

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115304.D
 Acq On : 29 Jun 2019 1:28
 Operator : HP/JU
 Sample : K3163-13 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062719-A

Manual Integrations
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Quant Time: Jun 29 07:01:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	333133	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1269786	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	616218	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	1187527	20.00	ng	0.00
76) Chrysene-d12	13.72	240	856373	20.00	ng	0.00
87) Perylene-d12	15.08	264	694678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	728227	33.73	ng	0.00
7) Phenol-d6	6.24	99	935719	35.71	ng	0.00
23) Nitrobenzene-d5	7.15	82	533950	25.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	255987	39.39	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1077474	29.70	ng	0.00
79) Terphenyl-d14	12.68	244	1155312	28.68	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.35	163	152302	3.359	ng	98
71) Phenanthrene	11.12	178	225138	3.521	ng	96
75) Fluoranthene	12.30	202	624785	9.794	ng	99
78) Pyrene	12.53	202	583838	8.871	ng	99
81) Benzo(a)anthracene	13.71	228	333337m	5.425	ng	
83) Chrysene	13.74	228	292229	5.192	ng	97
88) Benzo(b)fluoranthene	14.71	252	328761m	7.585	ng	
89) Benzo(k)fluoranthene	14.73	252	112523m	2.895	ng	
90) Benzo(a)pyrene	15.02	252	200764	5.139	ng	# 92
92) Benzo(g,h,i)perylene	16.72	276	96216	2.606	ng	# 92

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

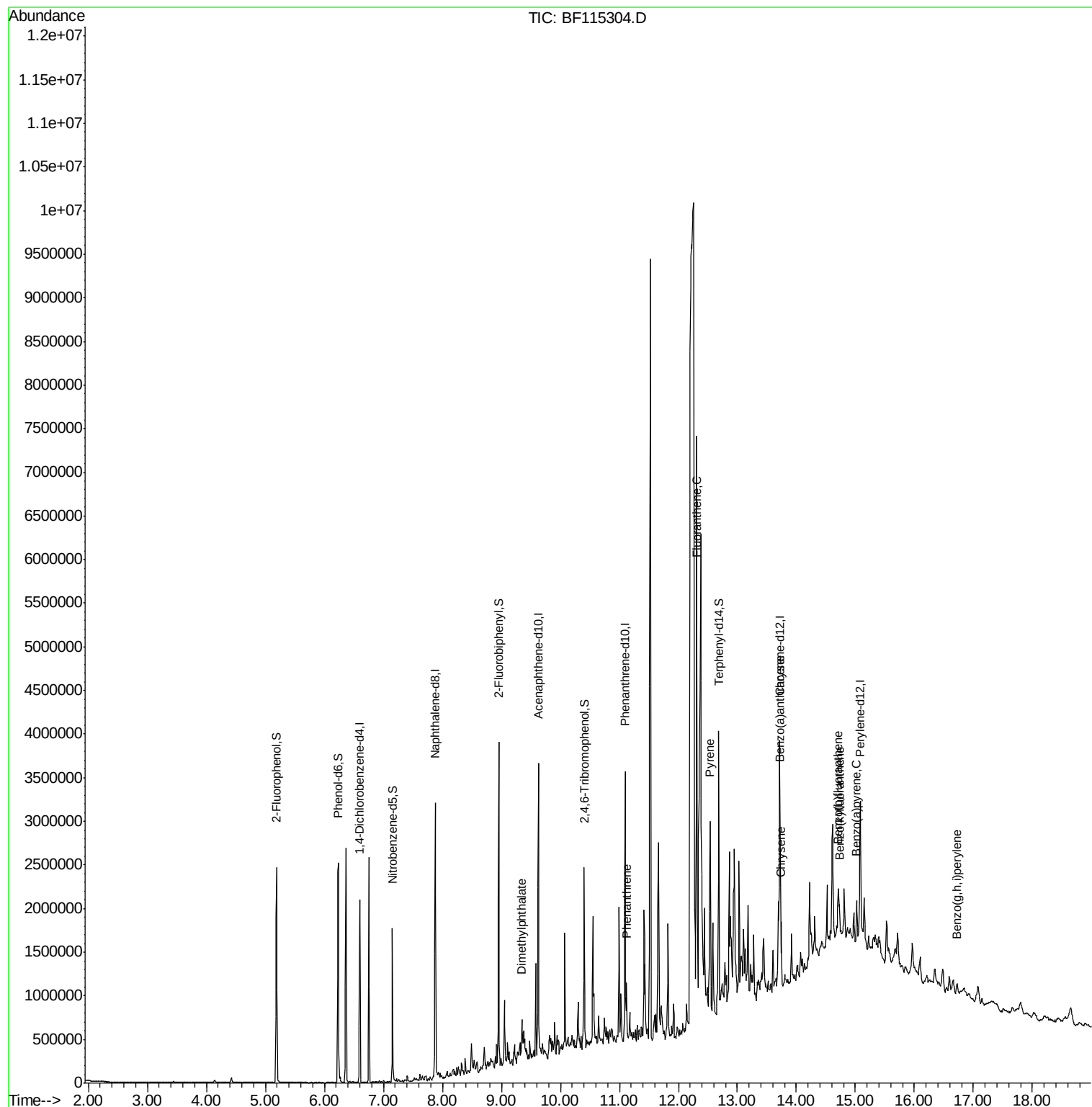
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115304.D
Acq On : 29 Jun 2019 1:28
Operator : HP/JU
Sample : K3163-13 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

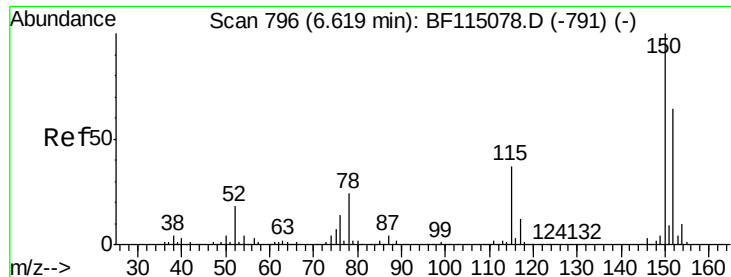
Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

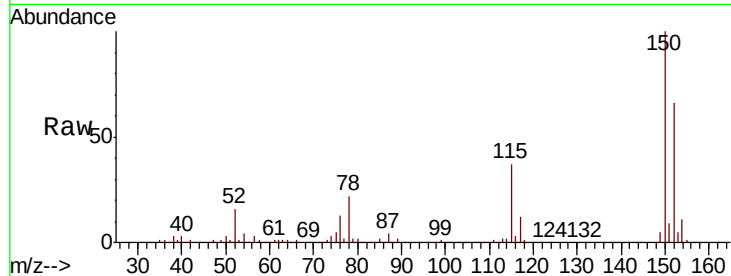
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tot Ion	Ratio	Resp	Lower	Upper
152	100	333133		
150	151.8	124.2	186.2	
115	56.3	46.1	69.1	

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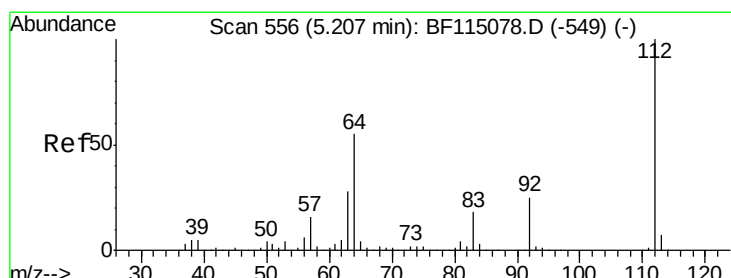
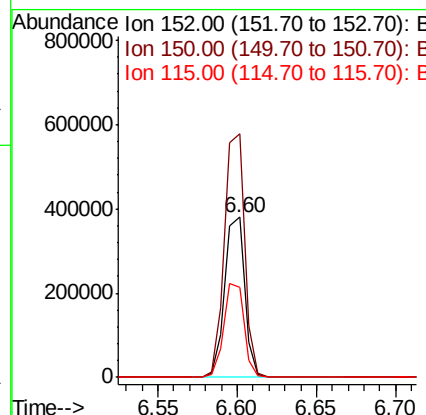
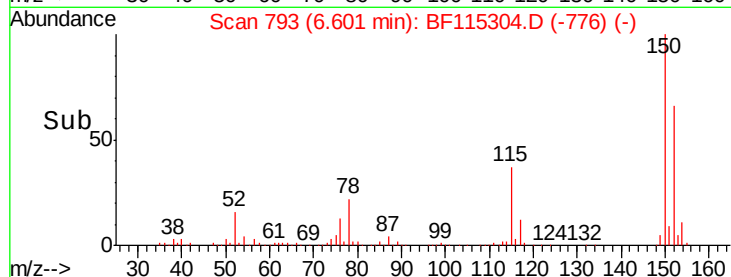


