

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115662.D
 Acq On : 18 Jul 2019 23:39
 Operator : HP/JU
 Sample : K3874-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABA

Manual Integrations
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mohammad
 7/19/2019 3:58:55 PM

Quant Time: Jul 19 13:15:34 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	137339	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	512722	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	221266	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	373450	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	321390	20.00	ng	-0.02
87) Perylene-d12	15.50	264	279318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	785626	93.57	ng	0.00
7) Phenol-d6	6.52	99	987173	92.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	604945	68.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	218159	84.47	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	956268	75.64	ng	-0.01
79) Terphenyl-d14	12.98	244	849278	48.76	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.63	163	171052	10.275	ng	Qvalue 97
71) Phenanthrene	11.42	178	341258	17.827	ng	97
72) Anthracene	11.47	178	84939	4.293	ng	97
75) Fluoranthene	12.61	202	542716	26.829	ng	98
78) Pyrene	12.84	202	489649	17.982	ng	97
81) Benzo(a)anthracene	14.03	228	252466	11.924	ng	99
83) Chrysene	14.06	228	233621	10.991	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	80032	4.432	ng	94
88) Benzo(b)fluoranthene	15.07	252	243312m	13.528	ng	
89) Benzo(k)fluoranthene	15.10	252	78174m	4.875	ng	
90) Benzo(a)pyrene	15.44	252	145832	9.434	ng	97
92) Benzo(a,h,i)perylene	17.42	276	71730	5.300	ng	# 94

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

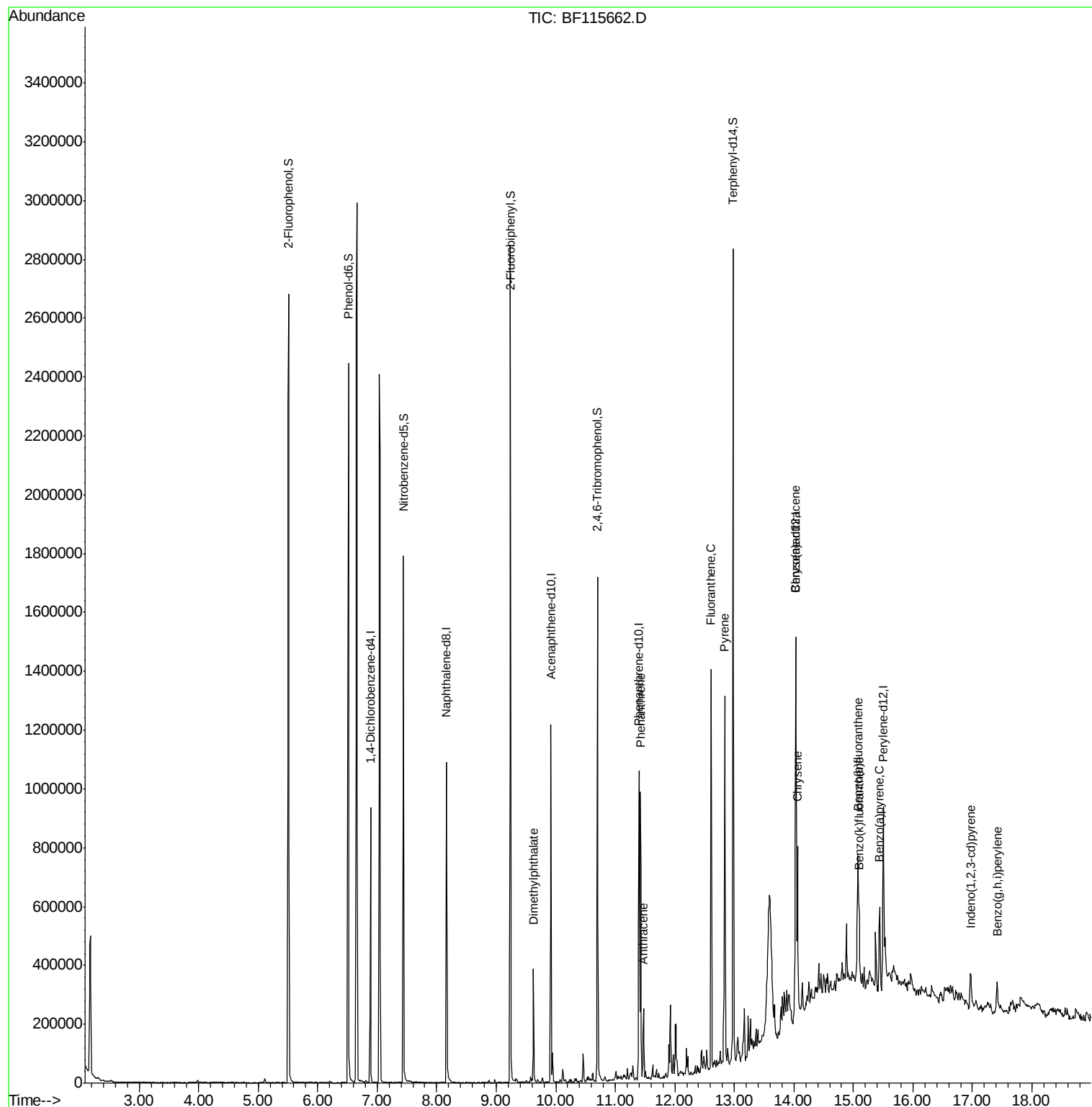
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
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ALS Vial : 21 Sample Multiplier: 1

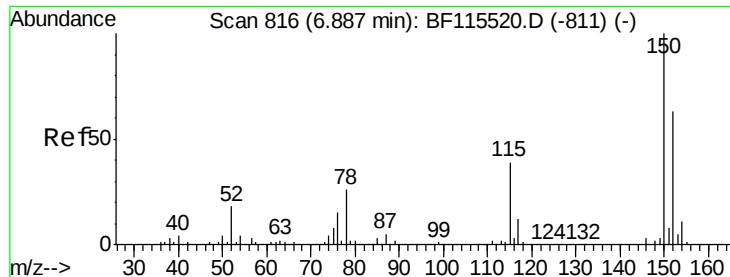
Instrument :
BNA_F
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HJDC-GRABA

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Quant Time: Jul 19 13:15:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

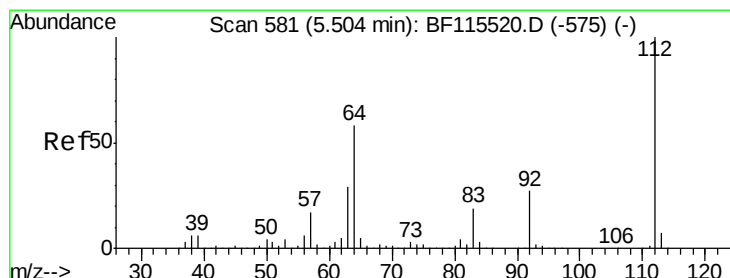
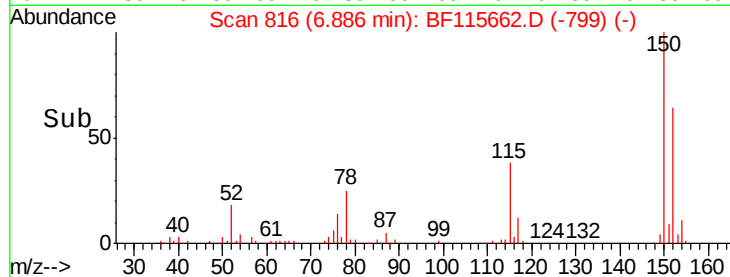
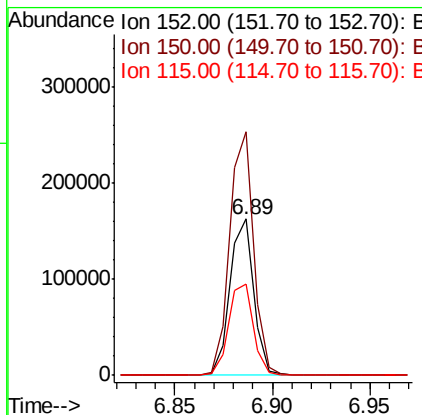
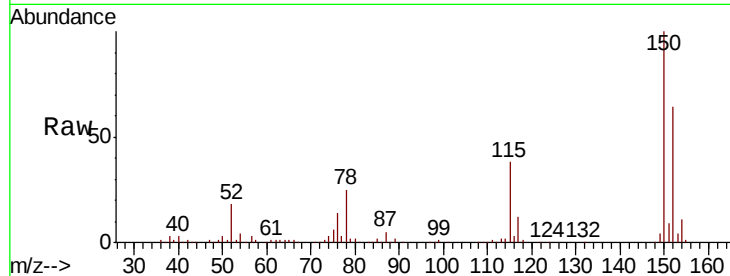
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.7	194.5
115	58.7	48.2	72.4

