

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115674.D
 Acq On : 19 Jul 2019 13:54
 Operator : HP/JU
 Sample : K3874-05 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABE

Manual Integrations
 APPROVED

mohammad
 7/22/2019 10:01:30 AM

Quant Time: Jul 19 15:29:42 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	210142	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	818165	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	365731	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	564510	20.00	ng	0.00
76) Chrysene-d12	14.04	240	381172	20.00	ng	0.00
87) Perylene-d12	15.52	264	371364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	421053	32.77	ng	0.00
7) Phenol-d6	6.50	99	563397	34.56	ng	-0.01
23) Nitrobenzene-d5	7.43	82	348421	24.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	115548	27.07	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	628737	30.09	ng	-0.02
79) Terphenyl-d14	12.99	244	449049	21.74	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	98976	3.597	ng	98
71) Phenanthrene	11.43	178	161110	5.568	ng	94
75) Fluoranthene	12.62	202	282375	9.235	ng	99
78) Pyrene	12.84	202	245708	7.608	ng	96
81) Benzo(a)anthracene	14.03	228	116973	4.658	ng	99
83) Chrysene	14.07	228	132658	5.262	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	59481	2.777	ng	94
88) Benzo(b)fluoranthene	15.09	252	173118m	7.240	ng	
89) Benzo(k)fluoranthene	15.12	252	44395m	2.082	ng	
90) Benzo(a)pyrene	15.46	252	95956	4.669	ng	98
92) Benzo(g,h,i)perylene	17.45	276	58586	3.256	ng	98

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

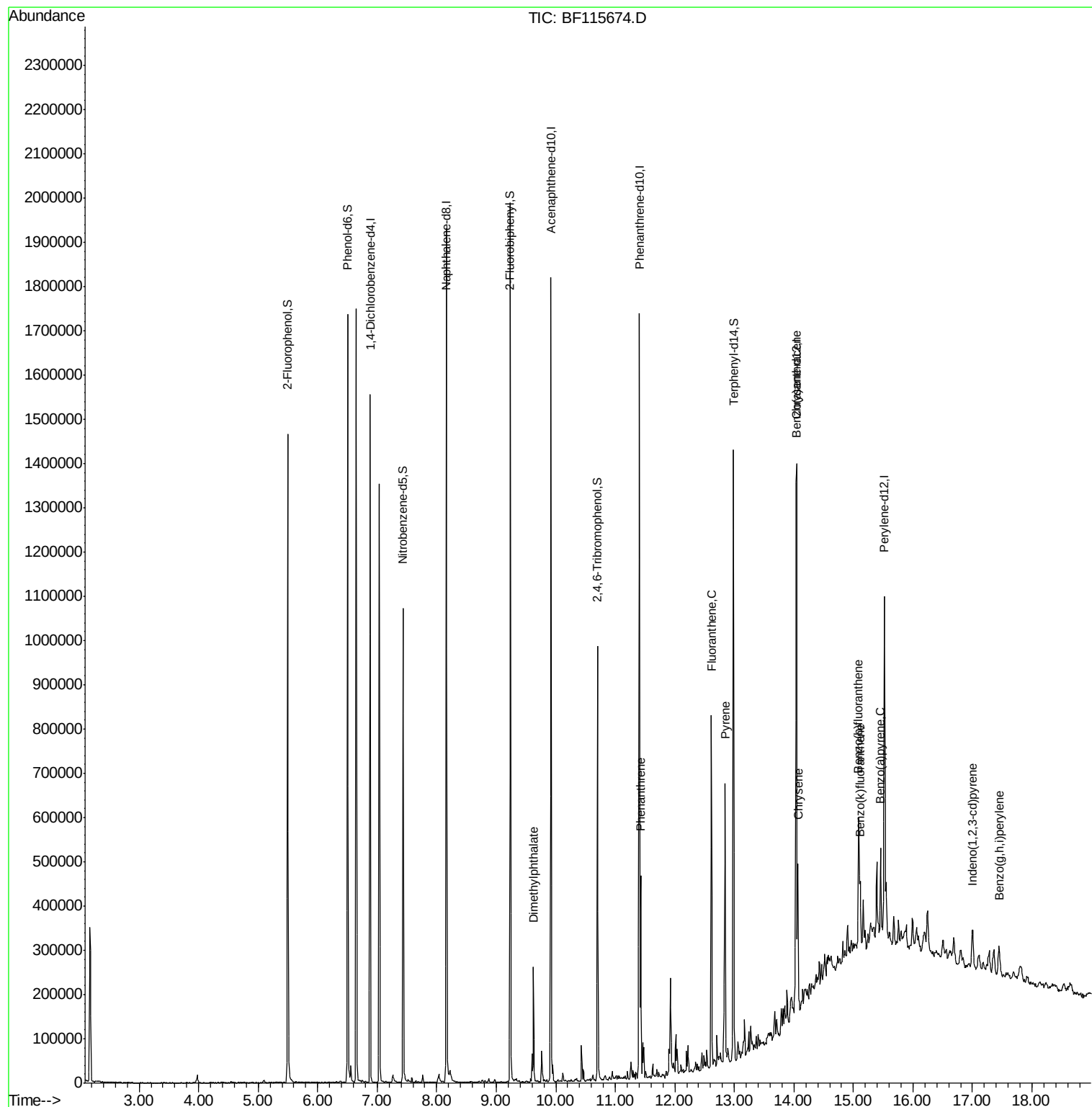
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115674.D
Acq On : 19 Jul 2019 13:54
Operator : HP/JU
Sample : K3874-05 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

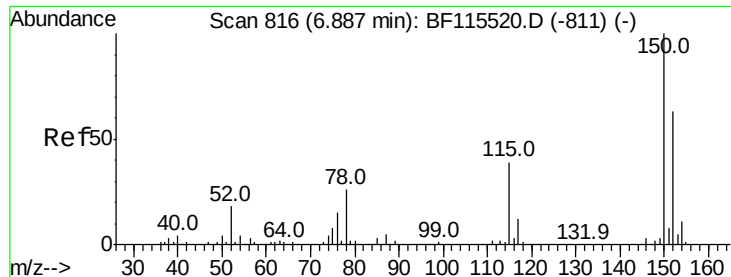
Instrument :
BNA_F
ClientSampleId :
HJDC-GRABE

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Quant Time: Jul 19 15:29:42 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

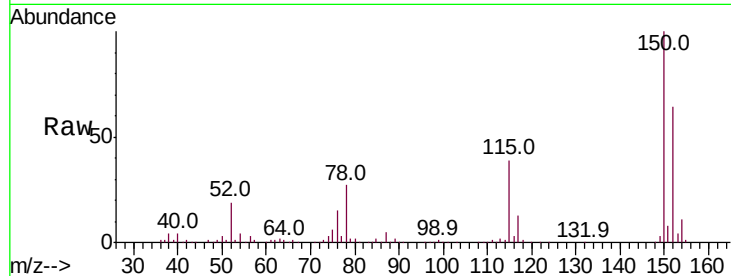
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Instrument :
BNA_F
ClientSampled :
HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	129.7	194.5
115	61.3	48.2	72.4

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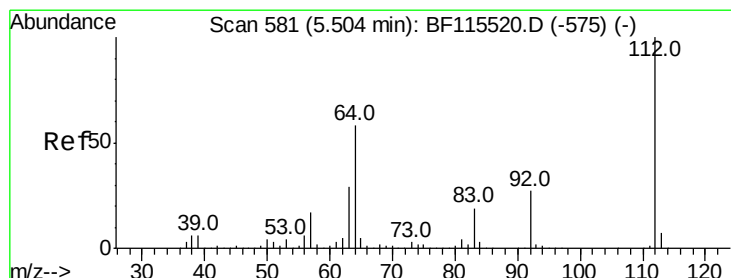
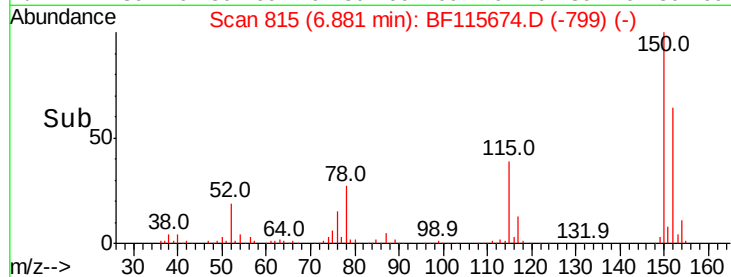
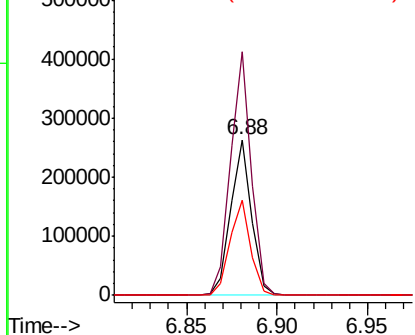