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

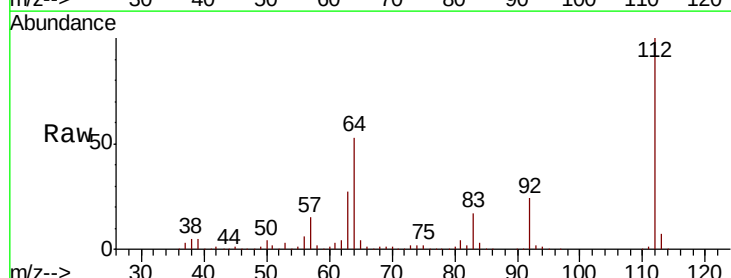
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.734 ng
RT: 5.19 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	728227		
64	53.1	43.8	65.6	
63	27.2	22.2	33.4	

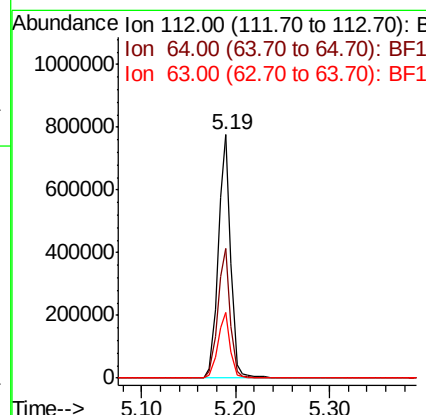
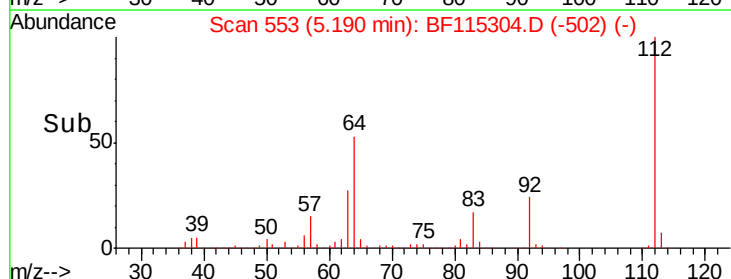


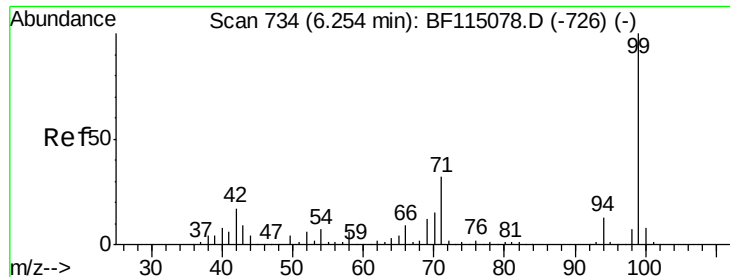
Abundance

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: 35.712 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115304.D

Acq: 29 Jun 2019 1:28

Instrument :

BNA_F

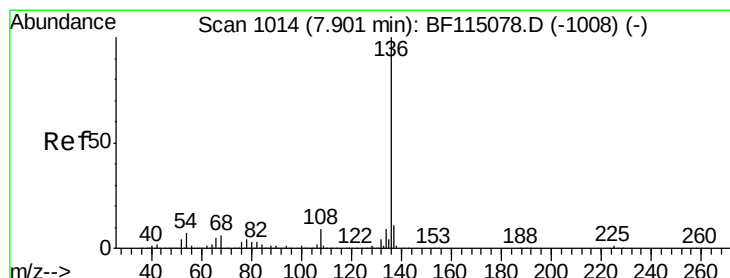
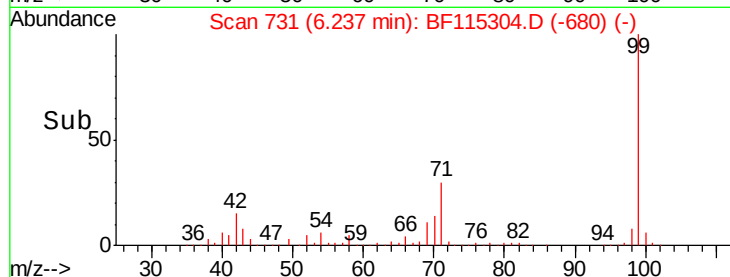
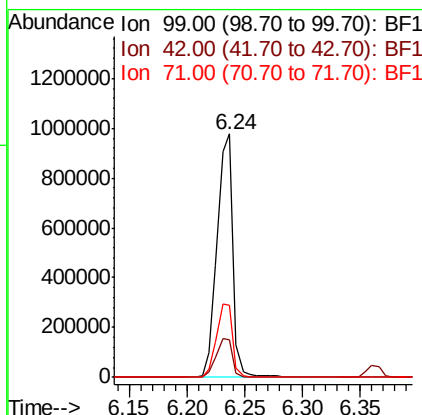
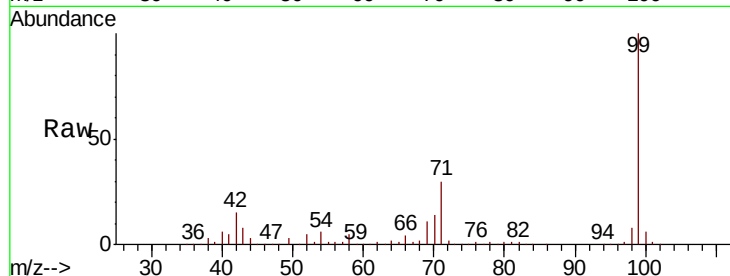
ClientSampleId :

SU-01-062719-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		935719		
42	15.3	13.6	20.4		
71	29.9	25.5	38.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

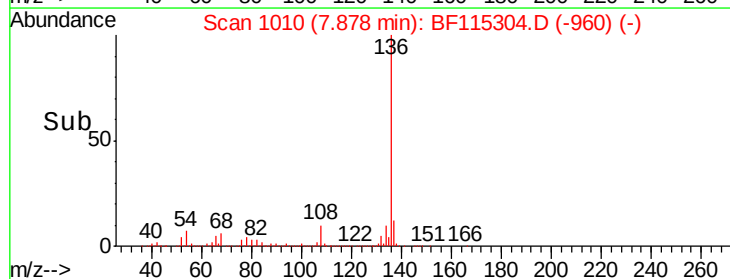
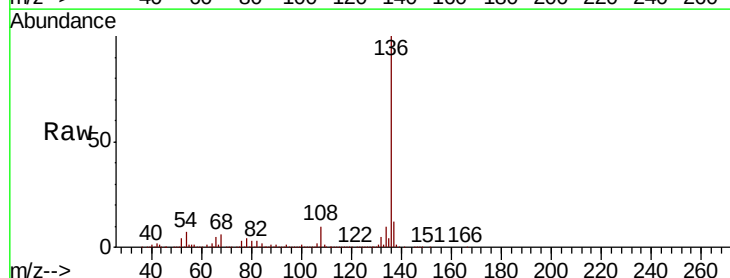
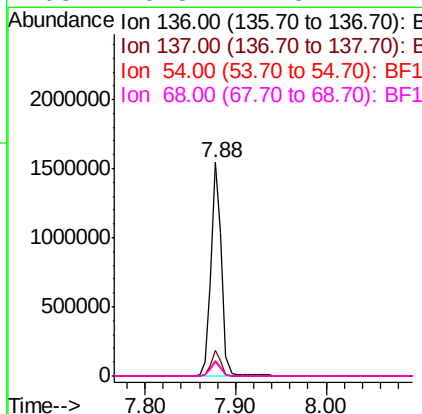
RT: 7.88 min Scan# 1010