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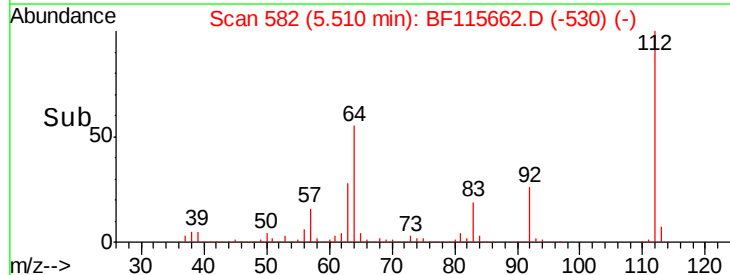
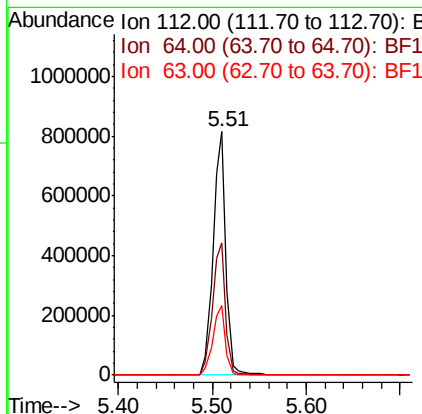
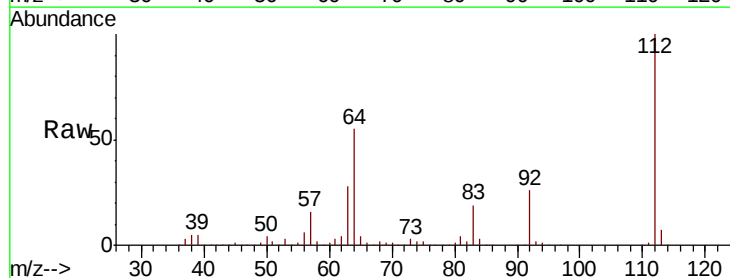
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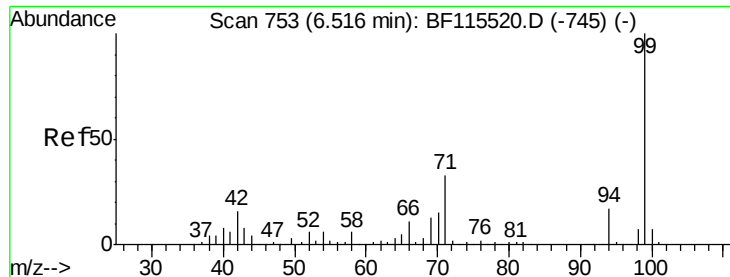


#5

2-Fluorophenol
Concen: 93.568 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.8	70.2
63	28.3	24.1	36.1





#7

Phenol-d6

Concen: 92.658 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115662.D

Acq: 18 Jul 2019 23:39

Instrument :

BNA_F

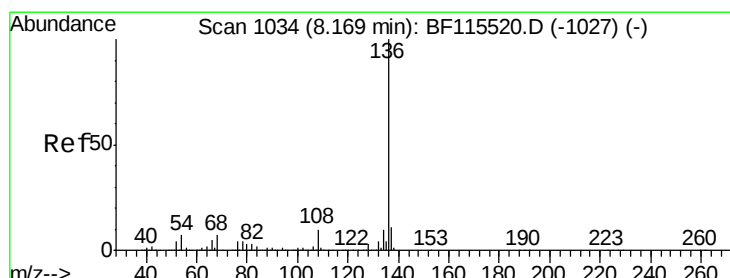
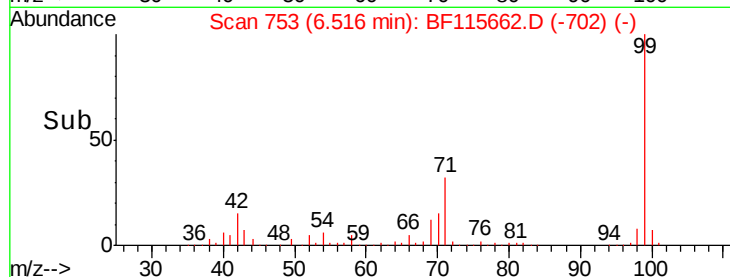
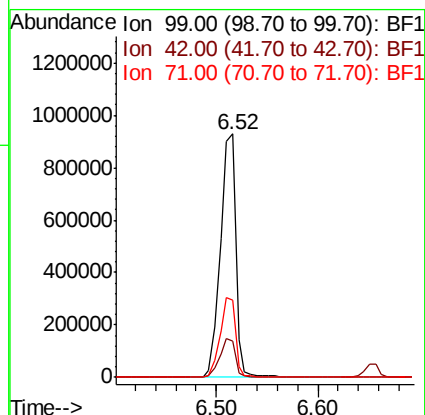
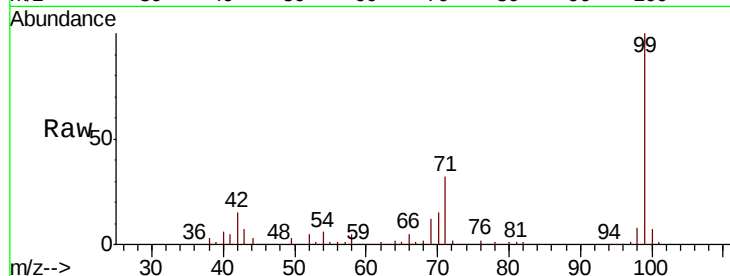
ClientSampleId :

HJDC-GRABA

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		987173		
42	15.1	13.6	20.4		
71	31.9	28.5	42.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

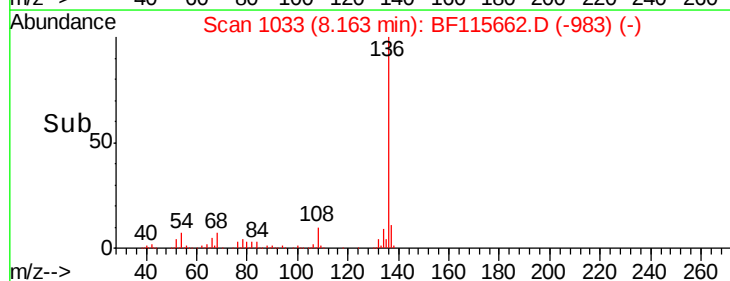
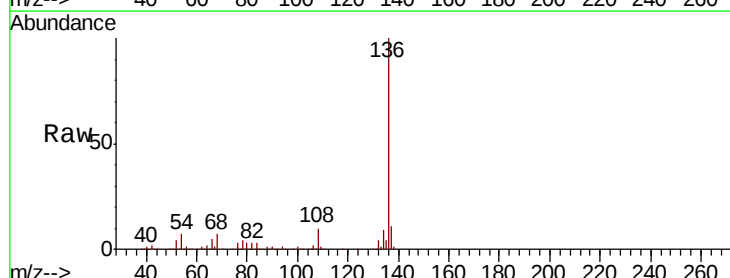
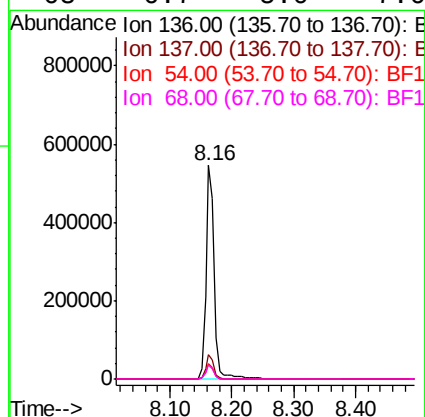
RT: 8.16 min Scan# 1033

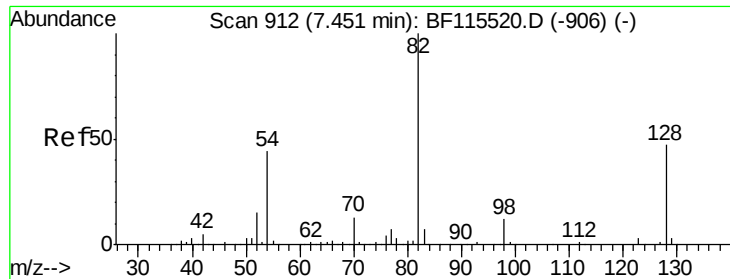
Delta R.T. -0.01 min

Lab File: BF115662.D

Acq: 18 Jul 2019 23:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		512722		
137	11.4	9.0	13.4		
54	7.2	5.6	8.4		
68	6.7	5.0	7.6		





