

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115673.D
 Acq On : 19 Jul 2019 13:27
 Operator : HP/JU
 Sample : K3874-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABA

Manual Integrations
 APPROVED

mohammad
 7/22/2019 10:01:27 AM

Quant Time: Jul 19 15:24:47 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	184291	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	744319	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	347060	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	599751	20.00	ng	0.00
76) Chrysene-d12	14.04	240	356431	20.00	ng	0.00
87) Perylene-d12	15.52	264	405916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	446861	39.66	ng	0.00
7) Phenol-d6	6.50	99	600204	41.98	ng	-0.01
23) Nitrobenzene-d5	7.43	82	368410	28.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	140325	34.64	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	623667	31.45	ng	-0.02
79) Terphenyl-d14	12.99	244	482289	24.97	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	99732	3.819	ng	98
71) Phenanthrene	11.43	178	466980	15.190	ng	96
72) Anthracene	11.47	178	114390	3.600	ng	97
75) Fluoranthene	12.62	202	401707	12.365	ng	99
78) Pyrene	12.84	202	318241	10.538	ng	96
81) Benzo(a)anthracene	14.03	228	139151	5.926	ng	97
83) Chrysene	14.07	228	122647	5.203	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	54556	2.724	ng	94
88) Benzo(b)fluoranthene	15.09	252	145864m	5.581	ng	
90) Benzo(a)pyrene	15.45	252	95578	4.255	ng	99
92) Benzo(g,h,i)perylene	17.44	276	49629	2.523	ng	99

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

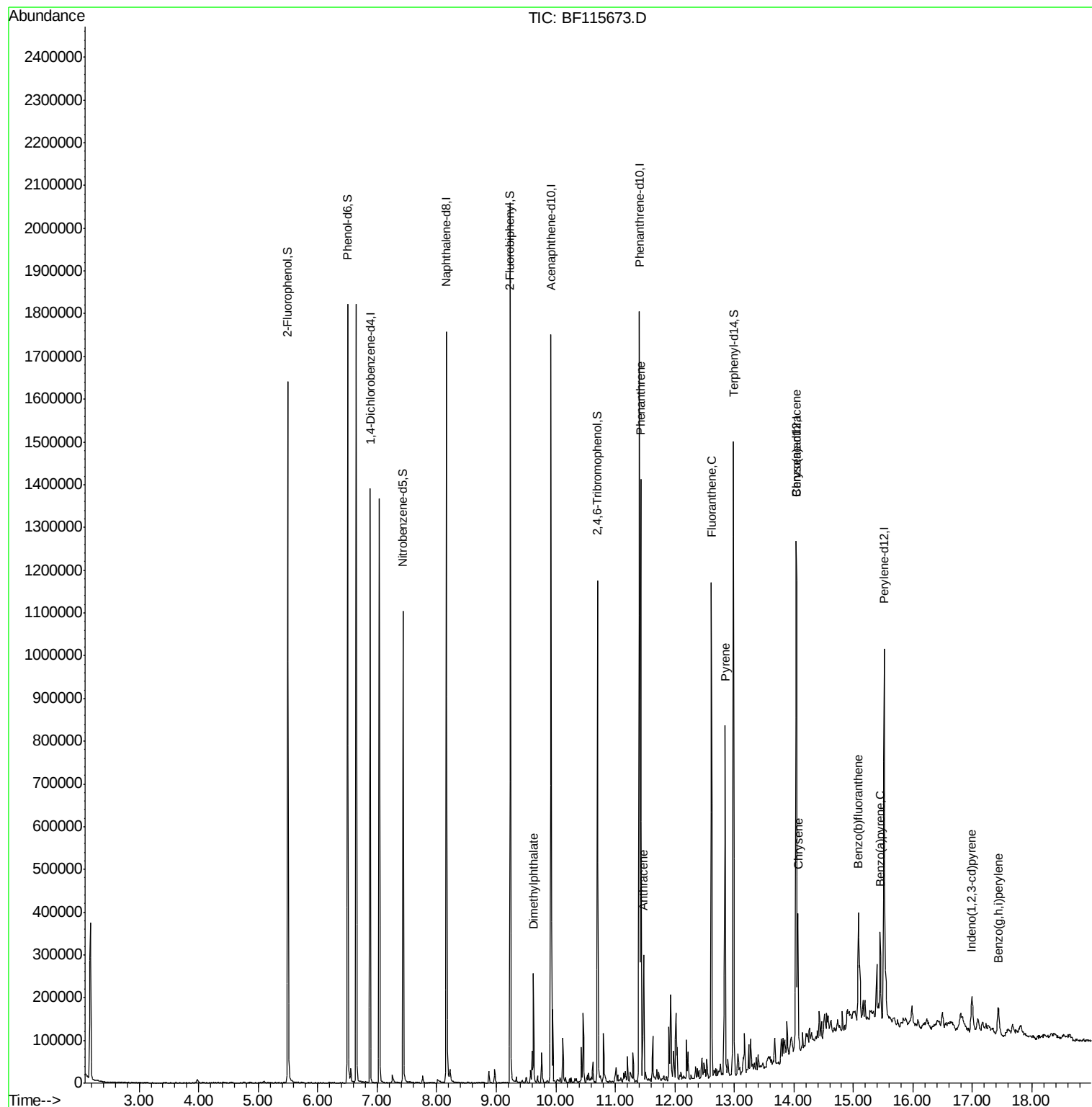
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115673.D
Acq On : 19 Jul 2019 13:27
Operator : HP/JU
Sample : K3874-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

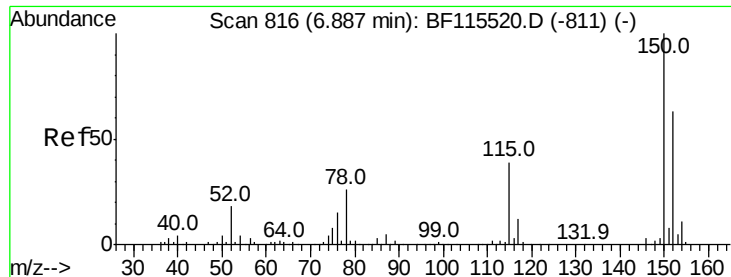
Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

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Quant Time: Jul 19 15:24:47 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

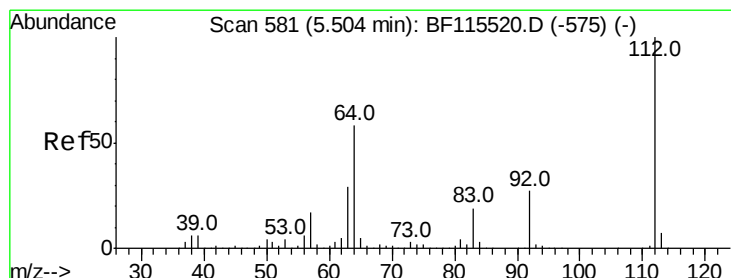
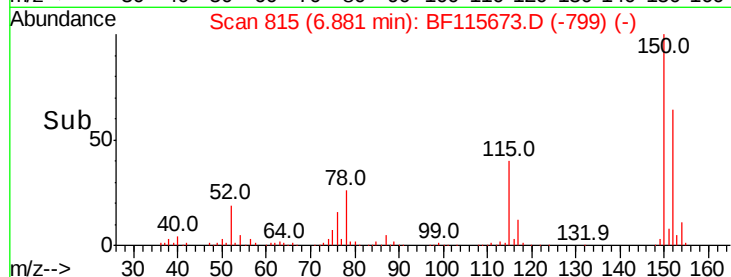
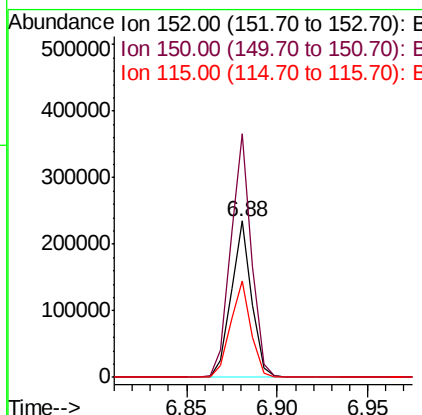
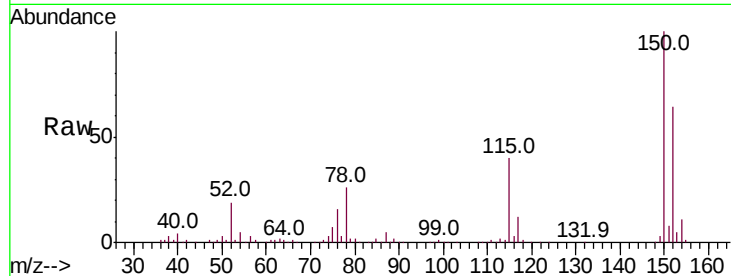
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	129.7	194.5
115	61.8	48.2	72.4

