

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115636.D
 Acq On : 17 Jul 2019 21:39
 Operator : HP/JU
 Sample : K3835-31 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Manual Integrations
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Quant Time: Jul 18 06:36:47 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	186969	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	720260	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	285955	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	425578	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	319414	20.00	ng	-0.02
87) Perylene-d12	15.50	264	319271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	439080	38.41	ng	0.00
7) Phenol-d6	6.50	99	586757	40.46	ng	-0.01
23) Nitrobenzene-d5	7.43	82	345499	27.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	104506	31.31	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	661761	40.51	ng	-0.02
79) Terphenyl-d14	12.97	244	441508	25.50	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	202452	9.410	ng	98
71) Phenanthrene	11.42	178	62518	2.866	ng	97
75) Fluoranthene	12.60	202	136913	5.939	ng	96
78) Pyrene	12.83	202	129739	4.794	ng	95
81) Benzo(a)anthracene	14.02	228	82423	3.917	ng	95
83) Chrysene	14.06	228	88272	4.179	ng	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	42913	2.391	ng	95
88) Benzo(b)fluoranthene	15.07	252	128959m	6.273	ng	
90) Benzo(a)pyrene	15.43	252	73194	4.142	ng	96
92) Benzo(g,h,i)perylene	17.40	276	49948	3.229	ng	95

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

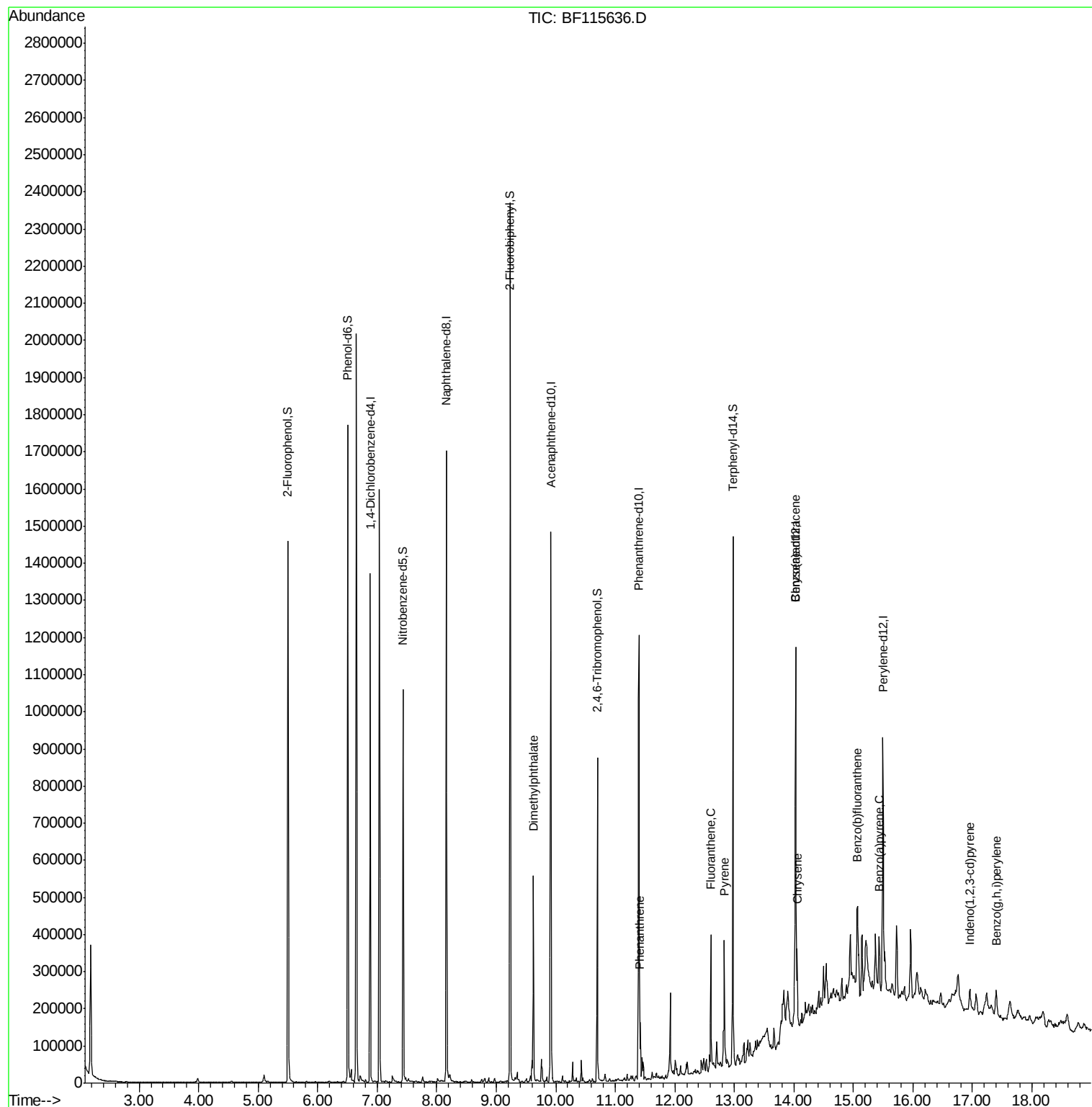
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
Data File : BF115636.D
Acq On : 17 Jul 2019 21:39
Operator : HP/JU
Sample : K3835-31 2X
Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Manual Integrations
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Quant Time: Jul 18 06:36:47 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

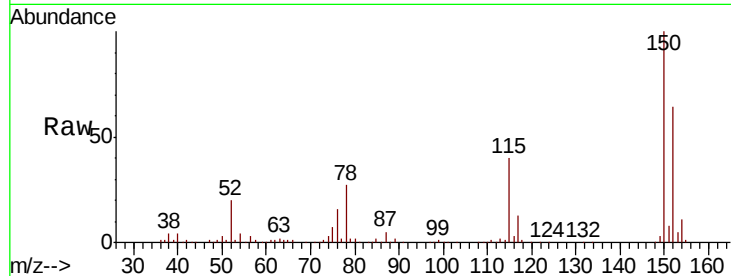
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	129.7	194.5
115	62.9	48.2	72.4

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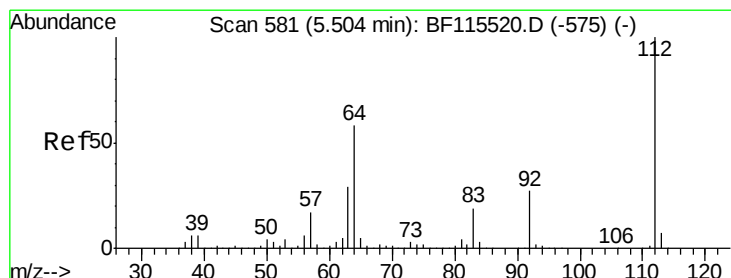
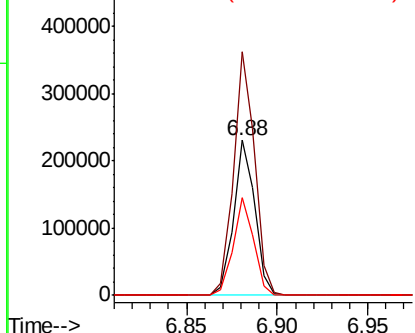
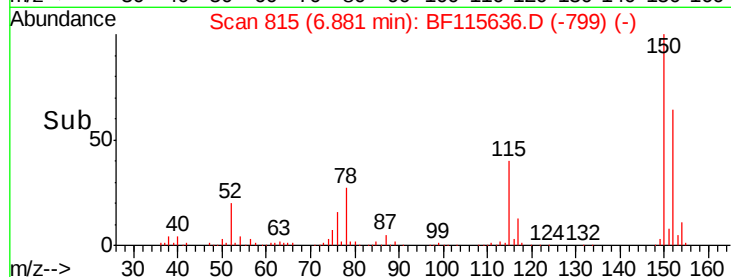