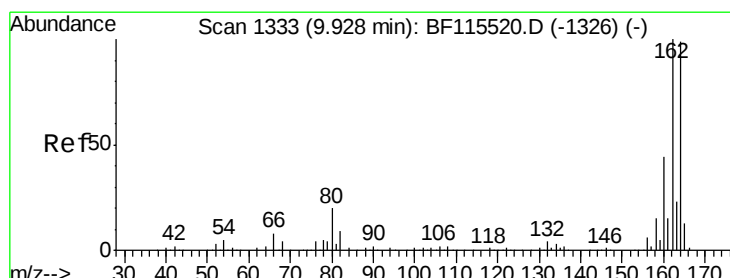
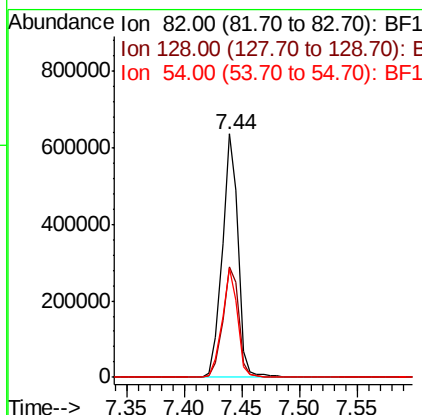
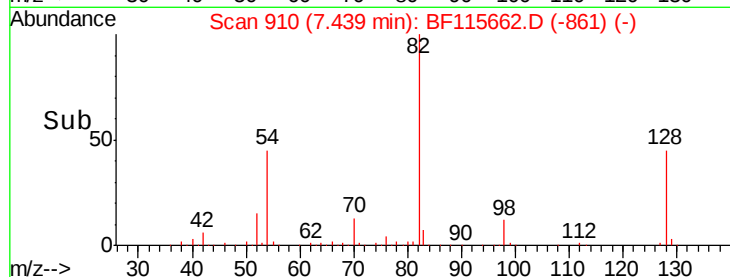
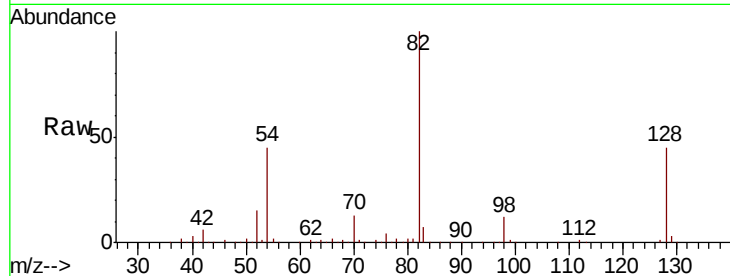
#23
Nitrobenzene-d5
Concen: 68.605 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	38.6	57.8
54	44.8	35.6	53.4

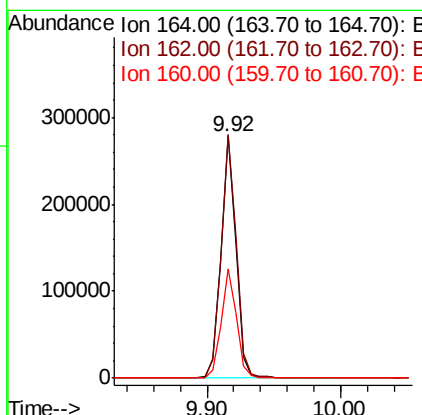
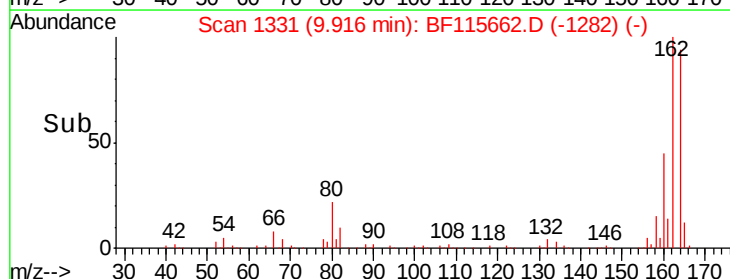
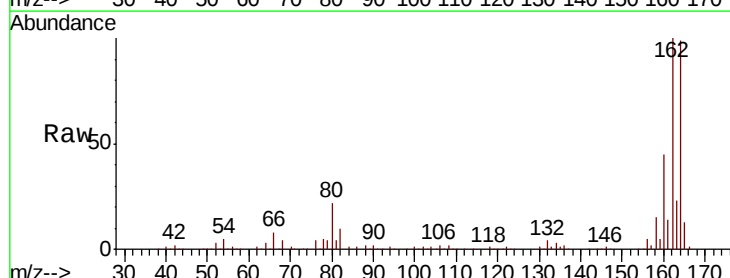
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.9	124.3
160	45.3	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 84.469 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115662.D

Acq: 18 Jul 2019 23:39

Instrument :

BNA_F

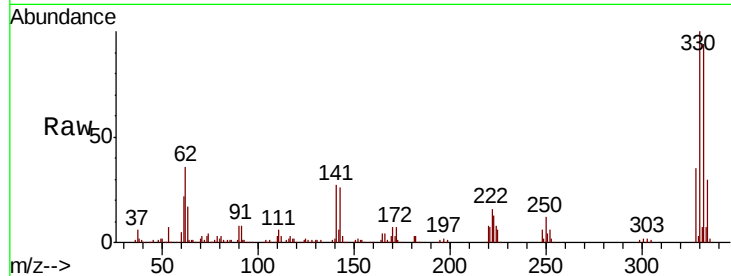
ClientSampleId :

HJDC-GRABA

Tot Ion:	330	Resp:	218159
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.4	116.2
141	31.9	22.4	33.6

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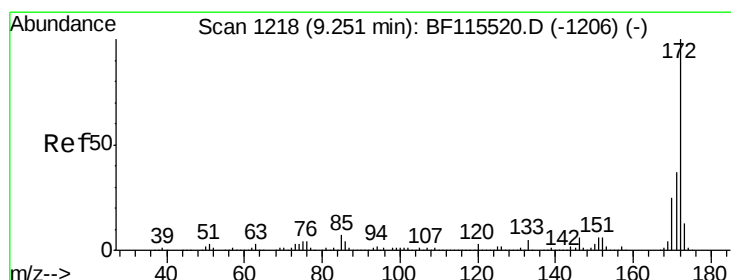
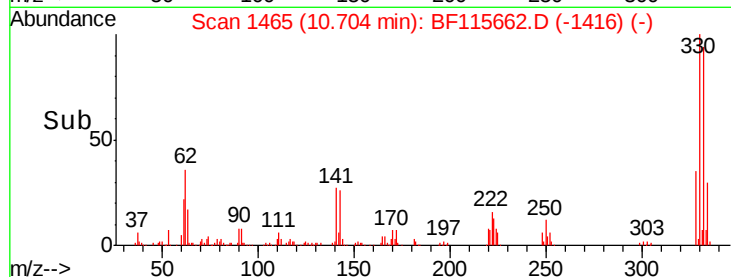
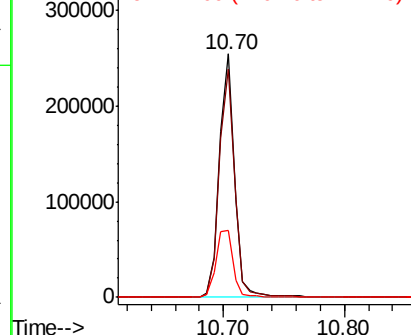


Abundance

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: 75.644 ng

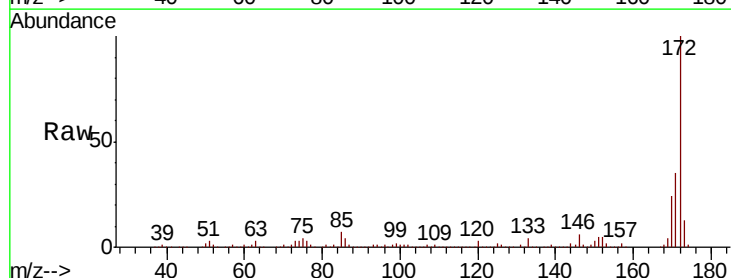
RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115662.D

Acq: 18 Jul 2019 23:39

Tgt Ion:	172	Resp:	956268
Ion Ratio	Lower	Upper	
172	100		
171	35.1	30.6	46.0
170	23.9	20.5	30.7