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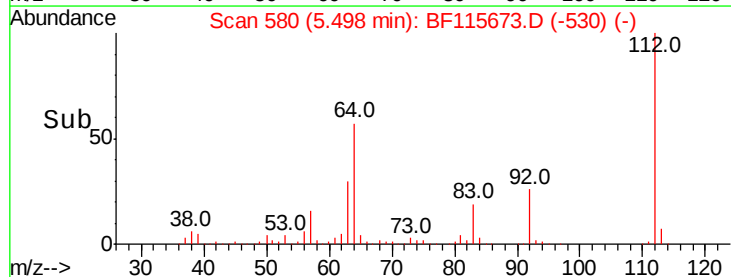
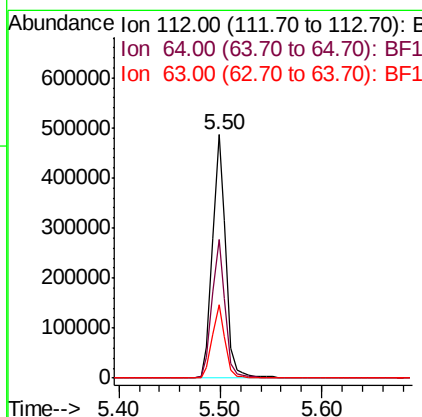
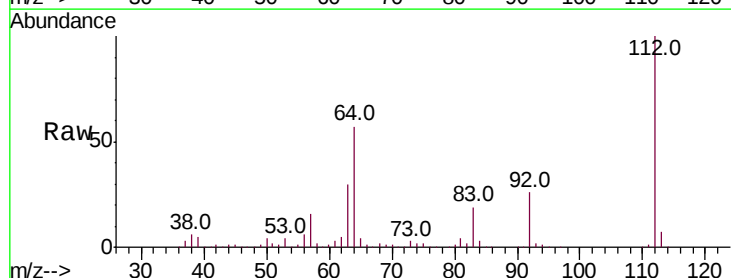
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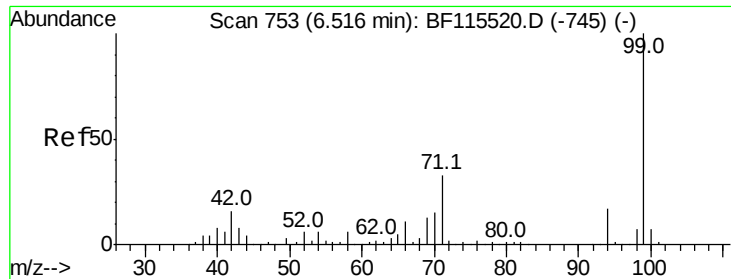


#5

2-Fluorophenol
Concen: 39.662 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.8	70.2
63	29.9	24.1	36.1





#7

Phenol-d6

Concen: 41.984 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115673.D

Acq: 19 Jul 2019 13:27

Instrument :

BNA_F

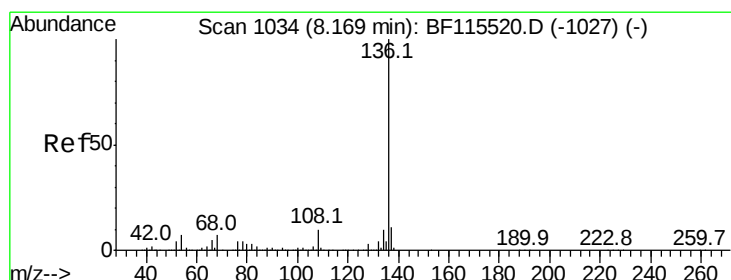
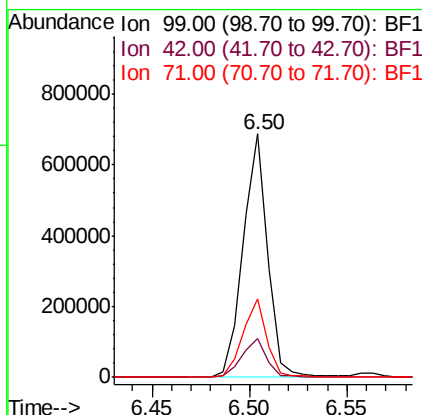
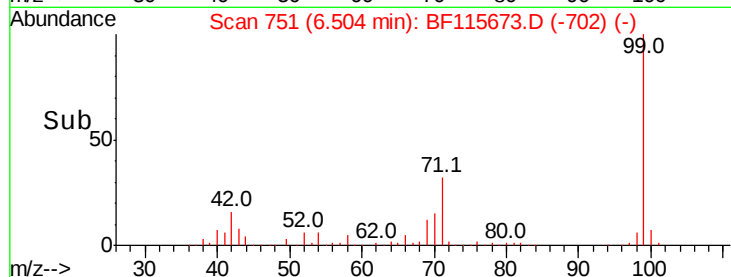
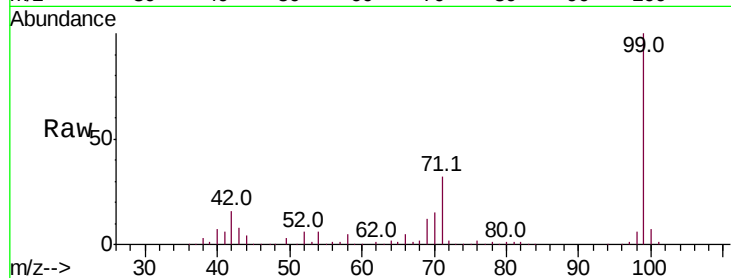
ClientSampleId :

HJDC-GRABA

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		600204		
42	16.1	13.6	20.4		
71	32.5	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

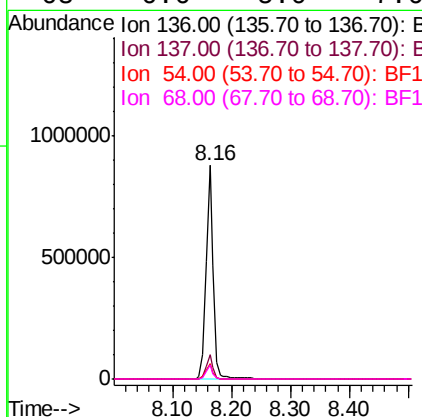
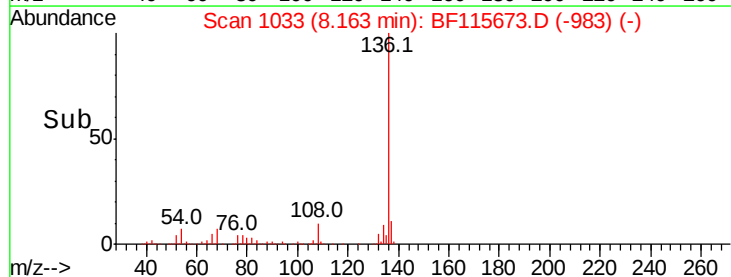
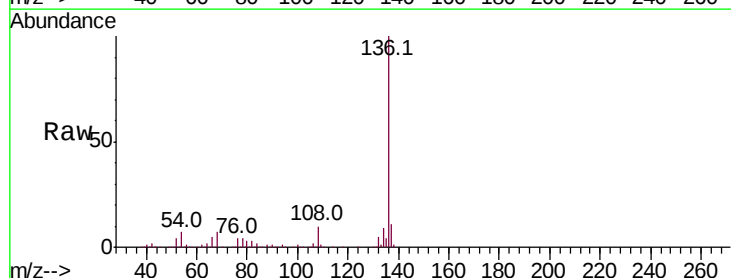
RT: 8.16 min Scan# 1033

