

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115651.D
 Acq On : 18 Jul 2019 16:57
 Operator : HP/JU
 Sample : K3874-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABD

Manual Integrations
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Quant Time: Jul 19 07:45:08 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	154009	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	605625	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	286343	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	521284	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	341802	20.00	ng	-0.01
87) Perylene-d12	15.50	264	407212	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	738348	78.42	ng	0.00
7) Phenol-d6	6.51	99	936511	78.39	ng	0.00
23) Nitrobenzene-d5	7.44	82	599180	57.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	256000	76.59	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1093697	66.85	ng	-0.02
79) Terphenyl-d14	12.98	244	1044478	56.38	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	157738	7.322	ng	98
71) Phenanthrene	11.42	178	753676	28.206	ng	98
72) Anthracene	11.47	178	104680	3.791	ng	98
73) Carbazole	11.62	167	109939	4.540	ng	97
75) Fluoranthene	12.62	202	1617793	57.294	ng	98
78) Pyrene	12.85	202	1438544	49.676	ng	99
81) Benzo(a)anthracene	14.03	228	763206	33.893	ng	98
83) Chrysene	14.06	228	877240	38.807	ng	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	88257	5.772	ng	# 97
86) Indeno(1,2,3-cd)pyrene	16.98	276	486038	25.308	ng	94
88) Benzo(b)fluoranthene	15.08	252	1195970m	45.611	ng	
89) Benzo(k)fluoranthene	15.10	252	309134m	13.224	ng	
90) Benzo(a)pyrene	15.44	252	701515	31.128	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	123407m	6.237	ng	
92) Benzo(a,h,i)perylene	17.42	276	411029	20.830	ng	99

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

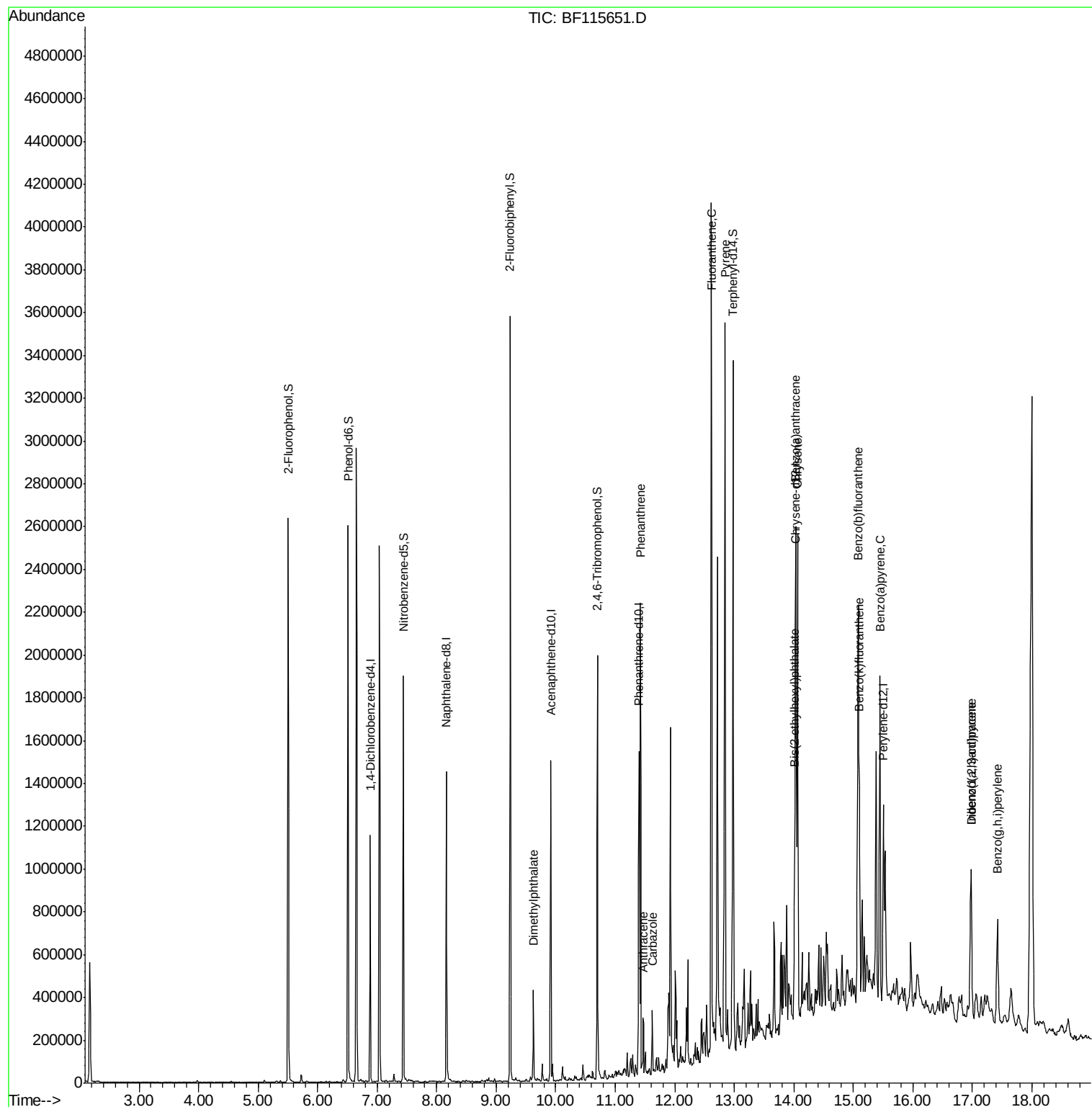
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115651.D
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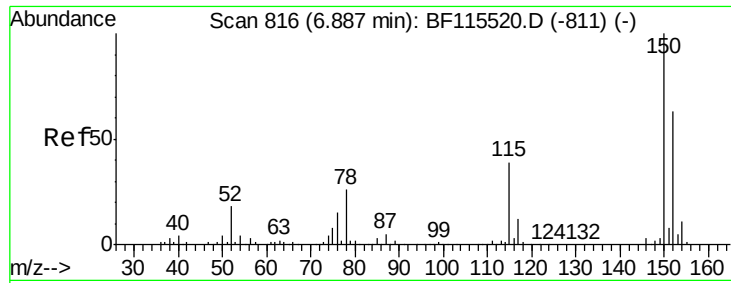
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration





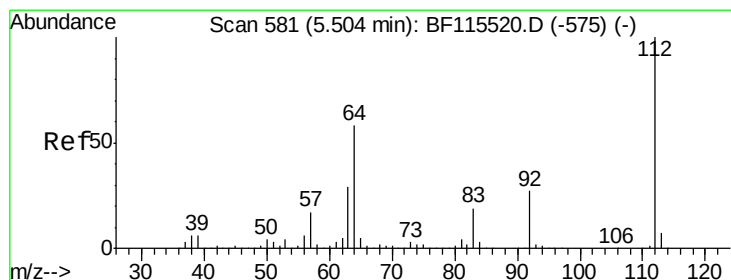
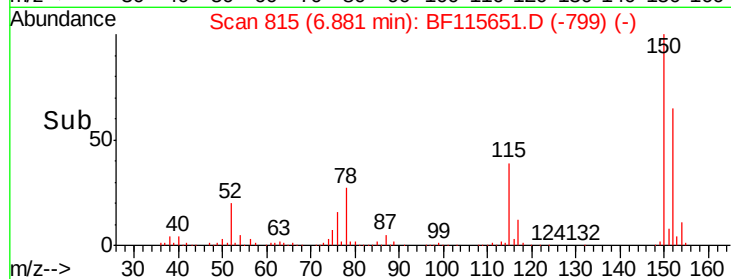
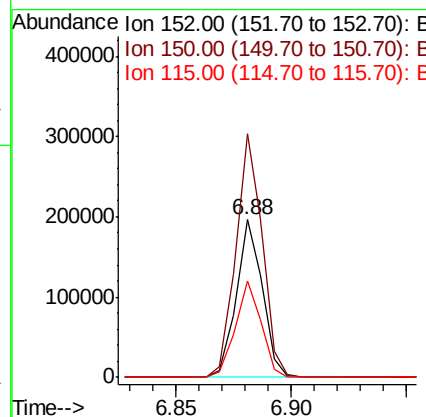
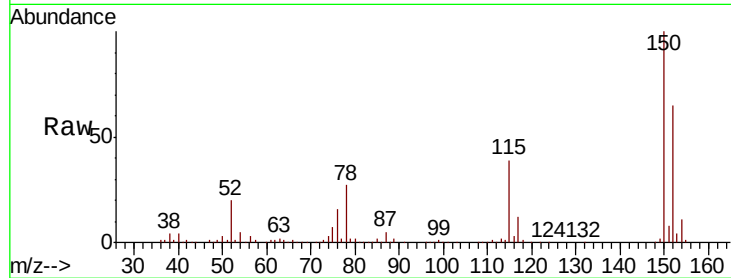
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	129.7	194.5
115	61.1	48.2	72.4

