

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115660.D
 Acq On : 18 Jul 2019 22:45
 Operator : HP/JU
 Sample : K3874-02 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABB

Manual Integrations
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Quant Time: Jul 19 08:12:40 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	6.89	152	158184	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	631829	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	280221	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	500893	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	387873	20.00	ng	-0.01
87) Perylene-d12	15.50	264	330279	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	370363	38.30	ng	0.00
7) Phenol-d6	6.50	99	519564	42.34	ng	-0.01
23) Nitrobenzene-d5	7.44	82	308345	28.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	101981	31.18	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	553664	34.58	ng	-0.02
79) Terphenyl-d14	12.98	244	493708	23.49	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	66667	3.162	ng	99
71) Phenanthrene	11.42	178	292111	11.377	ng	96
72) Anthracene	11.47	178	90855	3.424	ng	97
75) Fluoranthene	12.61	202	462970	17.064	ng	99
78) Pyrene	12.84	202	422809	12.866	ng	97
81) Benzo(a)anthracene	14.03	228	262711	10.281	ng	98
83) Chrysene	14.06	228	224013	8.733	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	80429	3.691	ng	94
88) Benzo(b)fluoranthene	15.07	252	219219m	10.308	ng	
89) Benzo(k)fluoranthene	15.10	252	77870m	4.107	ng	
90) Benzo(a)pyrene	15.44	252	158222	8.656	ng	# 94
92) Benzo(a,h,i)perylene	17.42	276	74580	4.660	ng	94

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

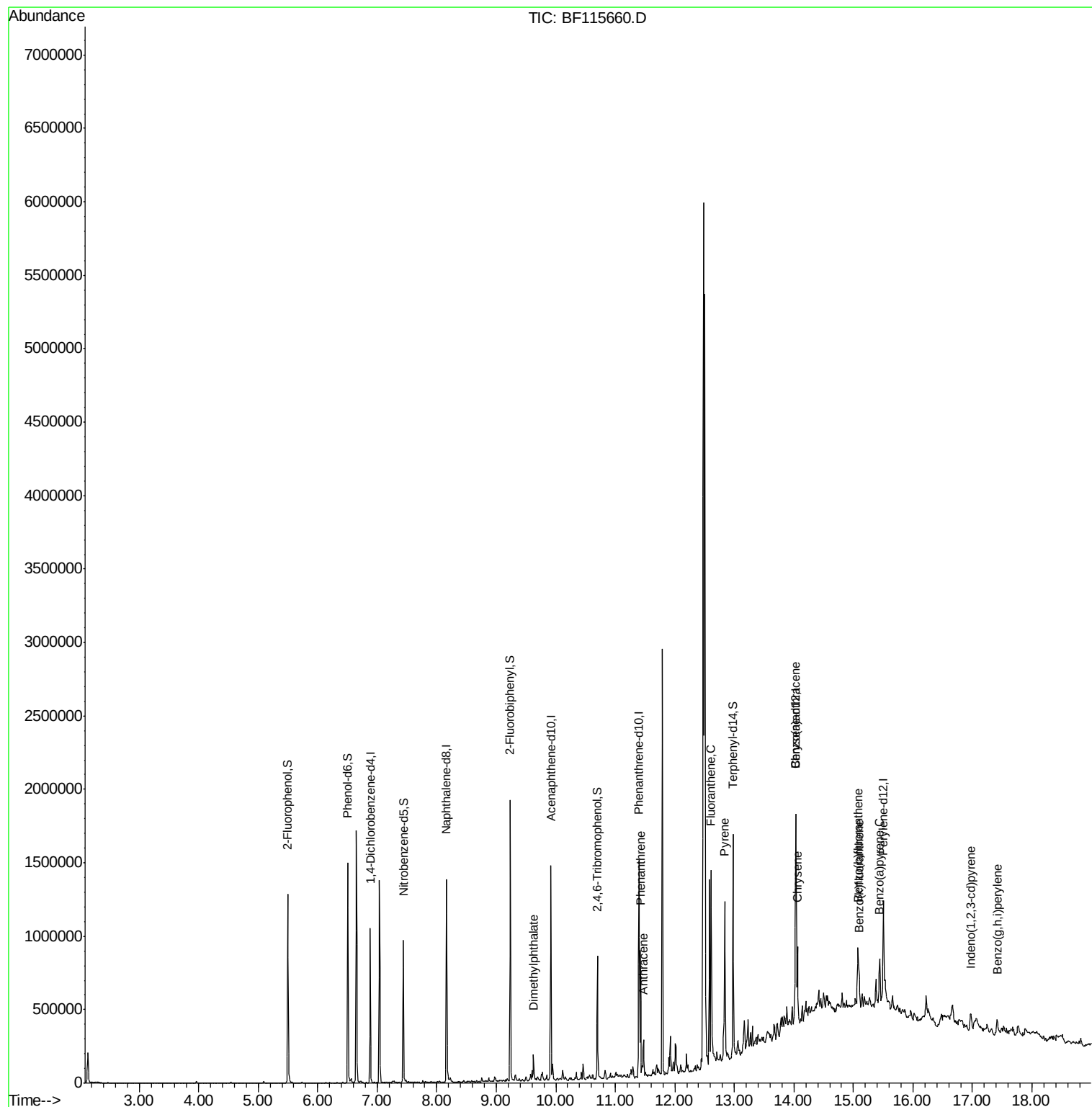
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115660.D
Acq On : 18 Jul 2019 22:45
Operator : HP/JU
Sample : K3874-02 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

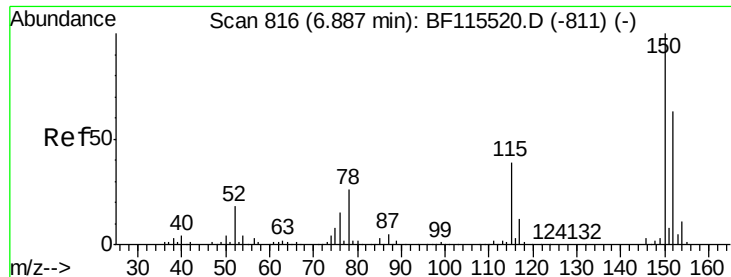
Instrument :
BNA_F
ClientSampleId :
HJDC-GRABB

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Quant Time: Jul 19 08:12:40 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

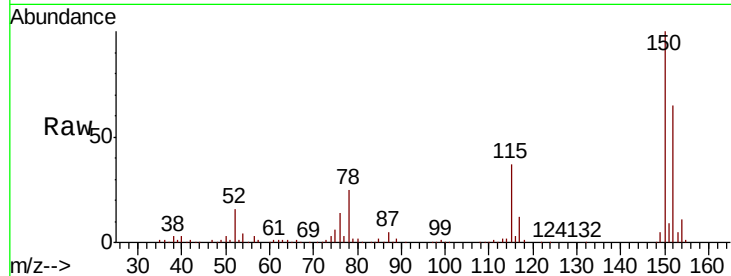
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.7	194.5
115	57.5	48.2	72.4

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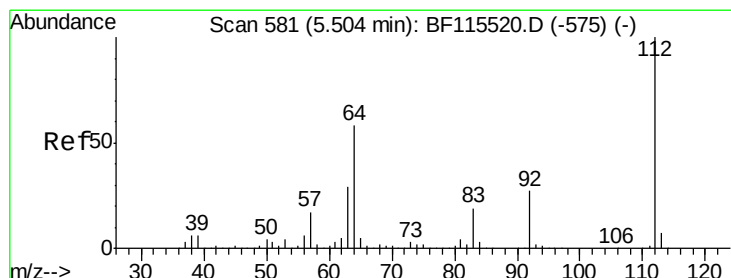
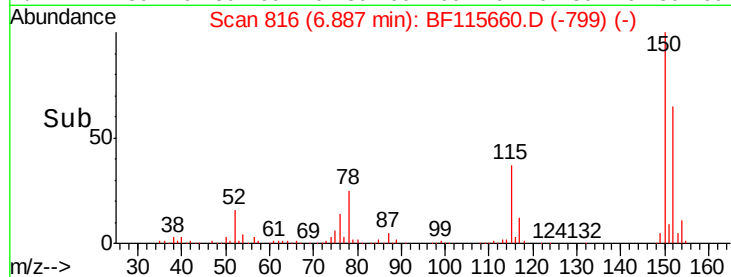
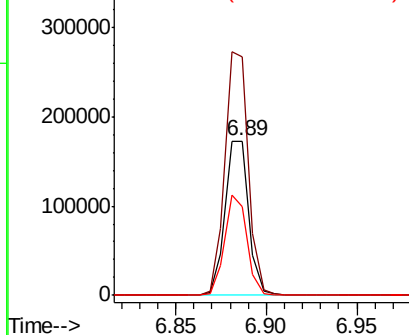