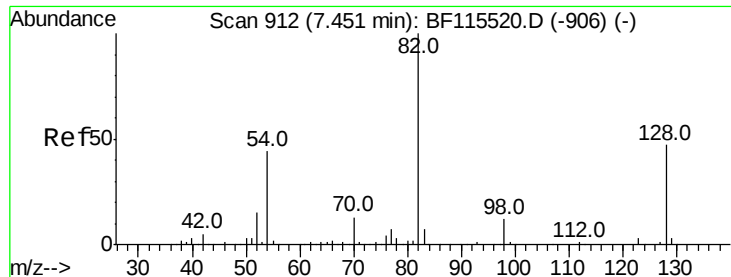
Delta R.T. -0.01 min

Lab File: BF115673.D

Acq: 19 Jul 2019 13:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		744319		
137	11.2	9.0	13.4		
54	7.1	5.6	8.4		
68	6.6	5.0	7.6		





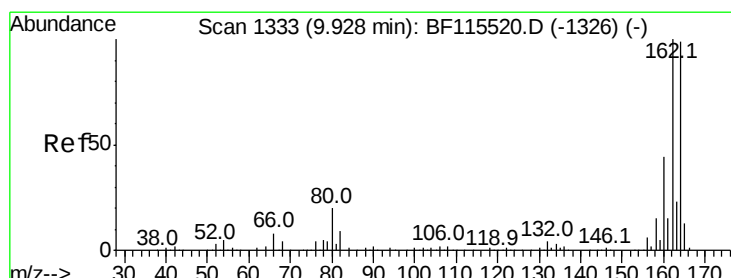
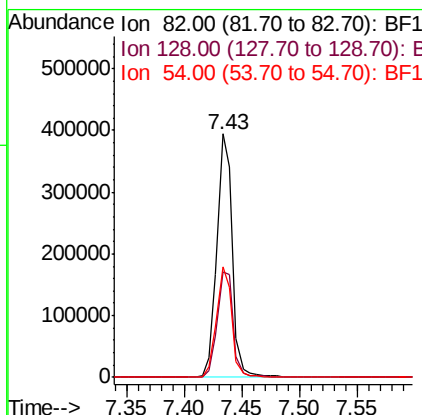
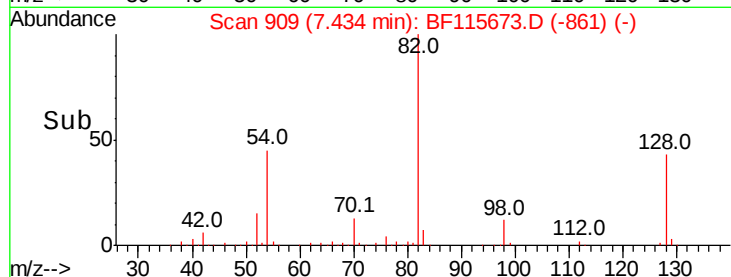
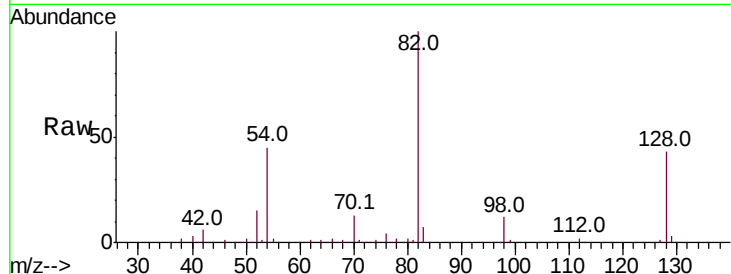
#23
Nitrobenzene-d5
Concen: 28.780 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Instrument :
BNA_F
ClientSampled :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	38.6	57.8
54	45.2	35.6	53.4

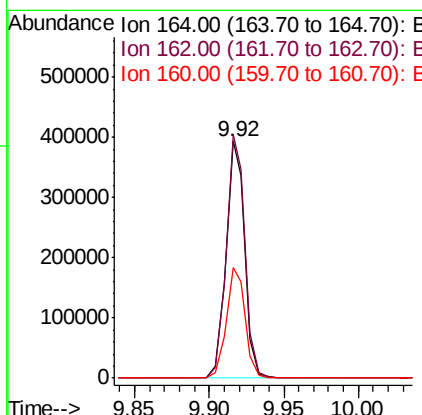
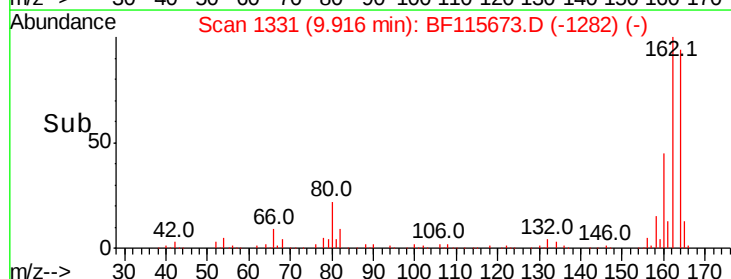
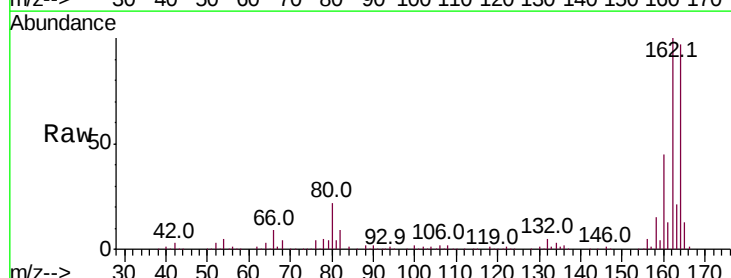
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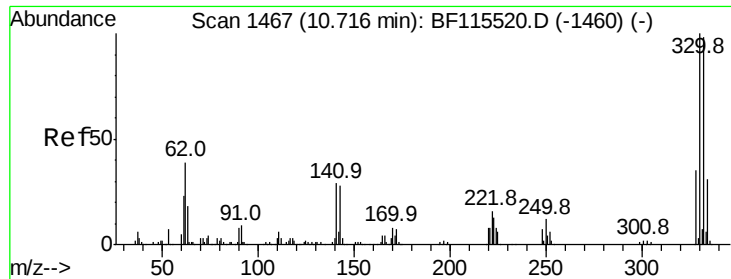
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.9	124.3
160	46.5	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 34.639 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115673.D

Acq: 19 Jul 2019 13:27

Instrument :

BNA_F

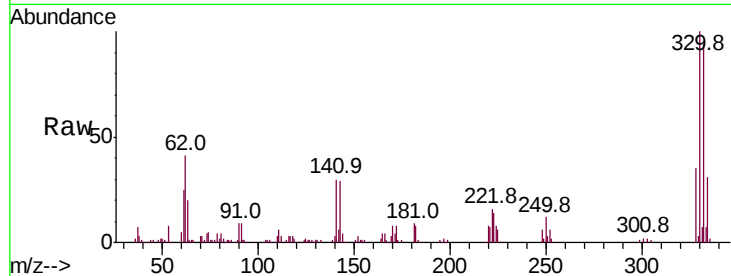
ClientSampleId :

HJDC-GRABA

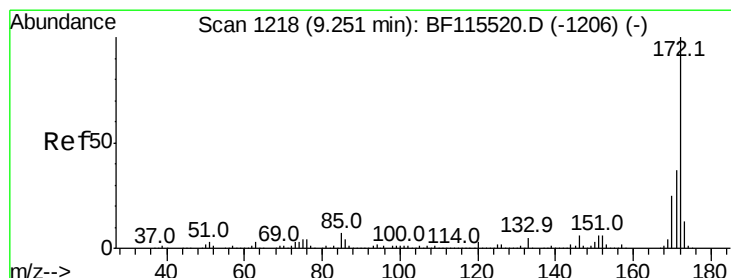
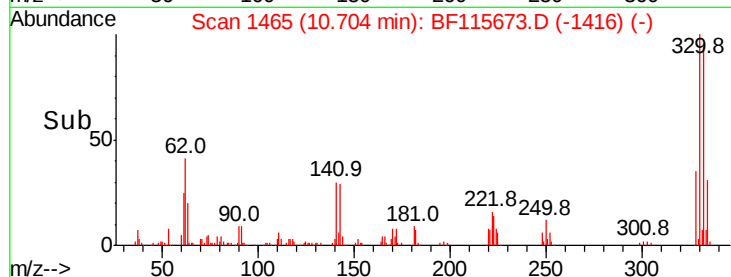
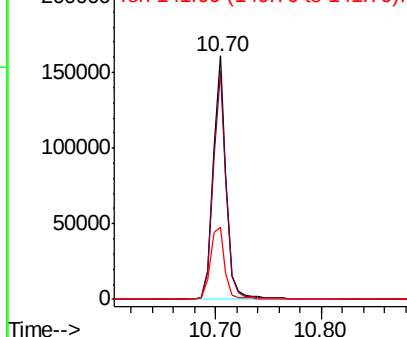
Tot Ion:	330	Resp:	140325
Ion Ratio	Lower	Upper	
330	100		
332	94.6	77.4	116.2
141	33.2	22.4	33.6