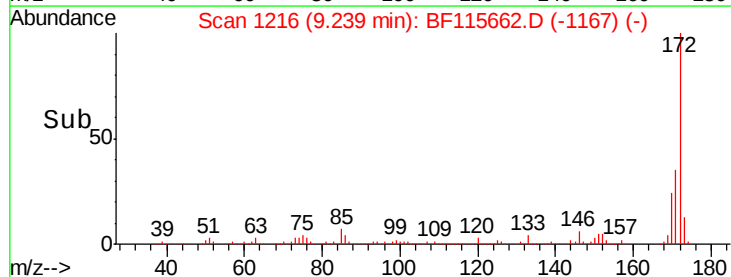
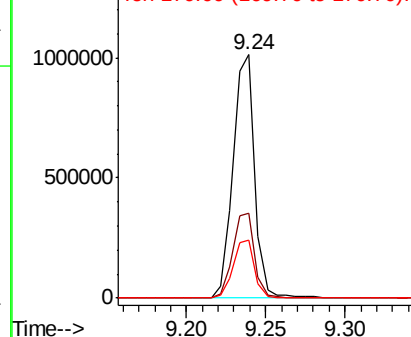


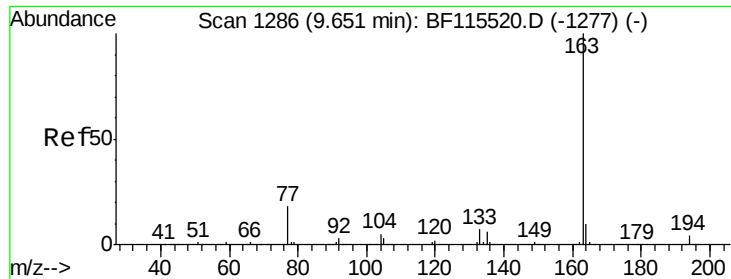
Abundance

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





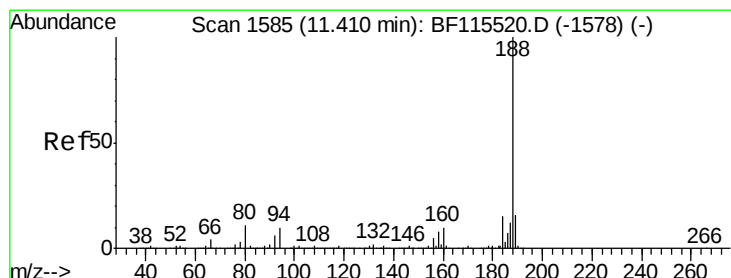
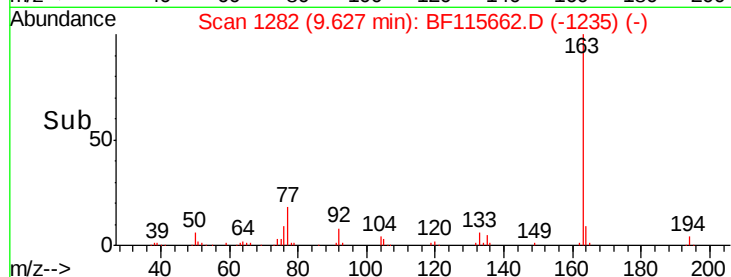
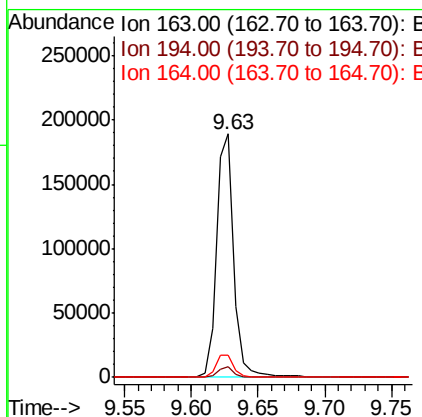
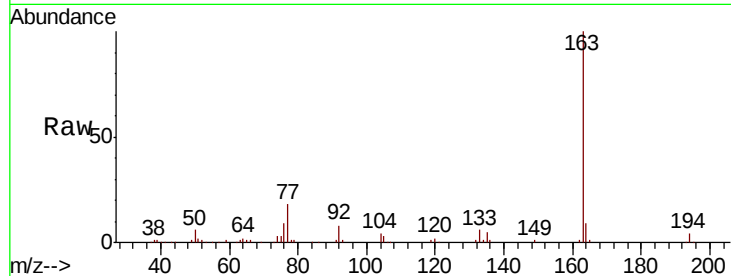
#50
Dimethylphthalate
Concen: 10.275 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Resp	Lower	Upper
163	100	171052		
194	4.2	3.3	4.9	
164	9.3	8.7	13.1	

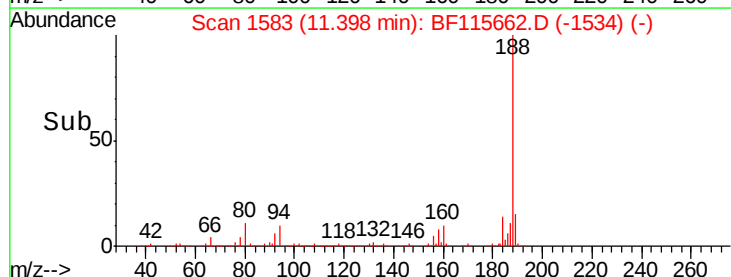
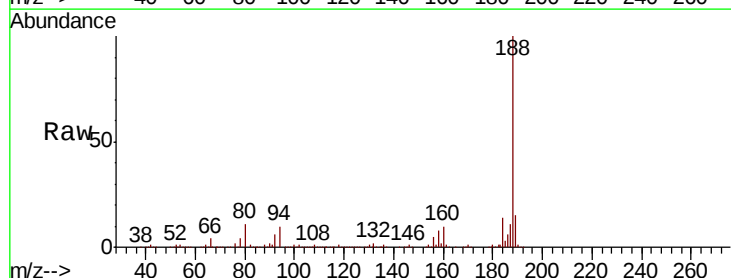
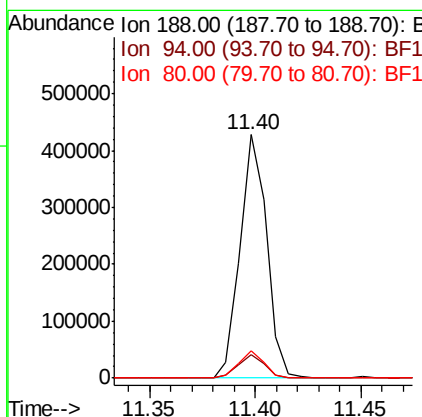
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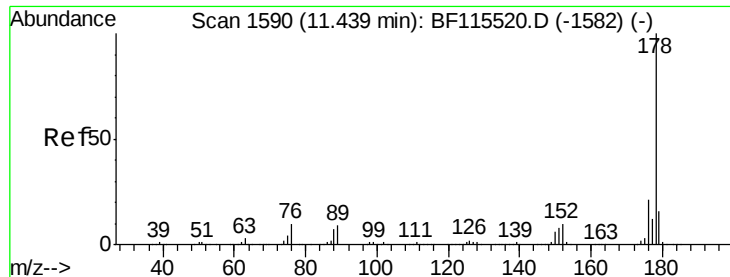
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	373450		
94	9.8	7.8	11.6	
80	11.0	8.6	13.0	