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

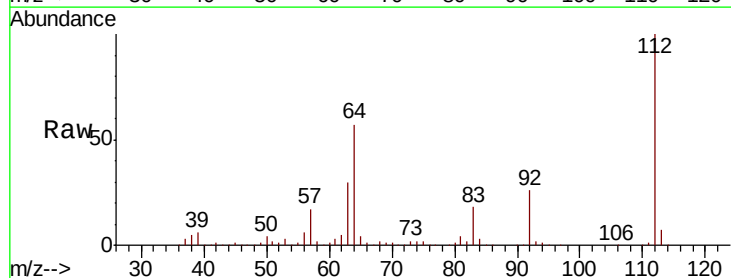
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.298 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.8	70.2
63	29.5	24.1	36.1

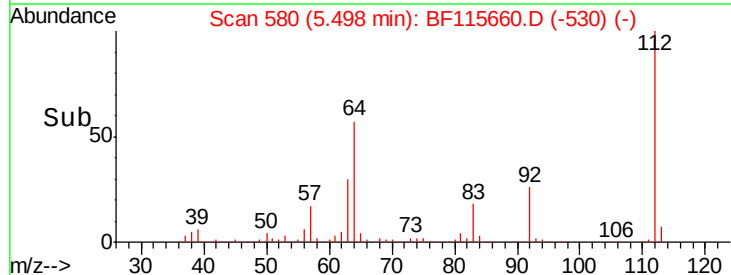
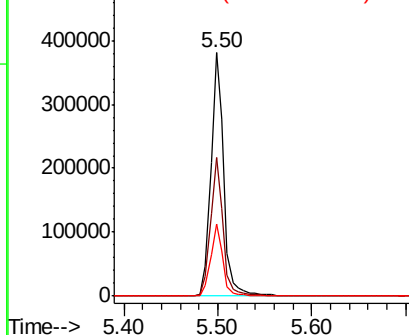


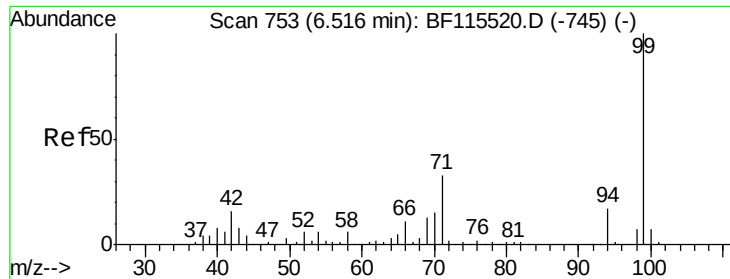
Abundance

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: 42.341 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115660.D

Acq: 18 Jul 2019 22:45

Instrument :

BNA_F

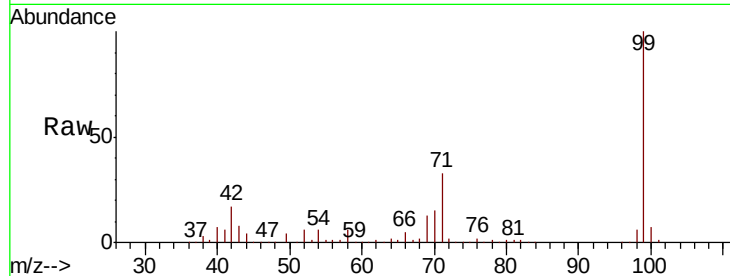
ClientSampleId :

HJDC-GRABB

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		519564		
42	16.9	13.6	20.4		
71	32.6	28.5	42.7		

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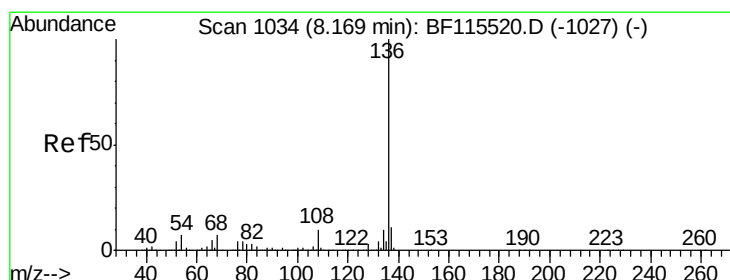
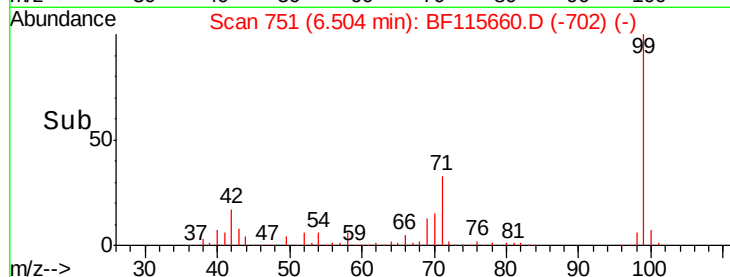
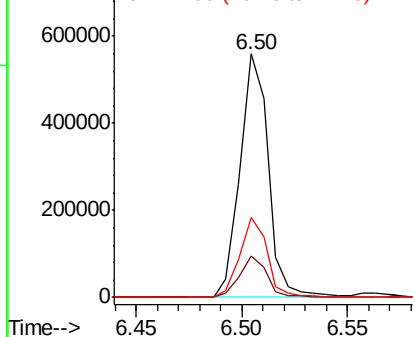


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115660.D

Acq: 18 Jul 2019 22:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		631829		
137	11.2	9.0	13.4		
54	7.3	5.6	8.4		
68	6.9	5.0	7.6		

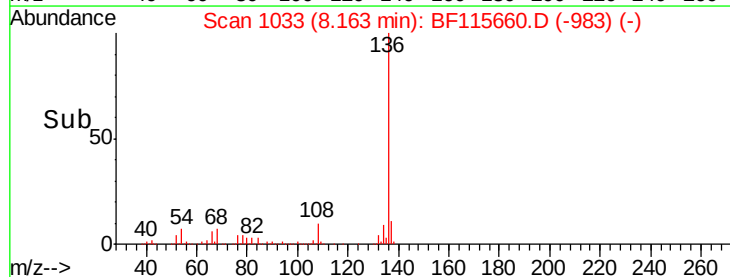
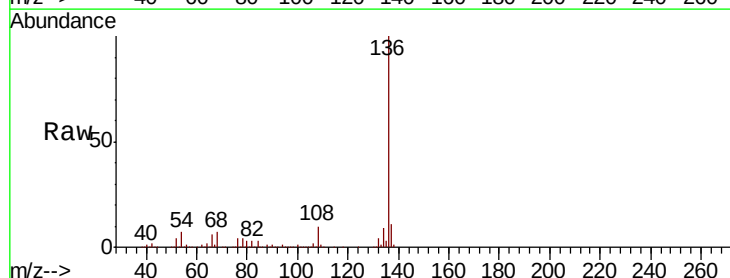
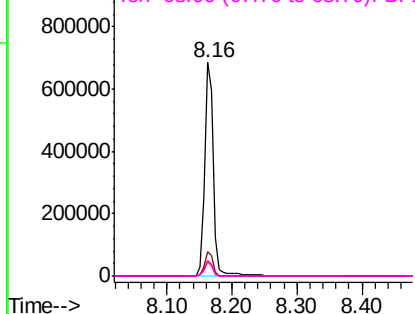
Abundance

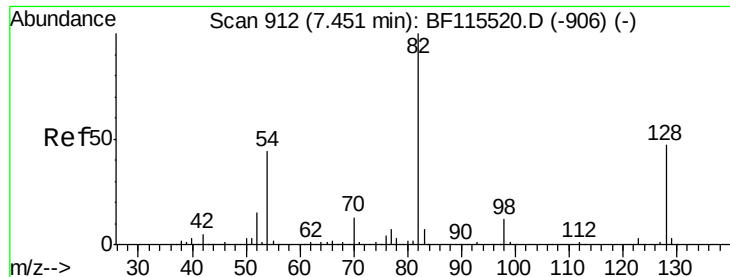
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