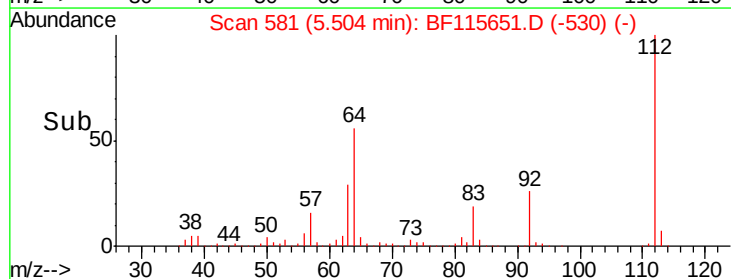
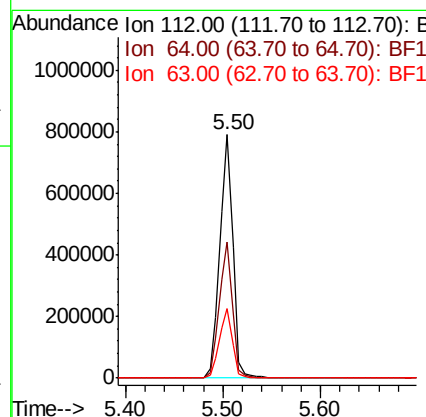
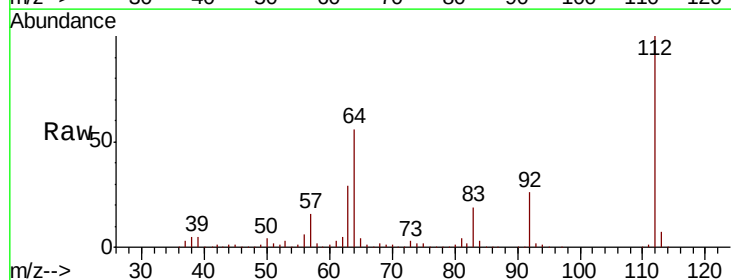
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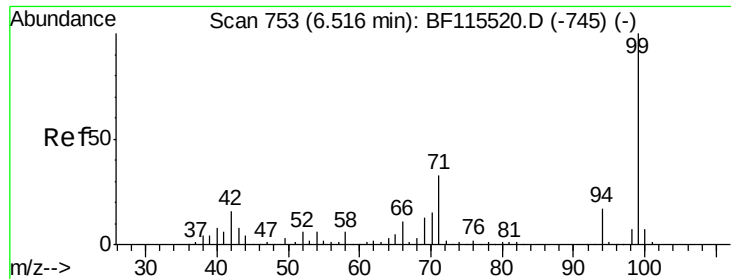
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#5
 2-Fluorophenol
 Concen: 78.419 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.8	70.2
63	28.6	24.1	36.1





#7

Phenol-d6

Concen: 78.388 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115651.D

Acq: 18 Jul 2019 16:57

Instrument :

BNA_F

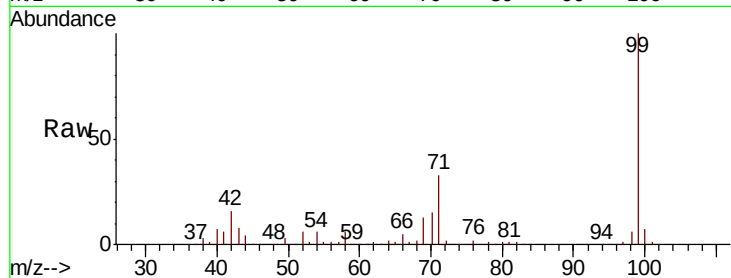
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HJDC-GRABD

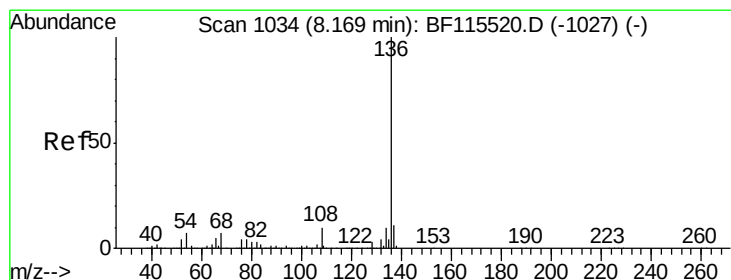
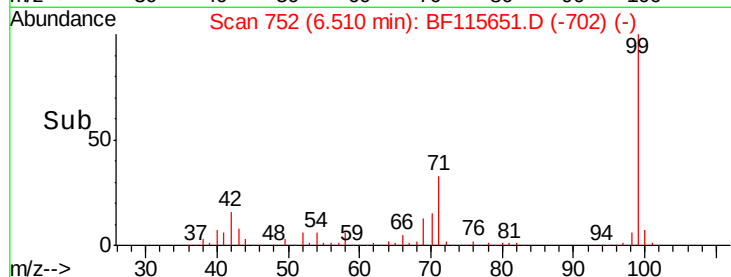
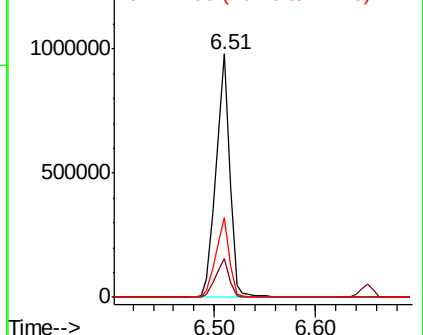
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		936511		
42	16.1	13.6	20.4		
71	32.7	28.5	42.7		

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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

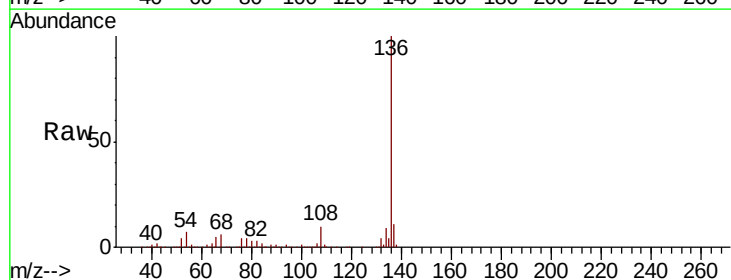
RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