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

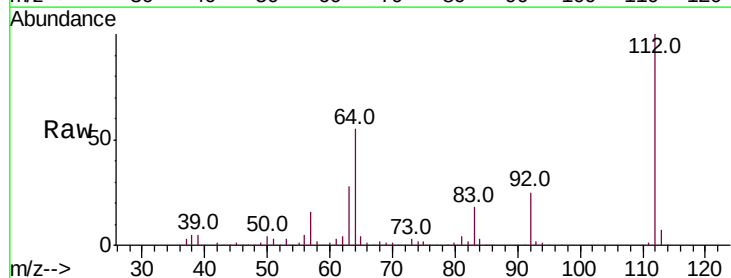
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 32.774 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.8	70.2
63	28.1	24.1	36.1

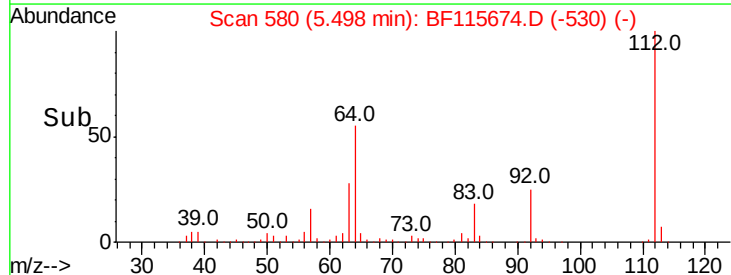
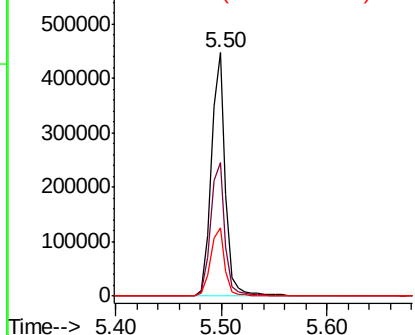


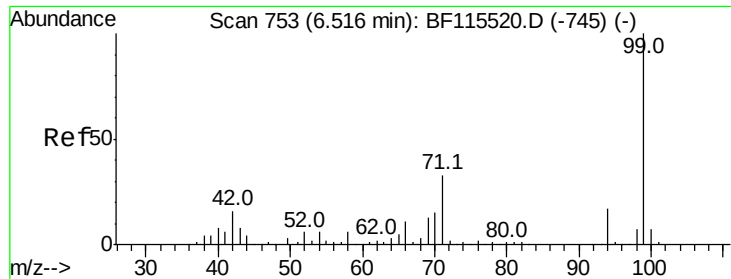
Abundance

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: 34.561 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115674.D

Acq: 19 Jul 2019 13:54

Instrument :

BNA_F

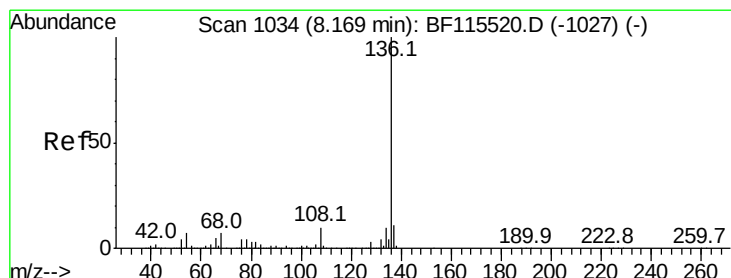
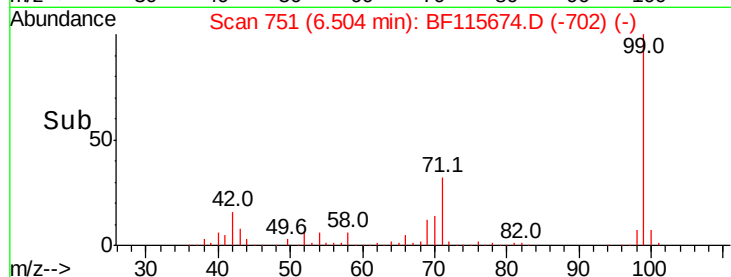
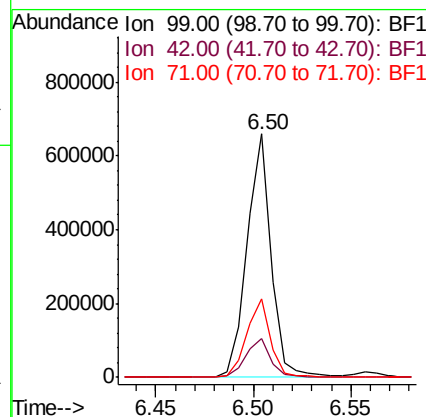
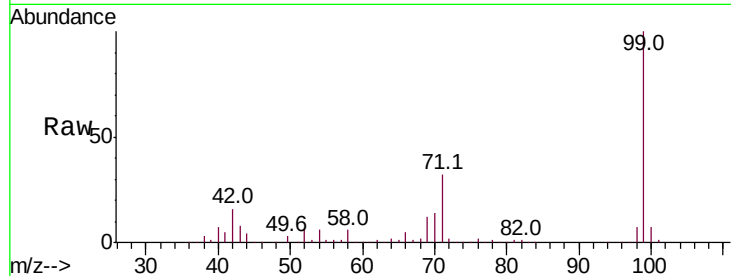
ClientSampleId :

HJDC-GRABE

Tot Ion	Ratio	Resp	Lower	Upper
99	100	563397		
42	15.9	13.6	20.4	
71	32.0	28.5	42.7	

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#21

Naphthalene-d8

Concen: 20.000 ng

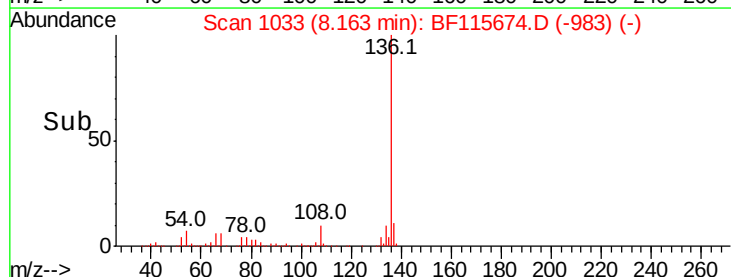
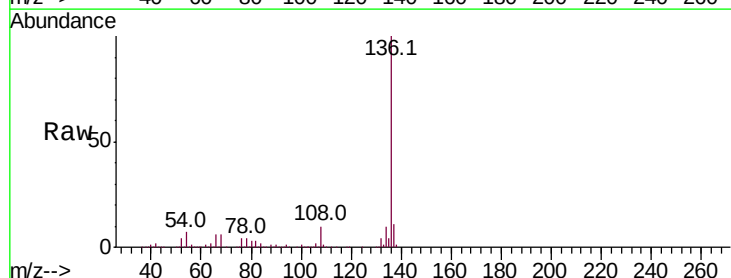
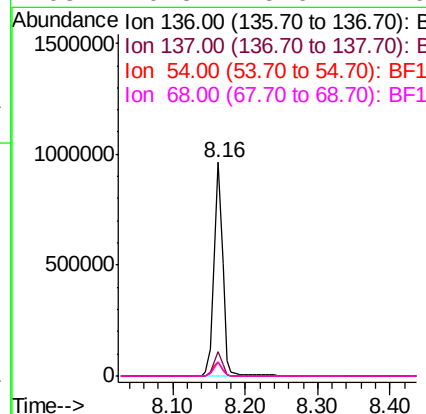
RT: 8.16 min Scan# 1033