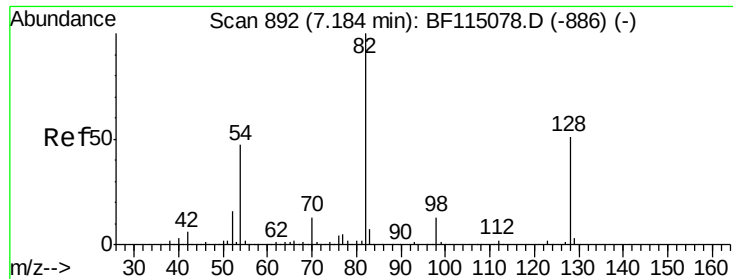
Delta R.T. -0.01 min

Lab File: BF115304.D

Acq: 29 Jun 2019 1:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1269786		
137	11.7	8.9	13.3		
54	7.3	5.6	8.4		
68	6.3	4.8	7.2		





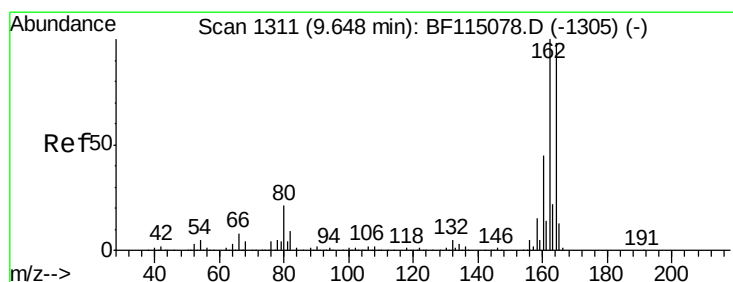
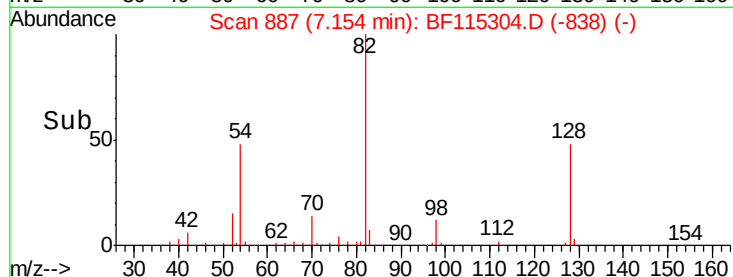
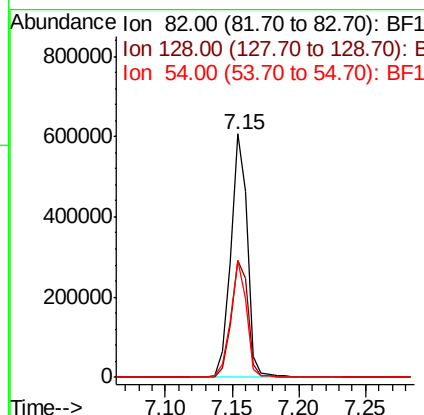
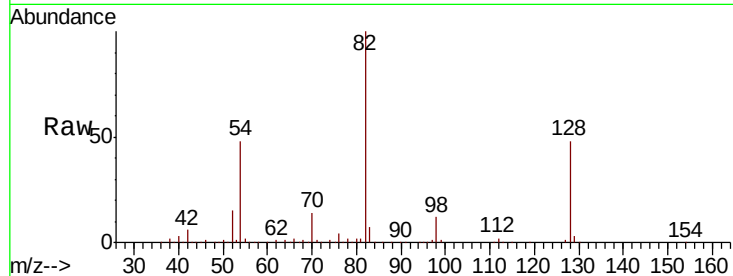
#23
 Nitrobenzene-d5
 Concen: 25.867 ng
 RT: 7.15 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF115304.D
 Acq: 29 Jun 2019 1:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062719-A

Tot Ion	82	Resp	533950
Ion Ratio	Lower	Upper	
82	100		
128	47.8	40.4	60.6
54	47.9	37.5	56.3

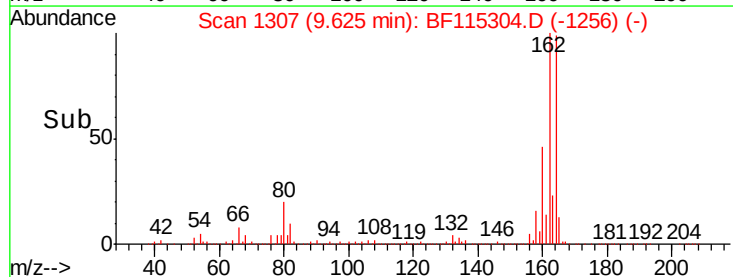
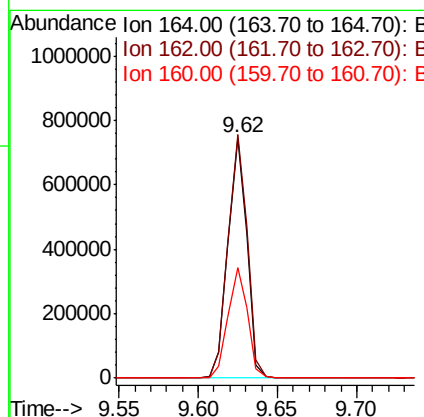
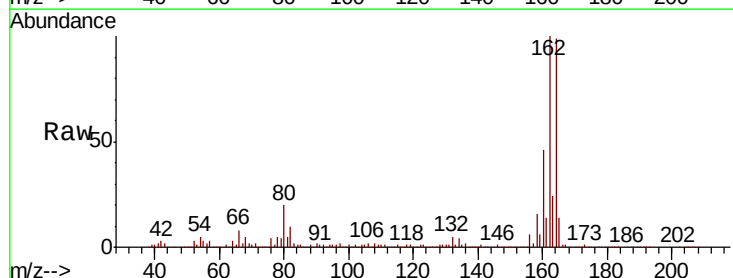
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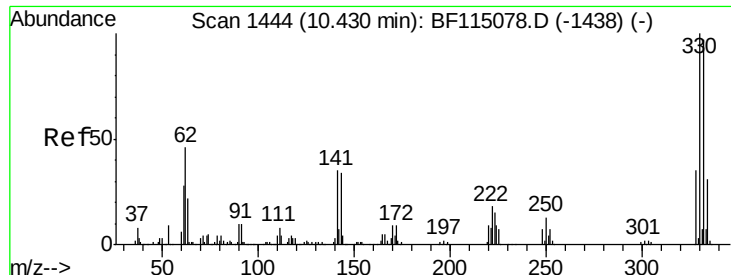
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF115304.D
 Acq: 29 Jun 2019 1:28

Tgt Ion	164	Resp	616218
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.7	122.5
160	46.2	37.0	55.4