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

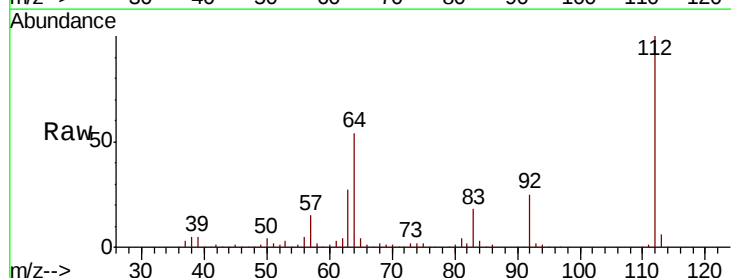
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.413 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.8	70.2
63	27.1	24.1	36.1

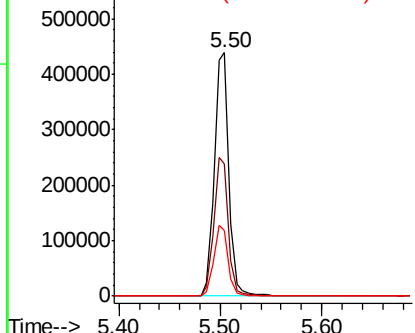
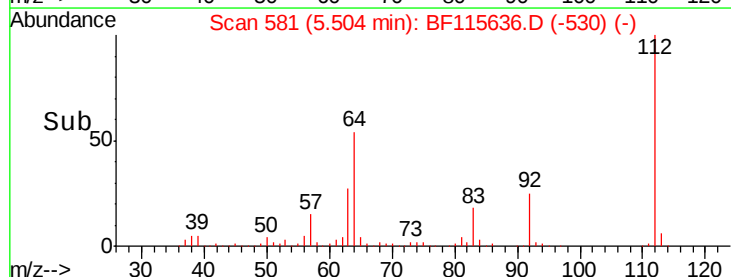


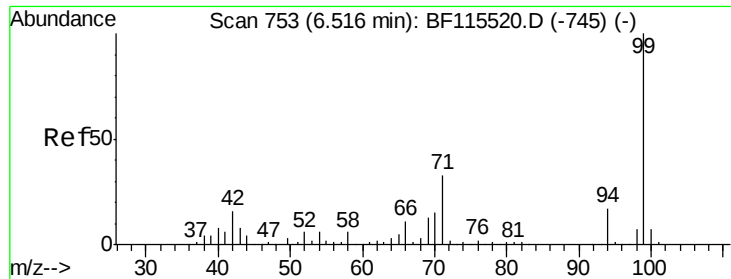
Abundance

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





#7

Phenol-d6

Concen: 40.455 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115636.D

Acq: 17 Jul 2019 21:39

Instrument :

BNA_F

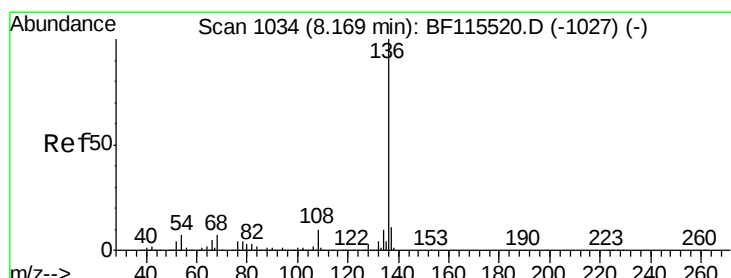
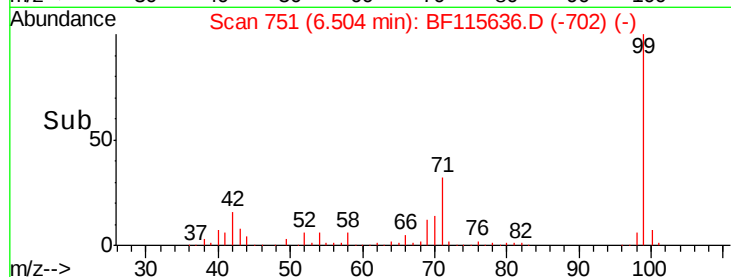
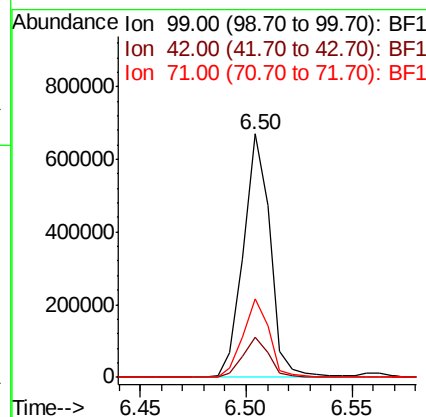
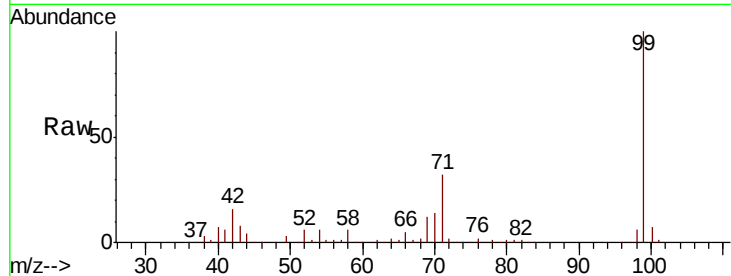
ClientSampleId :

SB-7(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		586757		
42	16.4	13.6	20.4		
71	32.1	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

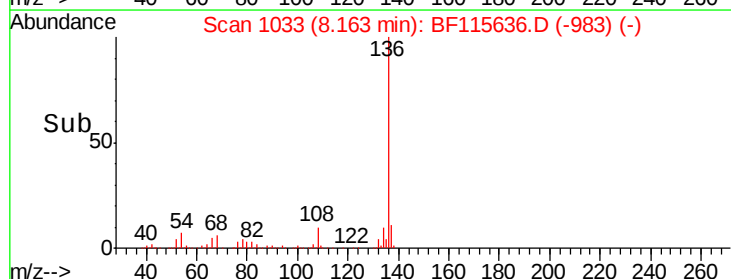
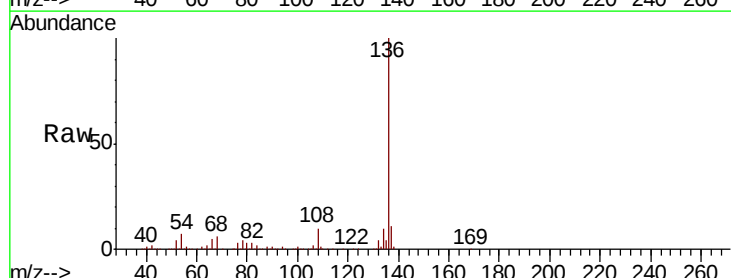
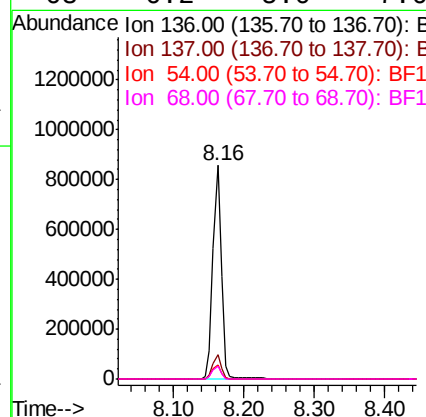
RT: 8.16 min Scan# 1033