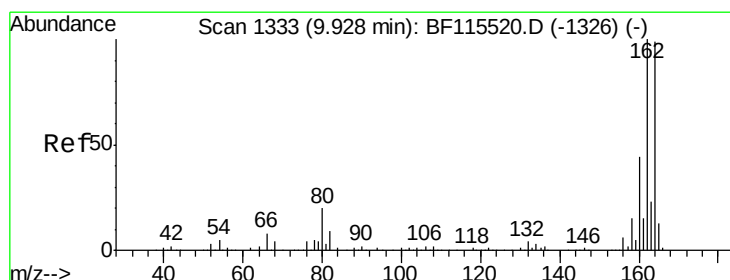
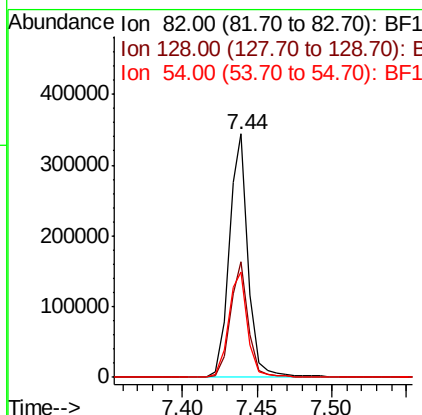
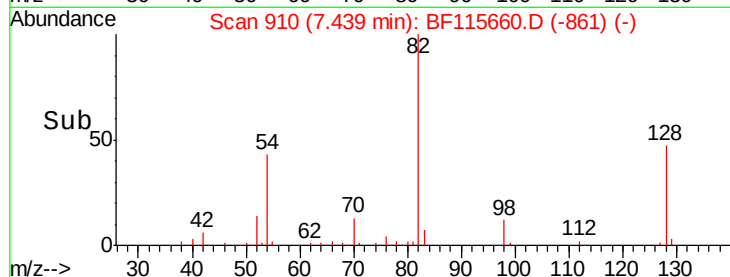
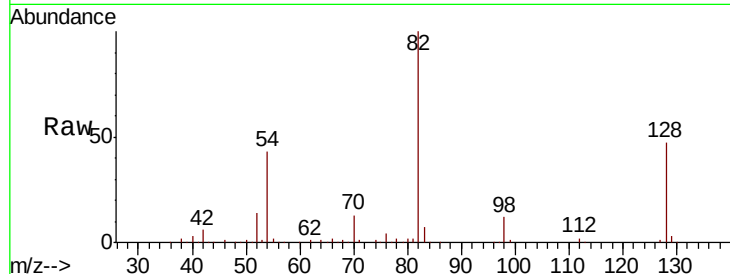
#23
 Nitrobenzene-d5
 Concen: 28.377 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115660.D
 Acq: 18 Jul 2019 22:45

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABB

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.6	57.8
54	43.4	35.6	53.4

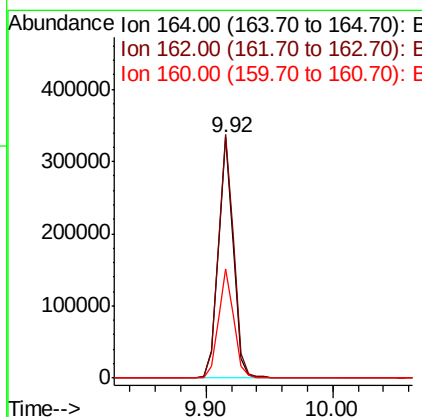
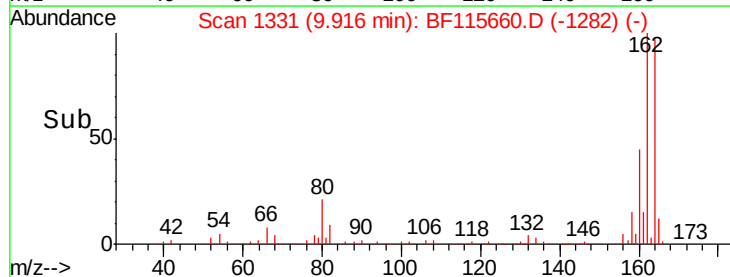
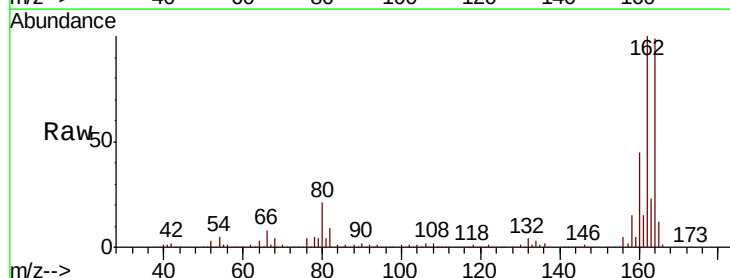
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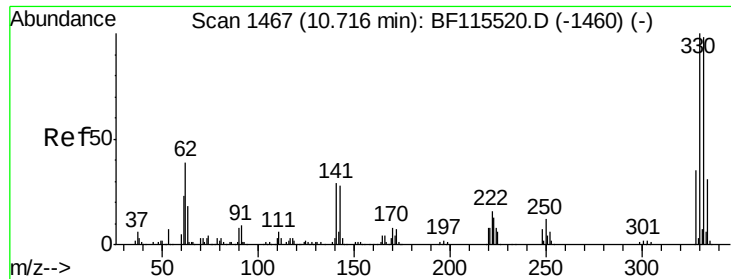
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115660.D
 Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.9	124.3
160	45.6	36.8	55.2





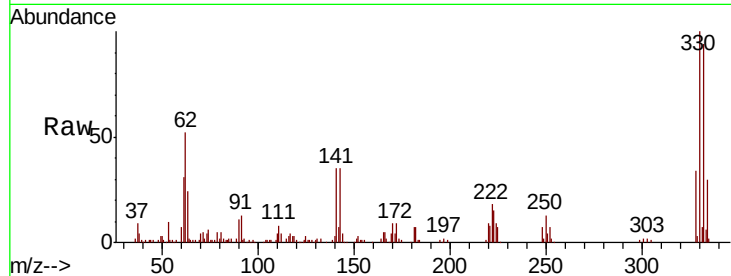
#42
 2,4,6-Tribromophenol
 Concen: 31.179 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115660.D
 Acq: 18 Jul 2019 22:45

Instrument :
 BNA_F
 ClientSampled :
 HJDC-GRABB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	101981		
332	95.4	77.4	116.2	
141	33.3	22.4	33.6	

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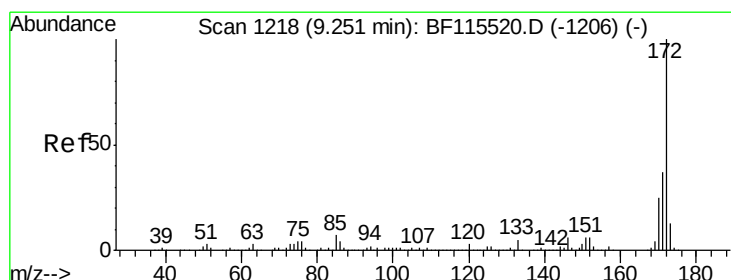
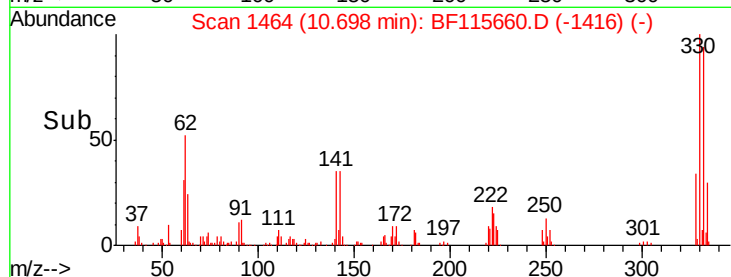
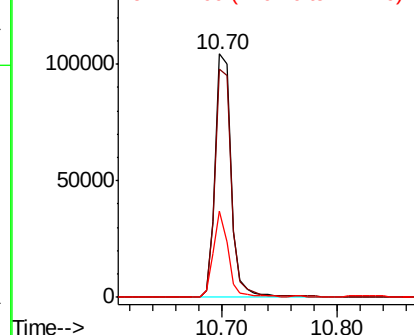


Abundance

Ion 329.80 (329.50 to 330.50): E

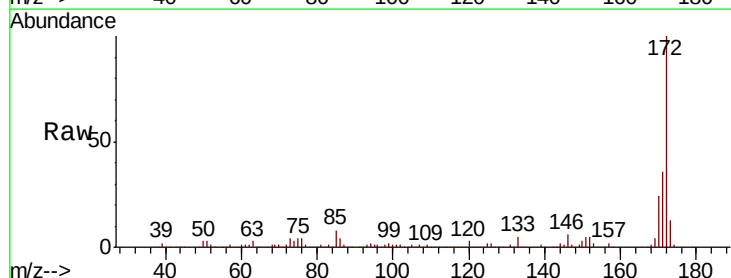
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 34.582 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115660.D
 Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	553664		
171	36.2	30.6	46.0	
170	24.0	20.5	30.7	