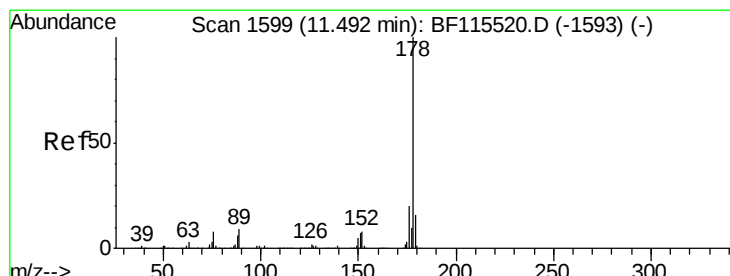
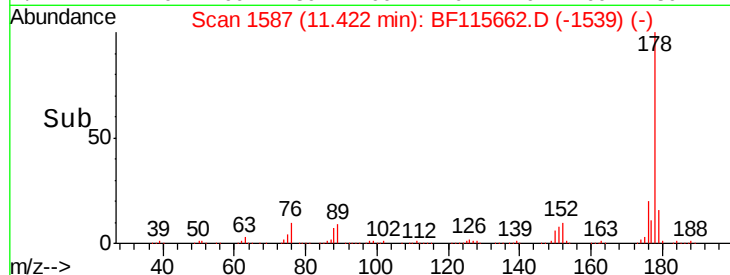
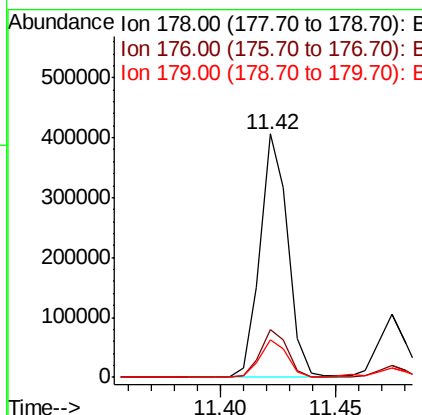
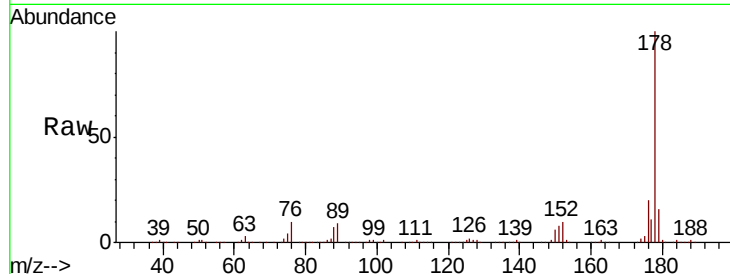
#71
Phenanthrene
Concen: 17.827 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampled :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.2	25.8
179	15.7	13.5	20.3

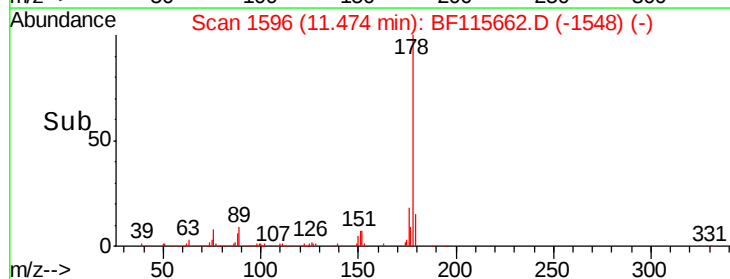
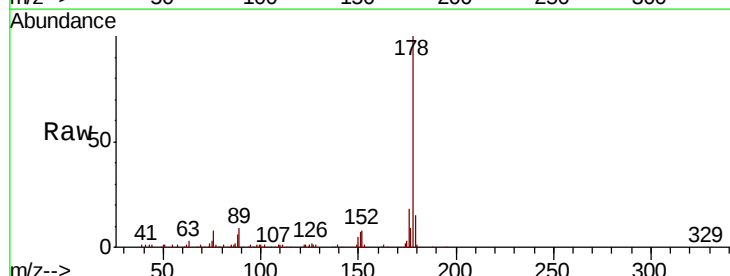
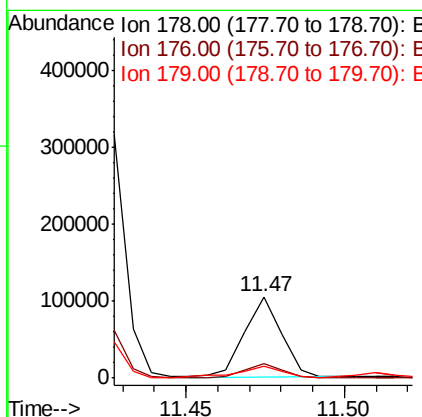
Manual Integrations
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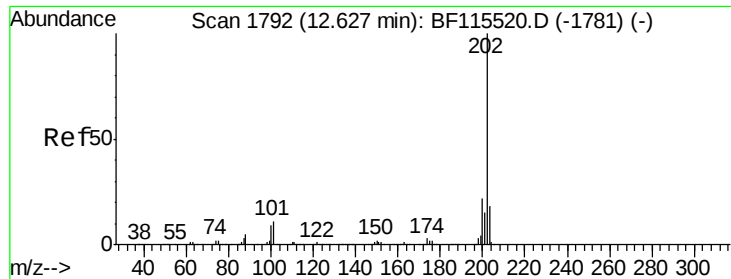
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#72
Anthracene
Concen: 4.293 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.9	23.9
179	15.1	12.7	19.1





#75

Fluoranthene

Concen: 26.829 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF115662.D

Acq: 18 Jul 2019 23:39

Instrument :

BNA_F

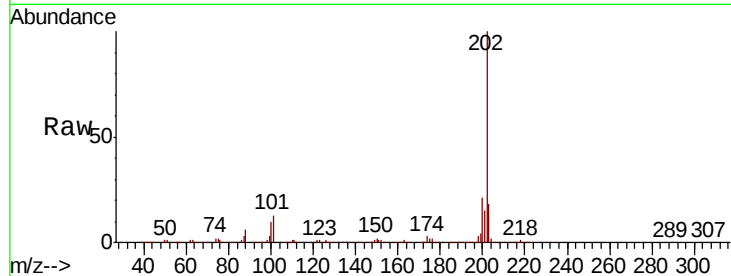
ClientSampleId :

HJDC-GRABA

Tot Ion:	202	Resp:	542716
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	31.4
203	17.8	0.0	38.1

Manual Integrations
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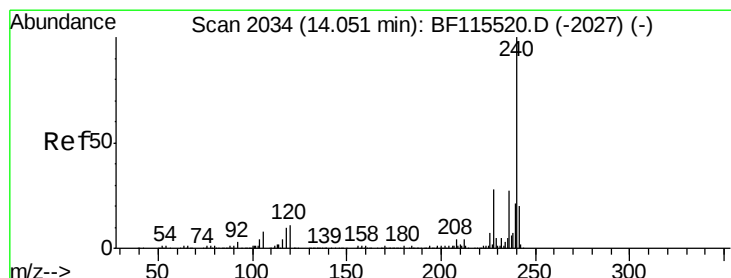
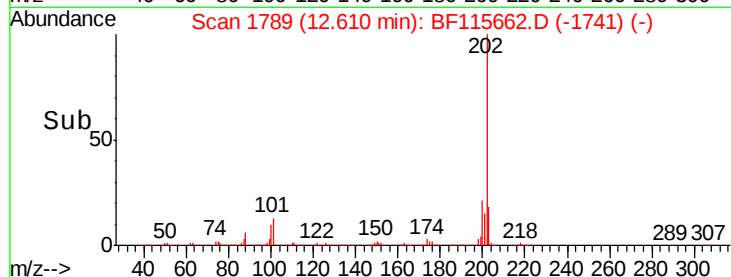
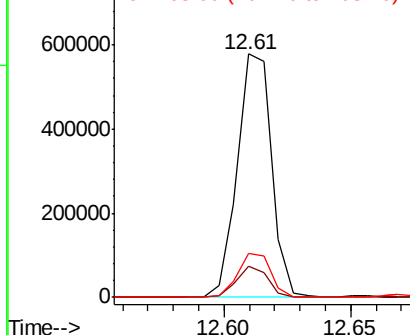


Abundance

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: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF115662.D

Acq: 18 Jul 2019 23:39

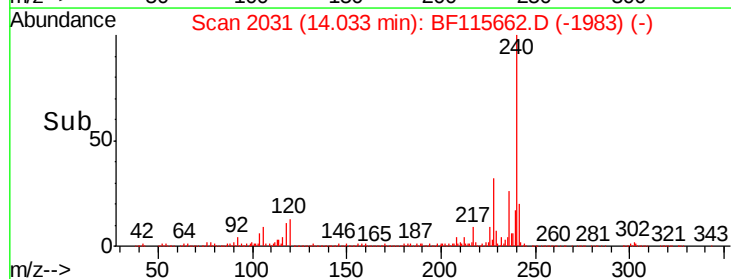
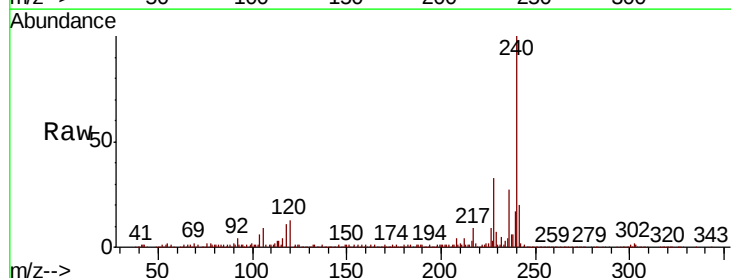
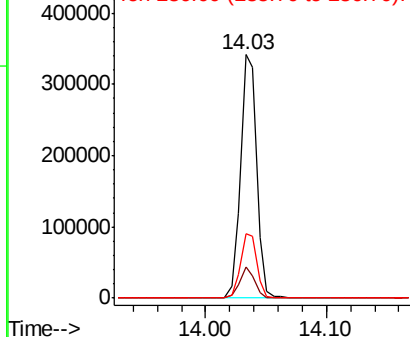
Tgt Ion:	240	Resp:	321390
Ion Ratio	Lower	Upper	
240	100		
120	12.7	8.6	13.0
236	26.5	21.3	31.9