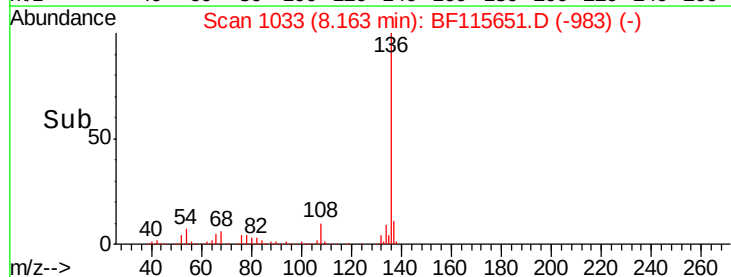
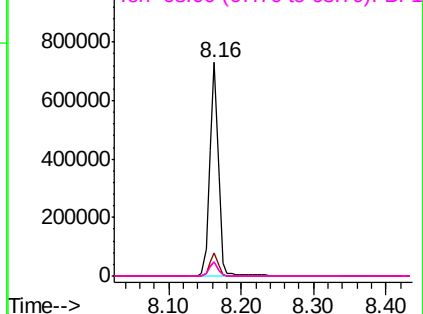
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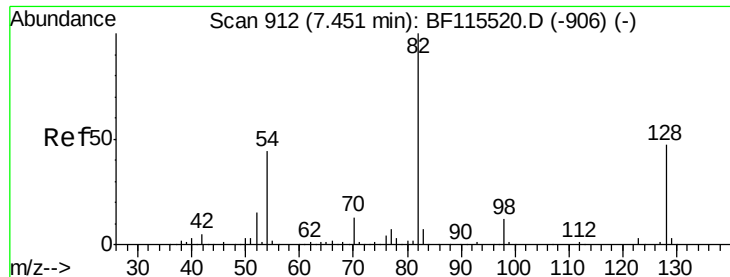
Acq: 18 Jul 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		605625		
137	11.1	9.0	13.4		
54	6.9	5.6	8.4		
68	6.4	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





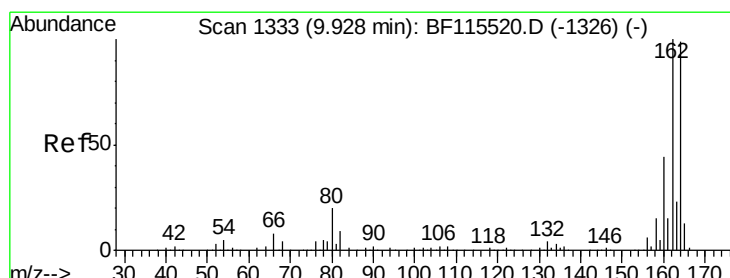
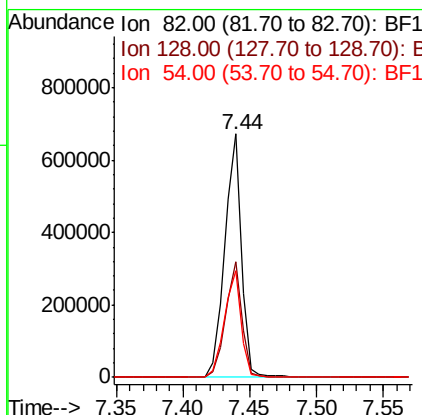
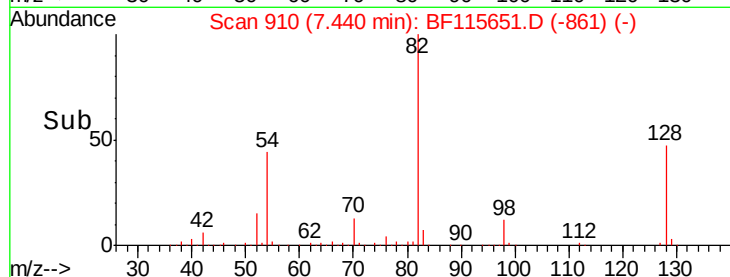
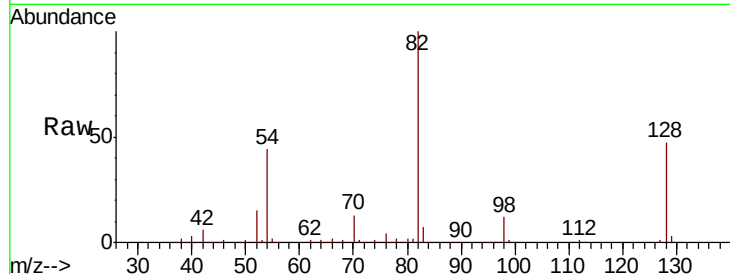
#23
Nitrobenzene-d5
Concen: 57.528 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	82	Resp	599180
Ion Ratio	100	Lower	Upper
82	100		
128	47.3	38.6	57.8
54	43.7	35.6	53.4

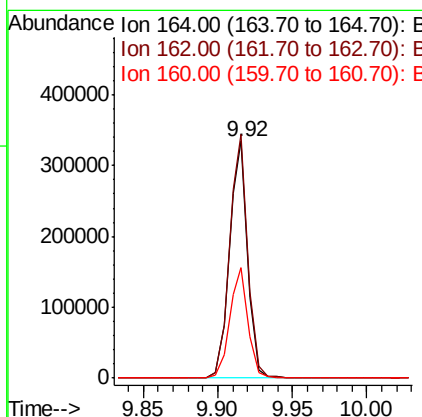
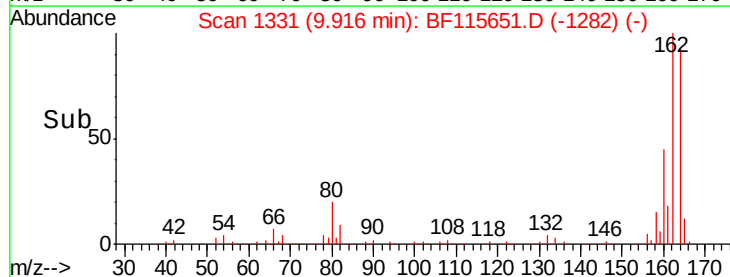
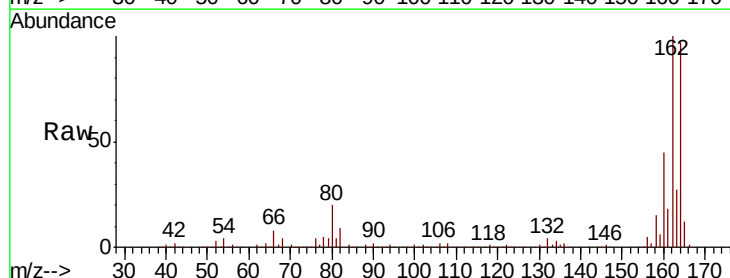
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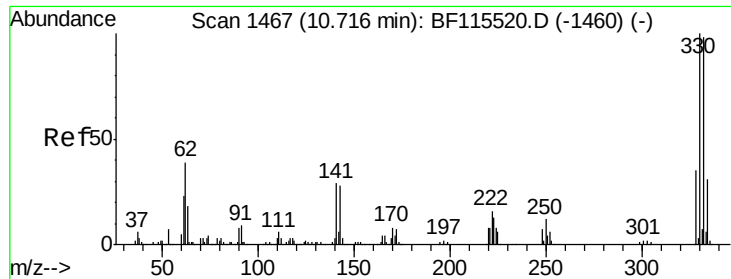
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Tgt Ion	164	Resp	286343
Ion Ratio	100	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	46.5	36.8	55.2





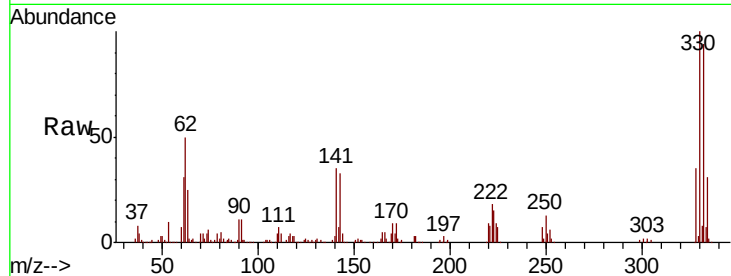
#42
 2,4,6-Tribromophenol
 Concen: 76.594 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	256000		
332	93.9		77.4	116.2
141	32.3		22.4	33.6