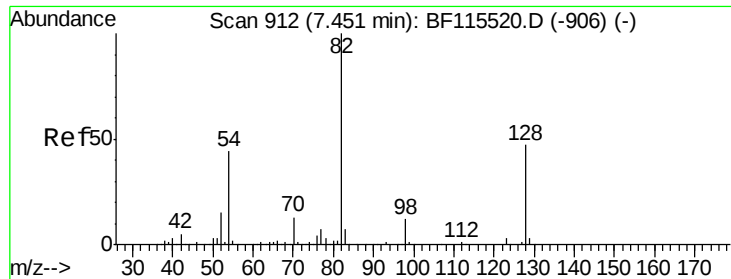
Delta R.T. -0.01 min

Lab File: BF115636.D

Acq: 17 Jul 2019 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		720260		
137	11.4	9.0	13.4		
54	6.9	5.6	8.4		
68	6.2	5.0	7.6		





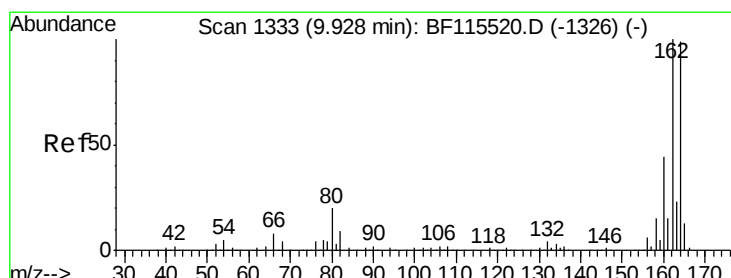
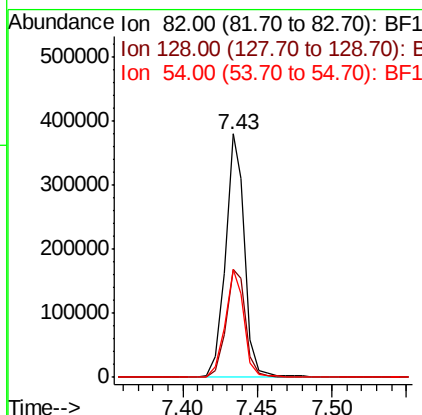
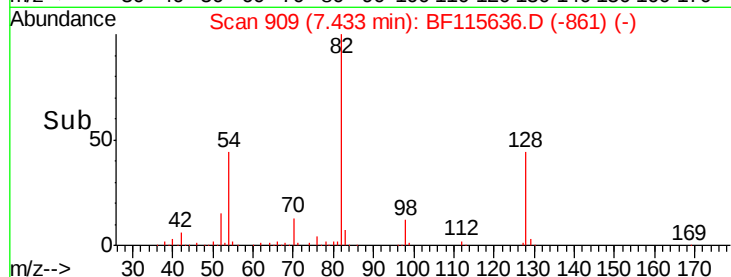
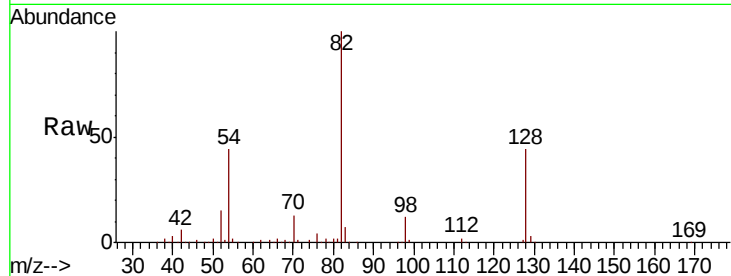
#23
Nitrobenzene-d5
Concen: 27.892 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	38.6	57.8
54	44.1	35.6	53.4

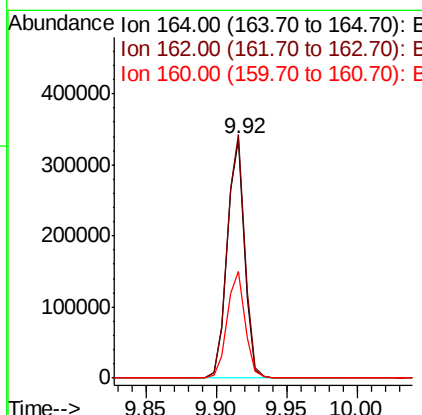
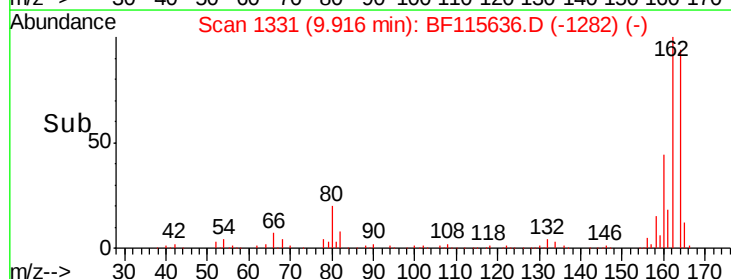
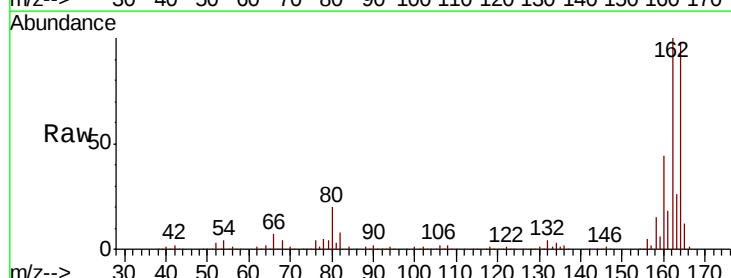
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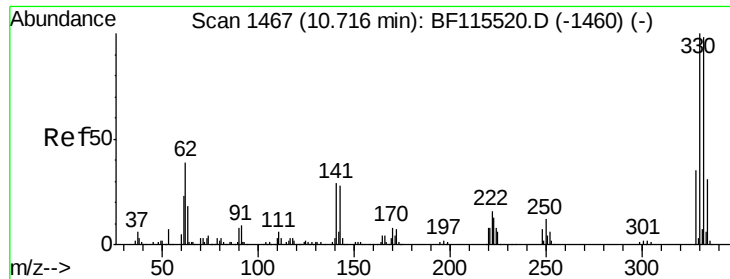
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.9	124.3
160	44.7	36.8	55.2





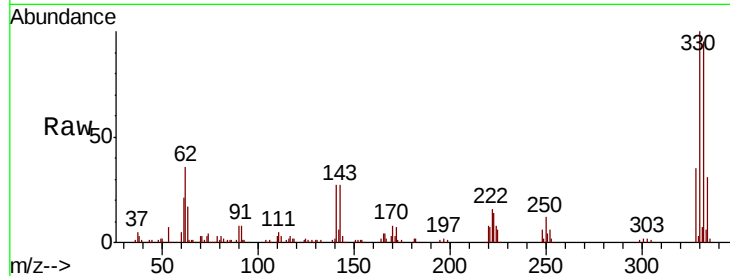
#42
 2,4,6-Tribromophenol
 Concen: 31.310 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115636.D
 Acq: 17 Jul 2019 21:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	104506		
332	96.2		77.4	116.2
141	31.3		22.4	33.6