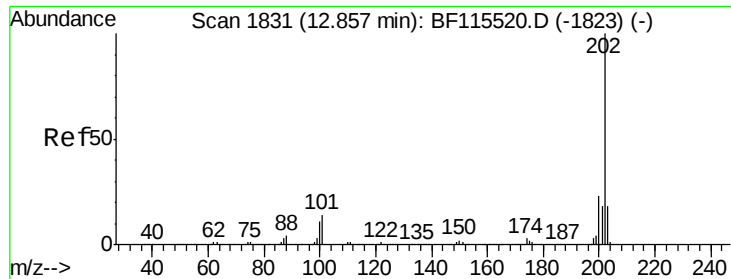
Abundance

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





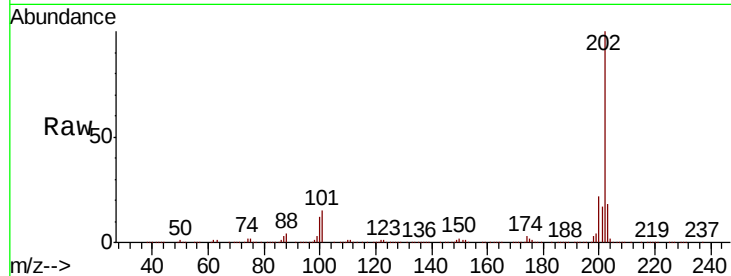
#78
Pvrene
Concen: 17.982 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	18.7	28.1
203	18.1	15.2	22.8

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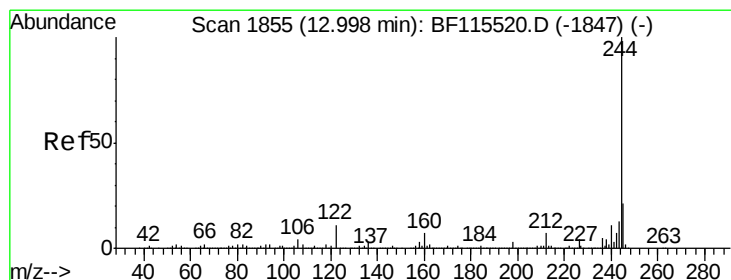
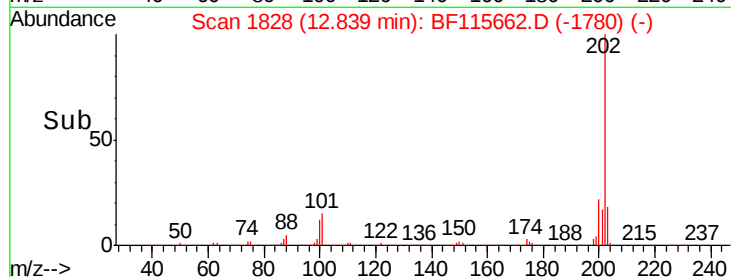
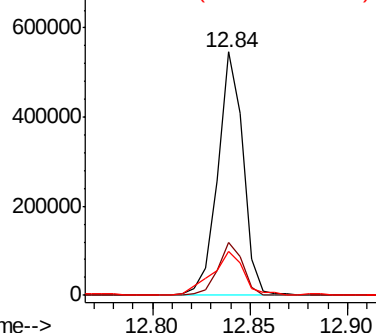


Abundance

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: 48.759 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

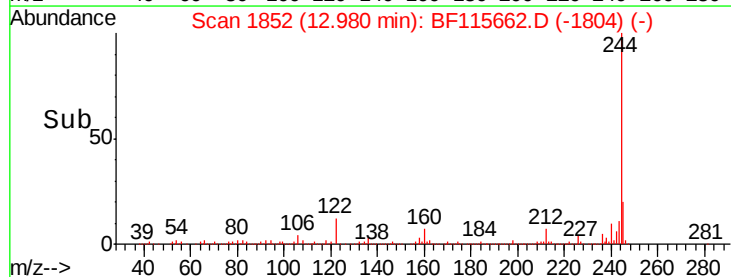
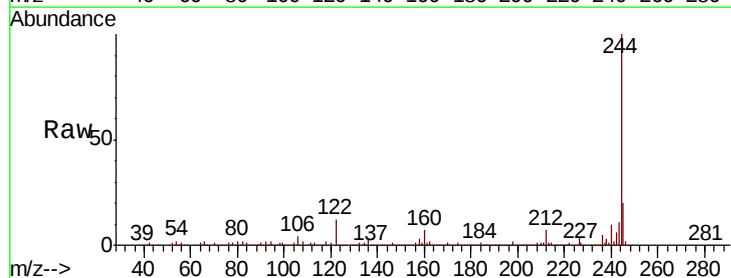
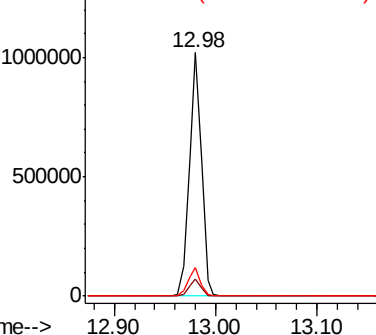
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.9	8.6	12.8

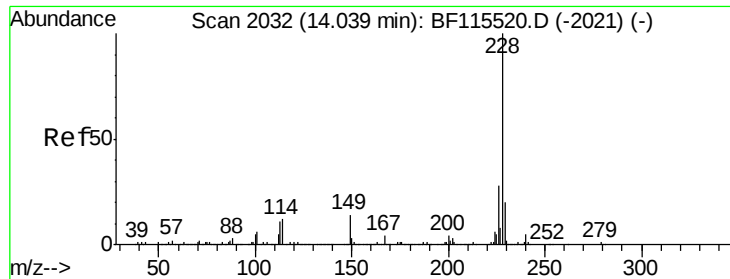
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





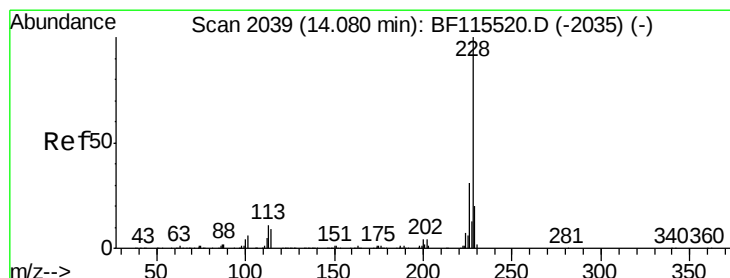
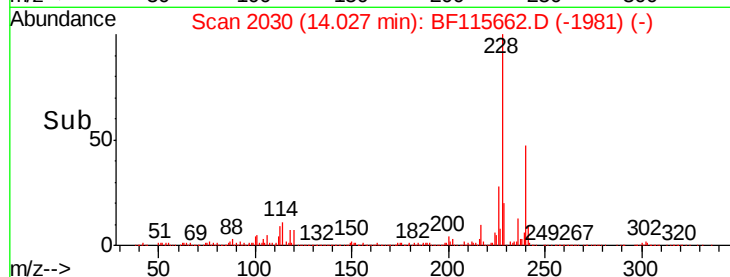
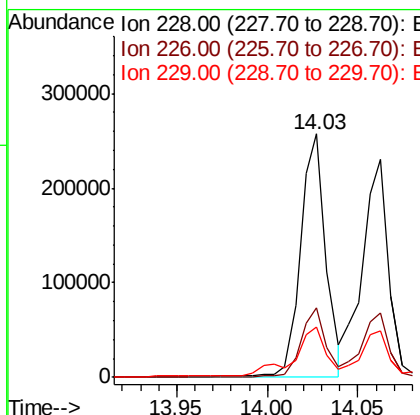
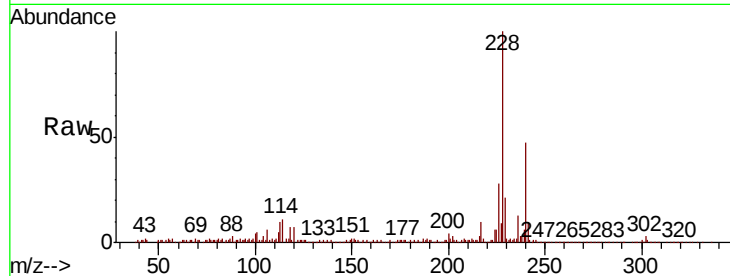
#81
Benzo(a)anthracene
Concen: 11.924 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.0
229	20.9	17.2	25.8