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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: 31.453 ng

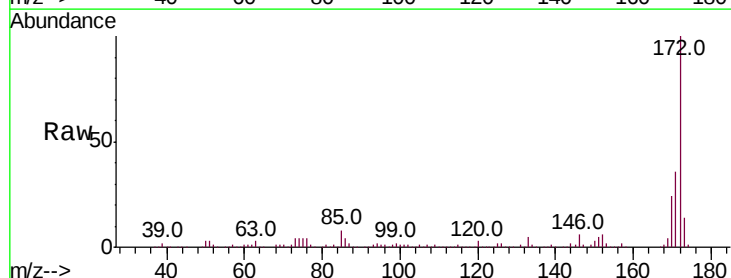
RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

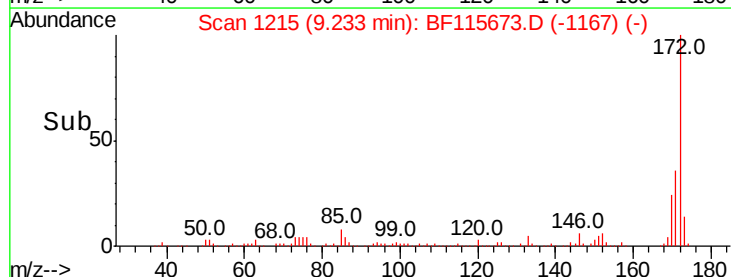
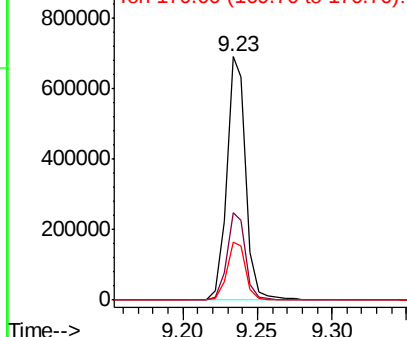
Lab File: BF115673.D

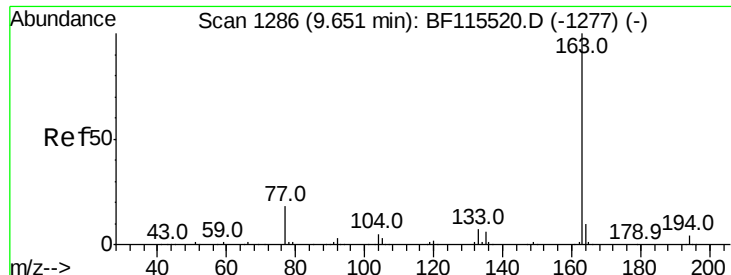
Acq: 19 Jul 2019 13:27

Tgt Ion:	172	Resp:	623667
Ion Ratio	Lower	Upper	
172	100		
171	35.8	30.6	46.0
170	23.9	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





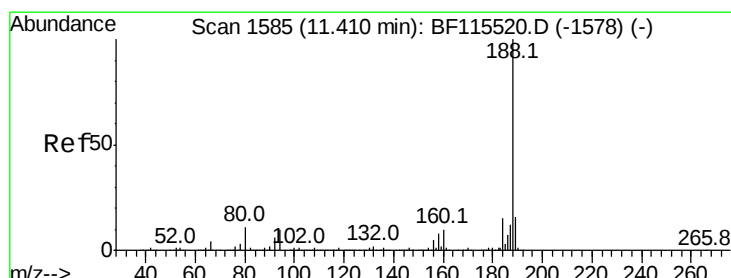
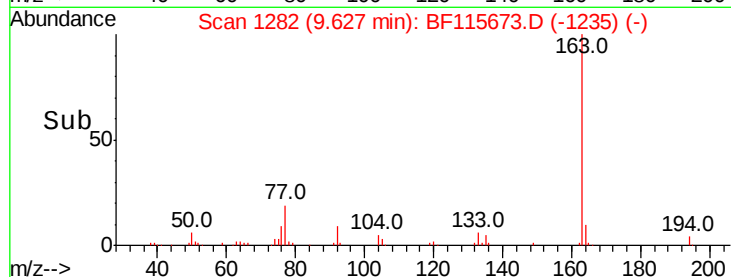
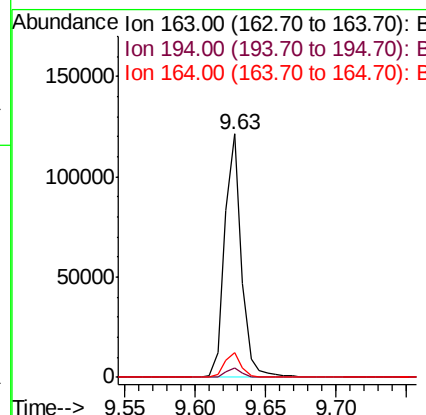
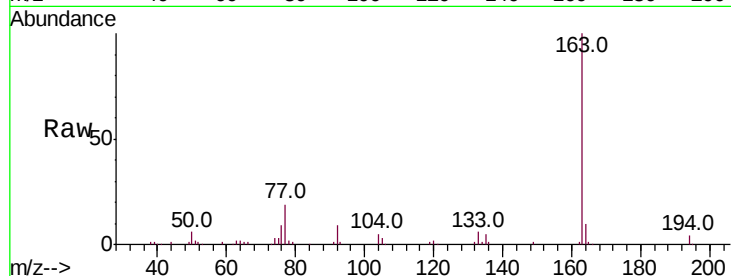
#50
Dimethylphthalate
Concen: 3.819 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9		3.3	4.9
164	10.1		8.7	13.1

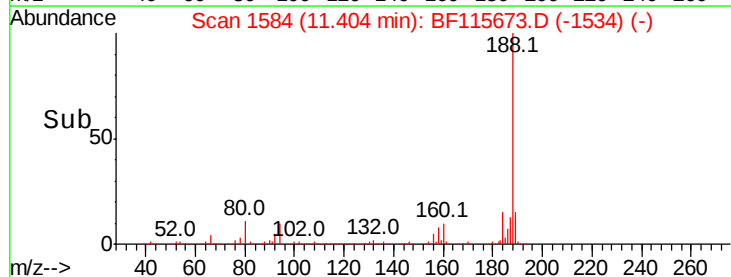
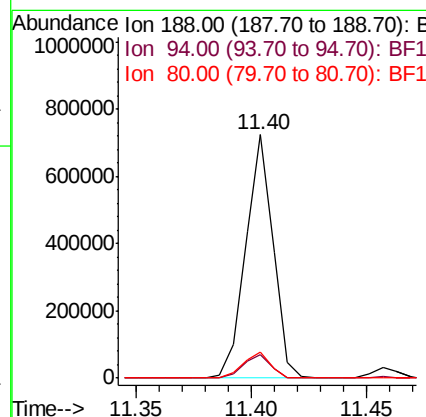
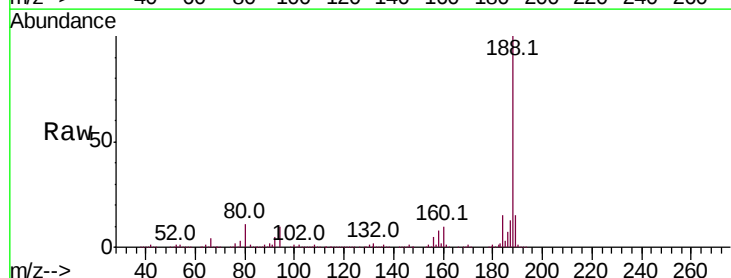
Manual Integrations
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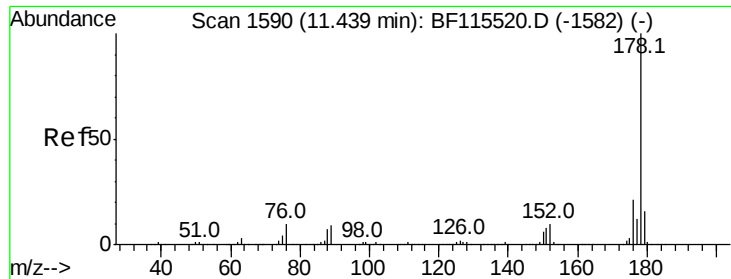
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8		7.8	11.6
80	10.5		8.6	13.0