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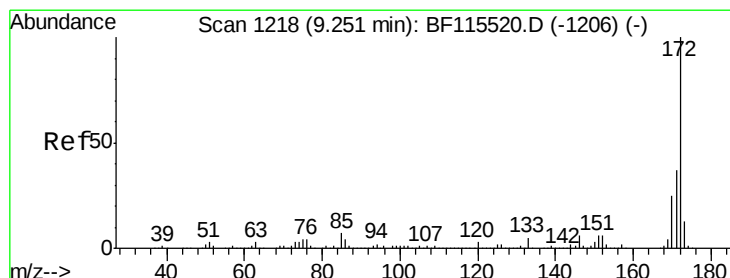
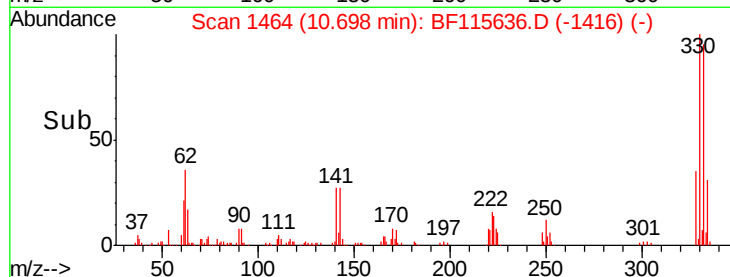
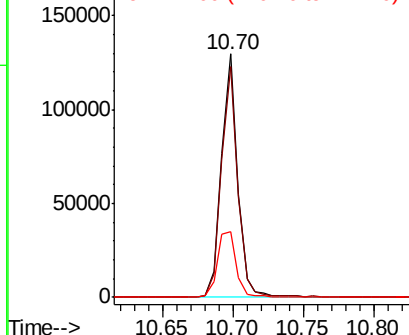


Abundance

Ion 329.80 (329.50 to 330.50): E

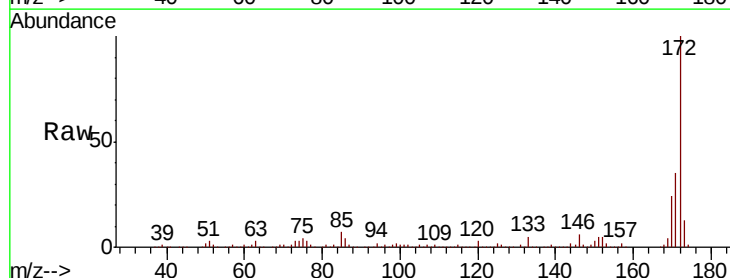
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 40.505 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115636.D
 Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	661761		
171	35.4		30.6	46.0
170	23.8		20.5	30.7

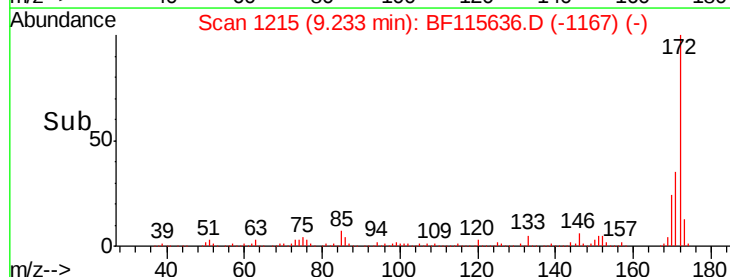
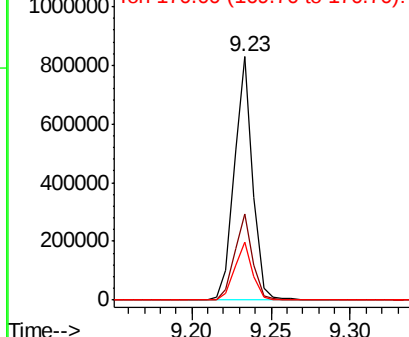


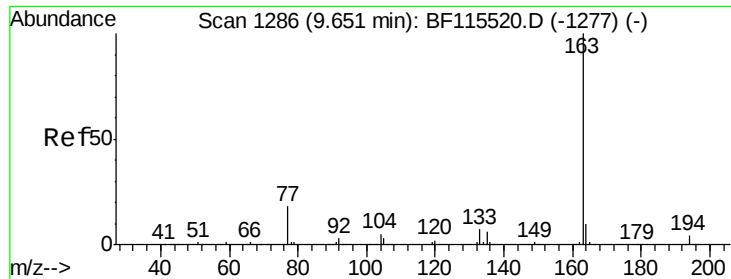
Abundance

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





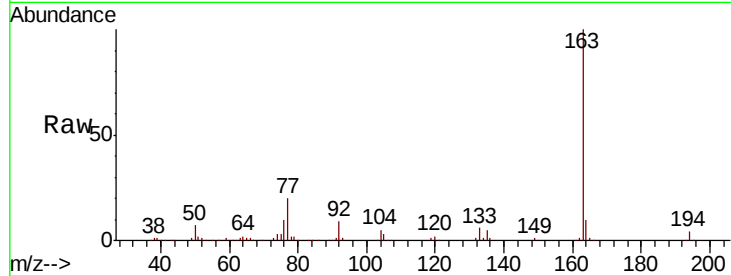
#50
Dimethylphthalate
Concen: 9.410 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

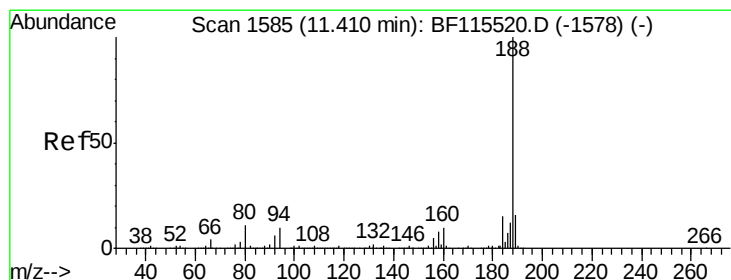
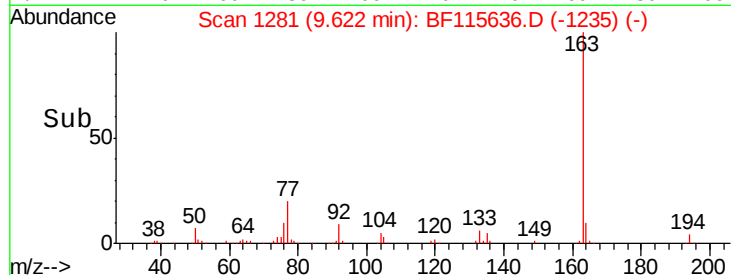
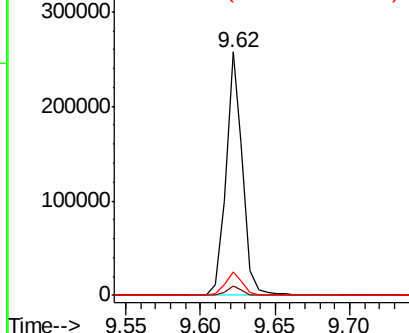
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	3.3	4.9
164	9.8	8.7	13.1

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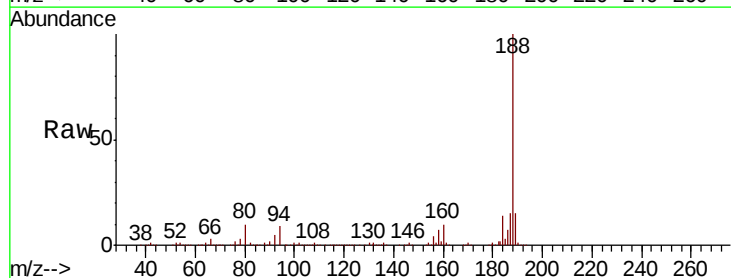


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

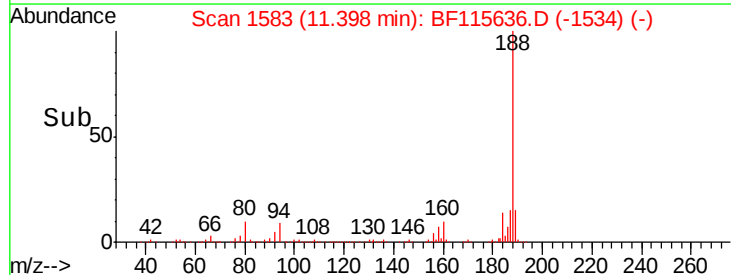
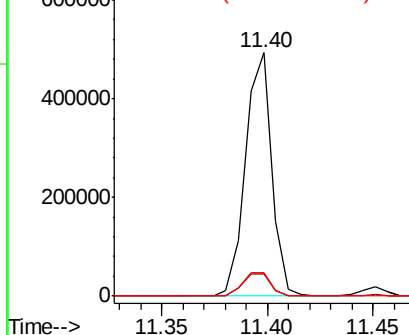