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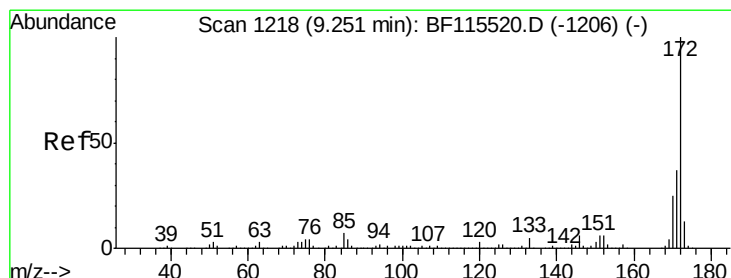
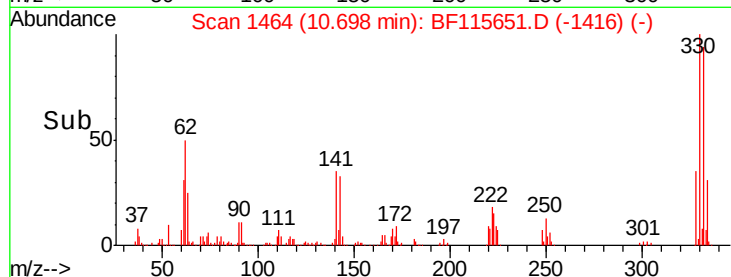
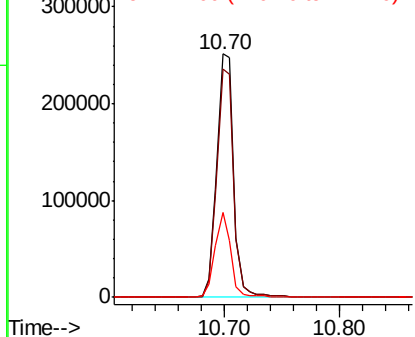


Abundance

Ion 329.80 (329.50 to 330.50): E

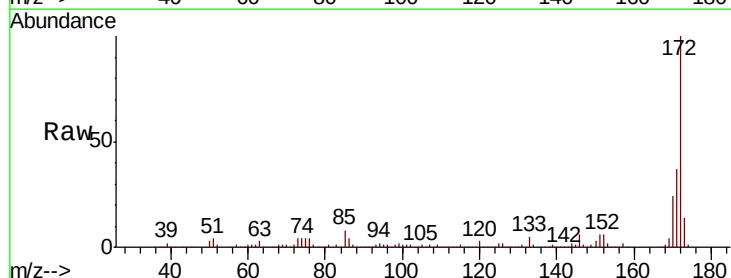
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.853 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1093697		
171	37.2		30.6	46.0
170	24.4		20.5	30.7

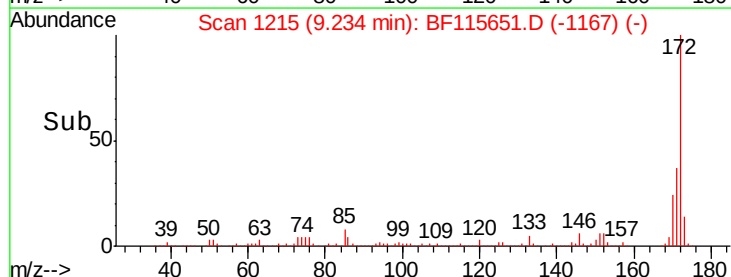
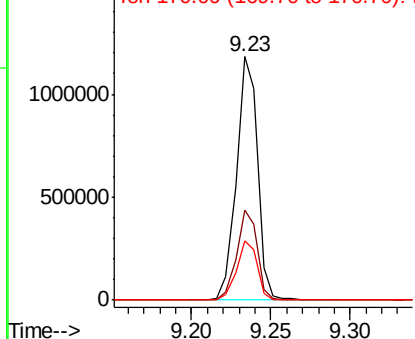


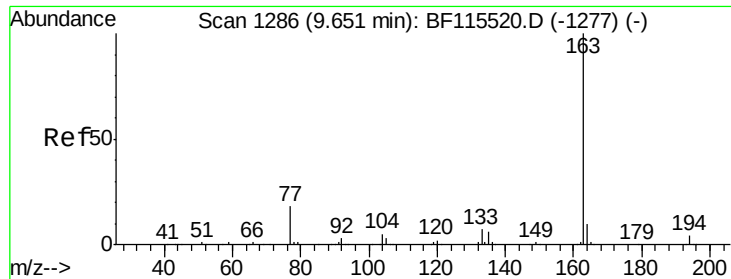
Abundance

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





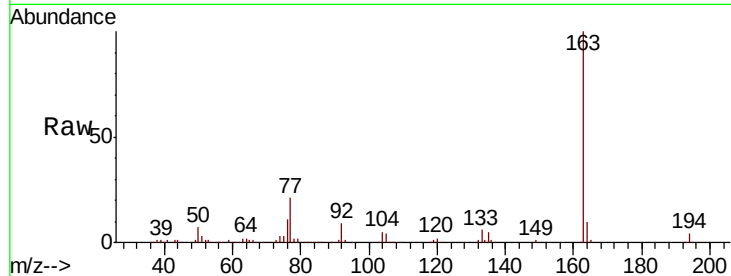
#50
Dimethylphthalate
Concen: 7.322 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	157738		
194	3.7		3.3	4.9
164	10.3		8.7	13.1

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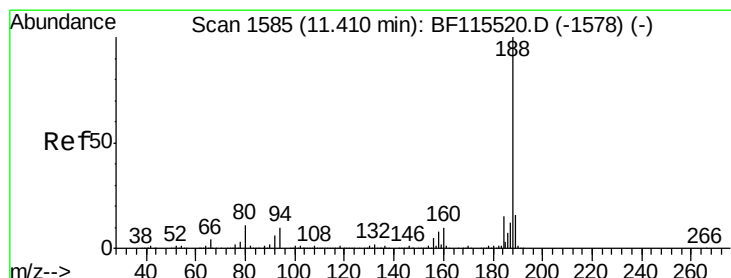
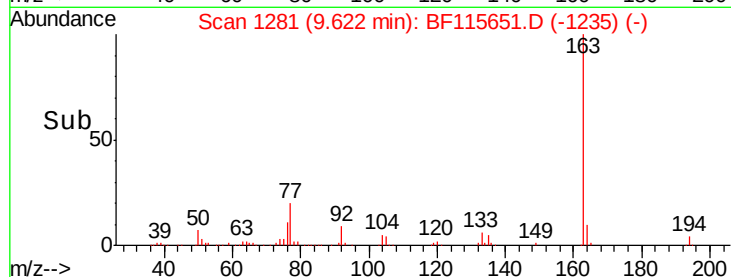
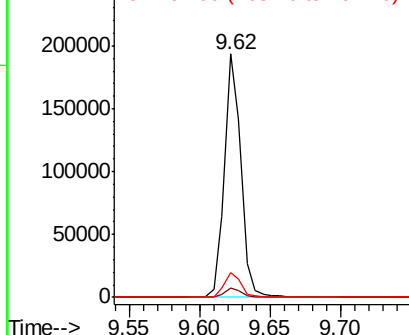


Abundance

Ion 163.00 (162.70 to 163.70): E

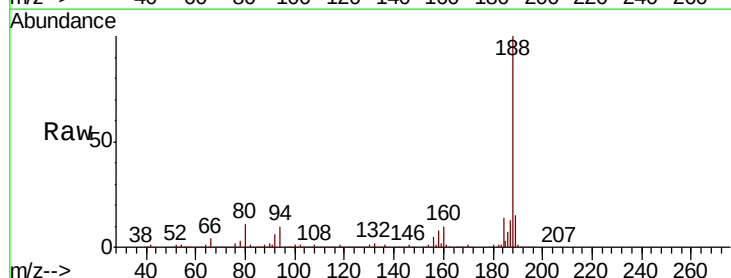
Ion 194.00 (193.70 to 194.70): E

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: BF115651.D
Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	521284		
94	10.0		7.8	11.6
80	10.7		8.6	13.0