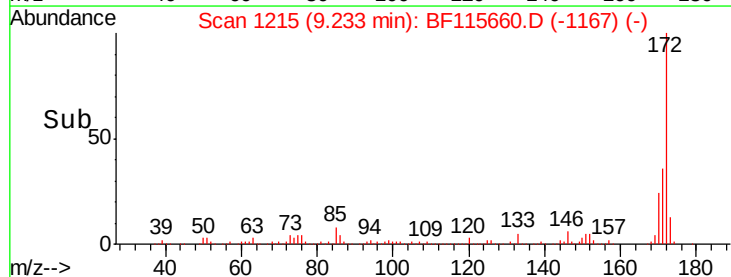
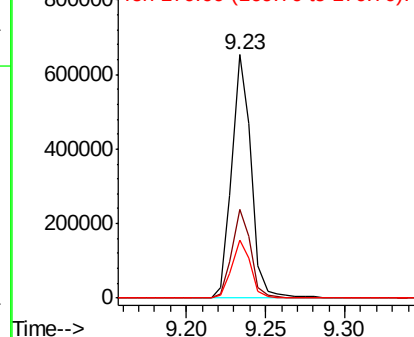


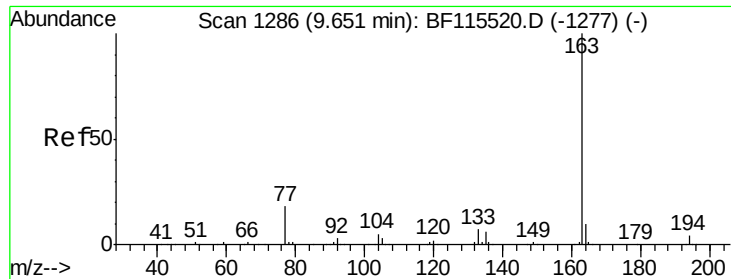
Abundance

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





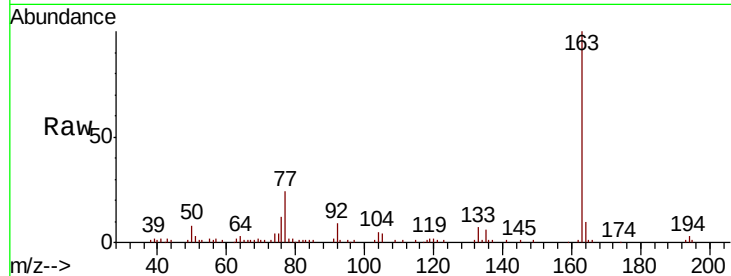
#50
Dimethylphthalate
Concen: 3.162 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABB

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.3	4.9
164	10.4	8.7	13.1

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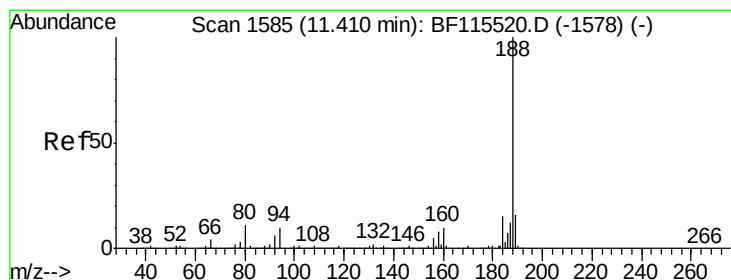
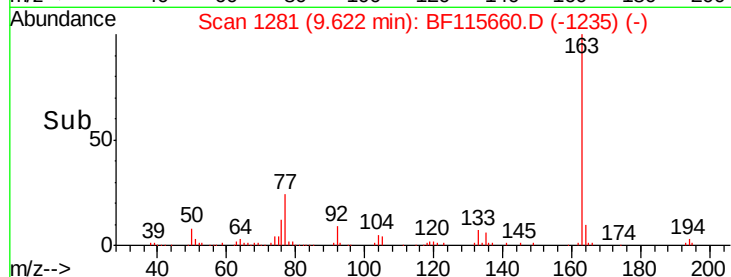
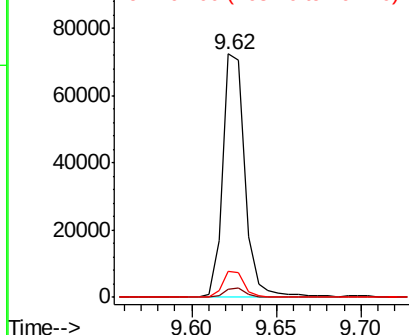


Abundance

Ion 163.00 (162.70 to 163.70): E

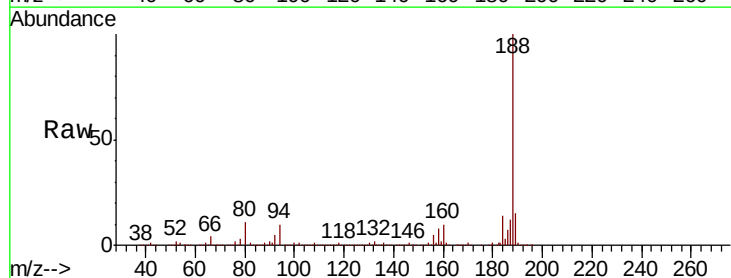
Ion 194.00 (193.70 to 194.70): E

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: BF115660.D
Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	10.7	8.6	13.0

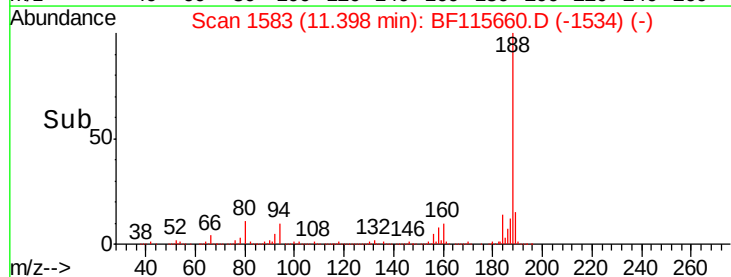
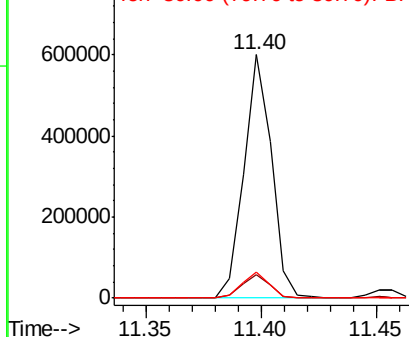


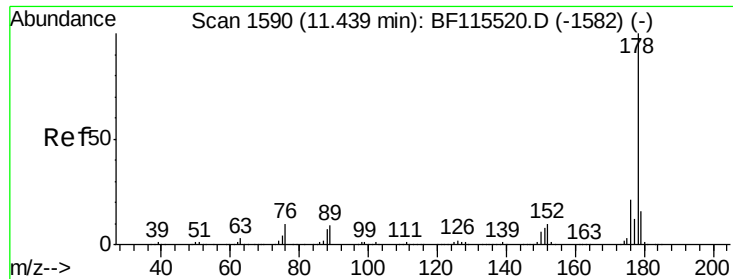
Abundance

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





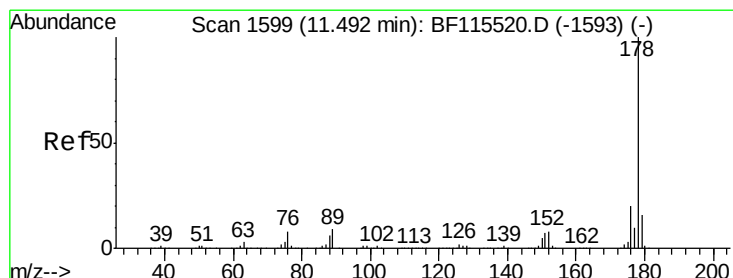
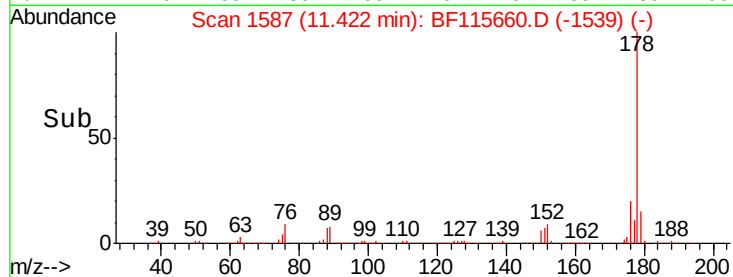
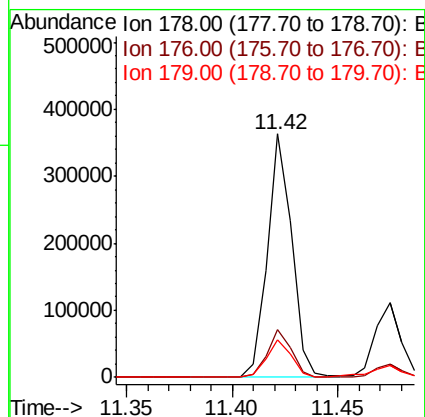
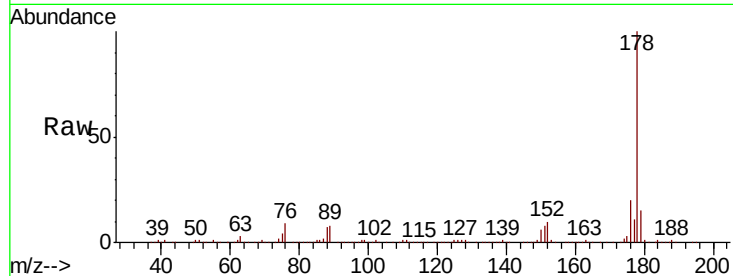
#71
Phenanthrene
Concen: 11.377 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABB