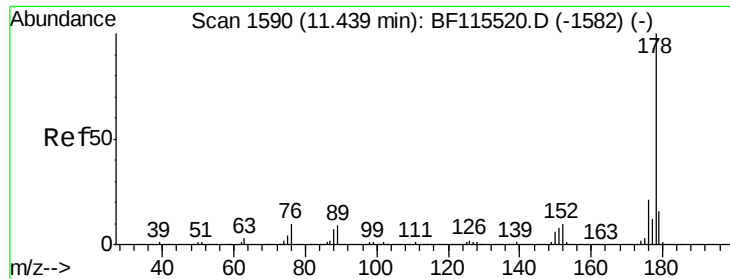
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.5	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





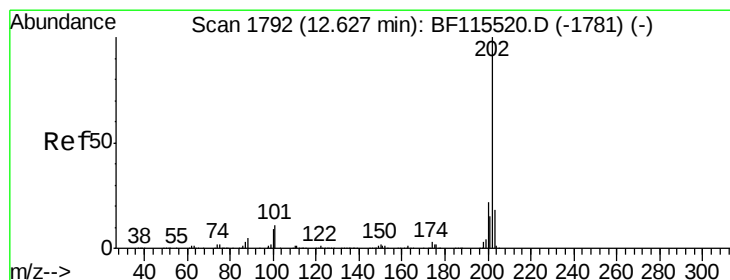
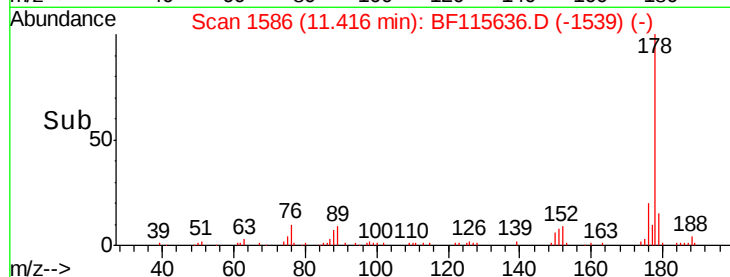
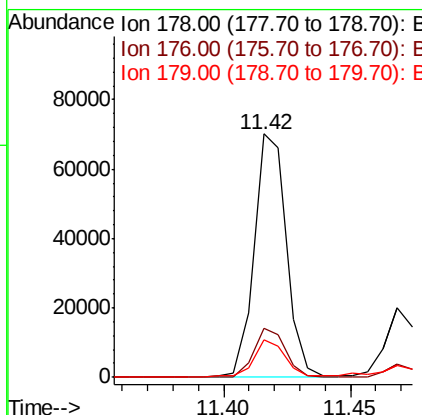
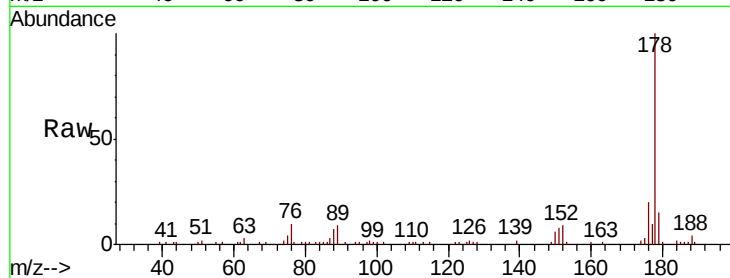
#71
Phenanthrene
Concen: 2.866 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	17.2	25.8
179	15.4	13.5	20.3

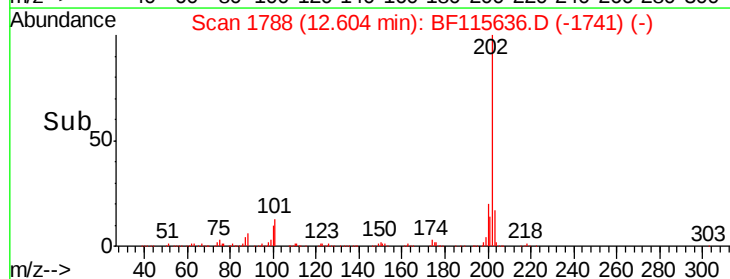
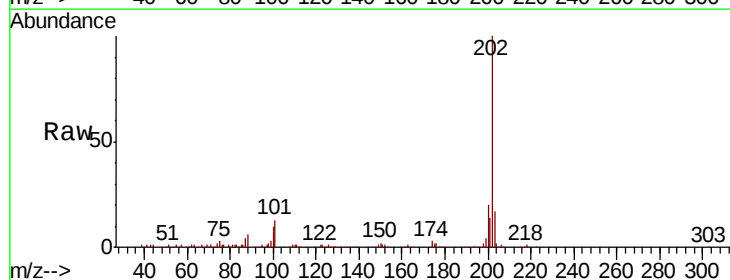
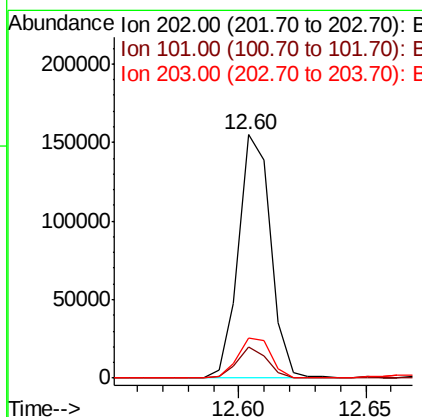
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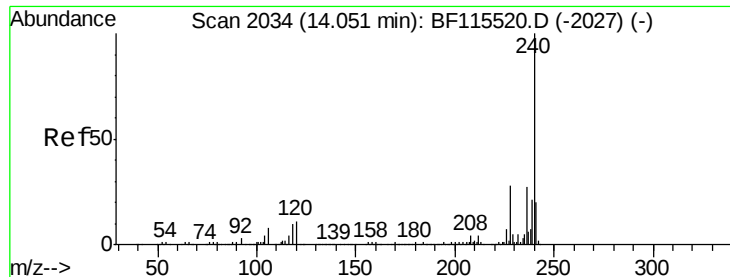
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#75
Fluoranthene
Concen: 5.939 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.4
203	16.5	0.0	38.1