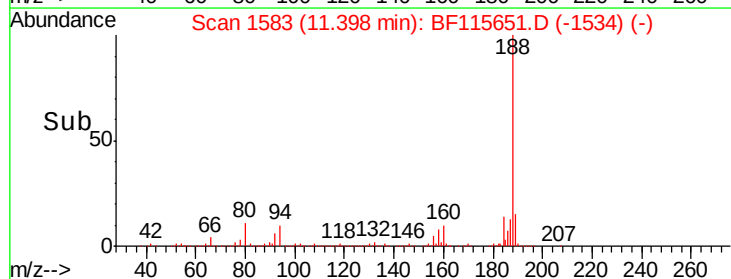
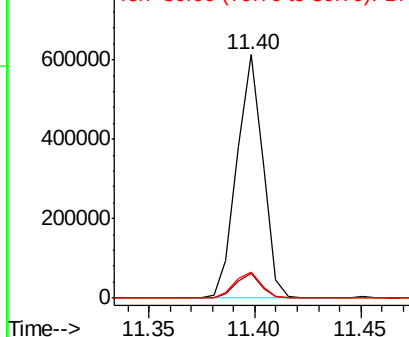


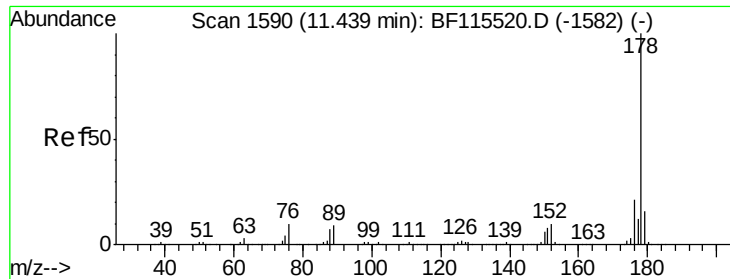
Abundance

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





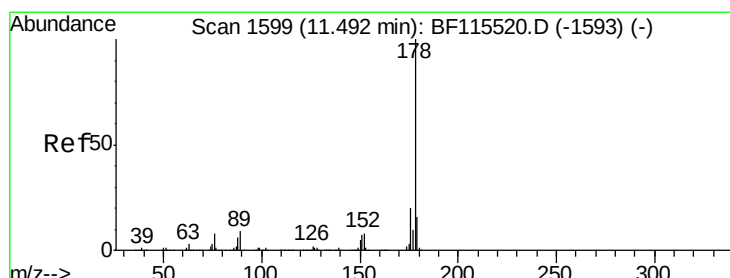
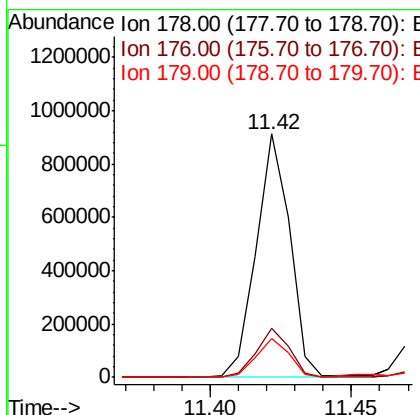
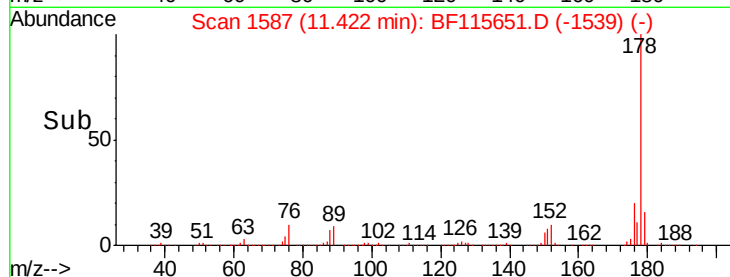
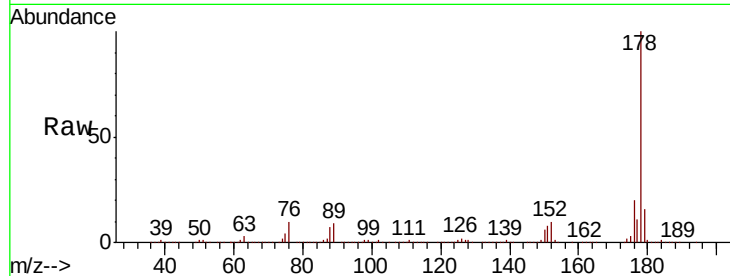
#71
Phenanthrene
Concen: 28.206 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.2	25.8
179	16.1	13.5	20.3

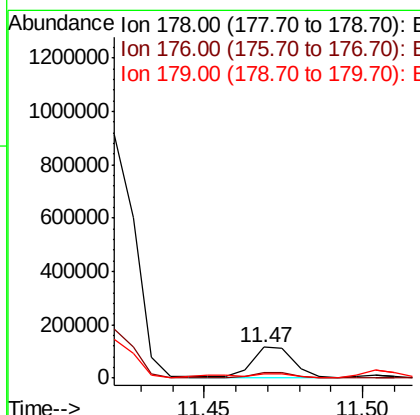
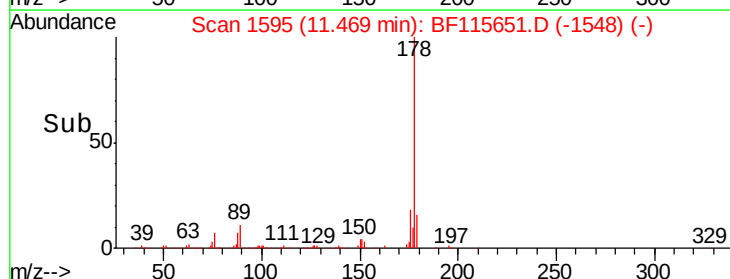
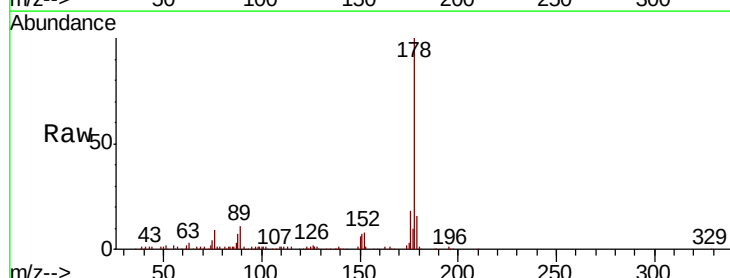
Manual Integrations
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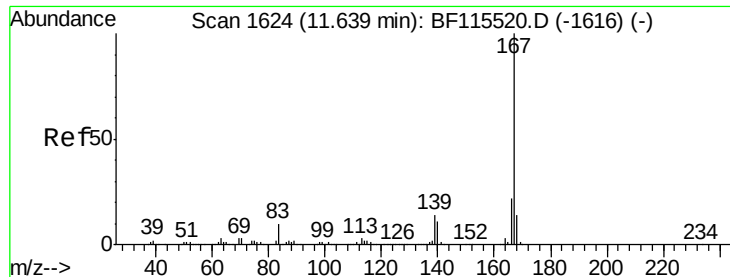
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#72
Anthracene
Concen: 3.791 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.02 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	16.0	12.7	19.1