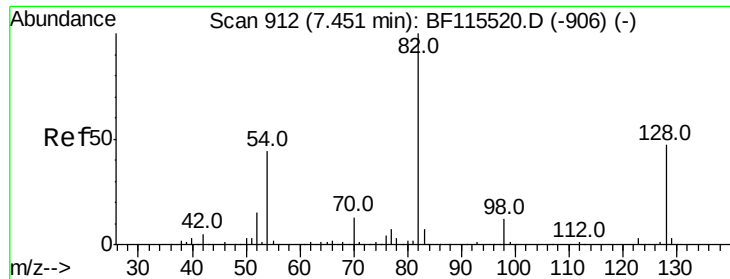
Delta R.T. -0.01 min

Lab File: BF115674.D

Acq: 19 Jul 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	818165		
137	11.2	9.0	13.4	
54	6.9	5.6	8.4	
68	6.3	5.0	7.6	





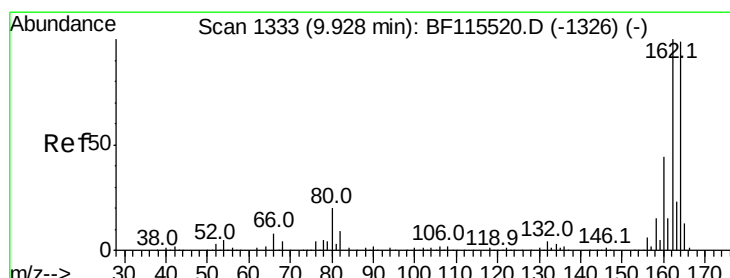
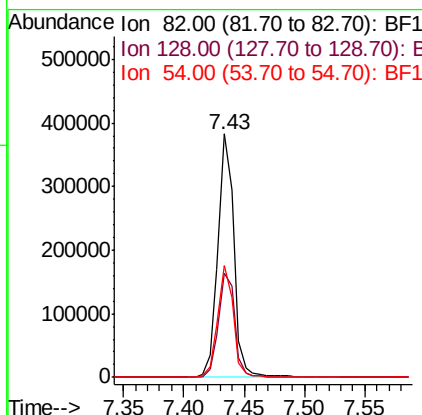
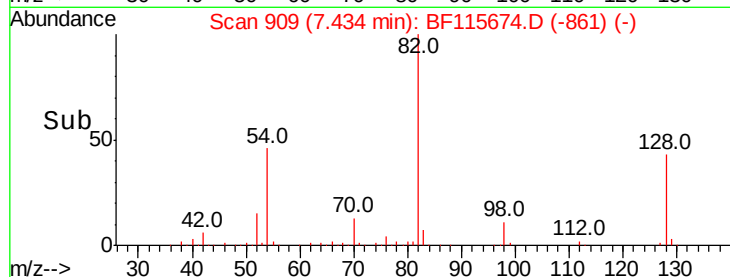
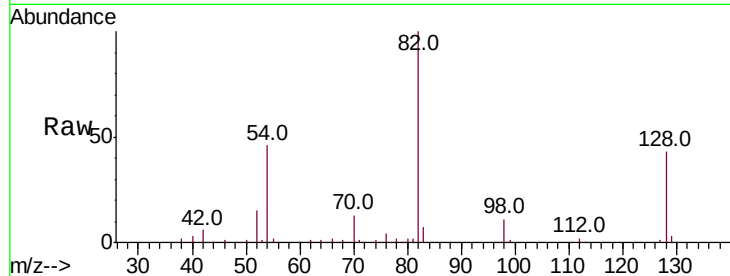
#23
 Nitrobenzene-d5
 Concen: 24.762 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115674.D
 Acq: 19 Jul 2019 13:54

Instrument :
 BNA_F
 ClientSampled :
 HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	38.6	57.8
54	45.7	35.6	53.4

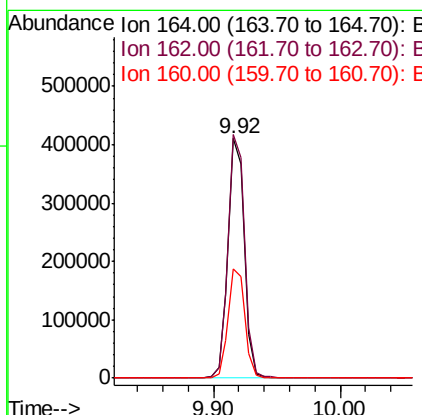
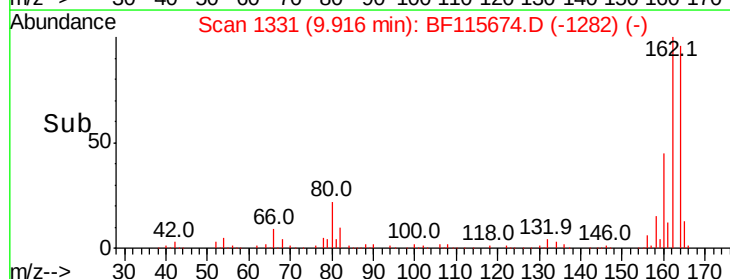
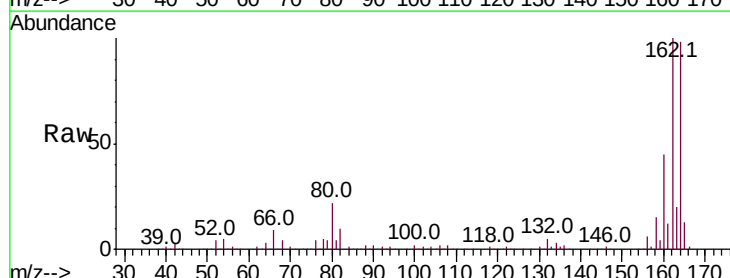
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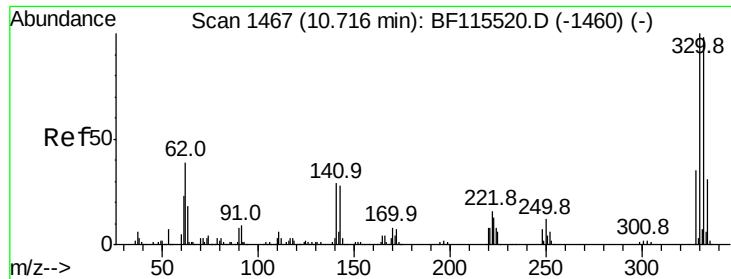
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115674.D
 Acq: 19 Jul 2019 13:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.9	124.3
160	45.9	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 27.067 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115674.D

Acq: 19 Jul 2019 13:54

Instrument :

BNA_F

ClientSampleId :

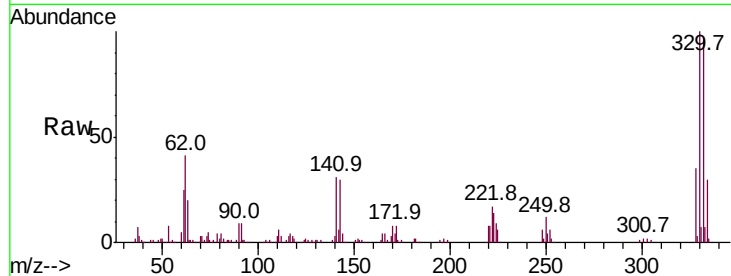
HJDC-GRABE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	115548		
332	96.6	77.4	116.2	
141	34.3	22.4	33.6	

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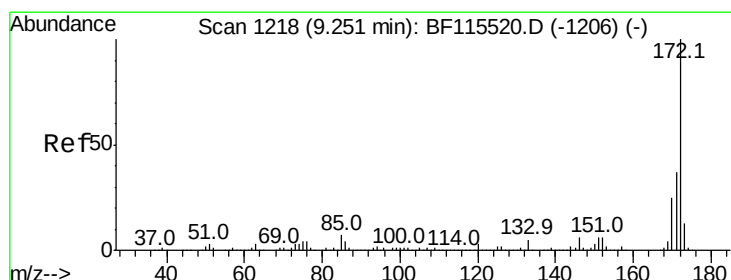
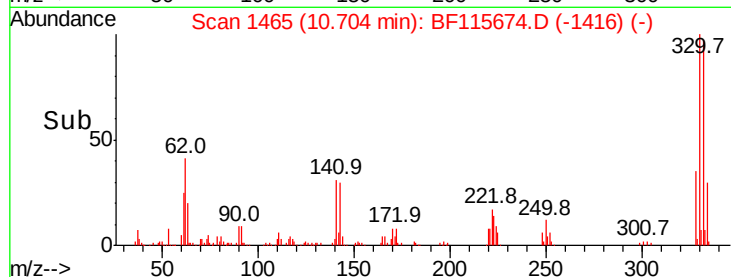
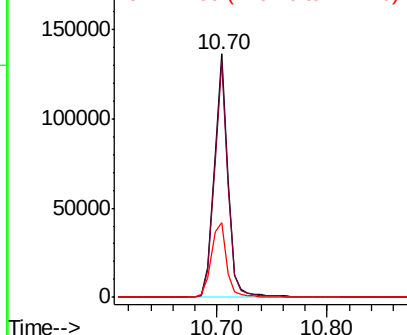