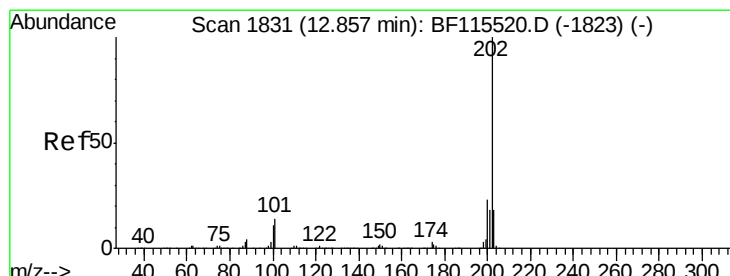
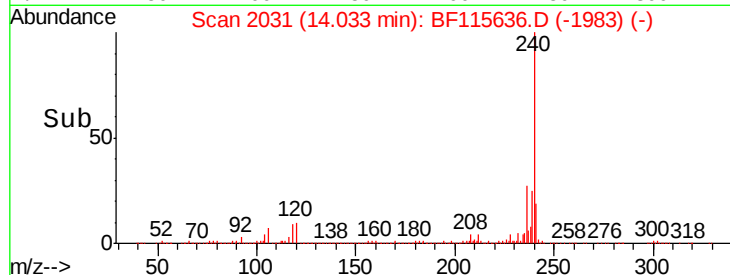
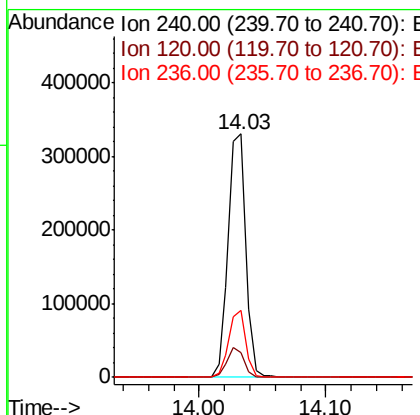
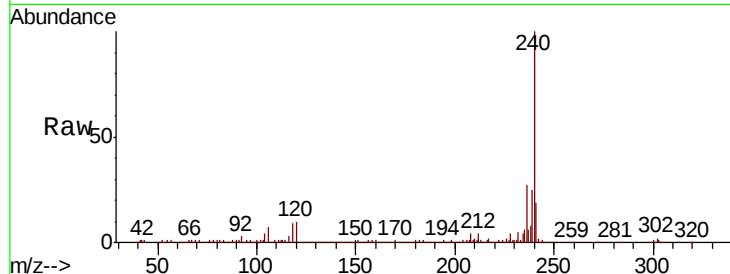
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	13.0
236	27.4	21.3	31.9

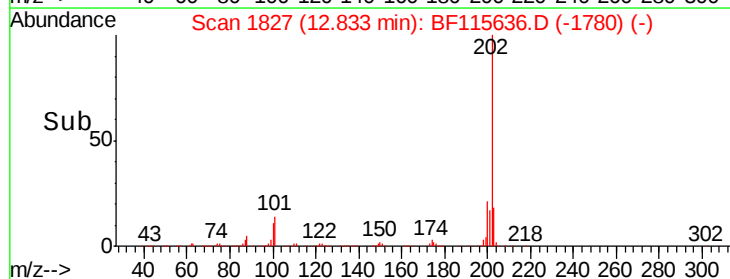
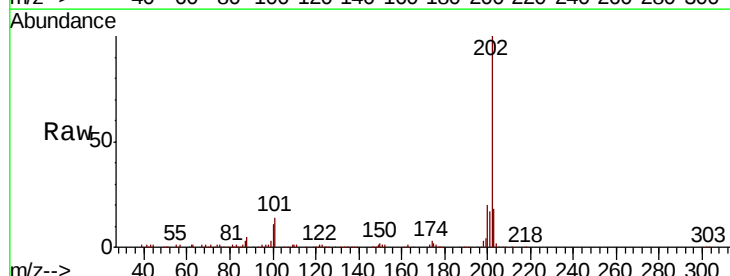
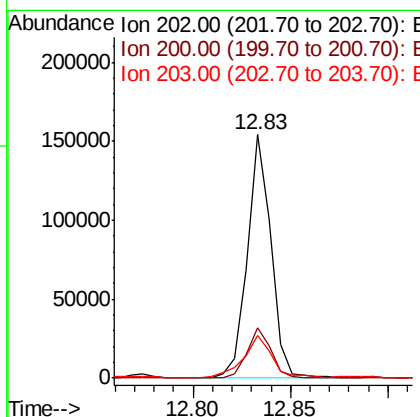
Manual Integrations
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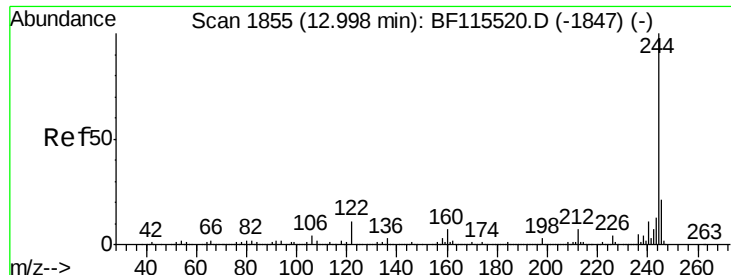
mohammad
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#78
Pyrene
Concen: 4.794 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.7	28.1
203	17.8	15.2	22.8





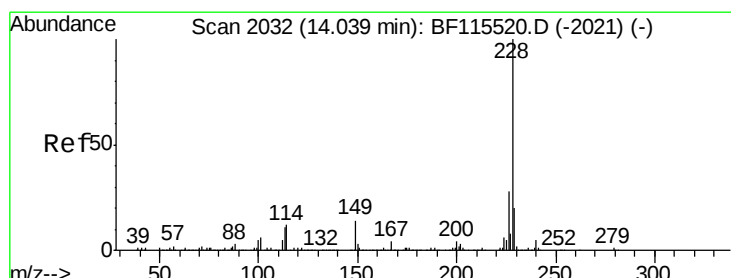
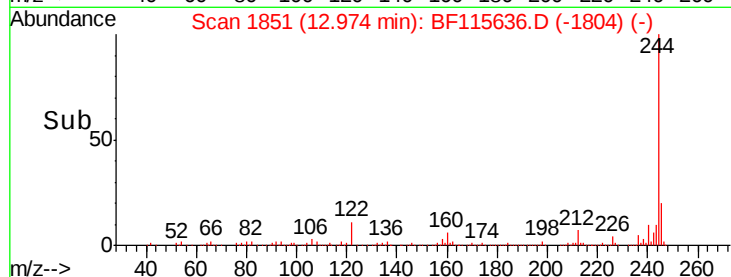
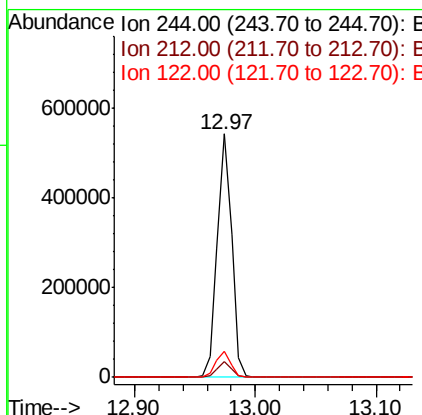
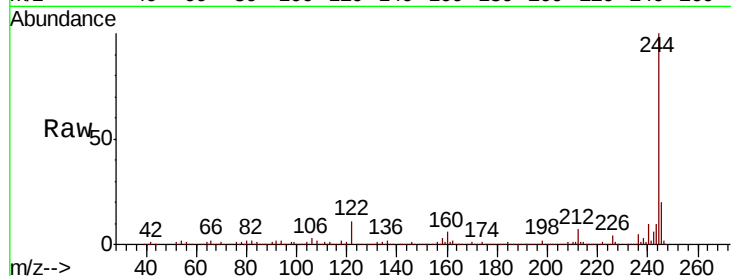
#79
 Terphenyl-d14
 Concen: 25.505 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BF115636.D
 Acq: 17 Jul 2019 21:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.5	6.0	9.0	
122	10.8	8.6	12.8	