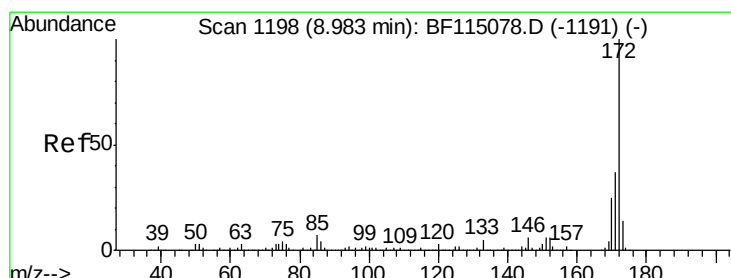
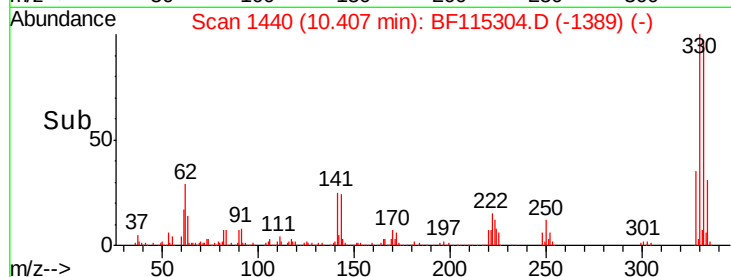
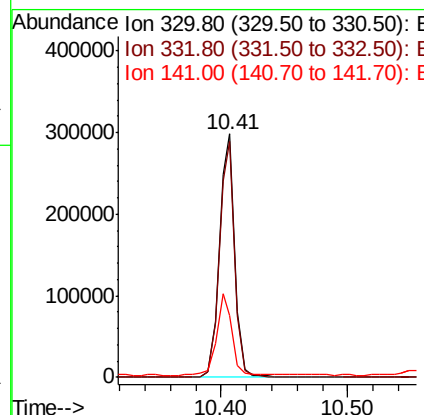
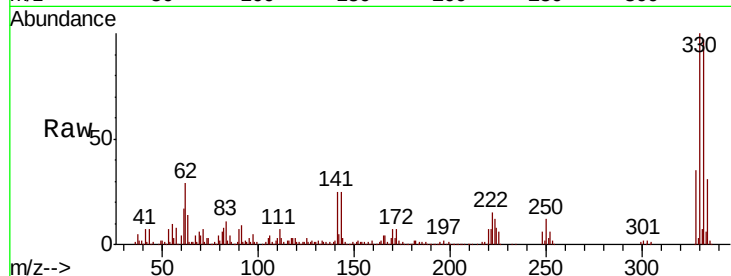
#42
 2,4,6-Tribromophenol
 Concen: 39.393 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115304.D
 Acq: 29 Jun 2019 1:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062719-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	255987		
332	96.5	77.3	115.9	
141	33.1	28.2	42.2	

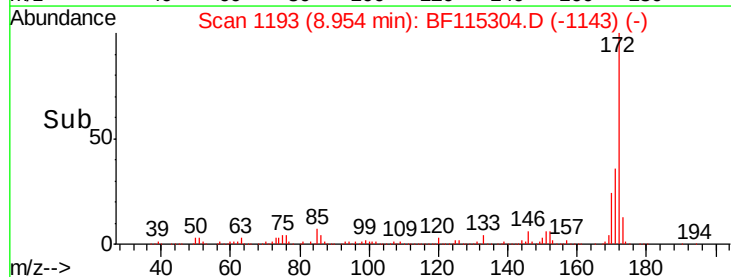
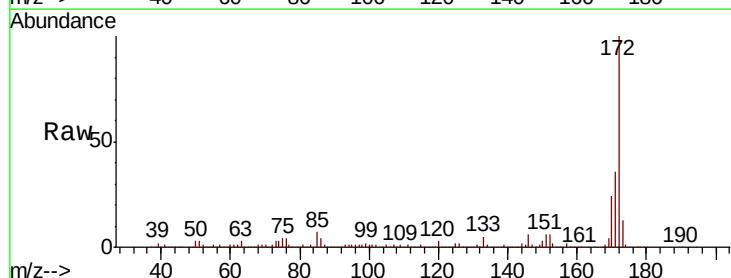
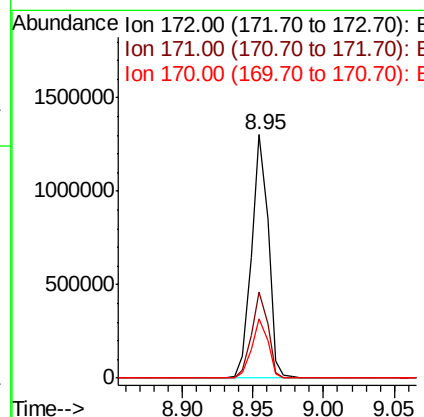
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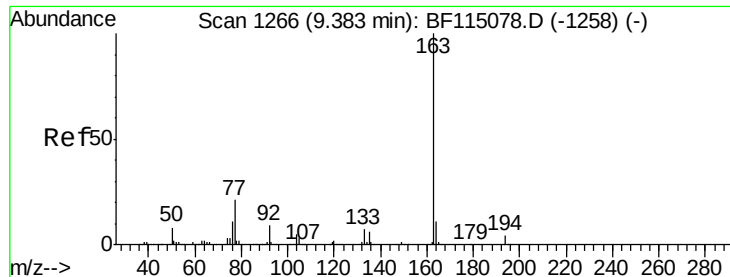
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#45
 2-Fluorobiphenyl
 Concen: 29.701 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115304.D
 Acq: 29 Jun 2019 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1077474		
171	35.5	29.8	44.6	
170	24.1	20.3	30.5	





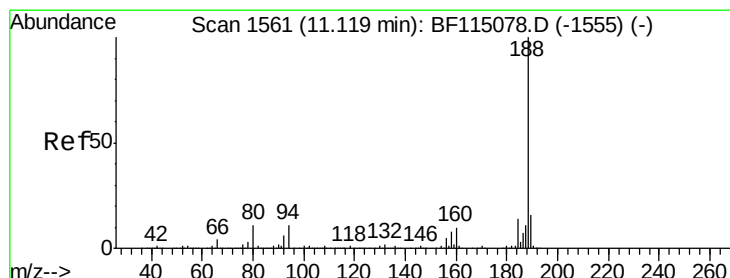
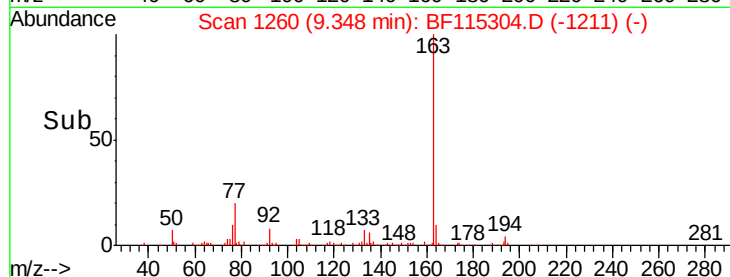
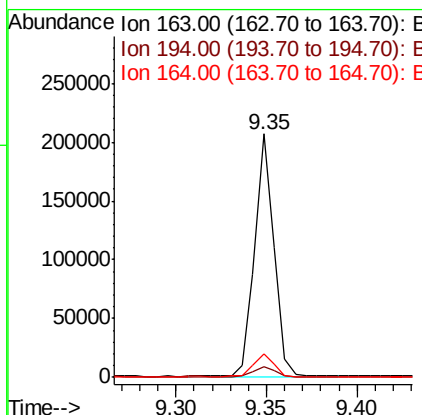
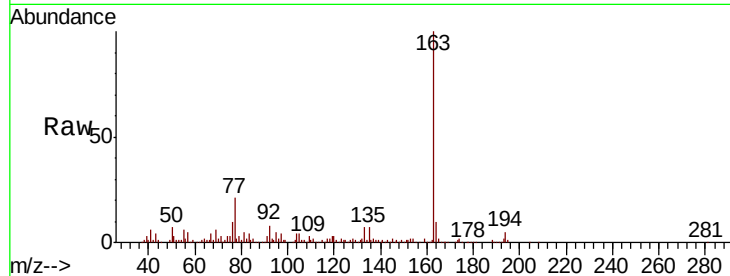
#50
Dimethylphthalate
Concen: 3.359 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	152302		
194	4.6	3.2	4.8	
164	9.9	8.6	13.0	