Abundance

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: 30.090 ng

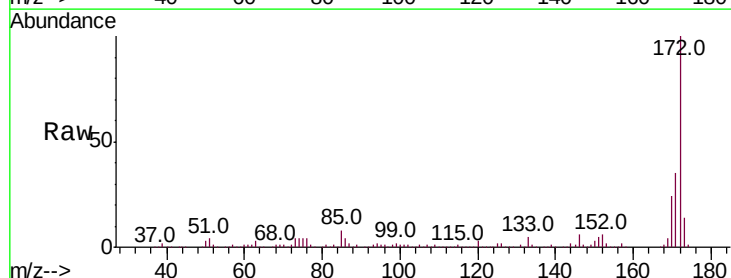
RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF115674.D

Acq: 19 Jul 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	628737		
171	35.3	30.6	46.0	
170	23.9	20.5	30.7	

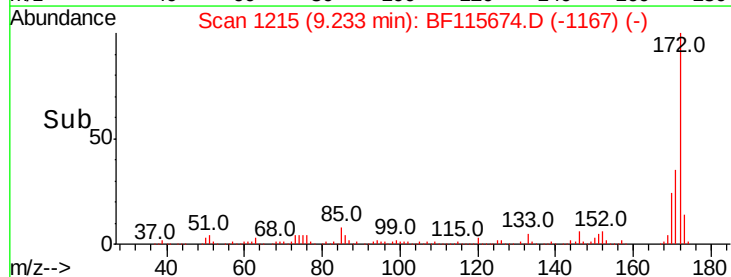
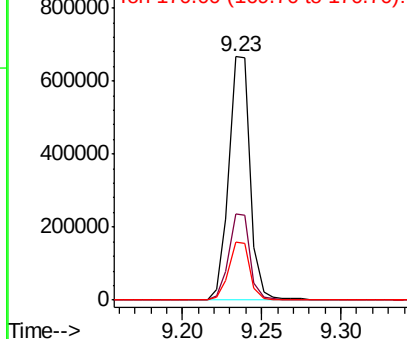


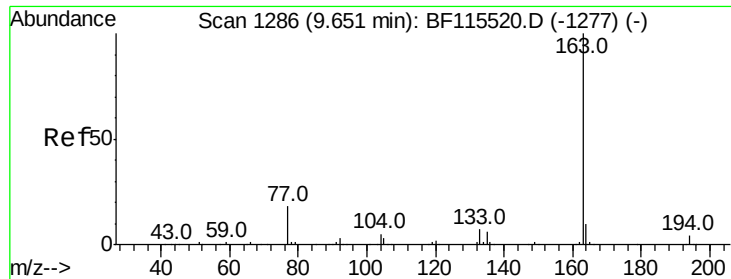
Abundance

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





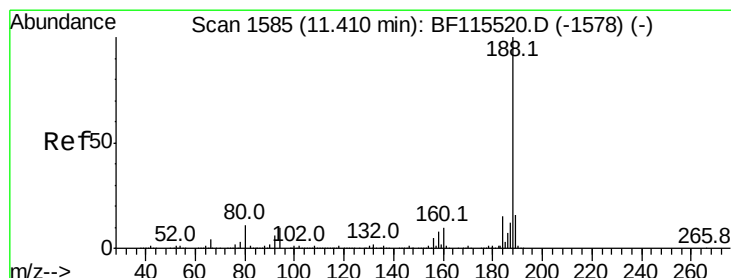
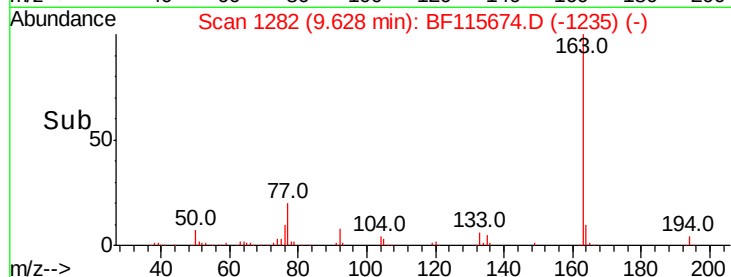
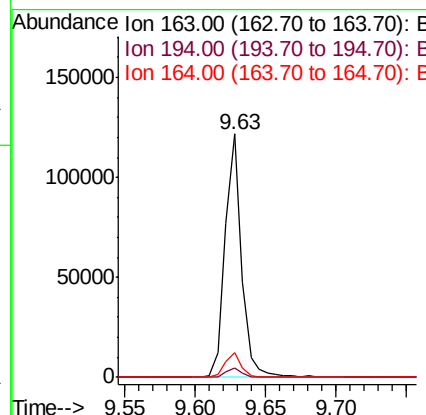
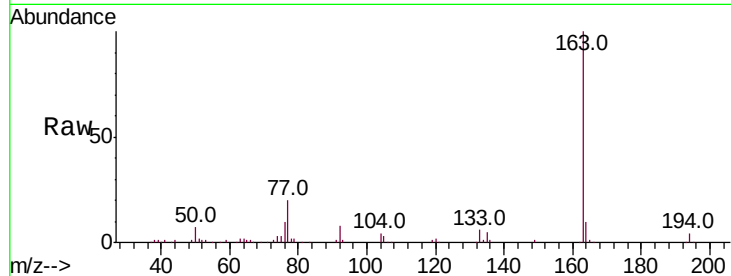
#50
Dimethylphthalate
Concen: 3.597 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.9	8.7	13.1

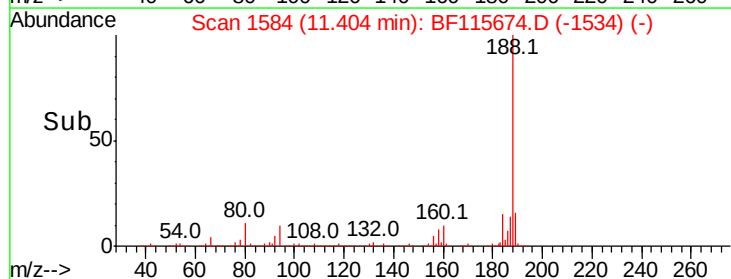
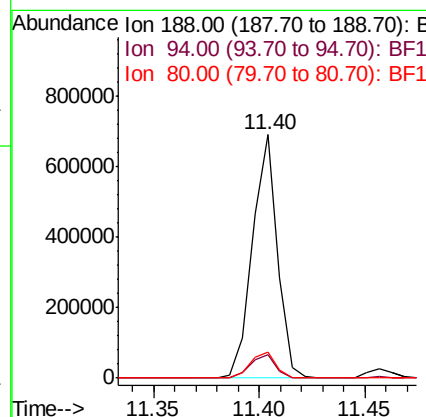
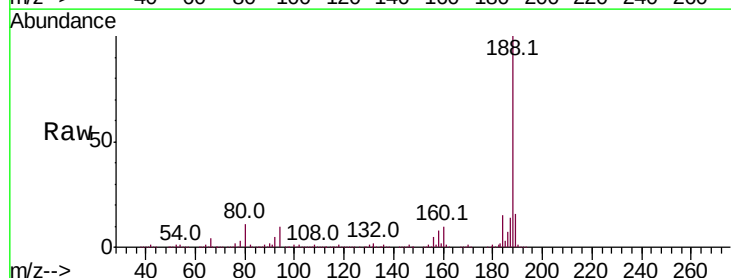
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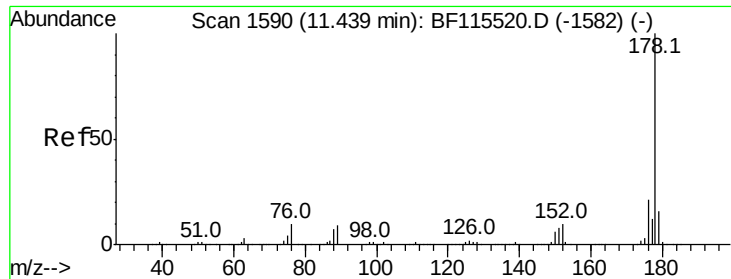
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