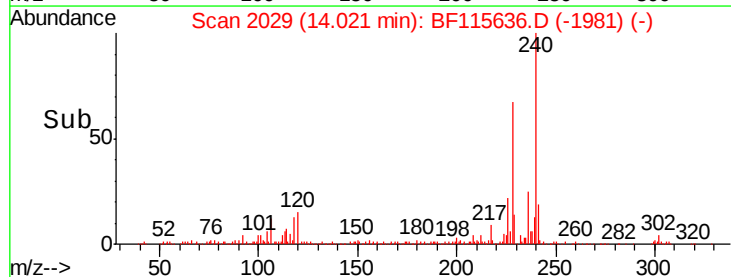
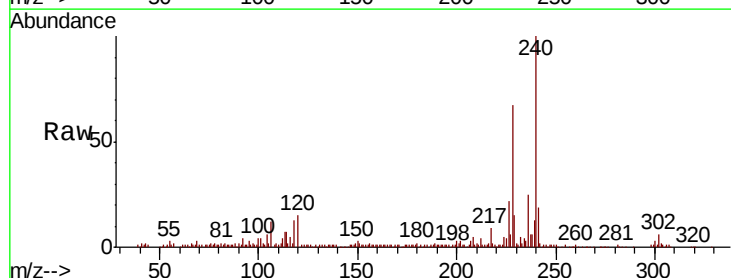
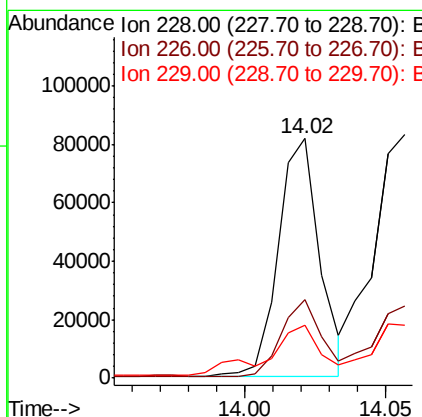
Manual Integrations
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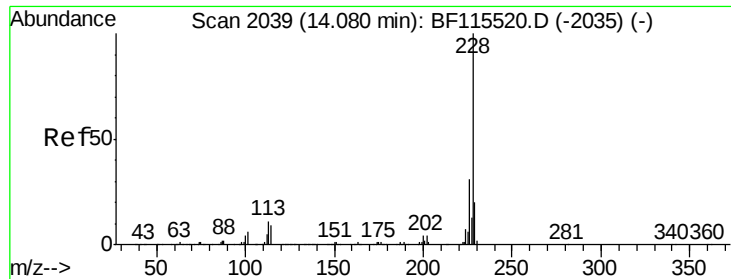
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.917 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF115636.D
 Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	33.0	23.4	35.0	
229	22.0	17.2	25.8	





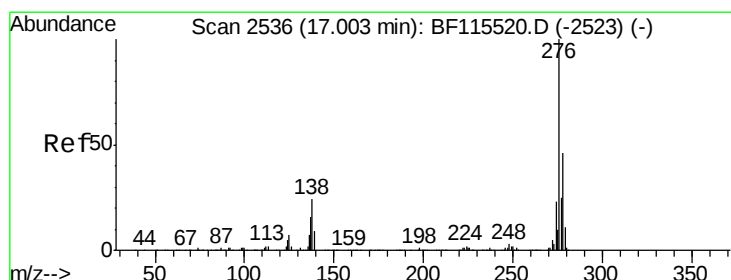
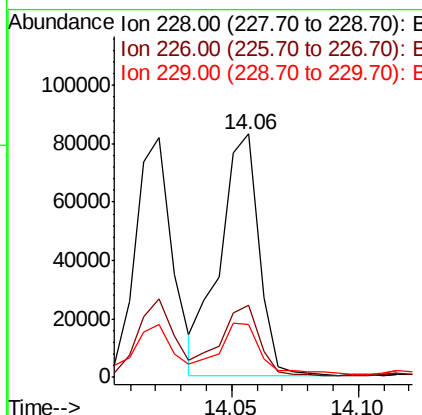
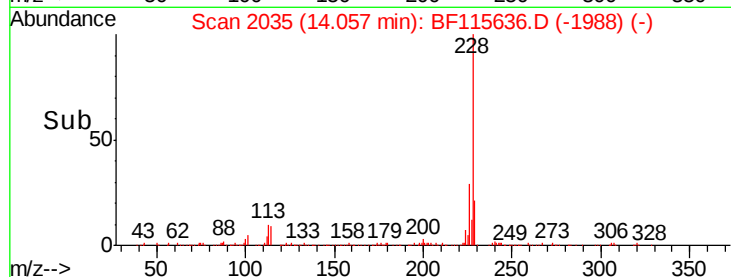
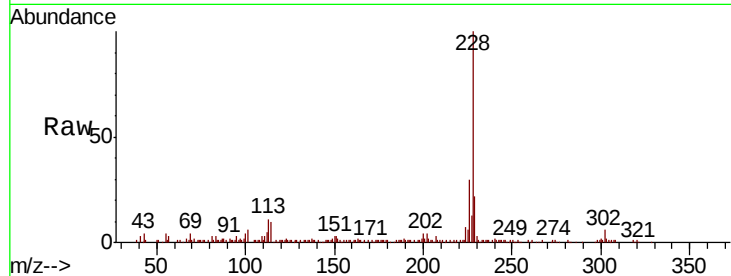
#83
Chrysene
Concen: 4.179 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Instrument :
BNA_F
ClientSampled :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.7	38.5
229	21.8	16.6	25.0

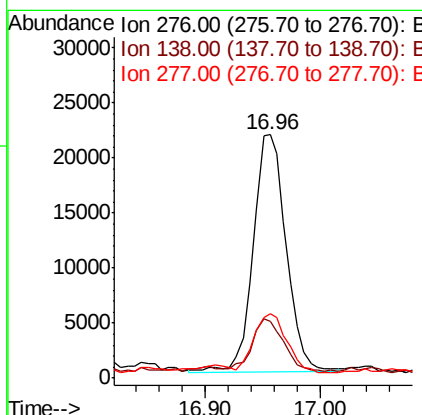
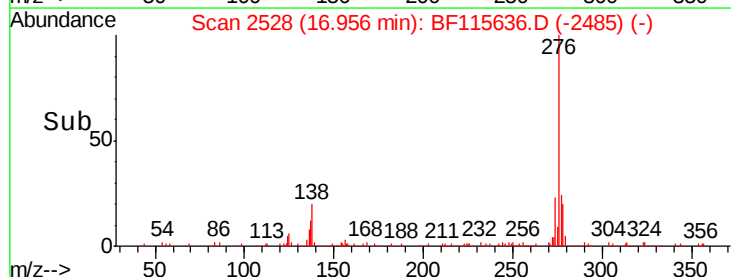
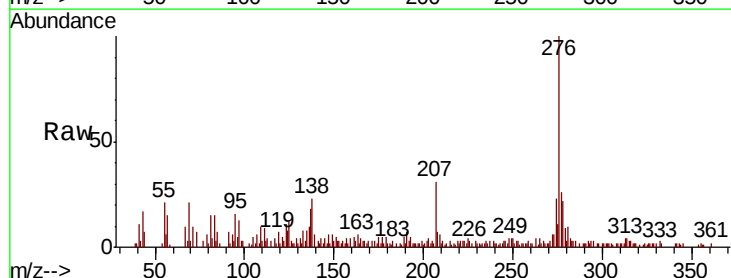
Manual Integrations
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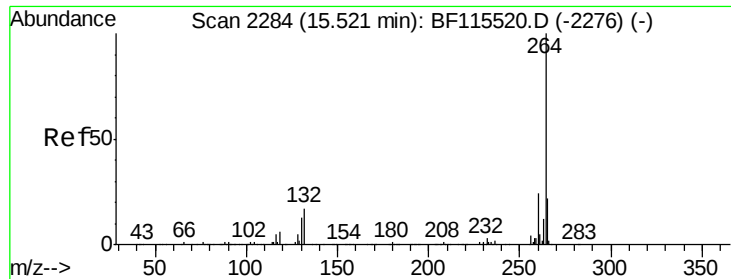
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.391 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.05 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.2	30.2
277	25.1	20.4	30.6