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.2	25.8
179	15.2	13.5	20.3

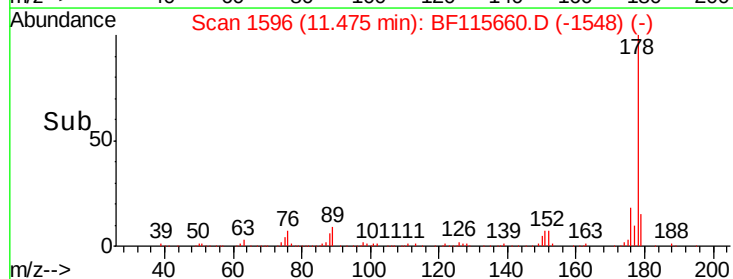
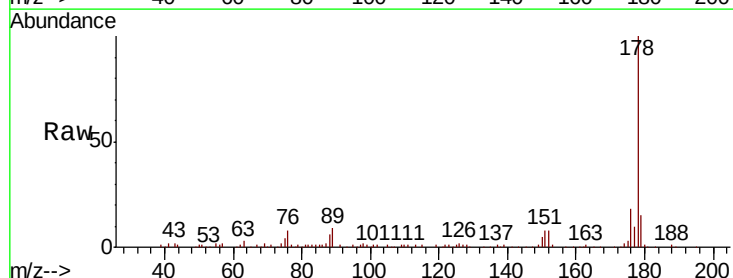
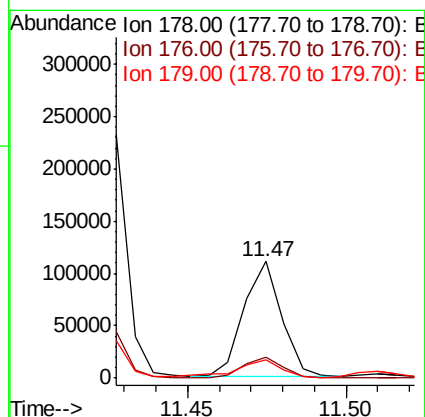
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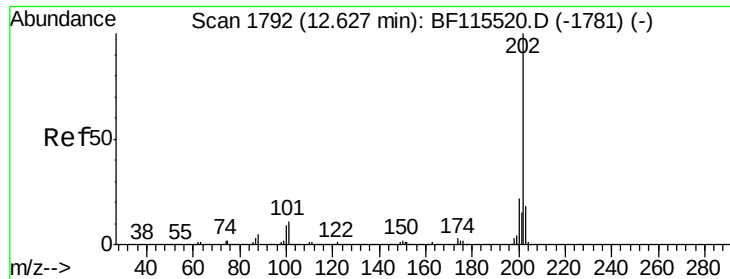
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#72
Anthracene
Concen: 3.424 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	15.2	12.7	19.1





#75

Fluoranthene

Concen: 17.064 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF115660.D

Acq: 18 Jul 2019 22:45

Instrument :

BNA_F

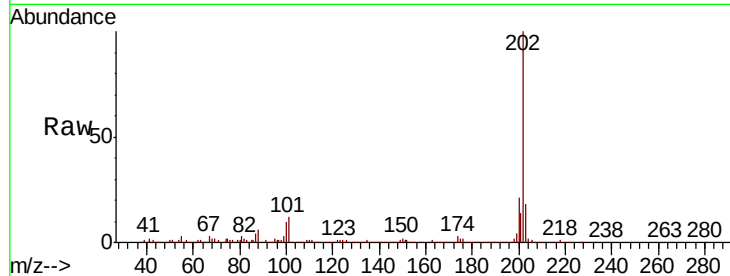
ClientSampleId :

HJDC-GRAB

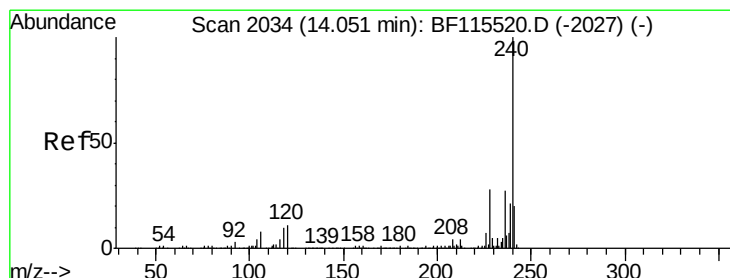
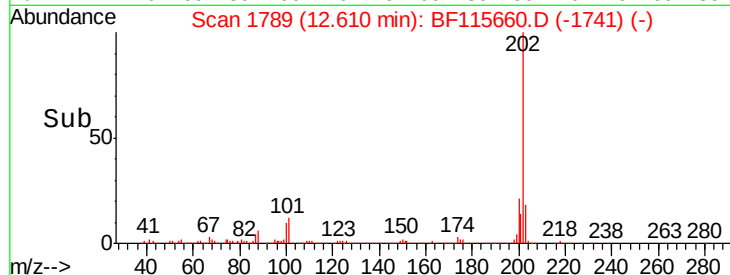
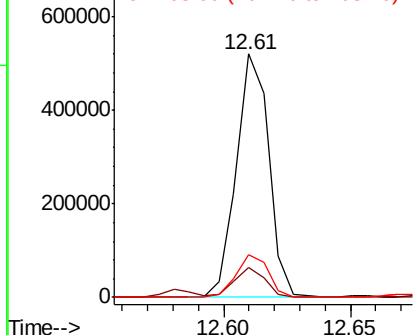
Tot Ion	Ratio	Resp	Lower	Upper
202	100	462970		
101	12.2	0.0	31.4	
203	17.7	0.0	38.1	

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

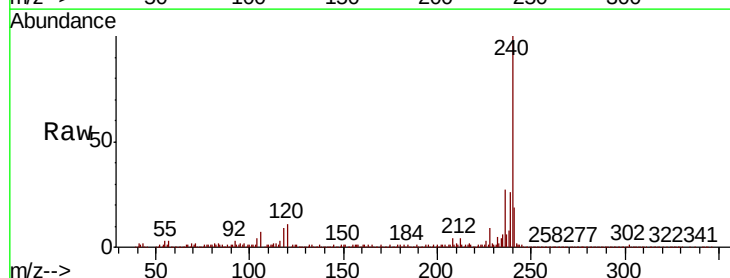
RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

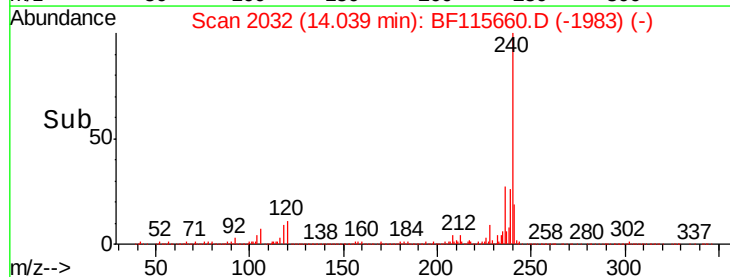
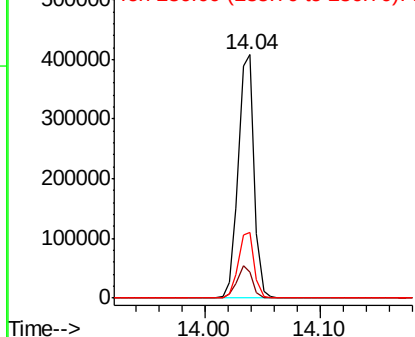
Lab File: BF115660.D

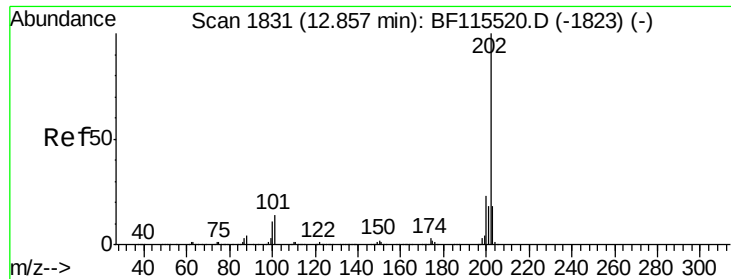
Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	387873		
120	10.7	8.6	13.0	
236	27.0	21.3	31.9	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 12.866 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115660.D