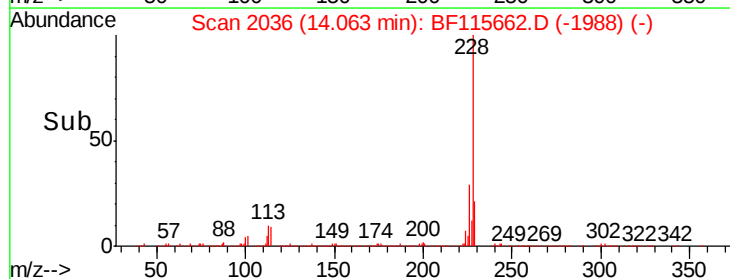
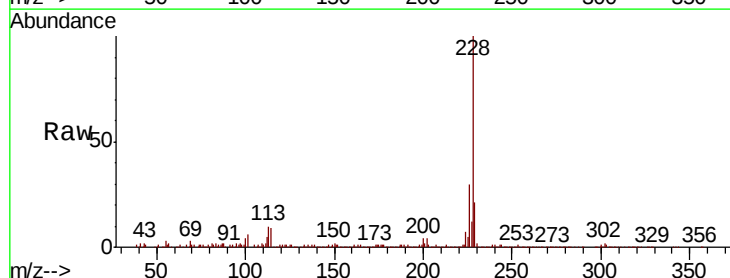
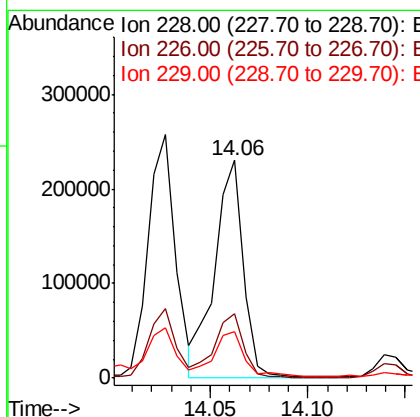
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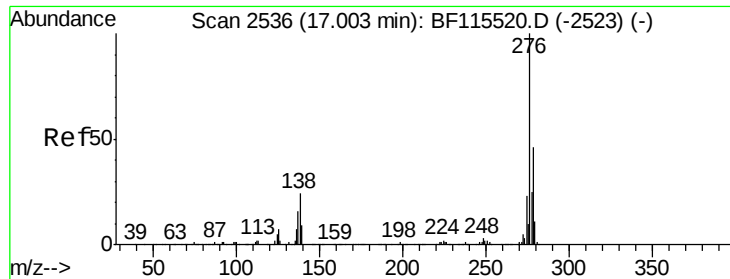
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#83
Chrysene
Concen: 10.991 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.7	38.5
229	21.1	16.6	25.0





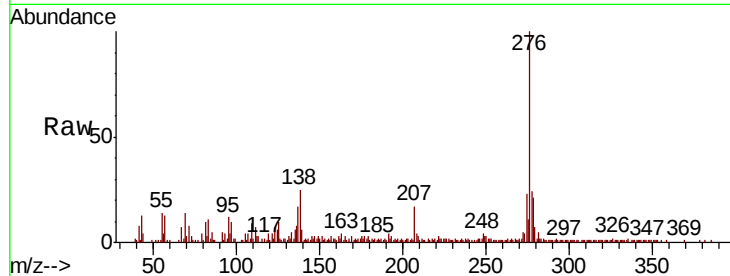
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.432 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.04 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

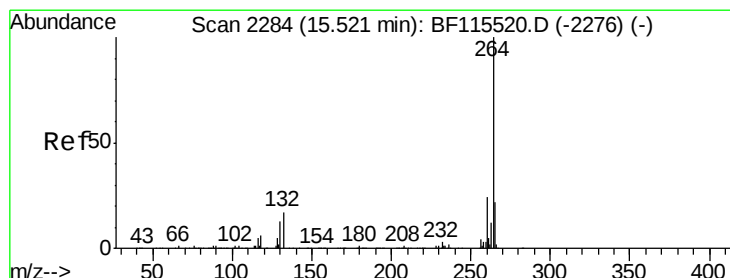
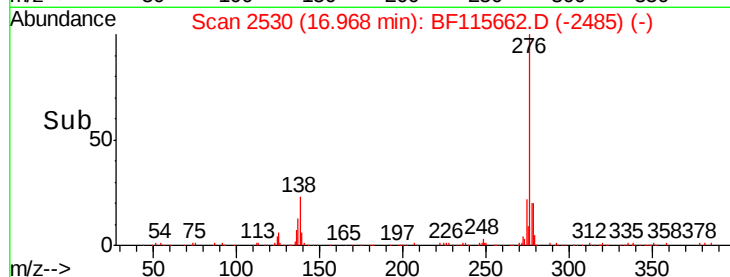
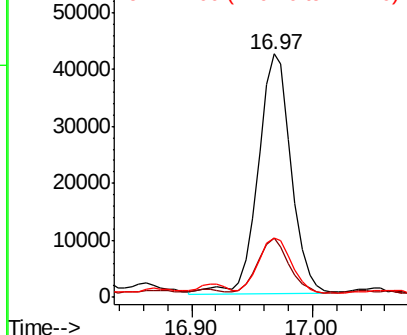
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.2	30.2
277	23.3	20.4	30.6

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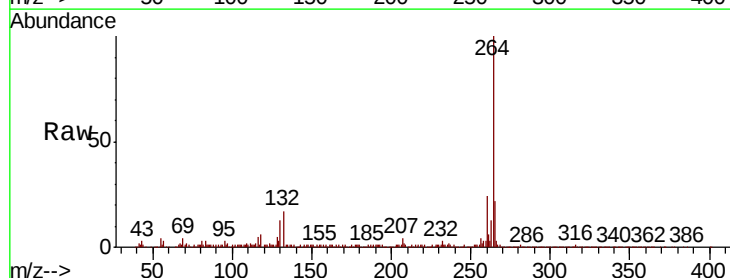


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

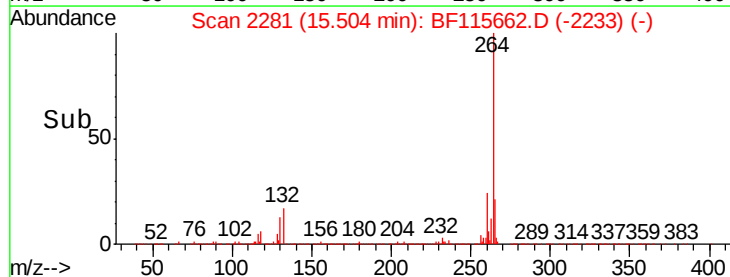
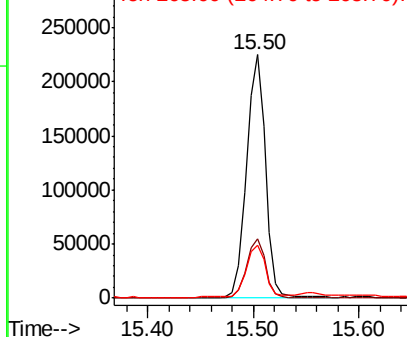


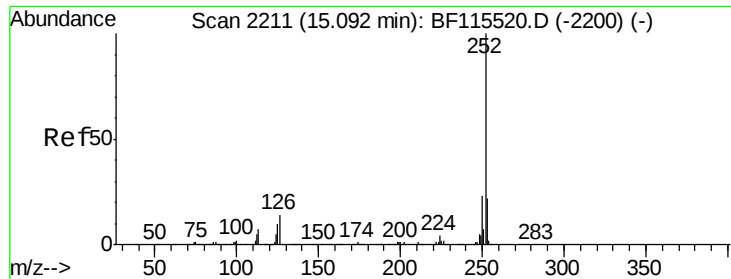
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	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