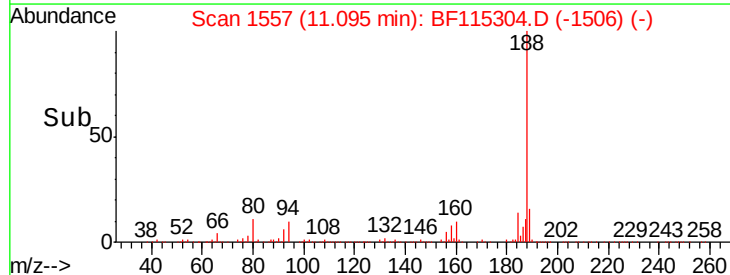
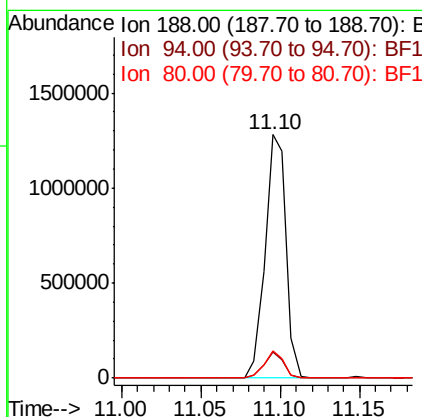
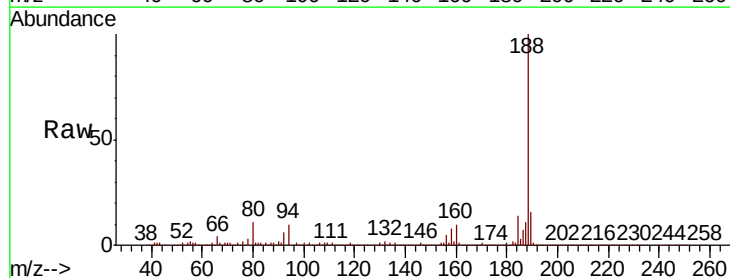
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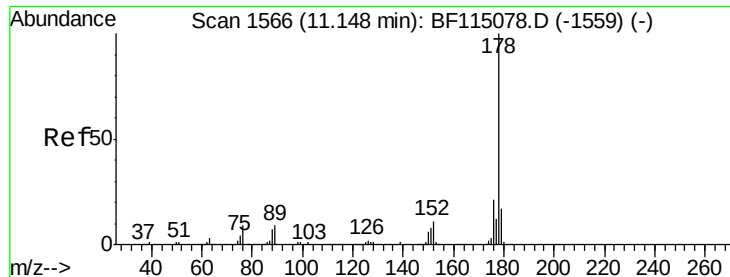
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1187527		
94	10.5	8.6	12.8	
80	11.1	8.8	13.2	





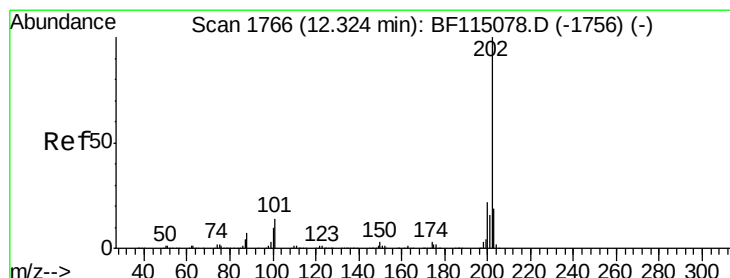
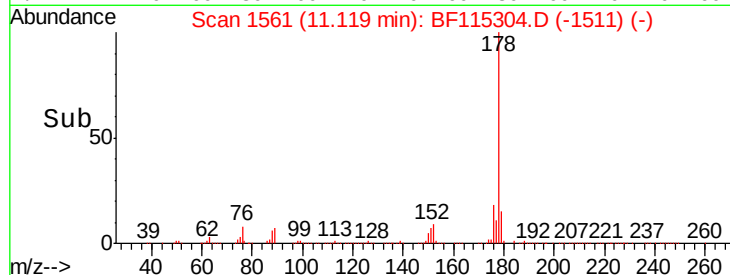
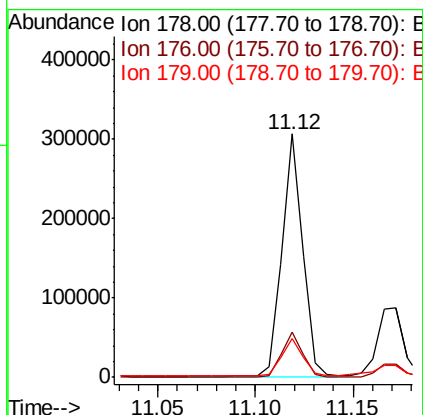
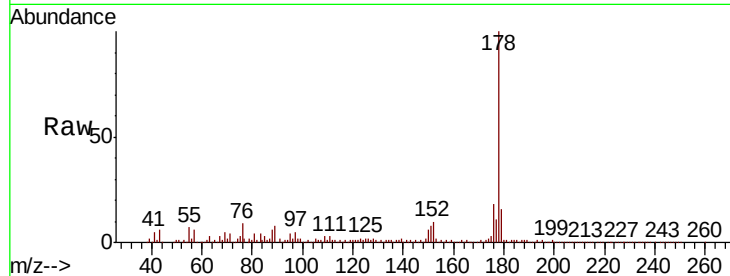
#71
Phenanthrene
Concen: 3.521 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.9	25.3
179	16.1	13.2	19.8

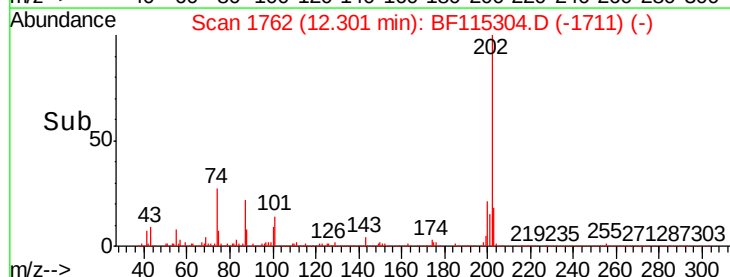
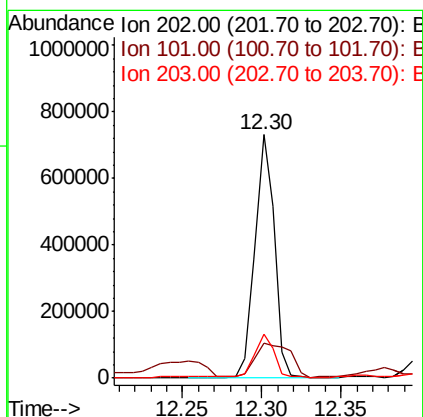
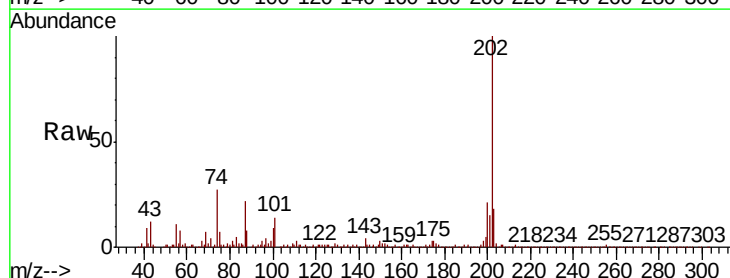
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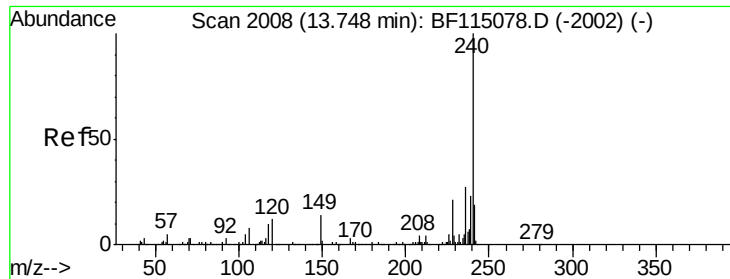
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#75
Fluoranthene
Concen: 9.794 ng
RT: 12.30 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.0
203	18.1	0.0	38.8





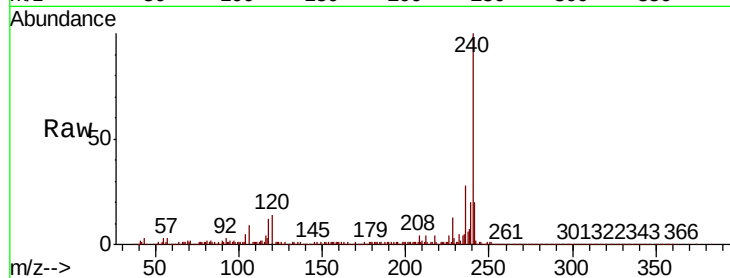
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.4	14.2
236	27.7	21.7	32.5