Acq: 18 Jul 2019 22:45

Instrument :

BNA_F

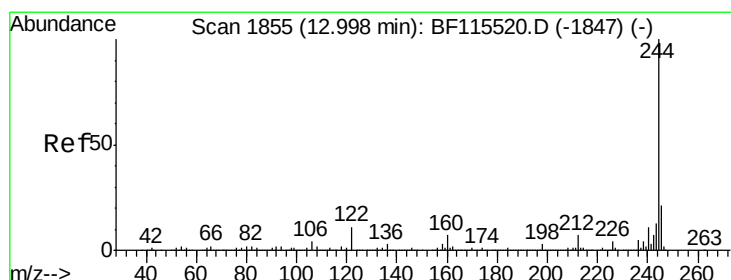
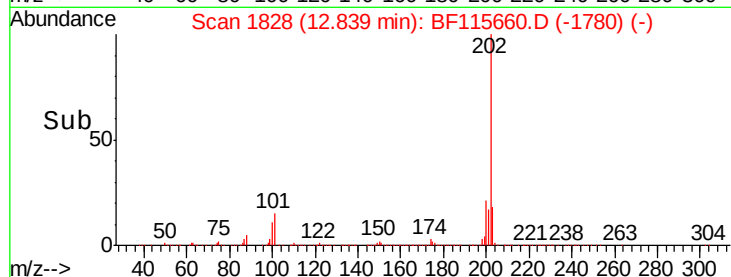
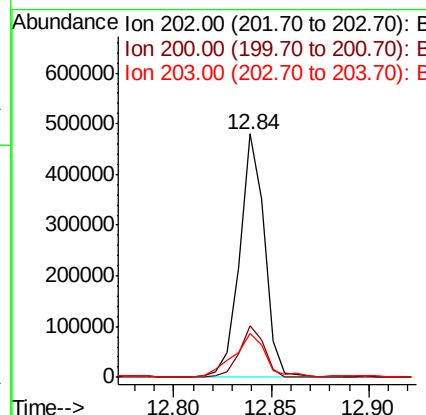
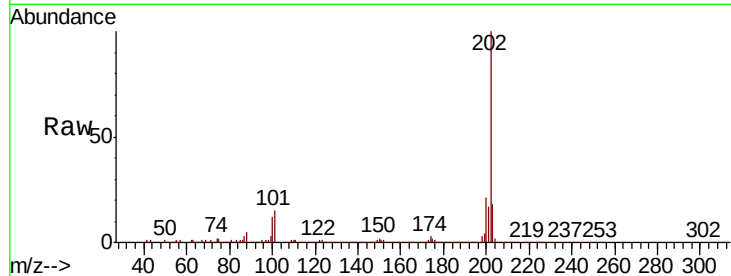
ClientSampleId :

HJDC-GRABB

Tot Ion:	202	Resp:	422809
Ion Ratio	Lower	Upper	
202	100		
200	21.4	18.7	28.1
203	18.2	15.2	22.8

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#79

Terphenyl-d14

Concen: 23.486 ng

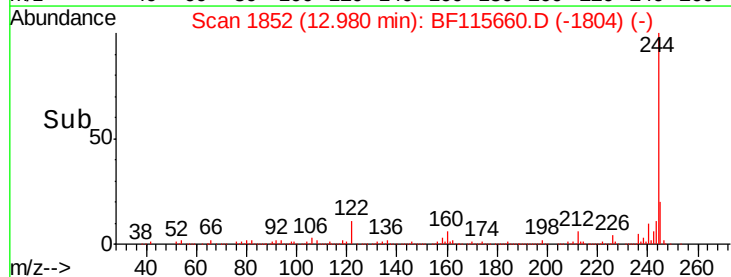
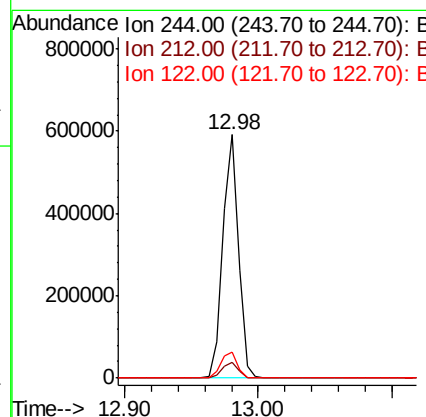
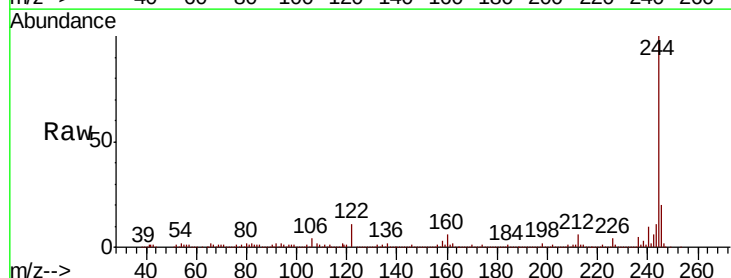
RT: 12.98 min Scan# 1852

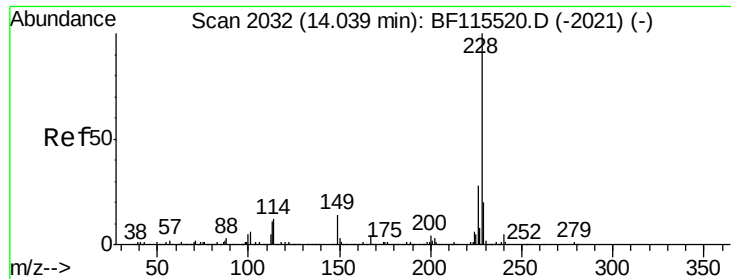
Delta R.T. -0.02 min

Lab File: BF115660.D

Acq: 18 Jul 2019 22:45

Tgt Ion:	244	Resp:	493708
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.0	9.0
122	10.9	8.6	12.8





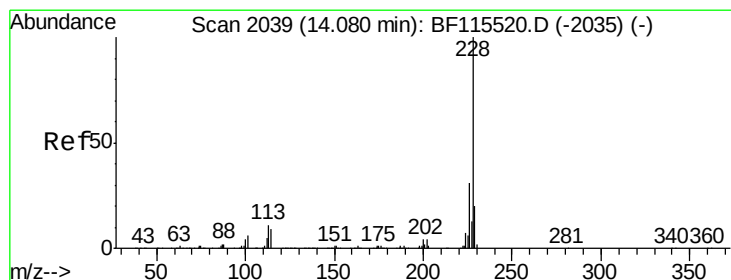
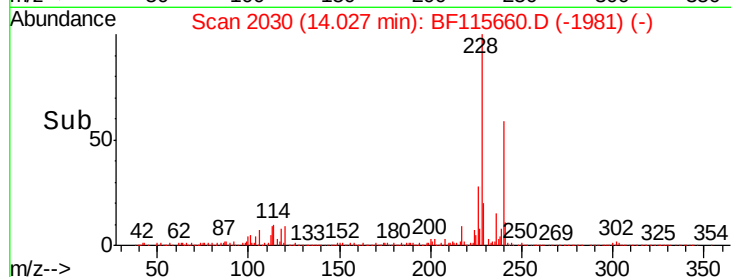
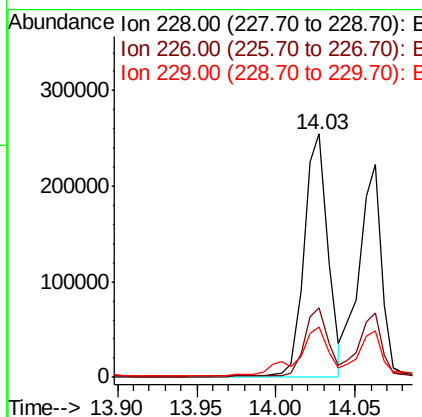
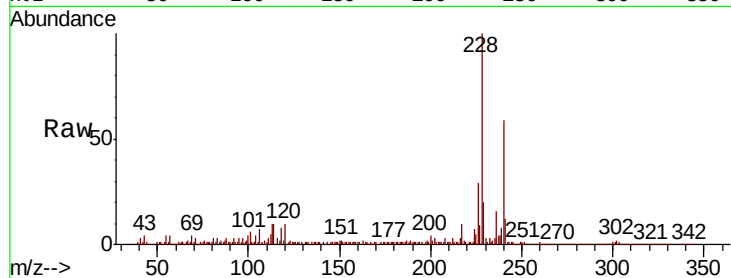
#81
Benzo(a)anthracene
Concen: 10.281 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Instrument :
BNA_F
ClientSampleId :
HJDC-GRAB