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





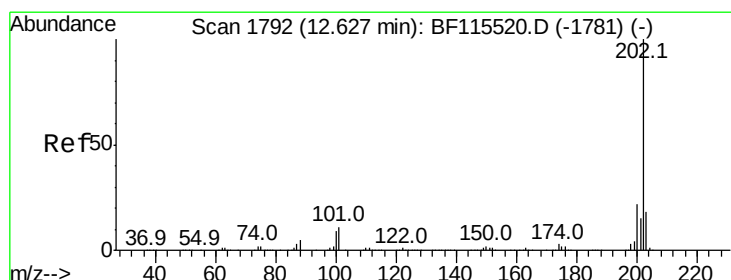
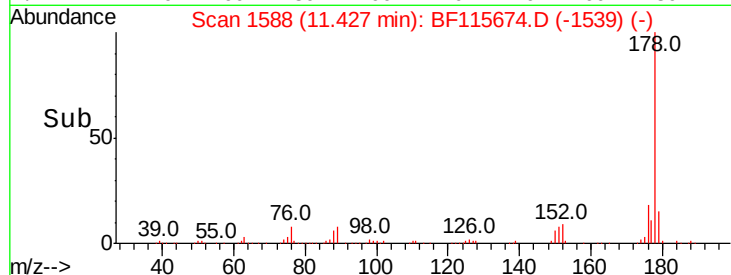
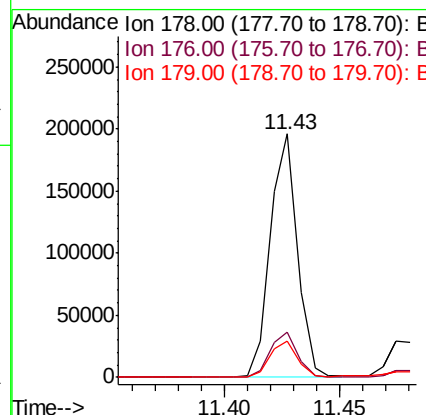
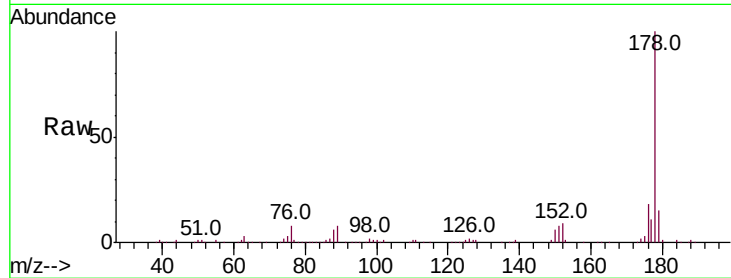
#71
Phenanthrene
Concen: 5.568 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	17.2	25.8
179	14.9	13.5	20.3

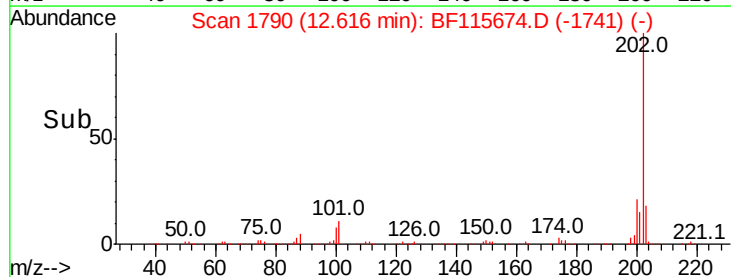
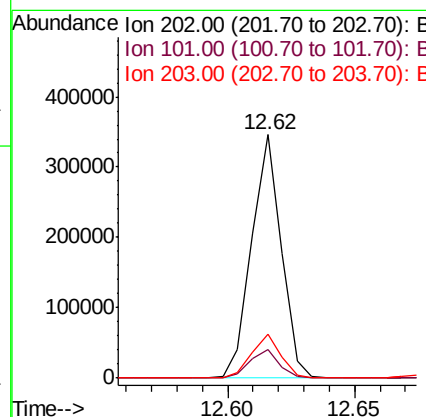
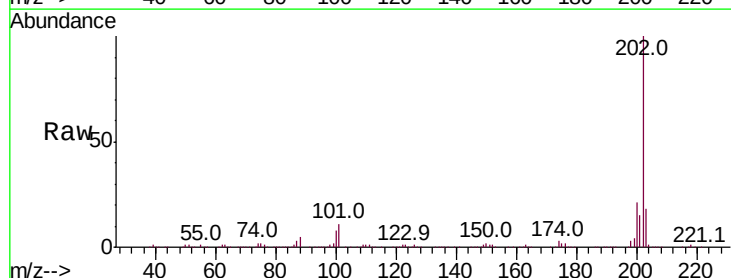
Manual Integrations
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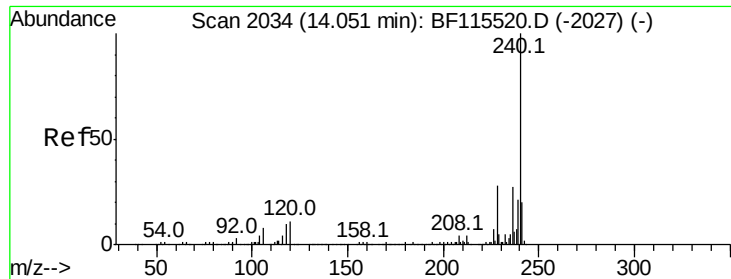
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#75
Fluoranthene
Concen: 9.235 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.4
203	17.8	0.0	38.1





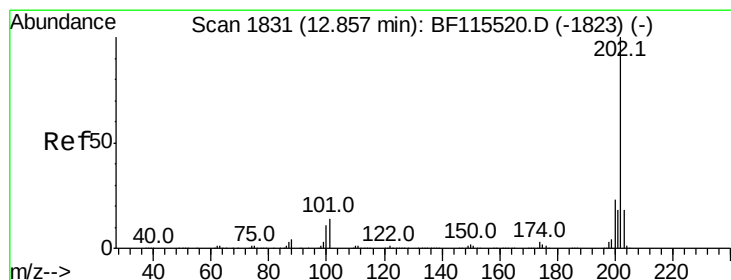
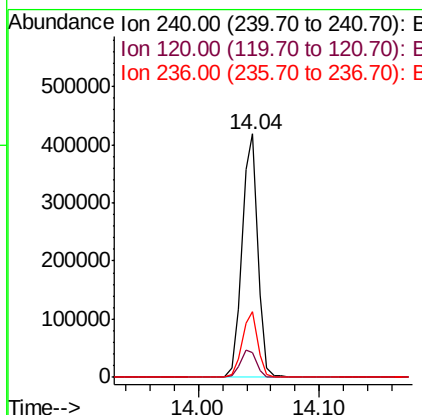
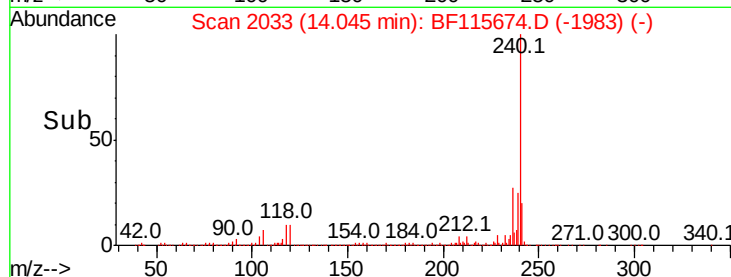
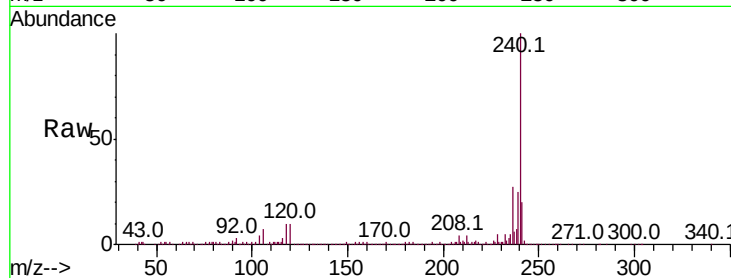
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	13.0
236	26.8	21.3	31.9