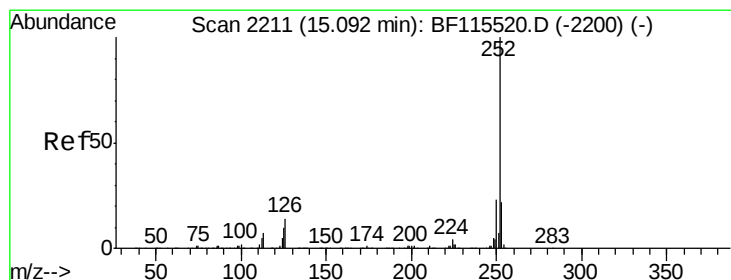
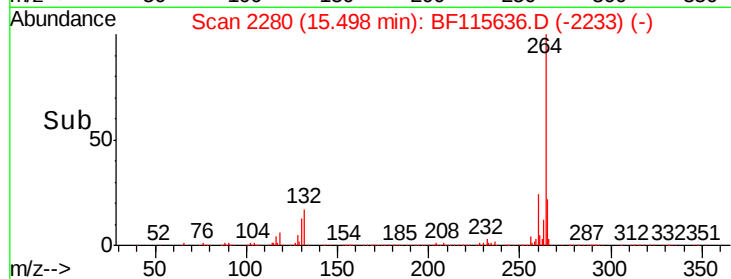
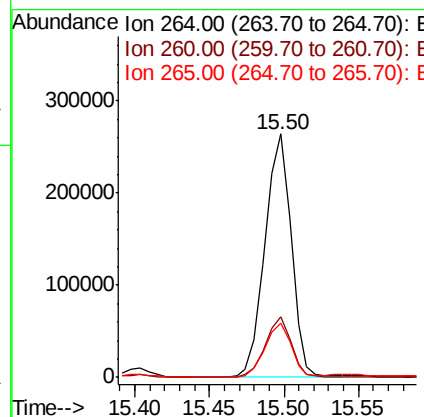
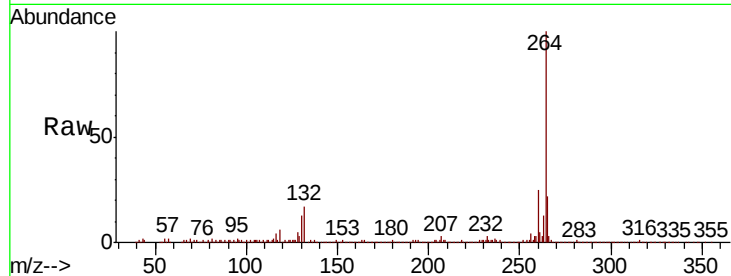
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	22.4	17.7	26.5

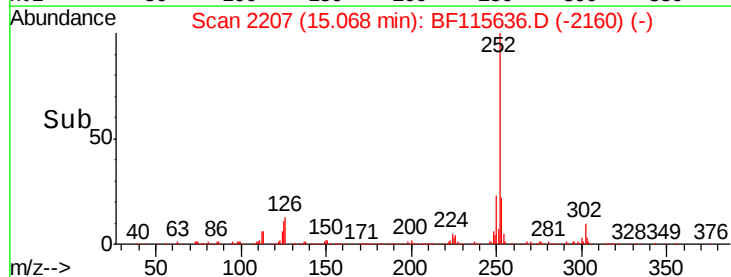
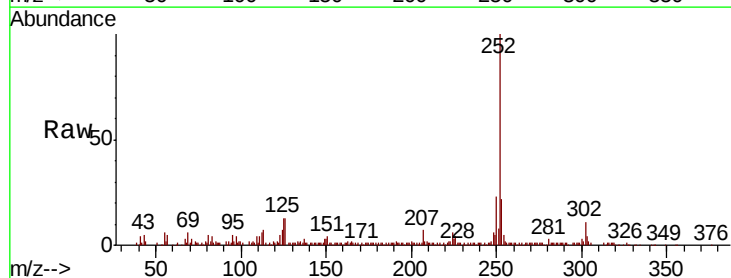
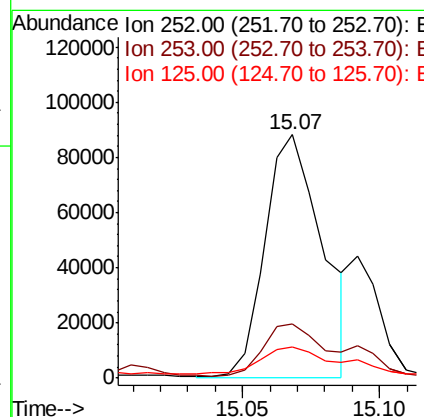
Manual Integrations
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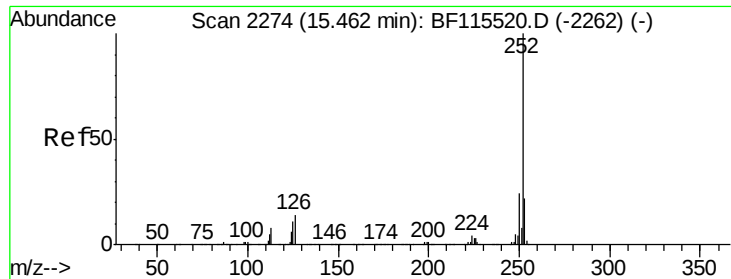
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#88
Benzo(b)fluoranthene
Concen: 6.273 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.6	9.0	13.4





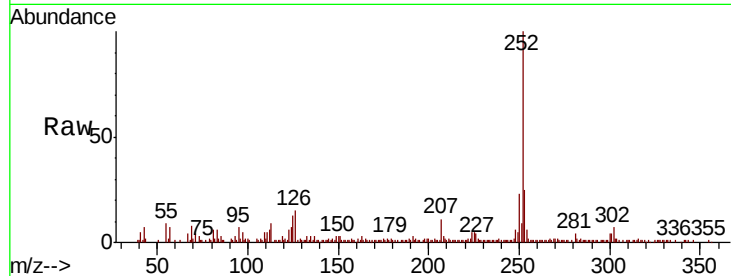
#90
Benzo(a)pyrene
Concen: 4.142 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.03 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Instrument :
BNA_F
ClientSampleId :
SB-7(0-2)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	12.5	9.1	13.7

Manual Integrations
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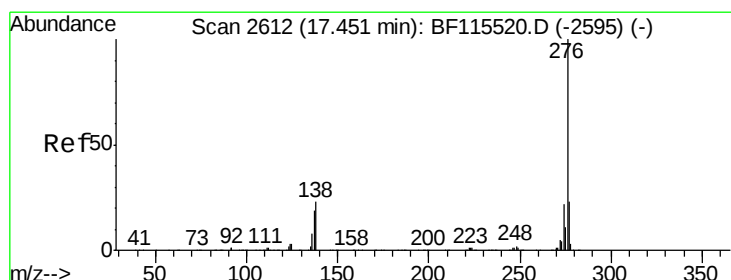
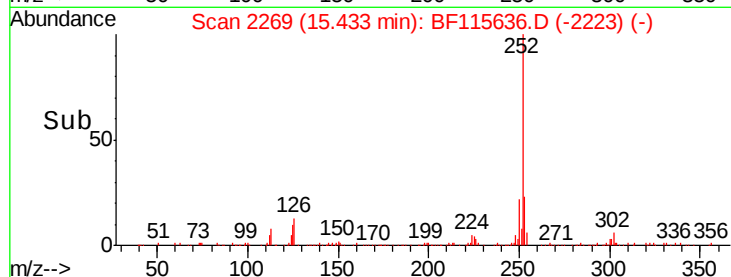
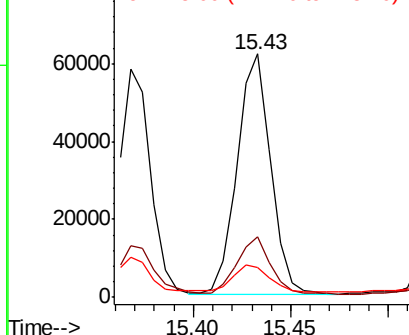


Abundance

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: 3.229 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.05 min
Lab File: BF115636.D
Acq: 17 Jul 2019 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.0	28.4
138	23.2	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