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.5	17.2	25.8

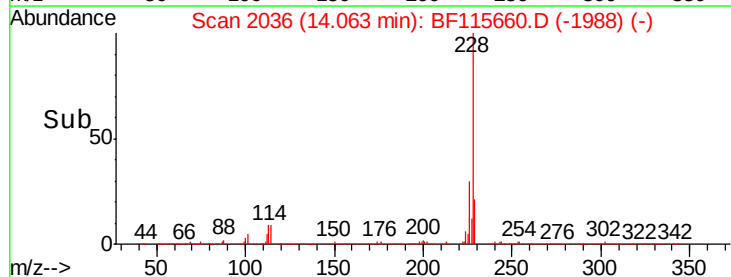
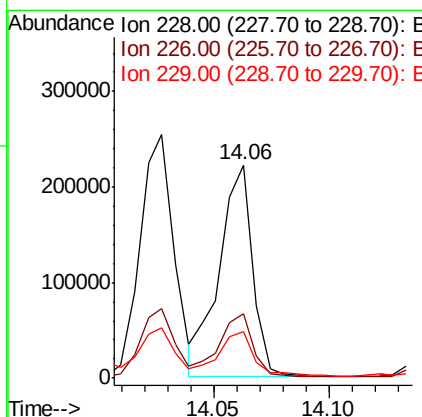
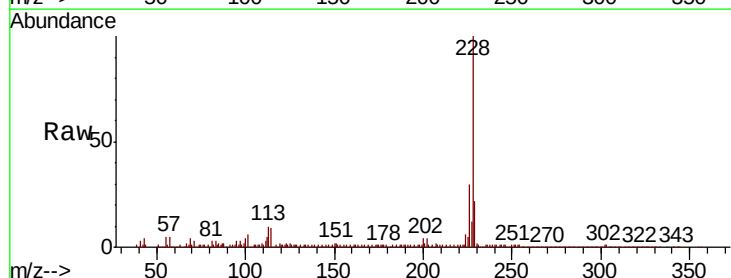
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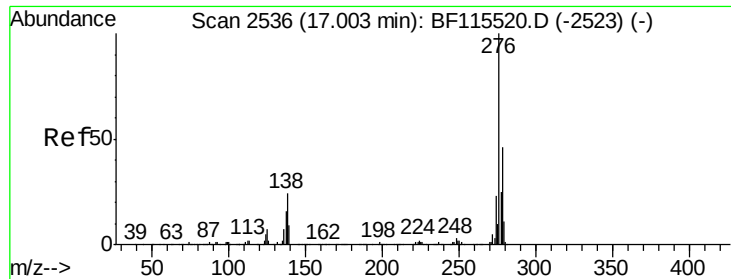
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#83
Chrysene
Concen: 8.733 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	21.6	16.6	25.0





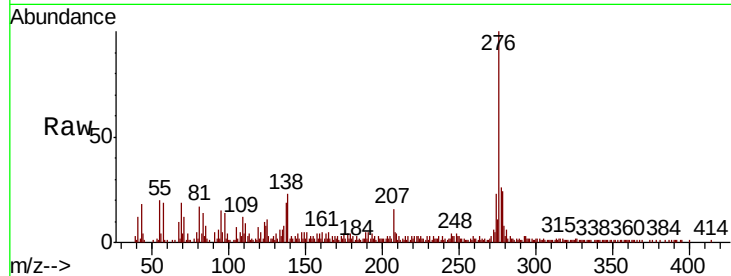
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.691 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABB

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.2	30.2
277	23.9	20.4	30.6

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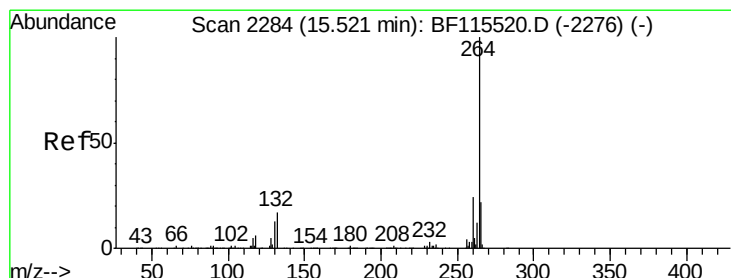
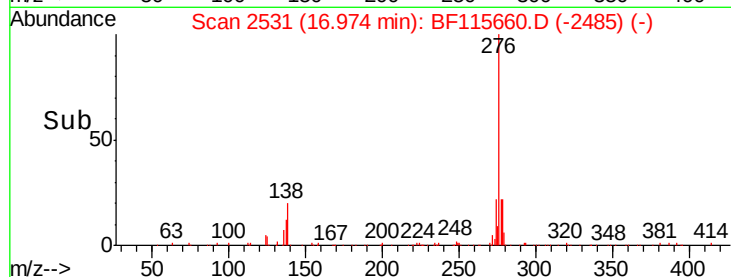
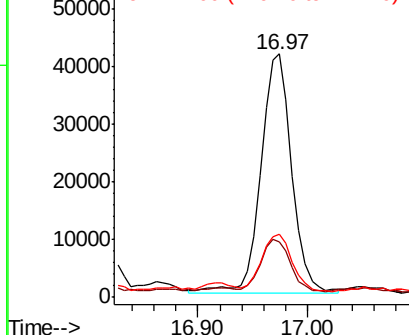


Abundance

Ion 276.00 (275.70 to 276.70): E

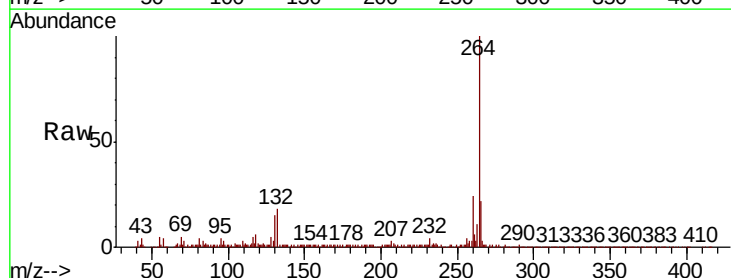
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	22.4	17.7	26.5

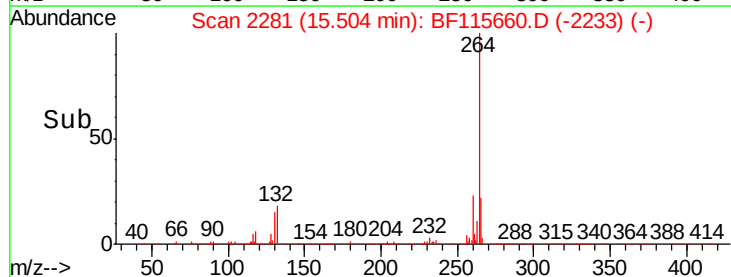
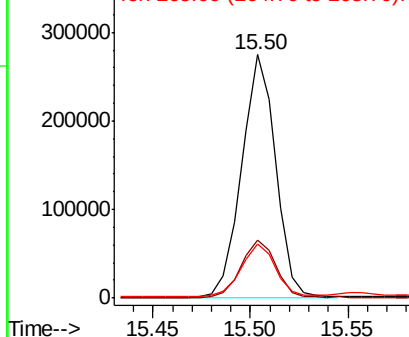