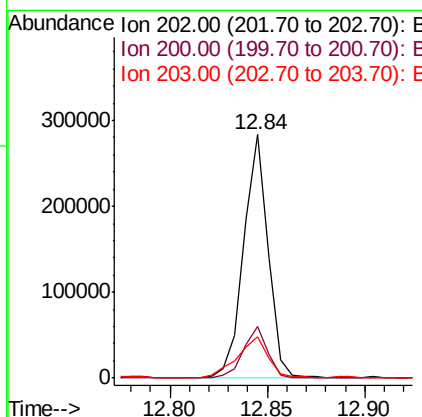
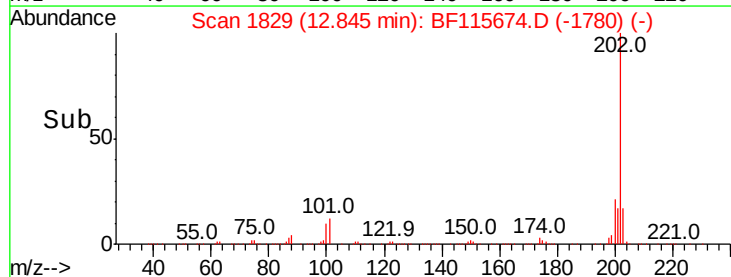
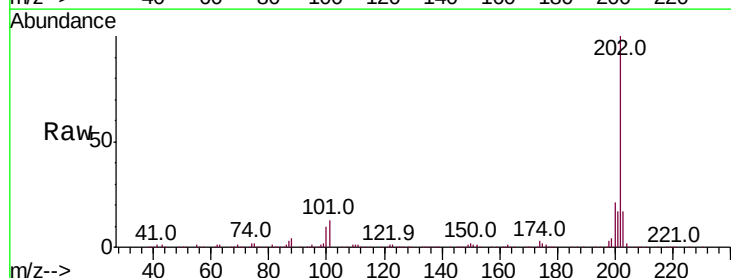
Manual Integrations
APPROVED

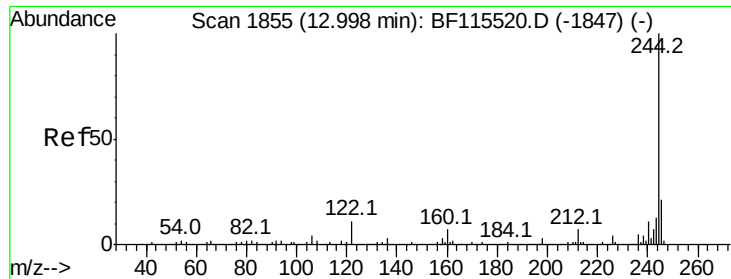
mohammad
7/22/2019 10:01:30 AM



#78
Pyrene
Concen: 7.608 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.7	28.1
203	17.1	15.2	22.8





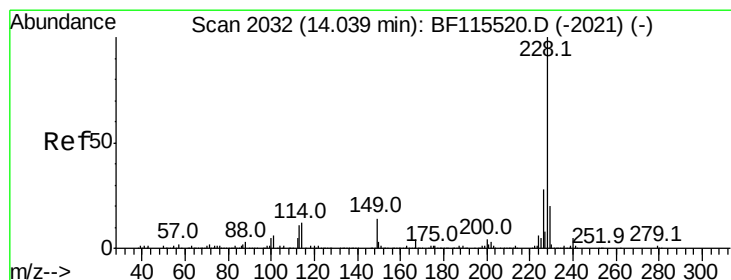
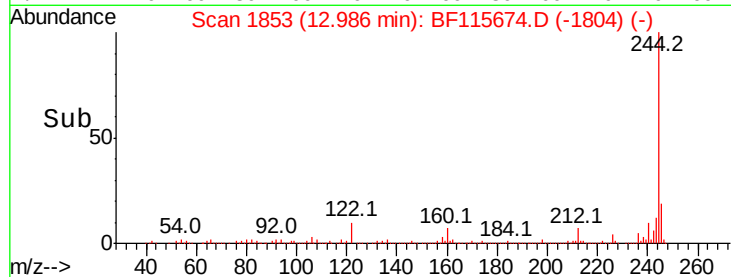
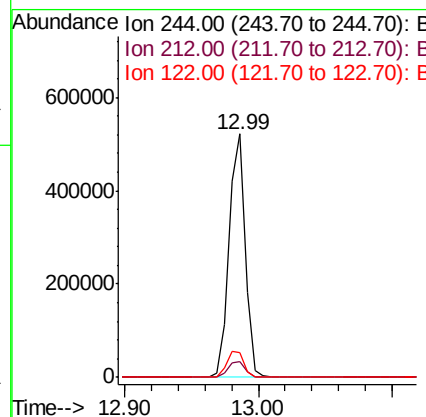
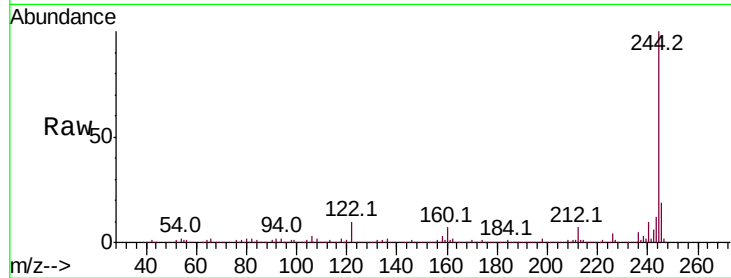
#79
 Terphenyl-d14
 Concen: 21.737 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115674.D
 Acq: 19 Jul 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	10.2	8.6	12.8

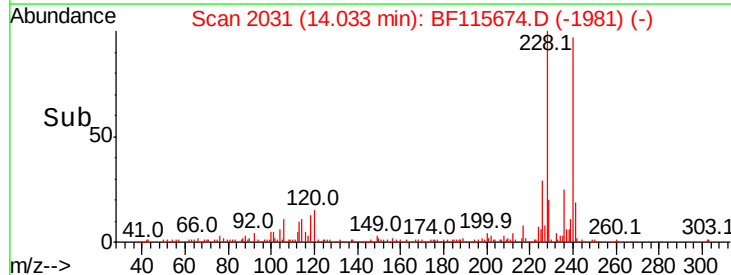
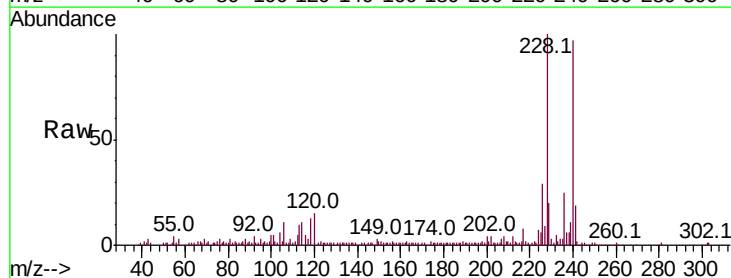
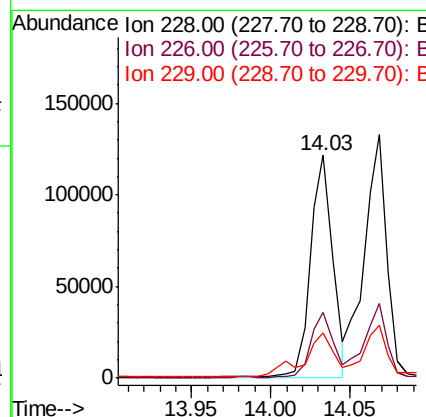
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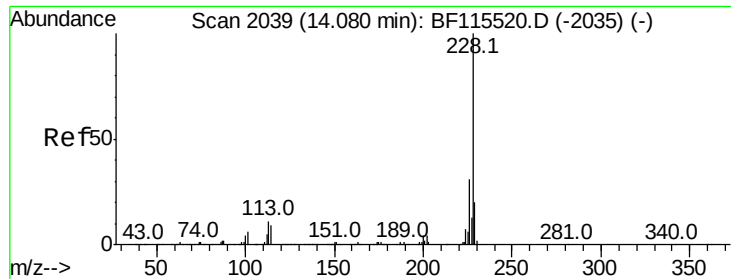
mohammad
 7/22/2019 10:01:30 AM