Manual Integrations
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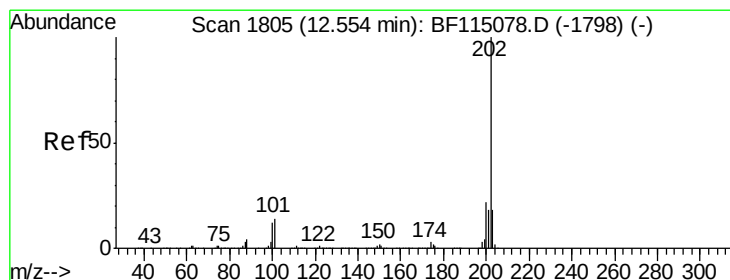
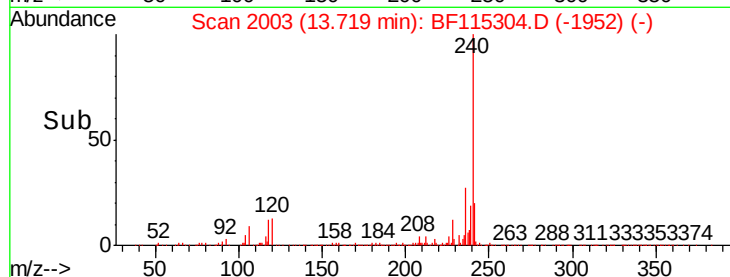
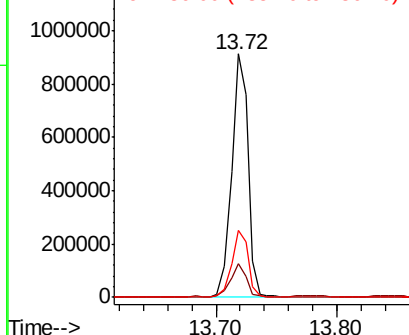


Abundance

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
Pyrene
Concen: 8.871 ng
RT: 12.53 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

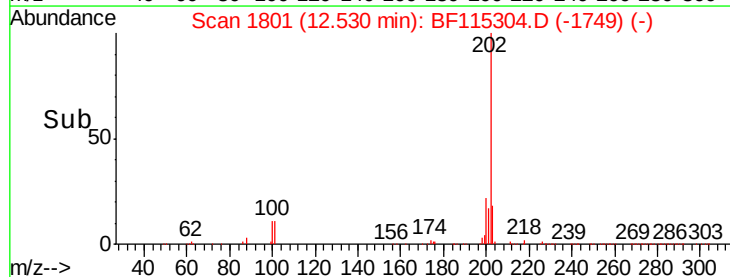
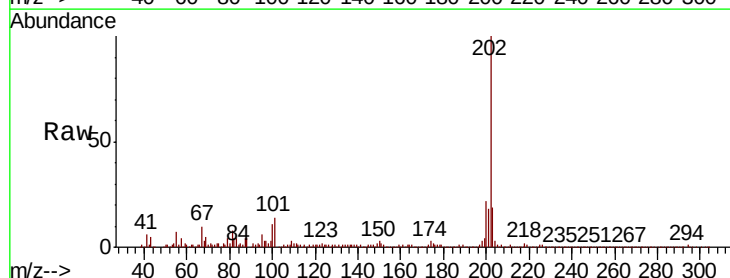
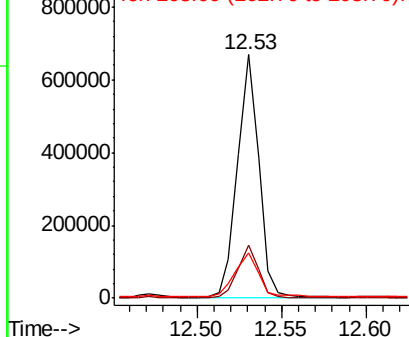
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.9	26.9
203	18.7	14.6	21.8

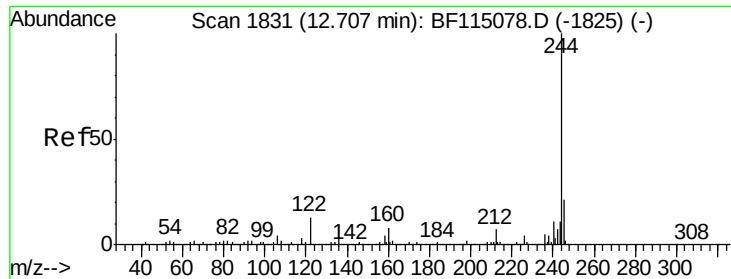
Abundance

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





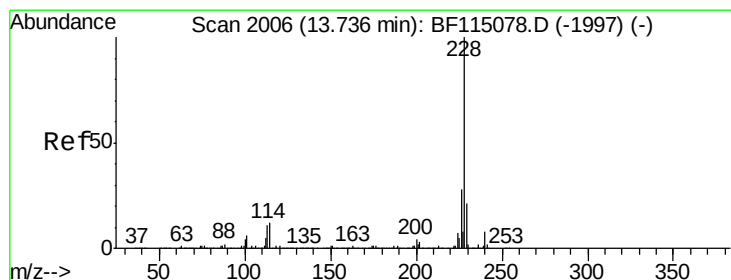
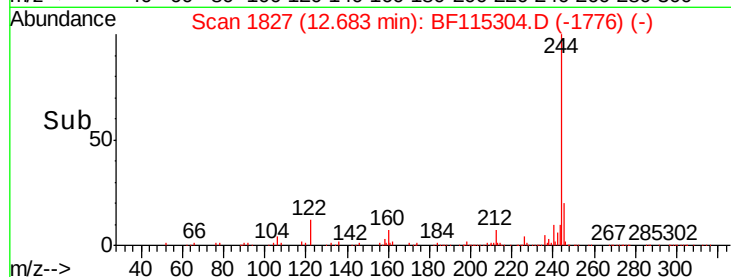
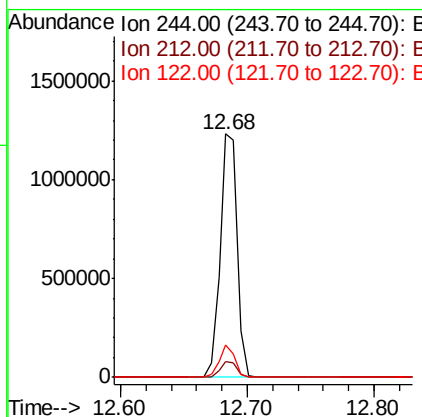
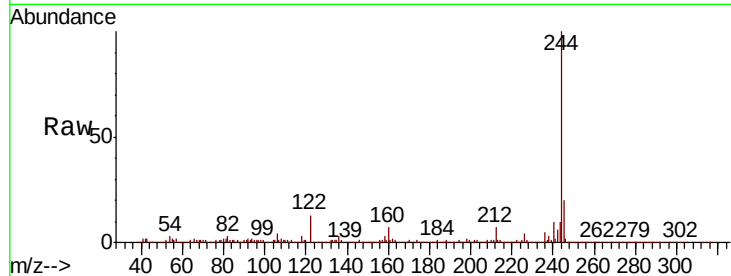
#79
 Terphenyl-d14
 Concen: 28.683 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115304.D
 Acq: 29 Jun 2019 1:28

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062719-A

Tot Ion:244 Resp: 1155312
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 13.3 10.4 15.6