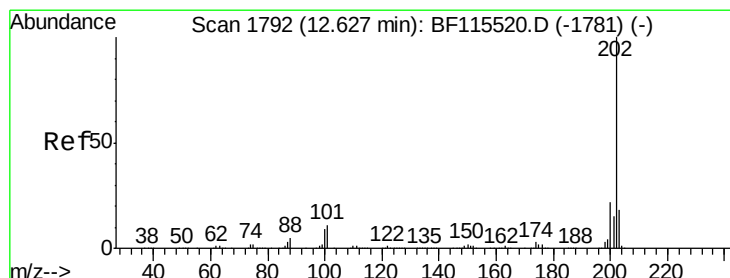
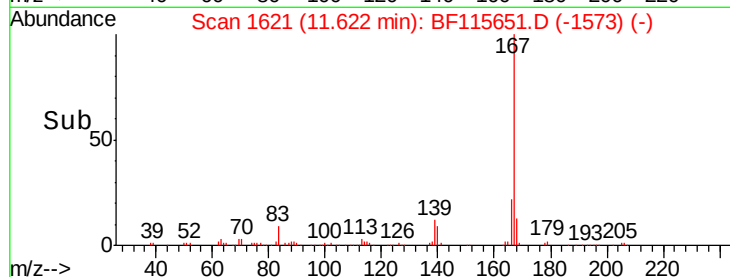
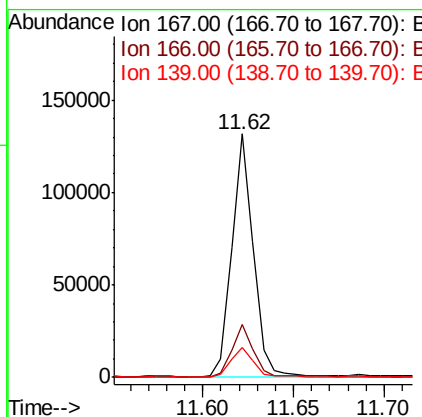
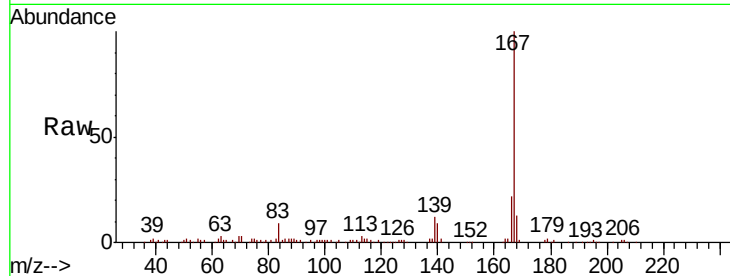
#73
 Carbazole
 Concen: 4.540 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.1	11.3	16.9

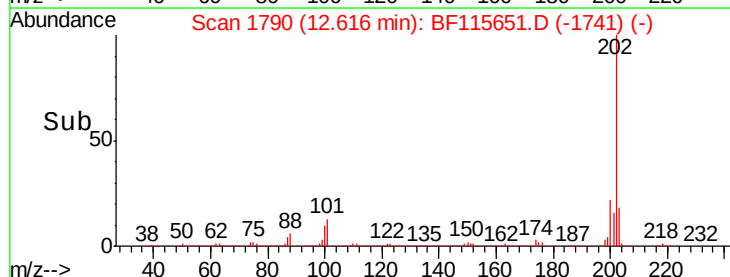
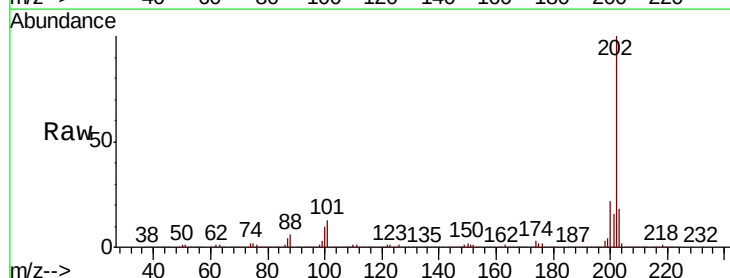
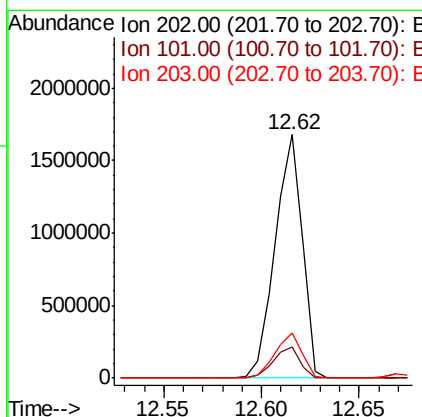
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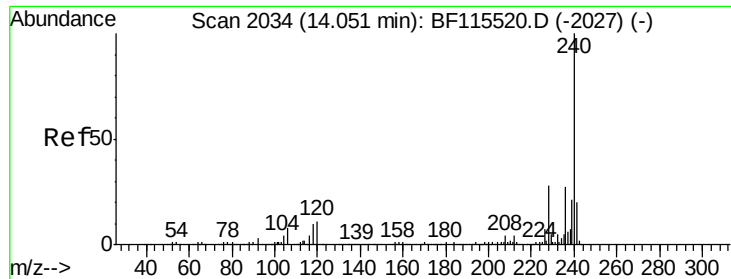
mohammad
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#75
 Fluoranthene
 Concen: 57.294 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.4
203	18.5	0.0	38.1





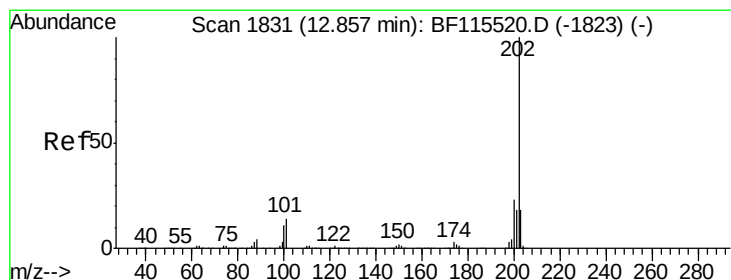
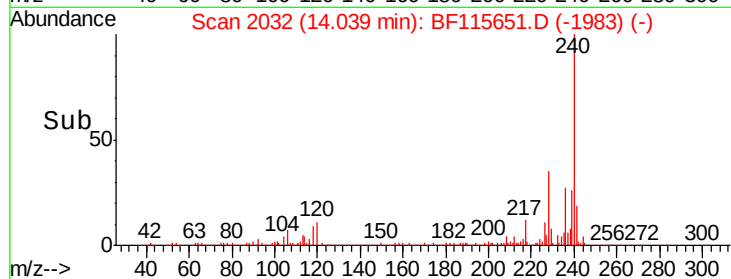
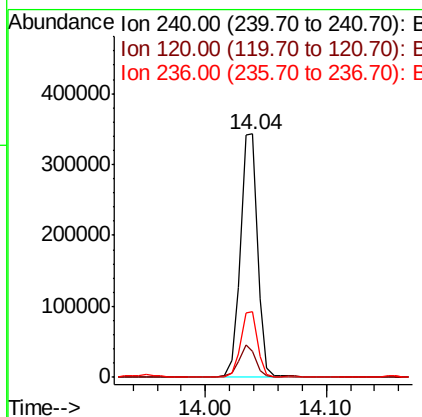
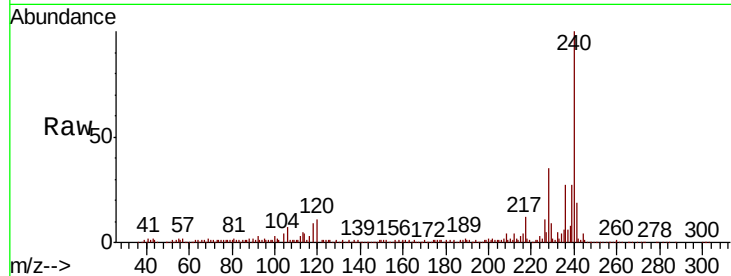
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.6	13.0
236	27.1	21.3	31.9