#81
 Benzo(a)anthracene
 Concen: 4.658 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF115674.D
 Acq: 19 Jul 2019 13:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.0
229	20.3	17.2	25.8





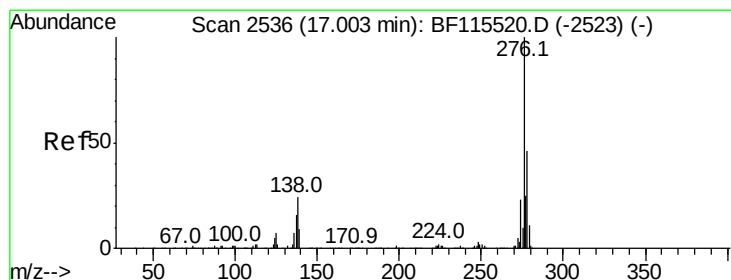
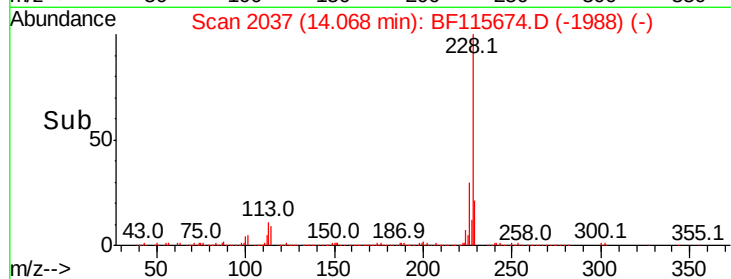
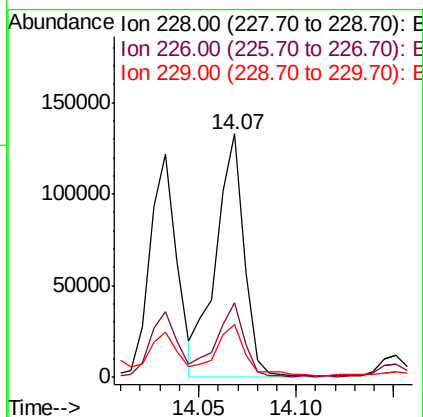
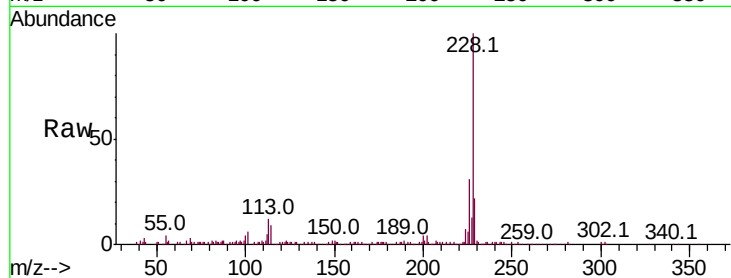
#83
Chrysene
Concen: 5.262 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	21.8	16.6	25.0

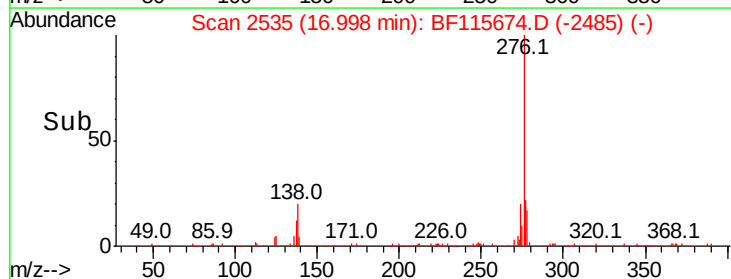
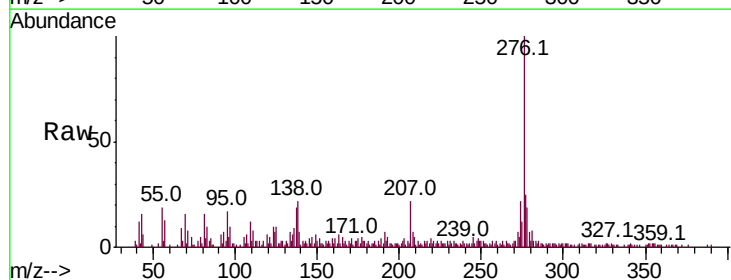
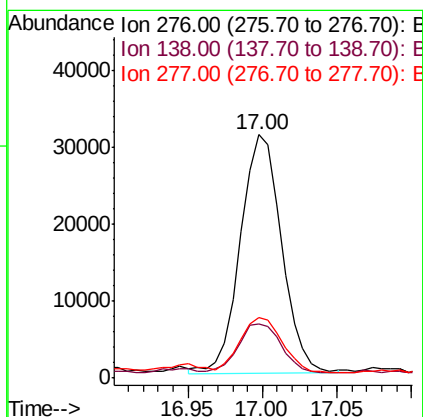
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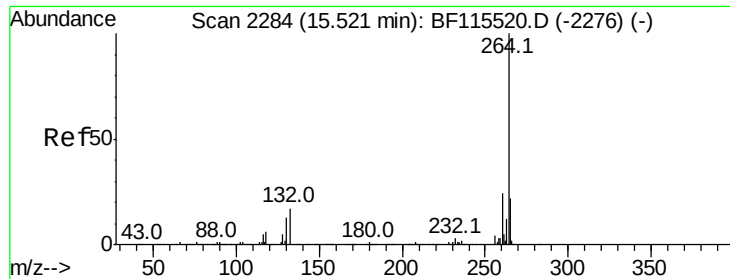
mohammad
7/22/2019 10:01:30 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.777 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.2	30.2
277	23.6	20.4	30.6





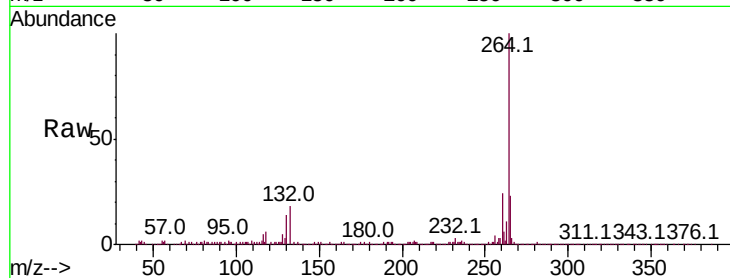
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.6	17.7	26.5

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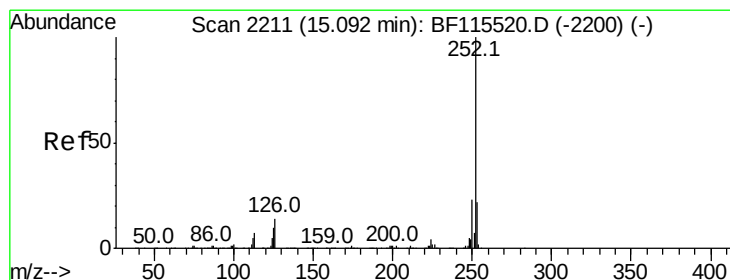
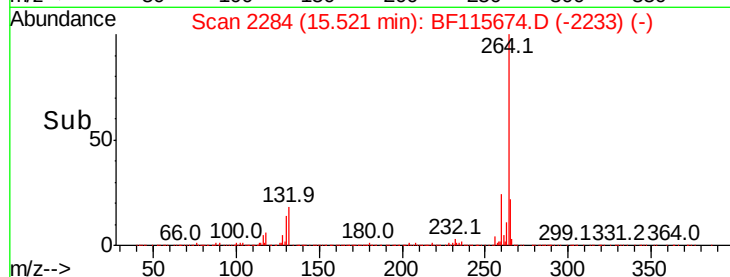
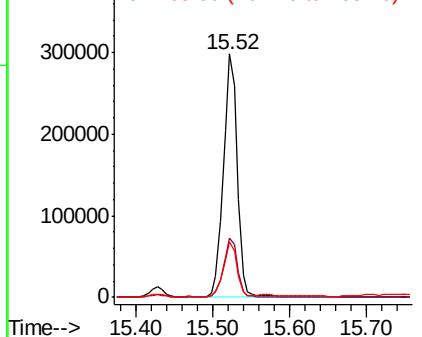