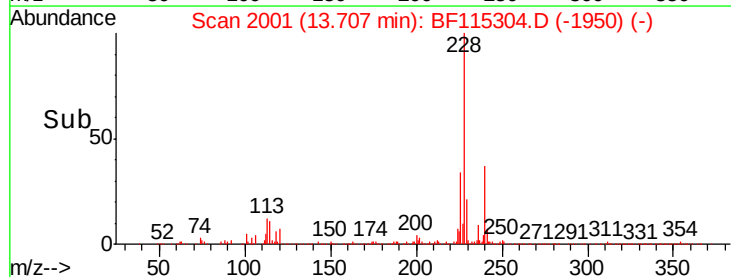
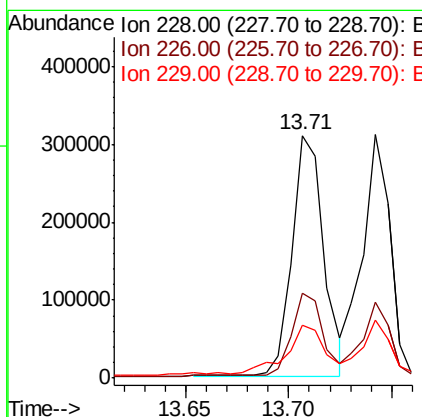
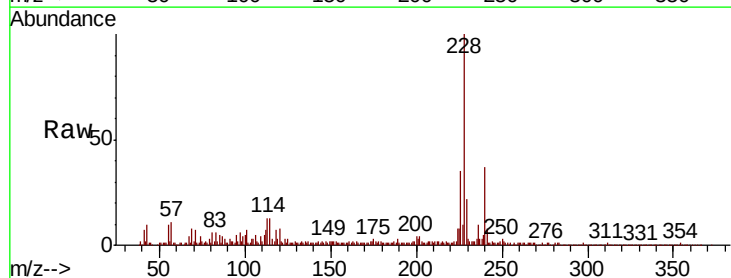
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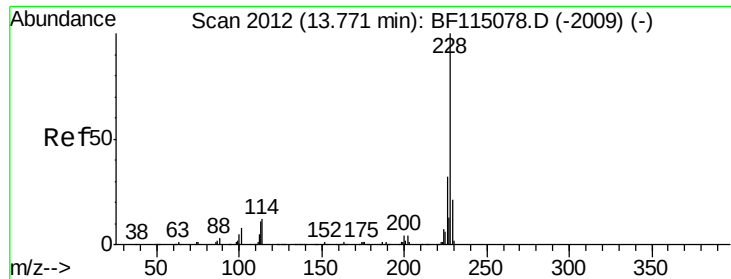
mohammad
 7/1/2019 3:06:14 PM



#81
 Benzo(a)anthracene
 Concen: 5.425 ng m
 RT: 13.71 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF115304.D
 Acq: 29 Jun 2019 1:28

Tgt Ion:228 Resp: 333337
 Ion Ratio Lower Upper
 228 100
 226 34.9 22.5 33.7#
 229 21.7 16.6 24.8





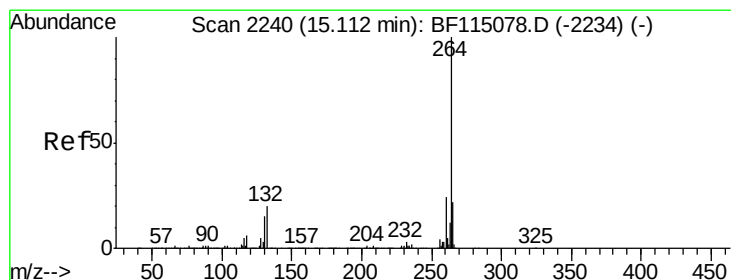
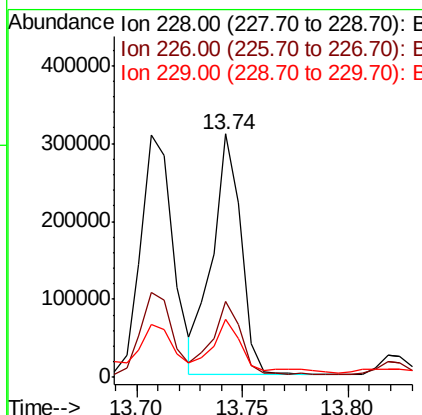
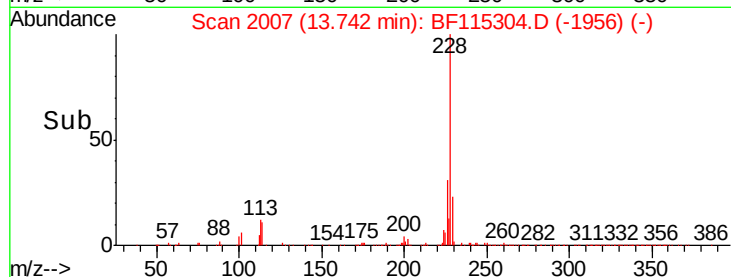
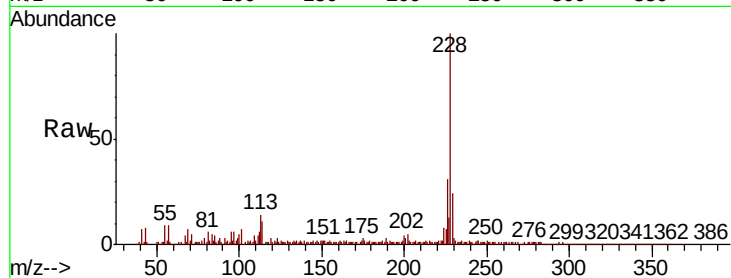
#83
Chrysene
Concen: 5.192 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	23.6	16.5	24.7

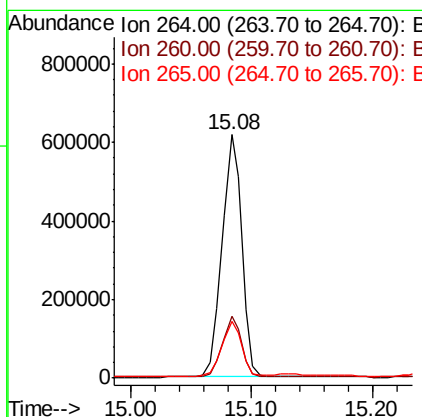
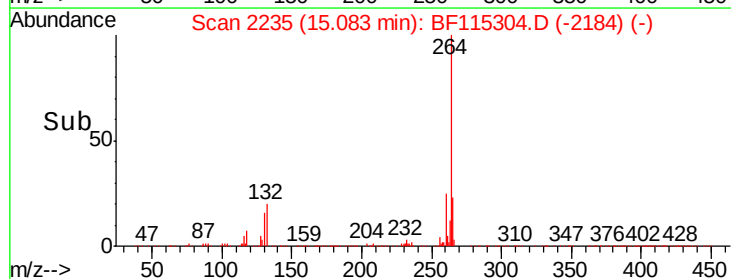
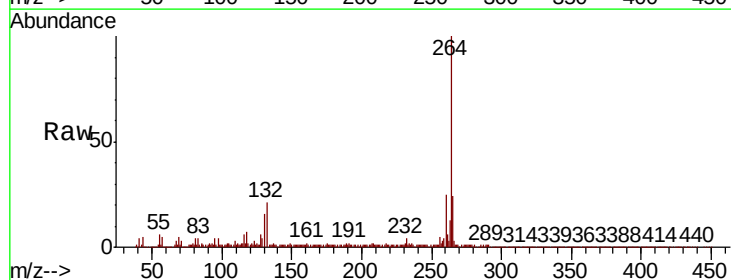
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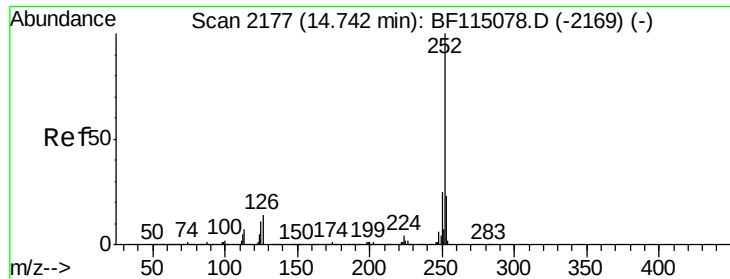
mohammad
7/1/2019 3:06:14 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	23.5	17.3	25.9