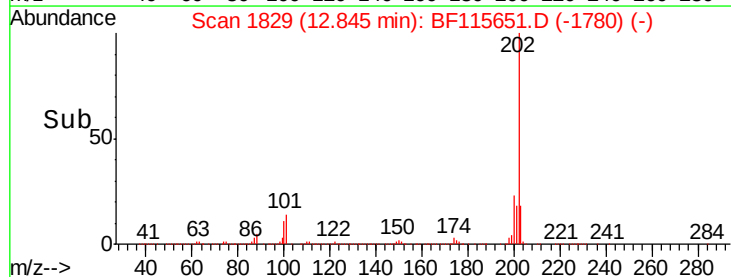
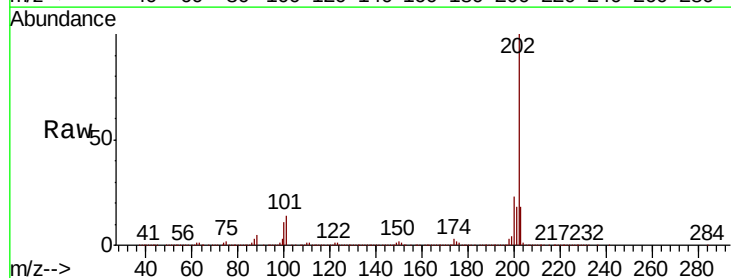
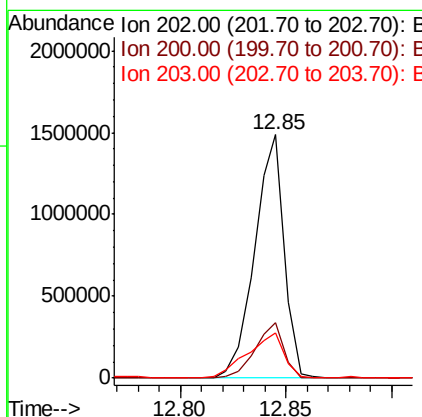
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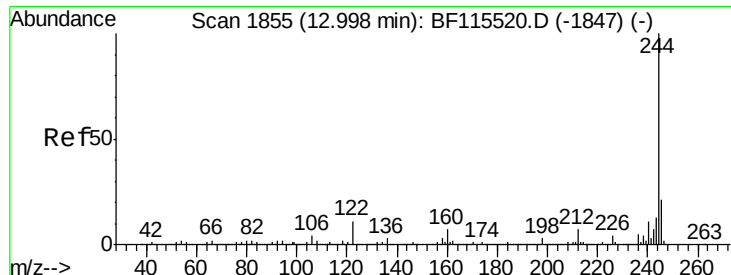
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#78
Pyrene
Concen: 49.676 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.7	28.1
203	18.4	15.2	22.8





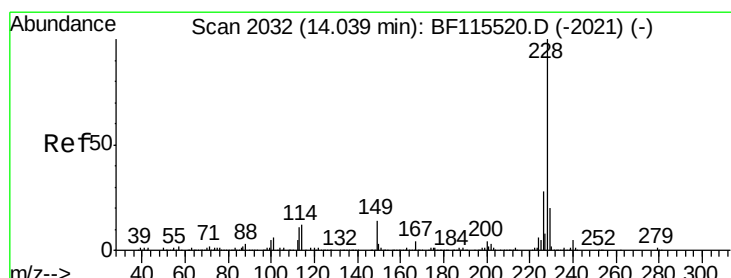
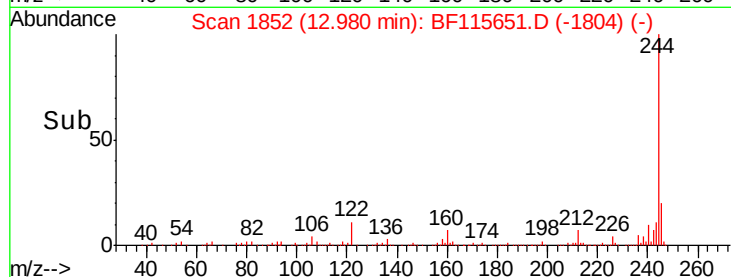
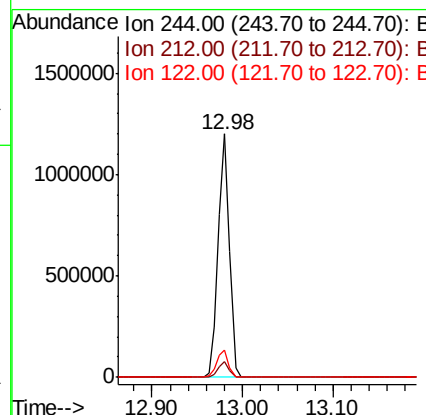
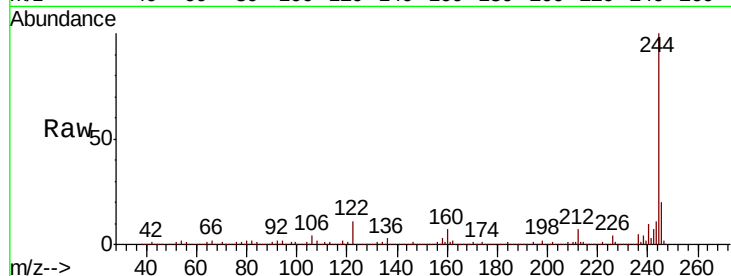
#79
 Terphenyl-d14
 Concen: 56.385 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	11.4	8.6	12.8

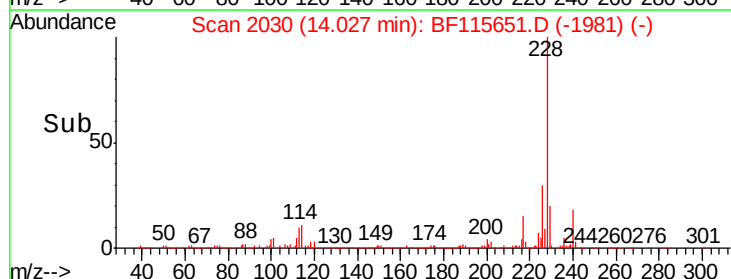
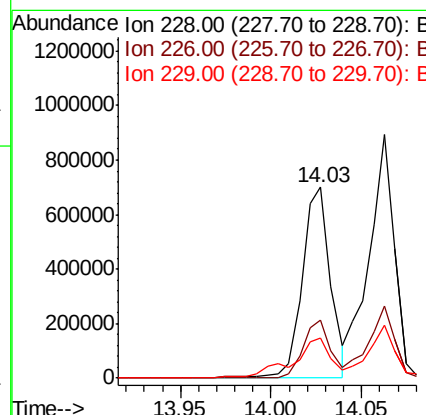
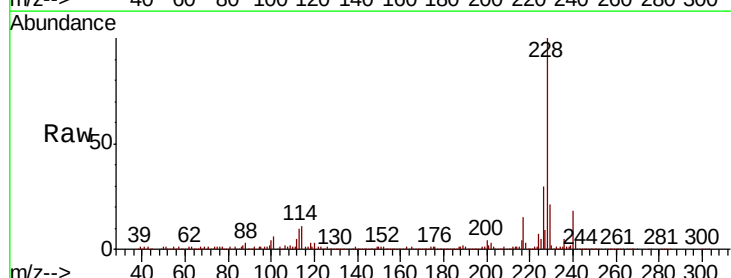
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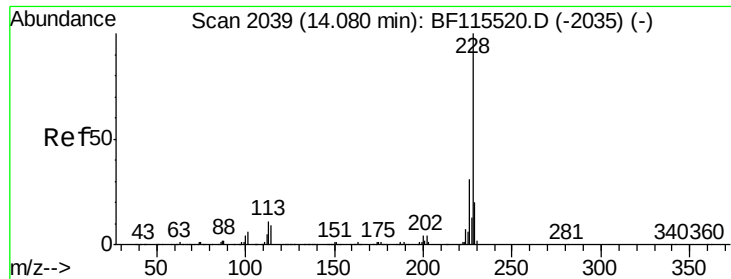
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#81
 Benzo(a)anthracene
 Concen: 33.893 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	20.8	17.2	25.8