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 7.240 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

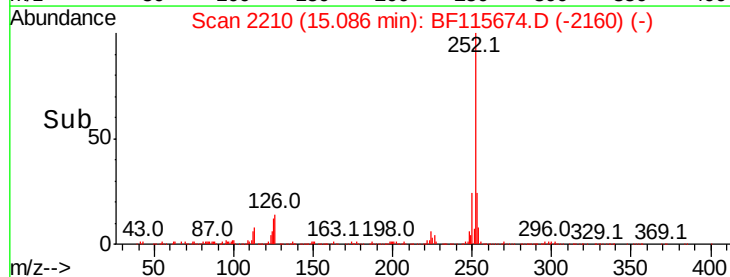
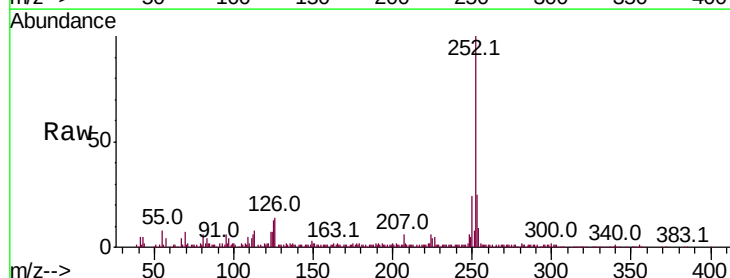
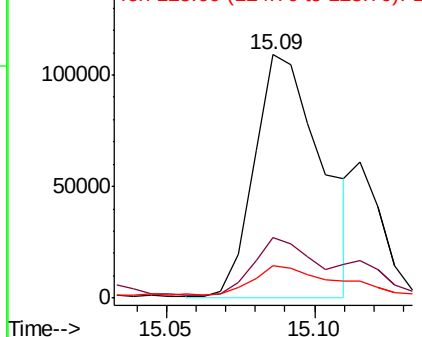
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	13.2	9.0	13.4

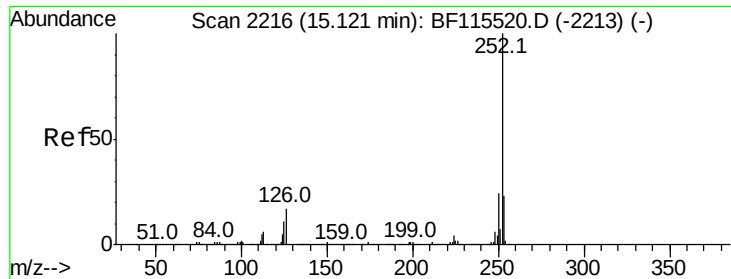
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





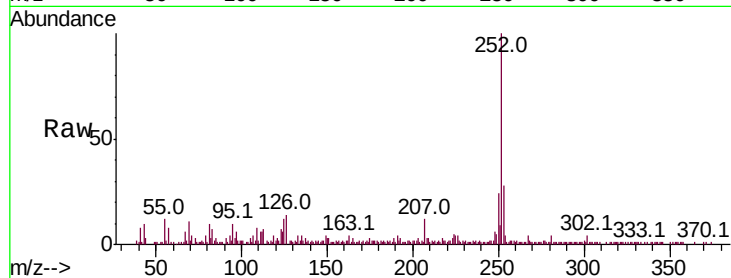
#89
Benzo(k)fluoranthene
Concen: 2.082 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

Instrument :
BNA_F
ClientSampled :
HJDC-GRABE

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.6	28.0
125	12.3	9.0	13.6

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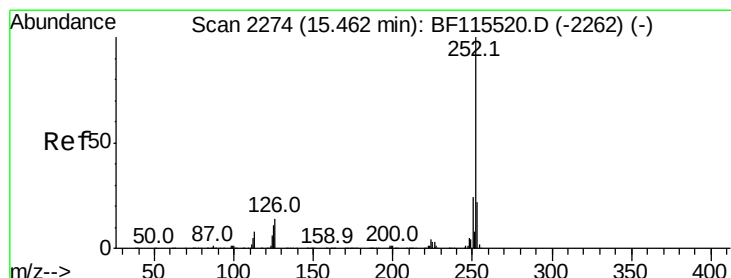
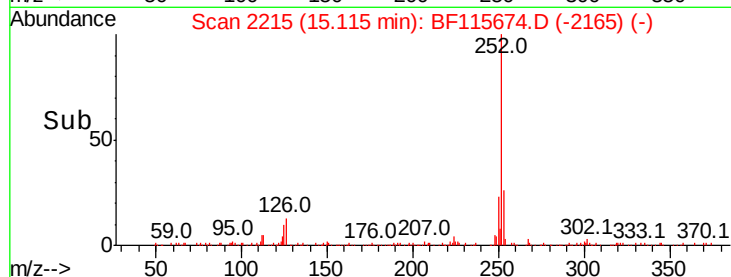
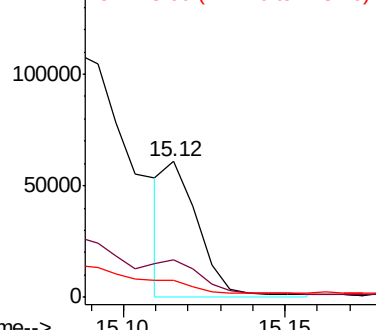


Abundance

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



#90
Benzo(a)pyrene
Concen: 4.669 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115674.D
Acq: 19 Jul 2019 13:54

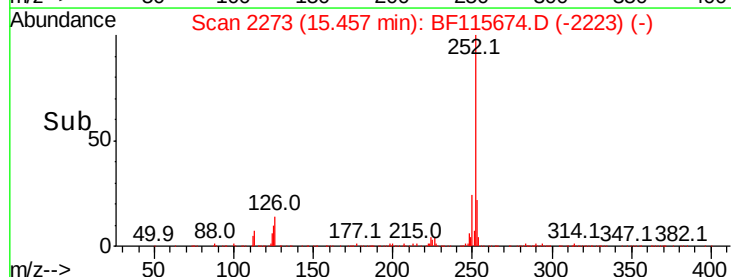
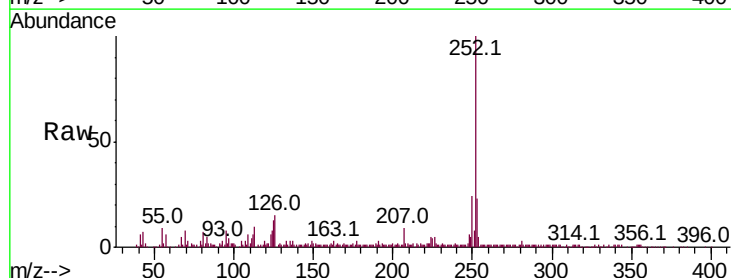
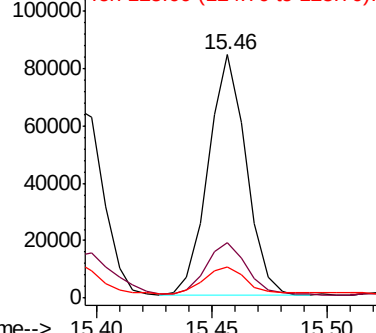
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.8	9.1	13.7

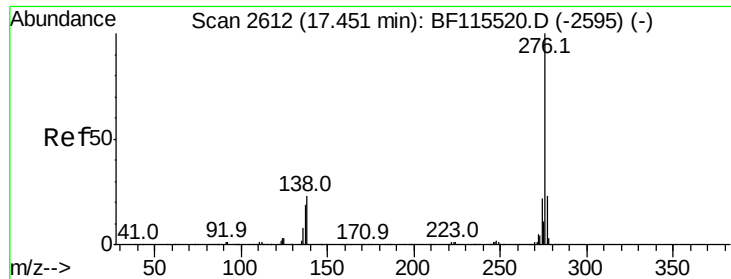
Abundance

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(a,h,i)perylene
 Concen: 3.256 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: BF115674.D
 Acq: 19 Jul 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABE

Tot Ion:	276	Resp:	58586
Ion Ratio	Lower	Upper	
276	100		
277	25.9	19.0	28.4
138	21.6	17.2	25.8

Manual Integrations
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 7/22/2019 10:01:30 AM