#71

Phenanthrene

Concen: 15.190 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF115673.D

Acq: 19 Jul 2019 13:27

Instrument :

BNA_F

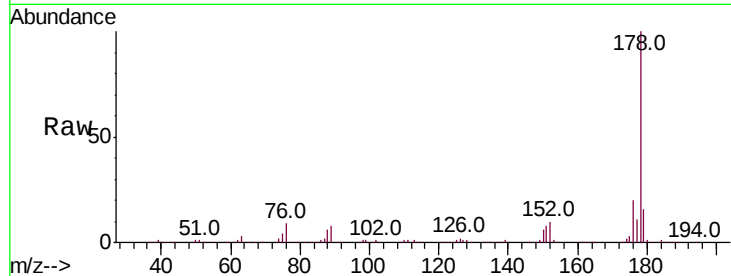
ClientSampleId :

HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.2	25.8
179	15.5	13.5	20.3

Manual Integrations
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7/22/2019 10:01:27 AM

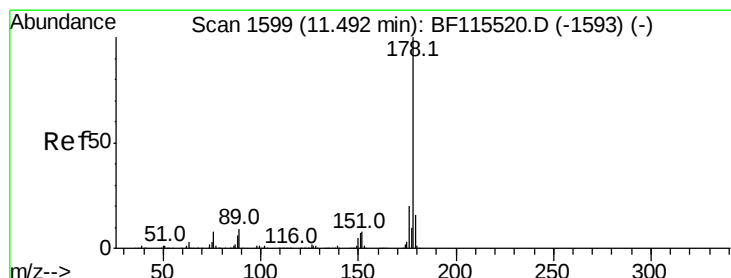
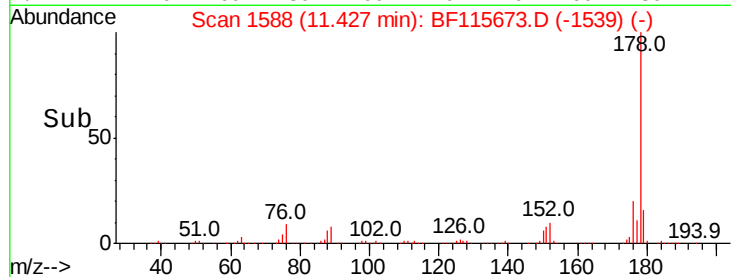
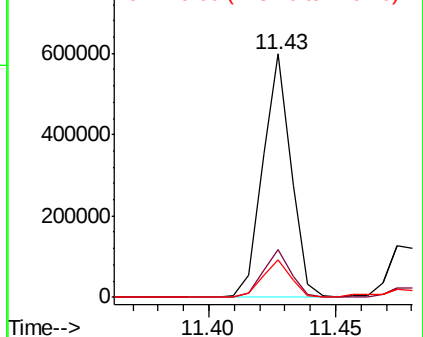


Abundance

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



#72

Anthracene

Concen: 3.600 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115673.D

Acq: 19 Jul 2019 13:27

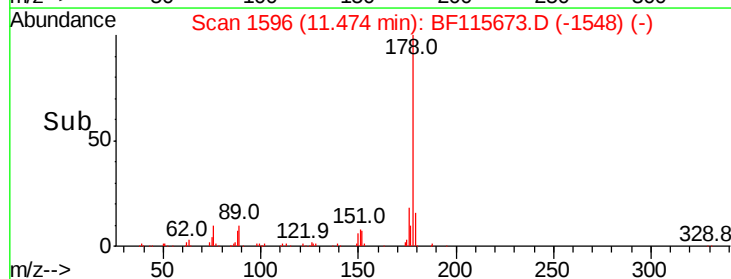
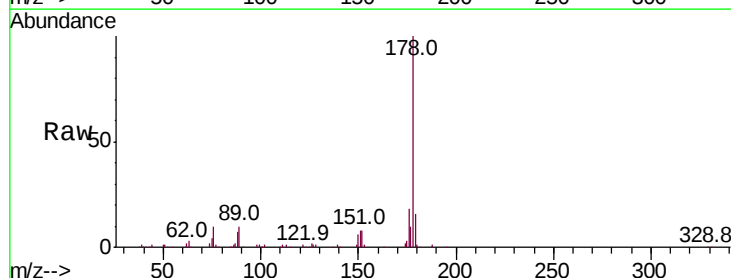
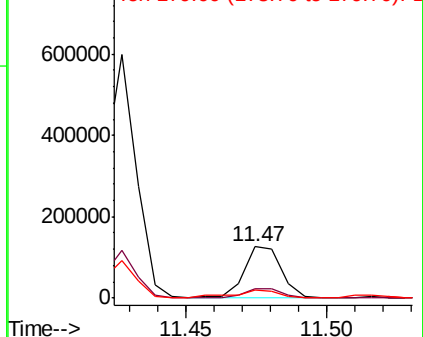
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	15.6	12.7	19.1

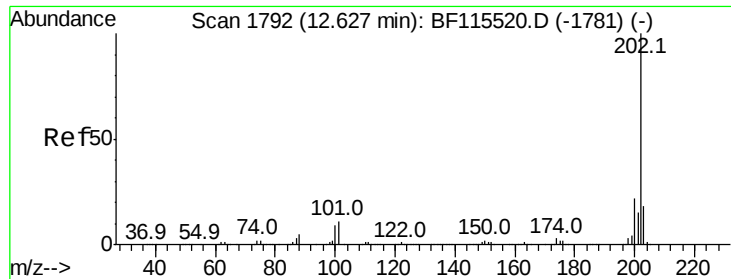
Abundance

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





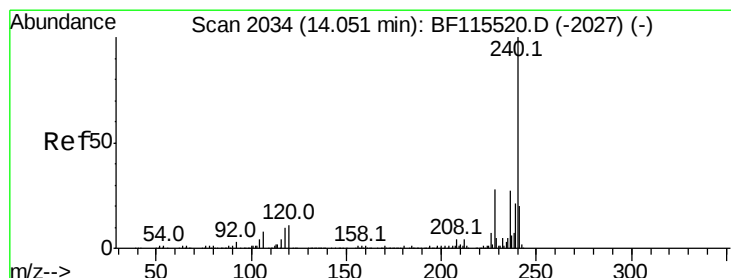
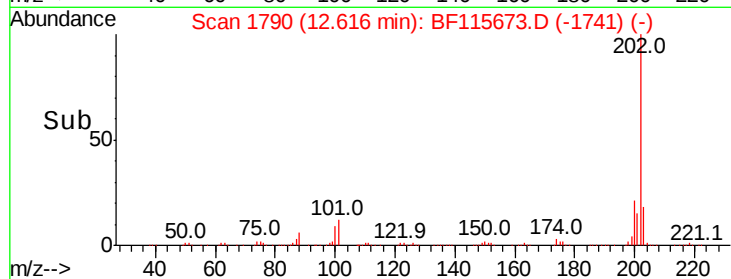
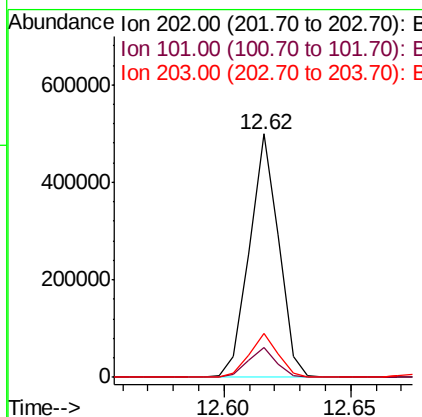
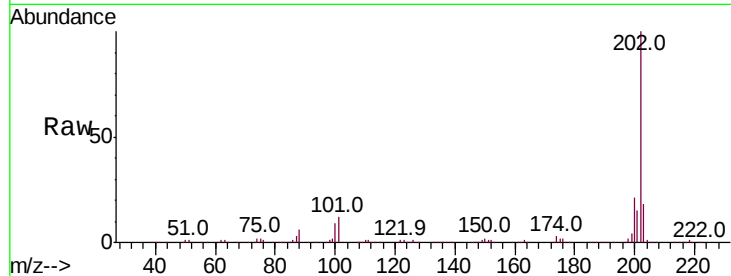
#75
 Fluoranthene
 Concen: 12.365 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115673.D
 Acq: 19 Jul 2019 13:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABA

