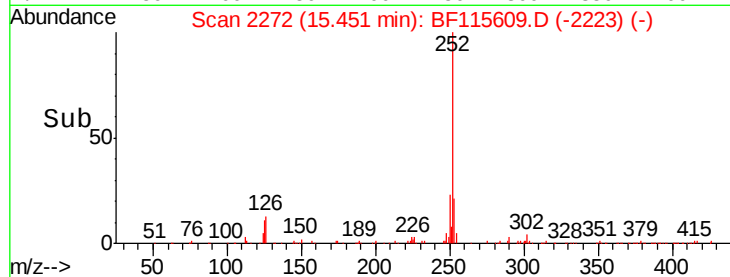
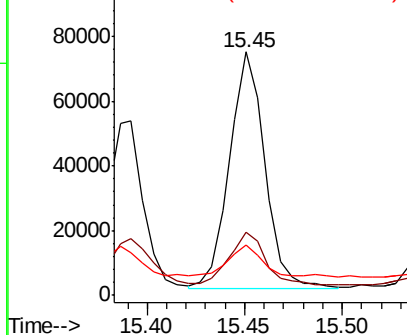


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 3.039 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.6	19.0	28.4
138	28.1	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