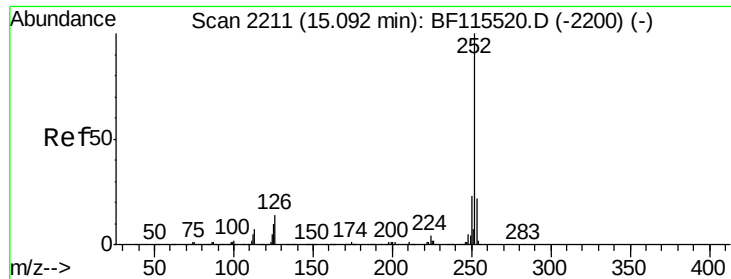
Abundance

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





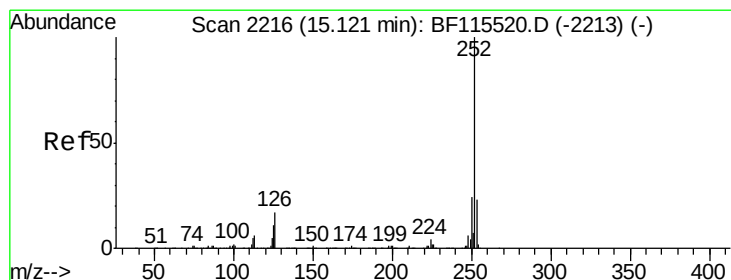
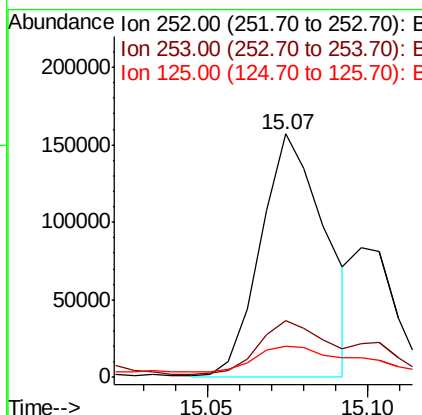
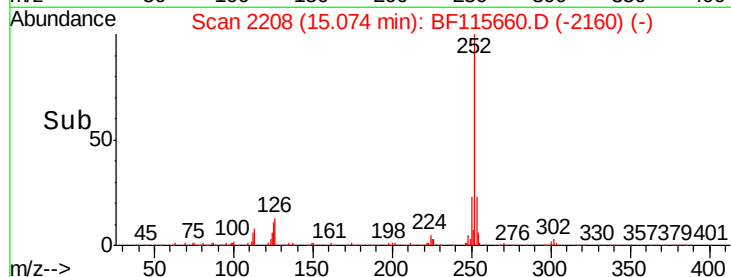
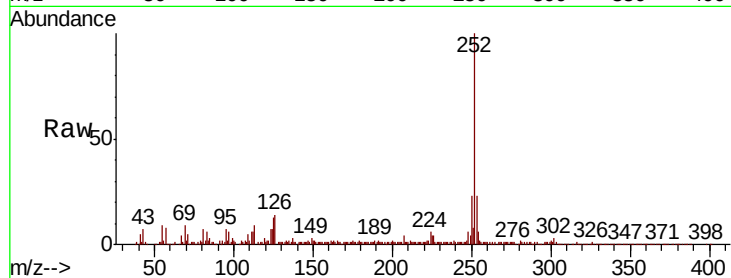
#88
Benzo(b)fluoranthene
Concen: 10.308 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABB

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	13.0	9.0	13.4

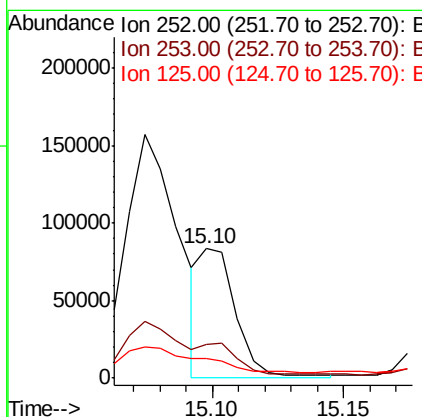
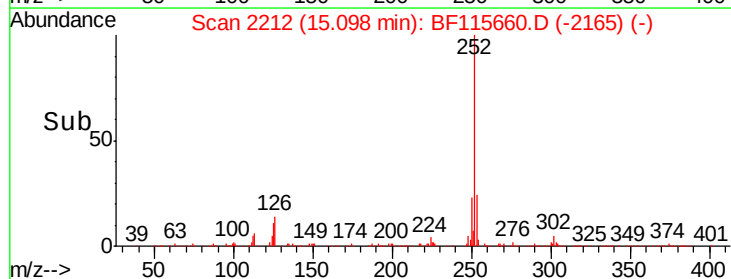
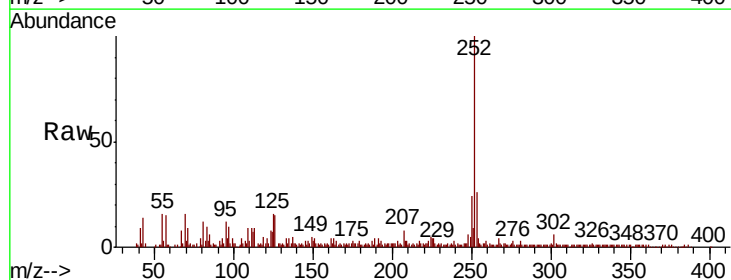
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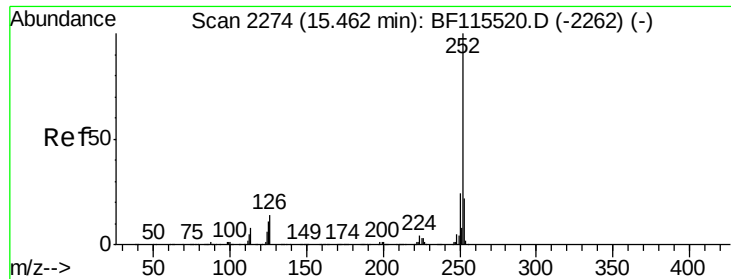
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#89
Benzo(k)fluoranthene
Concen: 4.107 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.6	28.0
125	15.6	9.0	13.6#





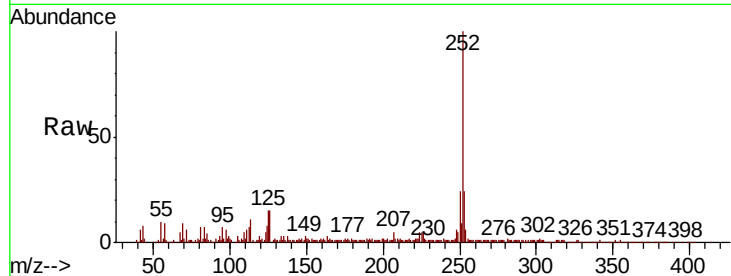
#90
Benzo(a)pyrene
Concen: 8.656 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABB

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	14.9	9.1	13.7

Manual Integrations
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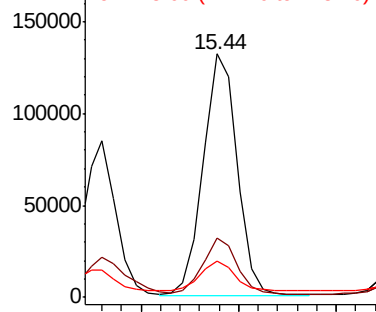


Abundance

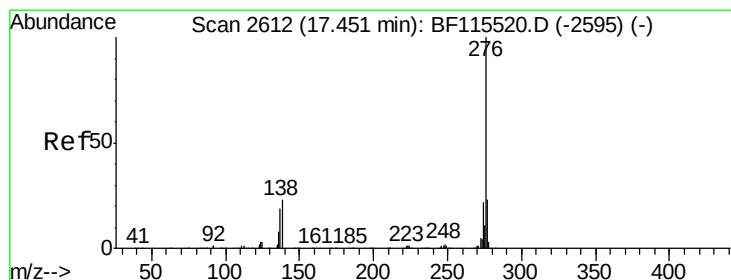
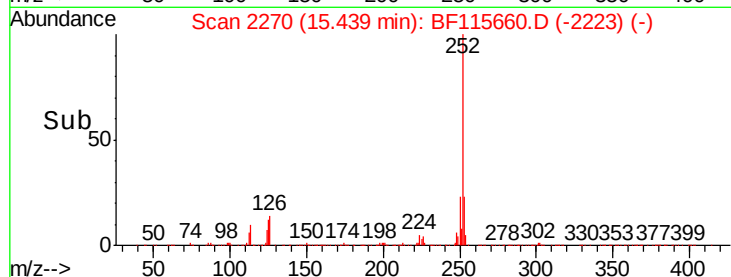
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

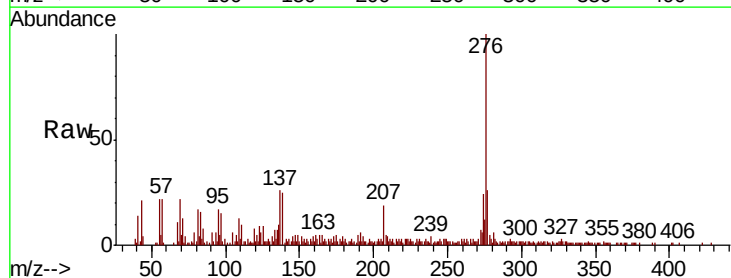


Time-->



#92
Benzo(g,h,i)perylene
Concen: 4.660 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF115660.D
Acq: 18 Jul 2019 22:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.0	28.4
138	24.7	17.2	25.8

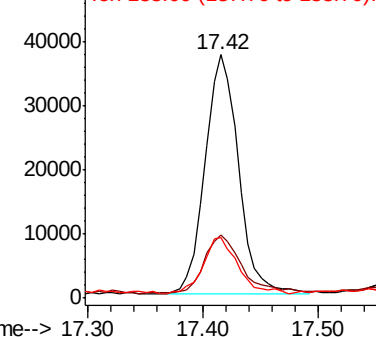


Abundance

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



Time-->