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	31.4
203	17.9	0.0	38.1

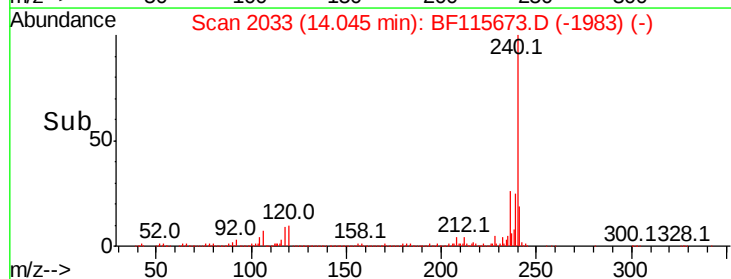
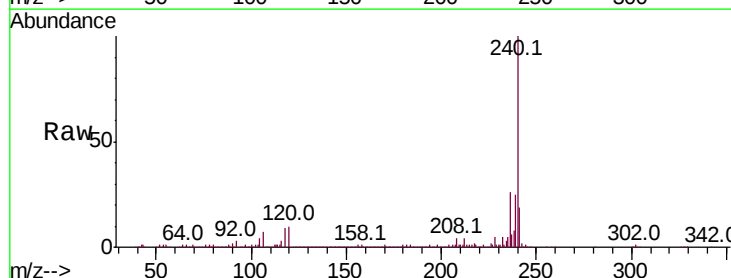
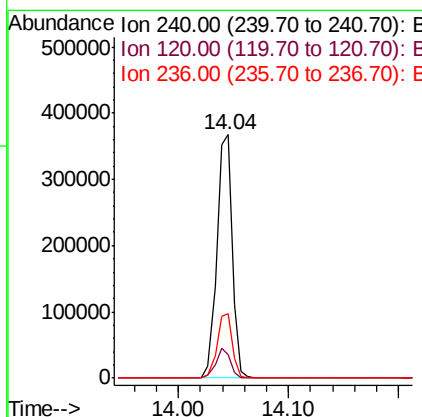
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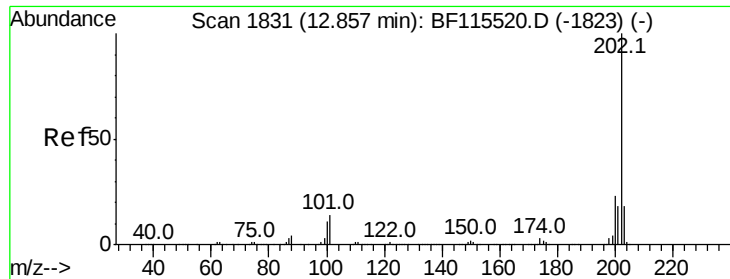
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115673.D
 Acq: 19 Jul 2019 13:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	8.6	13.0
236	26.4	21.3	31.9





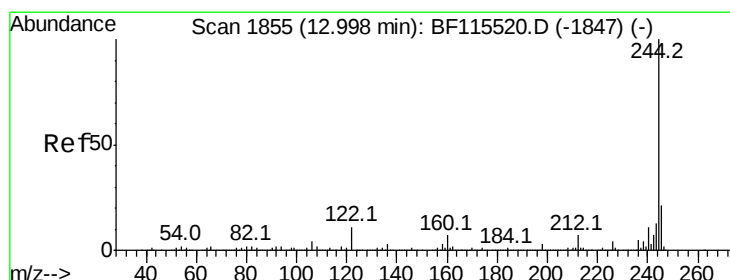
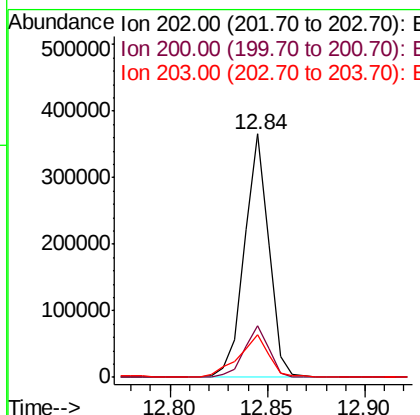
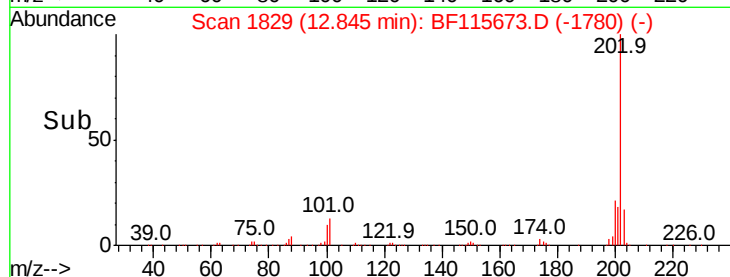
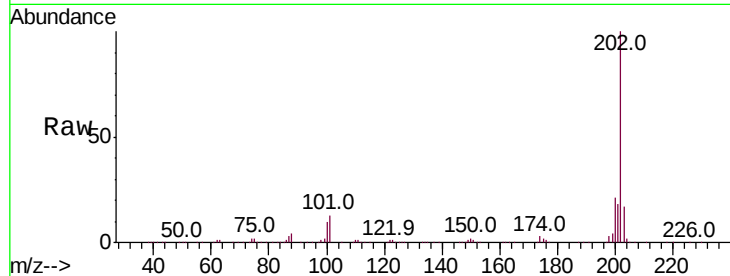
#78
Pvrene
Concen: 10.538 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.7	28.1
203	17.3	15.2	22.8

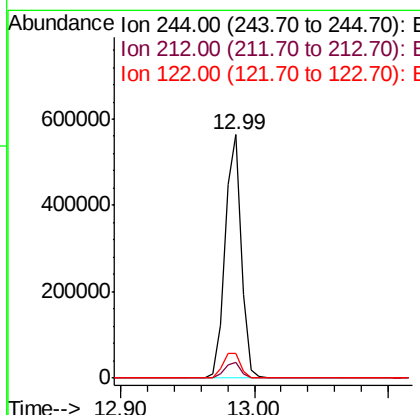
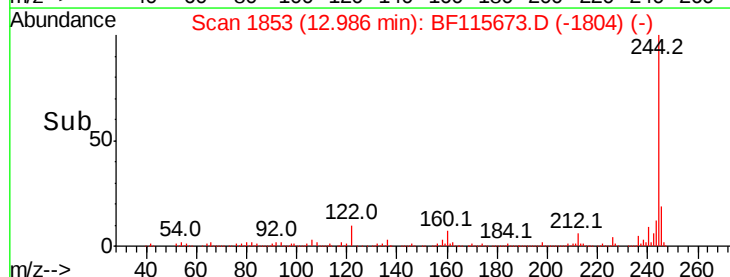
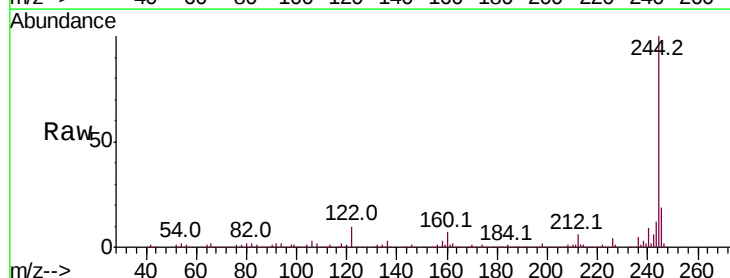
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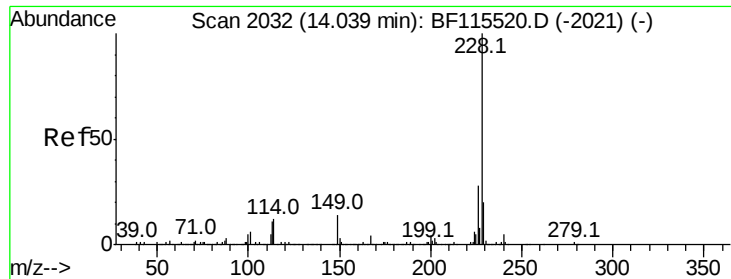
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#79
Terphenyl-d14
Concen: 24.967 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	10.3	8.6	12.8