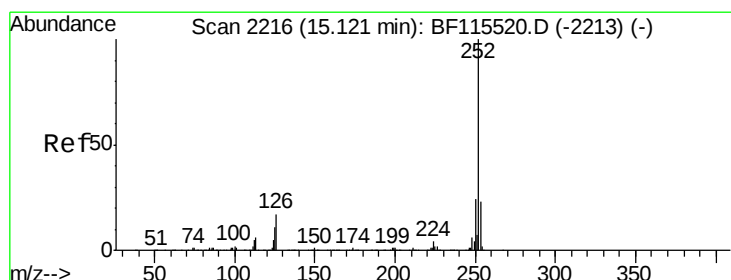
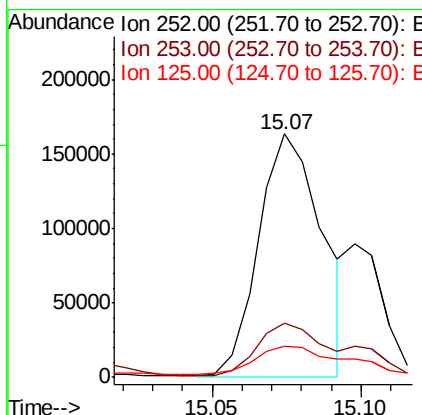
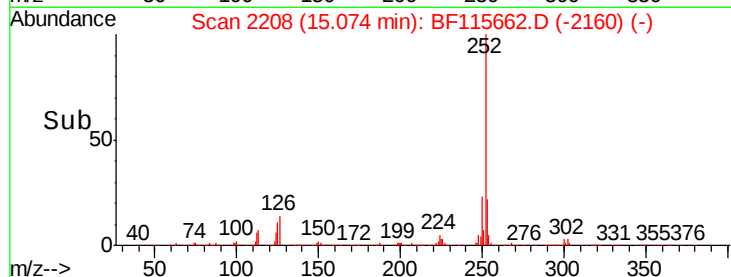
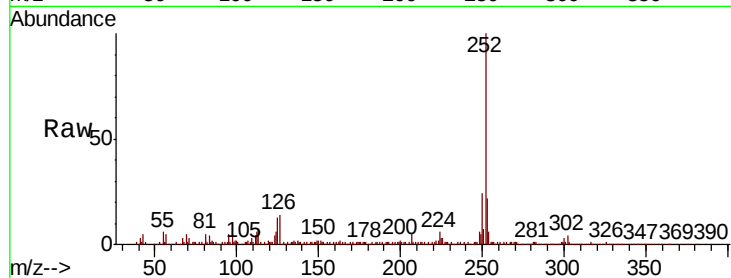
#88
Benzo(b)fluoranthene
Concen: 13.528 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	12.7	9.0	13.4

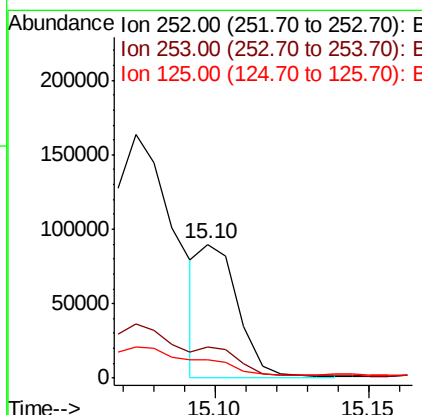
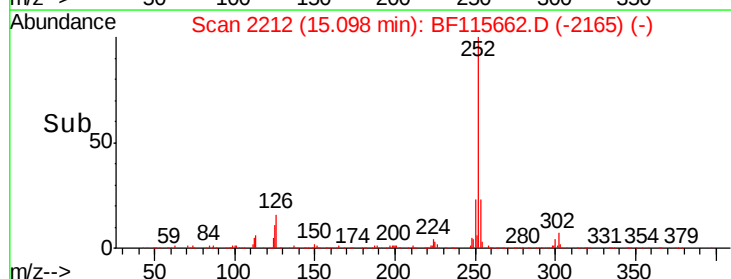
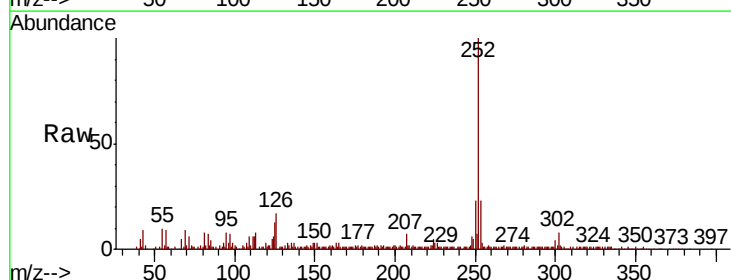
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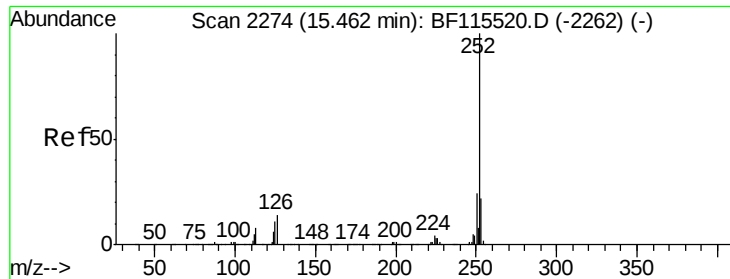
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.875 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	13.4	9.0	13.6





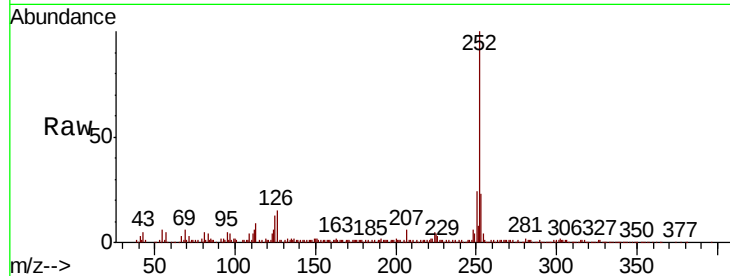
#90
Benzo(a)pyrene
Concen: 9.434 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABA

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	13.1	9.1	13.7

Manual Integrations
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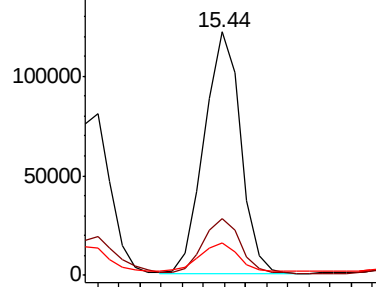


Abundance

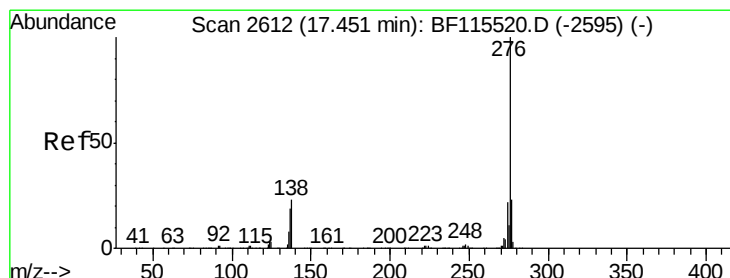
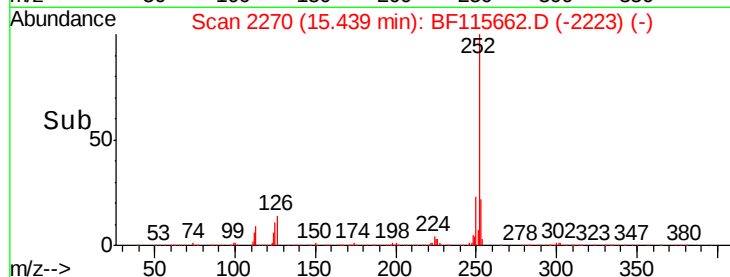
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

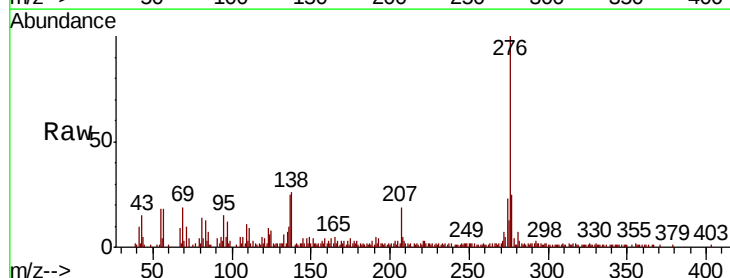


Time-->



#92
Benzo(g,h,i)perylene
Concen: 5.300 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.04 min
Lab File: BF115662.D
Acq: 18 Jul 2019 23:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	26.0	17.2	25.8

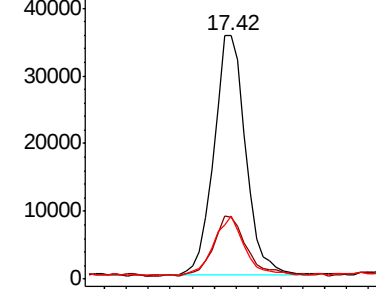


Abundance

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-->