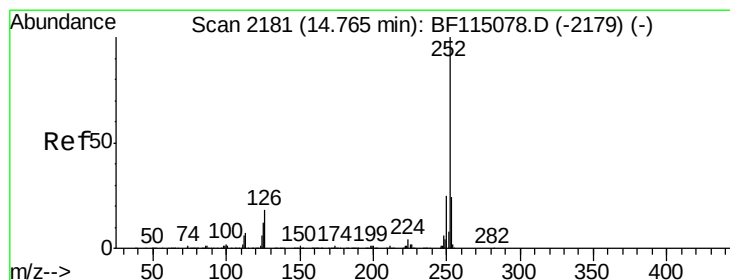
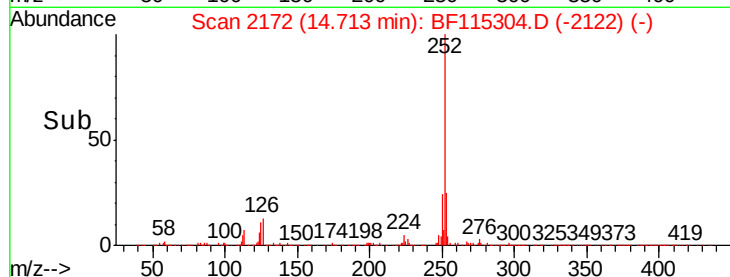
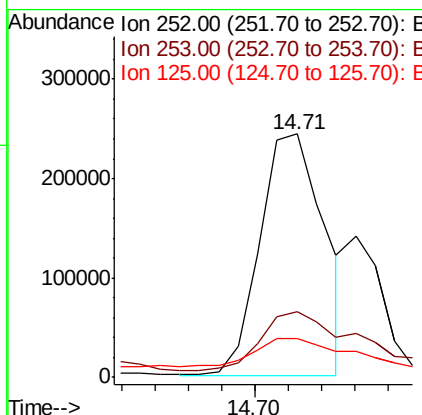
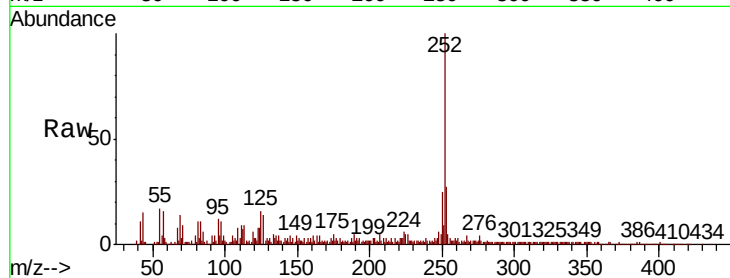
#88
Benzo(b)fluoranthene
Concen: 7.585 ng m
RT: 14.71 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.8	18.1	27.1
125	15.8	8.7	13.1#

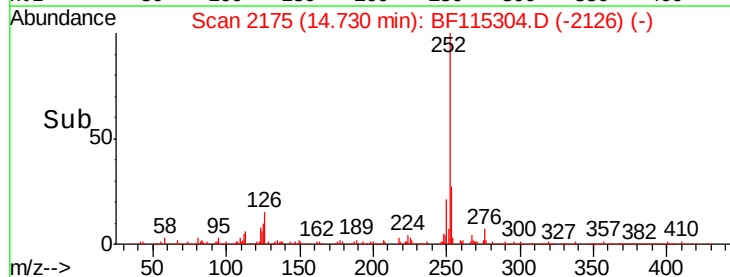
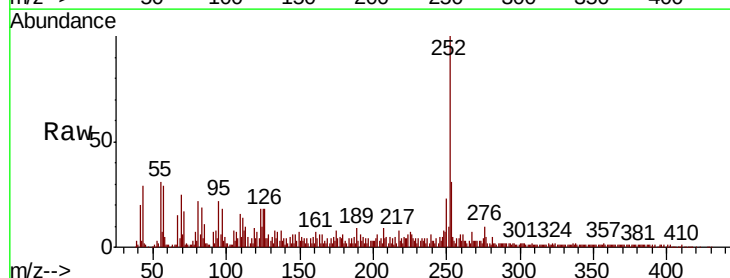
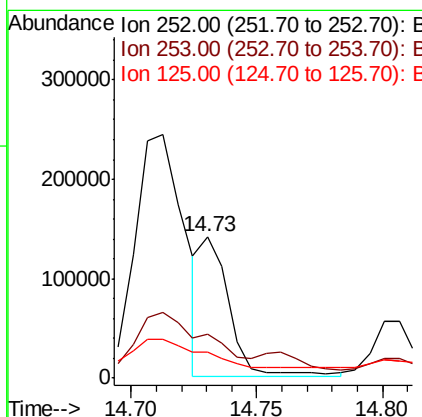
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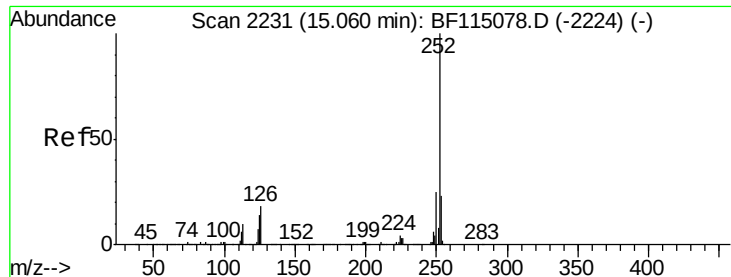
mohammad
7/1/2019 3:06:14 PM



#89
Benzo(k)fluoranthene
Concen: 2.895 ng m
RT: 14.73 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	31.3	18.9	28.3#
125	18.3	10.2	15.2#





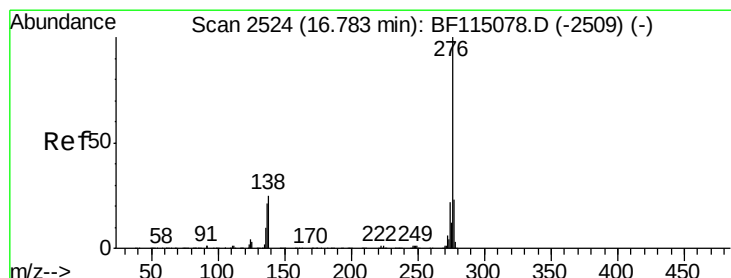
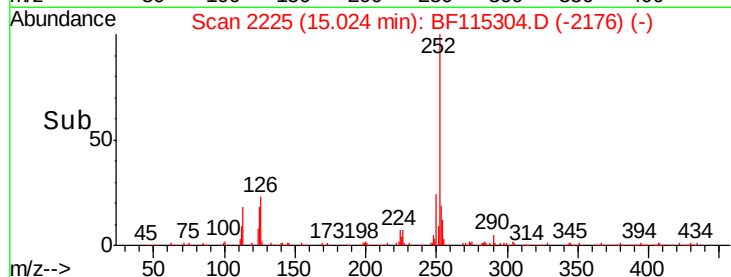
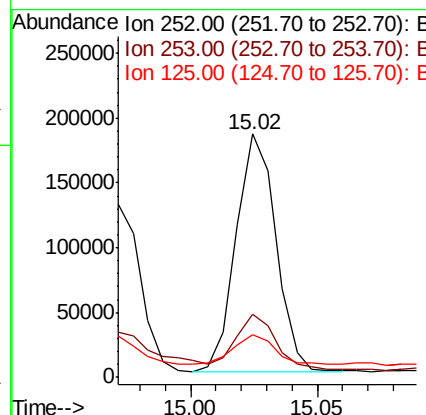
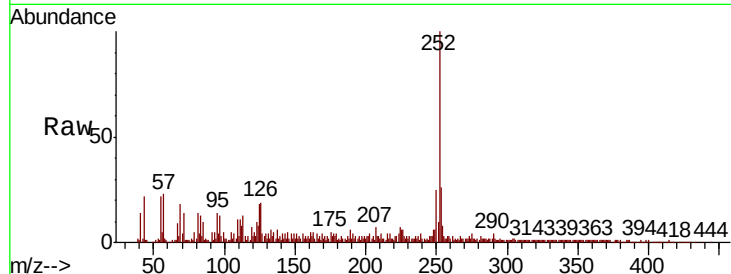
#90
Benzo(a)pyrene
Concen: 5.139 ng
RT: 15.02 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.3	27.5
125	17.8	10.9	16.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.606 ng
RT: 16.72 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF115304.D
Acq: 29 Jun 2019 1:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.6	28.0
138	28.0	19.8	29.6