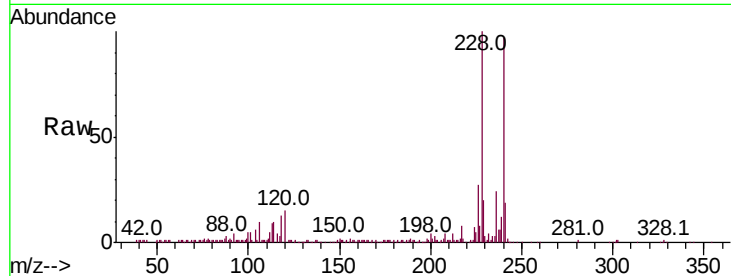
#81
Benzo(a)anthracene
Concen: 5.926 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

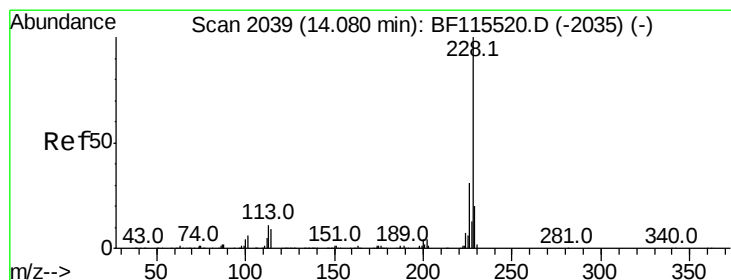
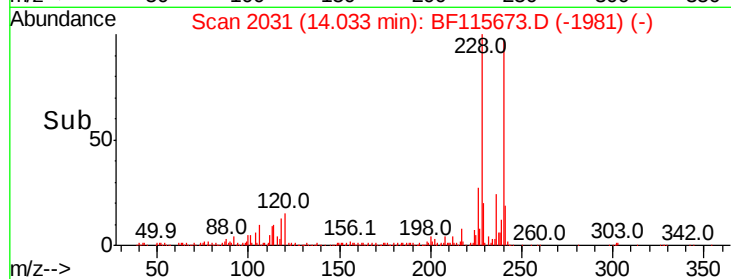
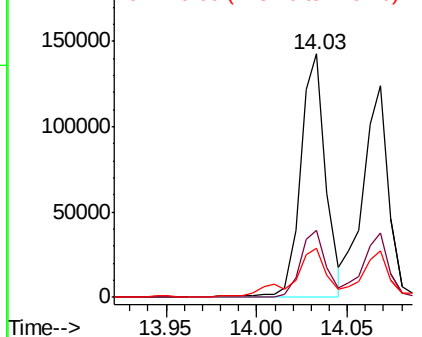
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.4	35.0
229	20.3	17.2	25.8

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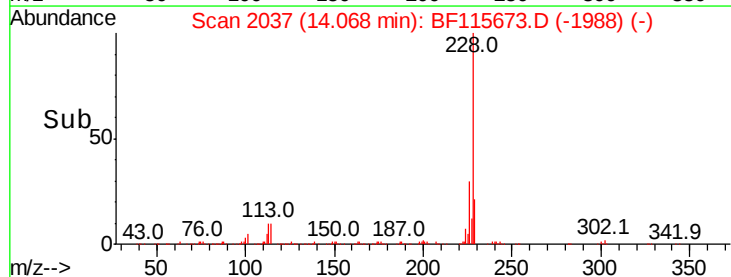
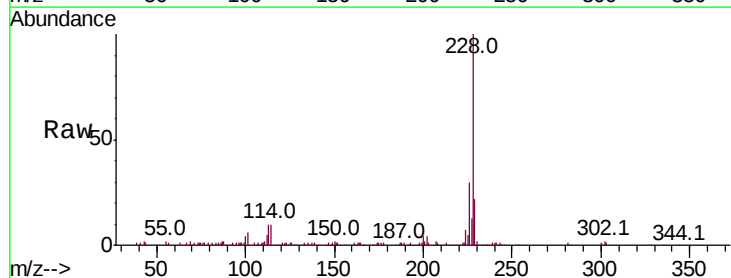
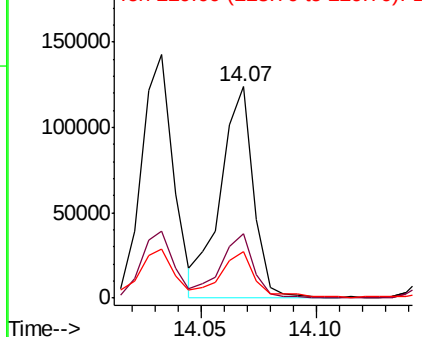
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

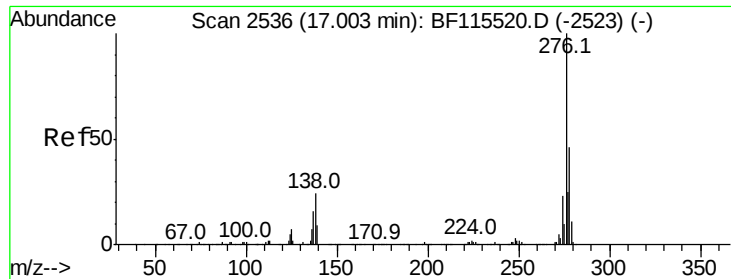


#83
Chrysene
Concen: 5.203 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	21.8	16.6	25.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





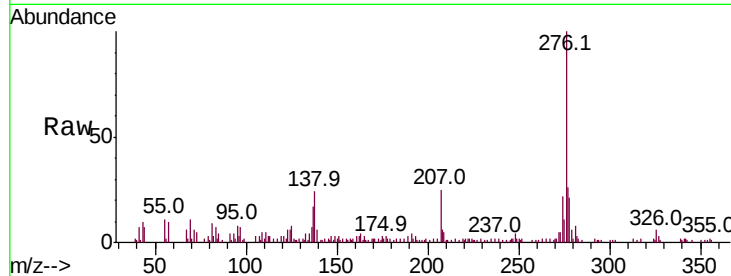
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.724 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BF115673.D
 Acq: 19 Jul 2019 13:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABA

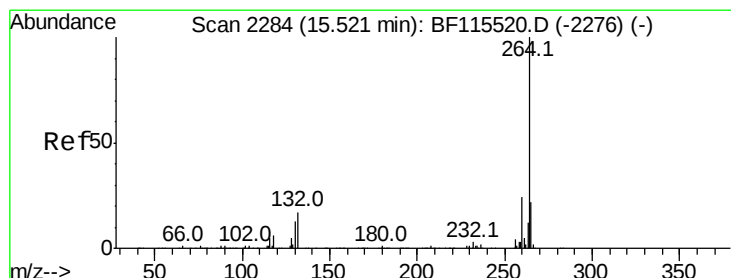
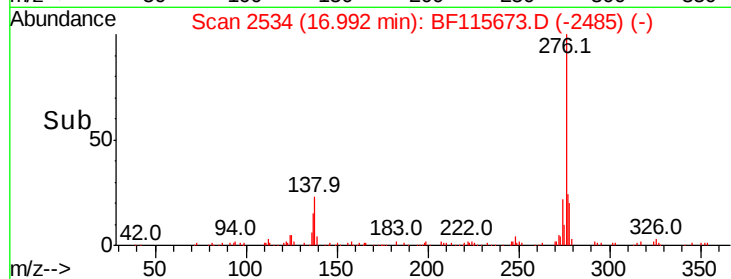
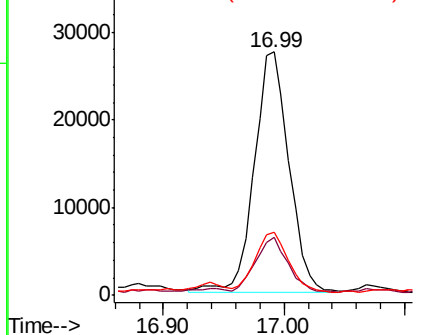
Tot Ion:	276	Resp:	54556
Ion Ratio	Lower	Upper	
276	100		
138	21.0	20.2	30.2
277	24.1	20.4	30.6

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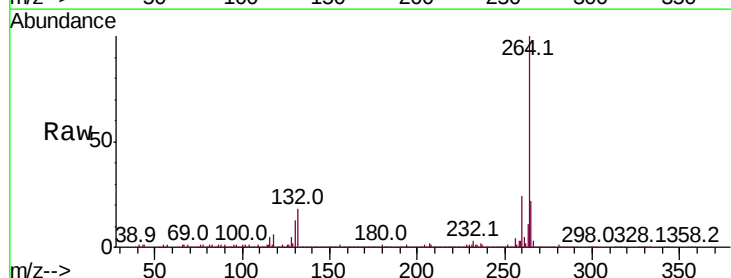


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

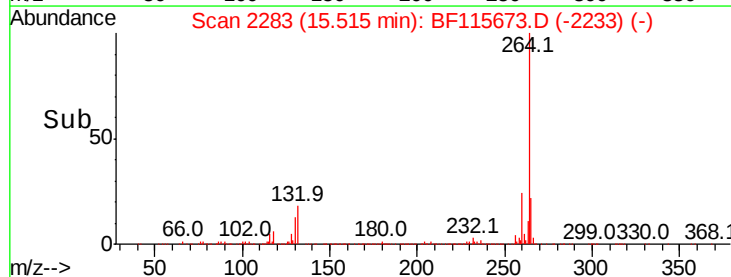
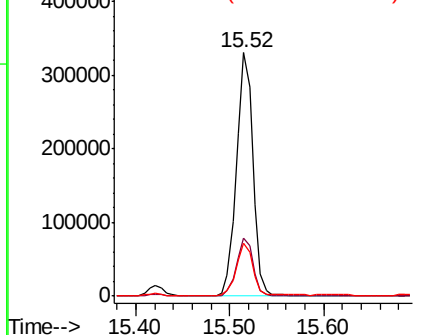


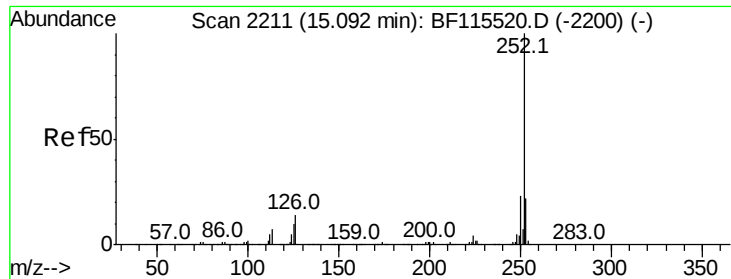
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115673.D
 Acq: 19 Jul 2019 13:27

Tgt Ion:	264	Resp:	405916
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.8	29.8
265	21.8	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





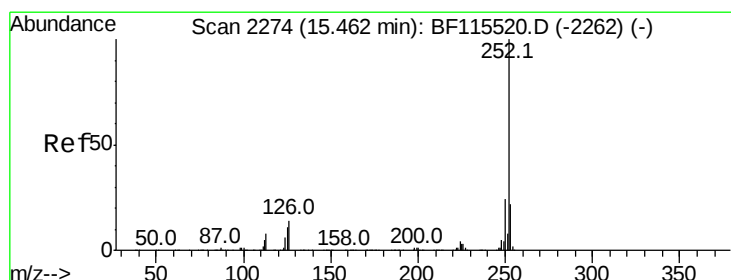
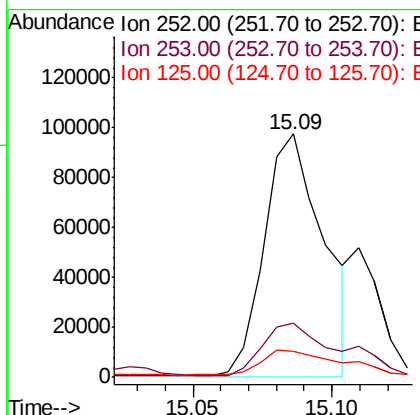
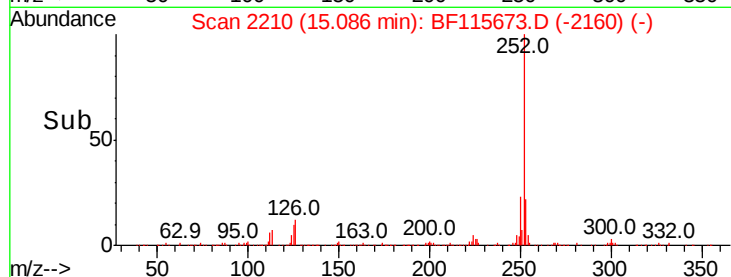
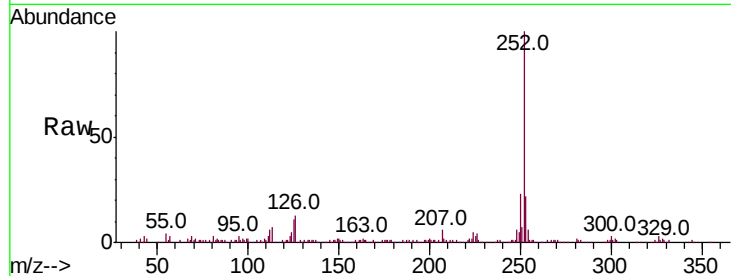
#88
Benzo(b)fluoranthene
Concen: 5.581 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.9	9.0	13.4

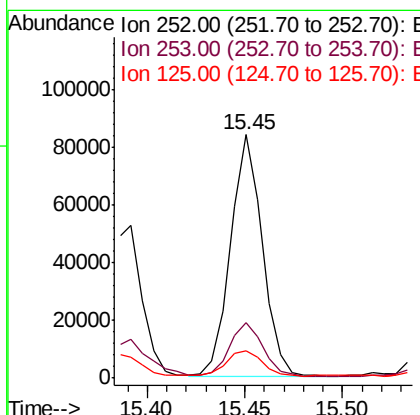
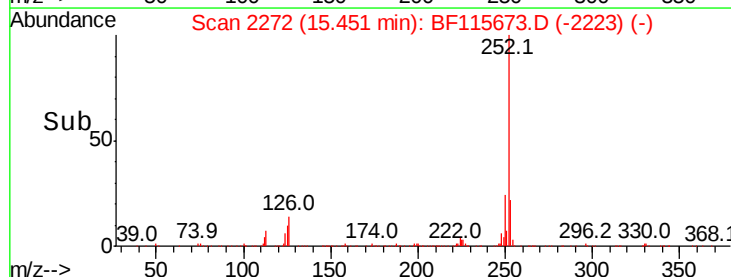
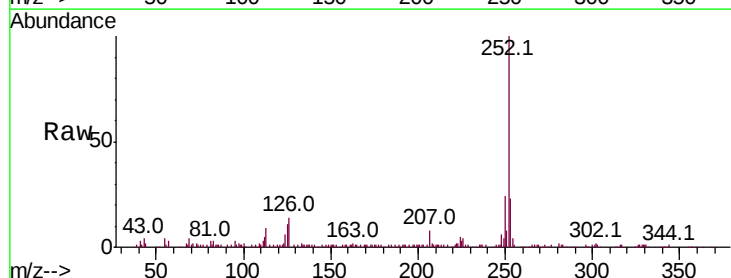
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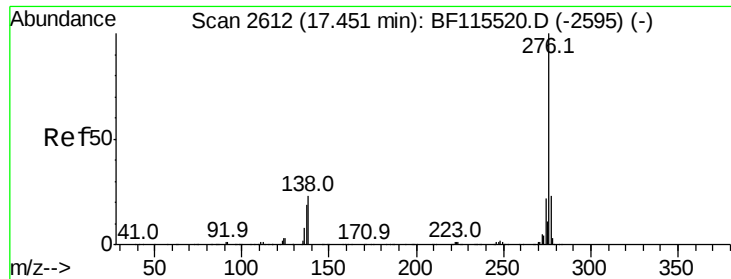
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#90
Benzo(a)pyrene
Concen: 4.255 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115673.D
Acq: 19 Jul 2019 13:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	11.3	9.1	13.7





#92
 Benzo(a,h,i)perylene
 Concen: 2.523 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF115673.D
 Acq: 19 Jul 2019 13:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABA

Tot Ion:	276	Resp:	49629
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.0	28.4
138	21.0	17.2	25.8

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