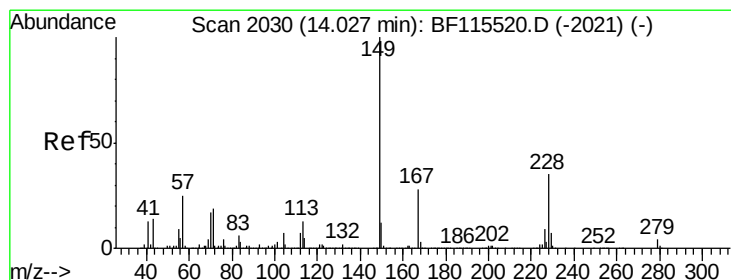
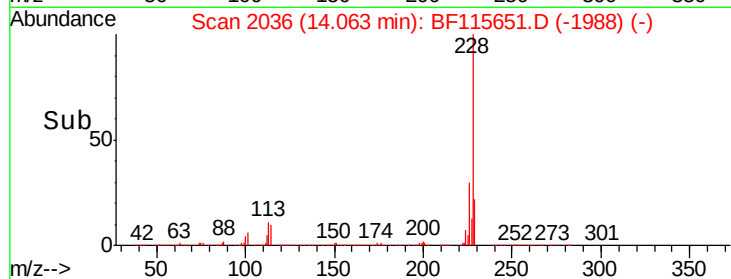
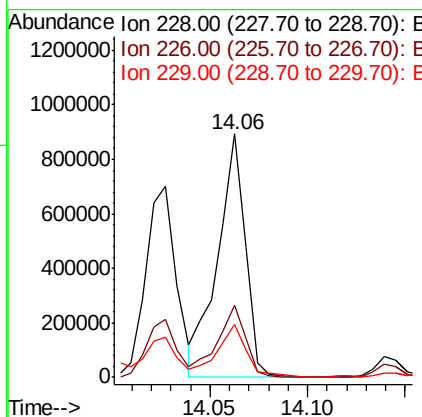
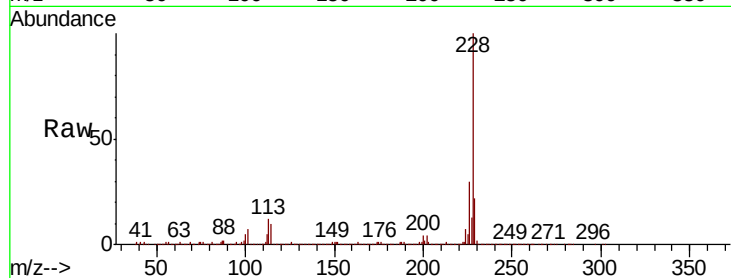
#83
Chrysene
Concen: 38.807 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Instrument :
BNA_F
ClientSampleID :
HJDC-GRABD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	21.9	16.6	25.0

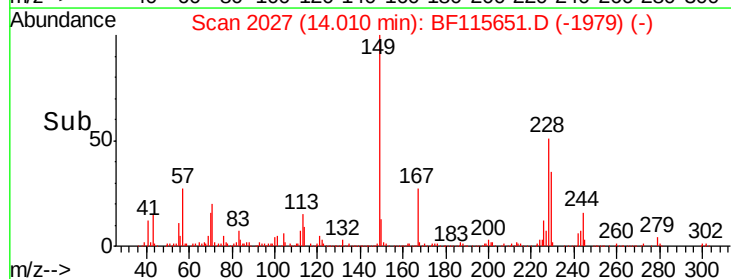
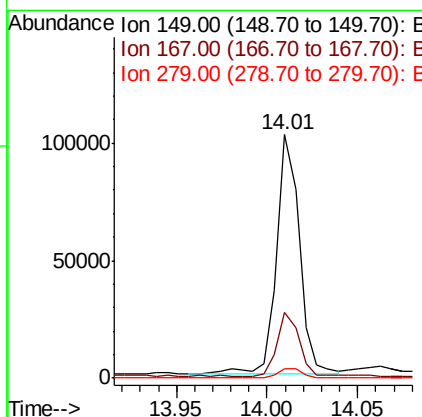
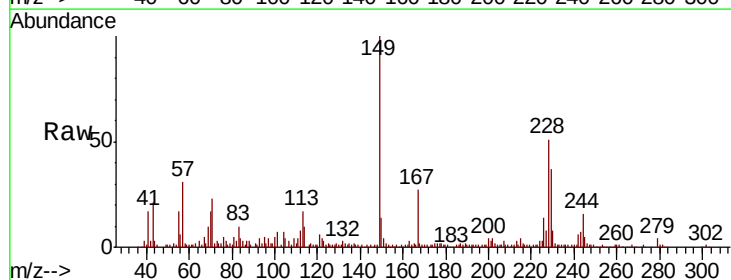
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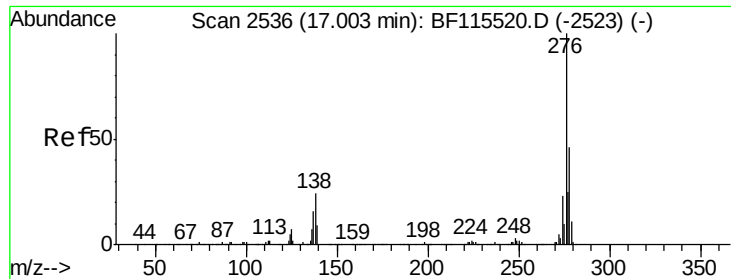
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#84
Bis(2-ethylhexyl)phthalate
Concen: 5.772 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.0	34.4
279	3.9	4.2	6.2#





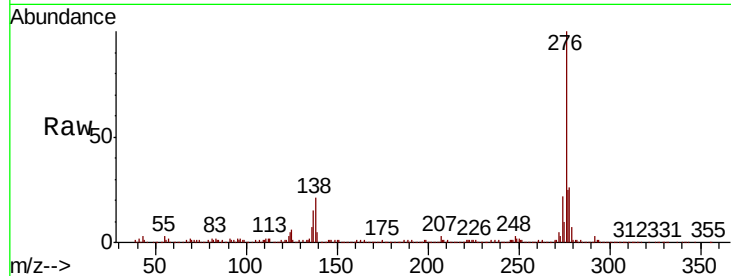
#86
Indeno(1,2,3-cd)pyrene
Concen: 25.308 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	20.2	30.2
277	23.4	20.4	30.6

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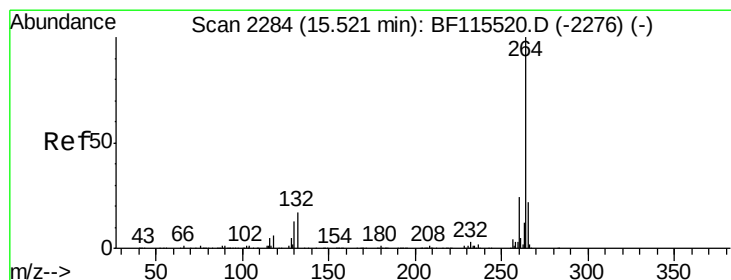
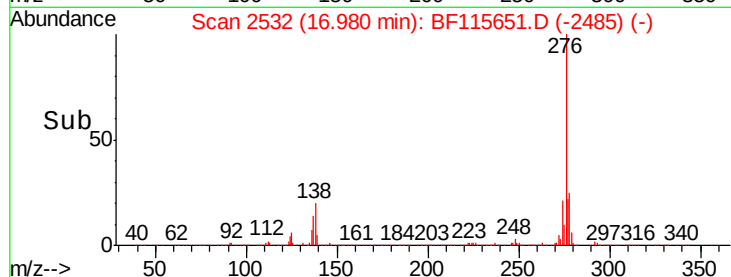
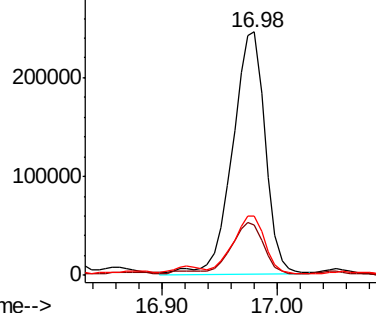


Abundance

Ion 276.00 (275.70 to 276.70): E

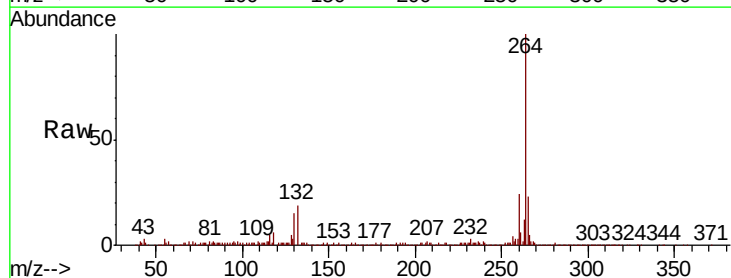
Ion 138.00 (137.70 to 138.70): E

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: BF115651.D
Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	23.0	17.7	26.5

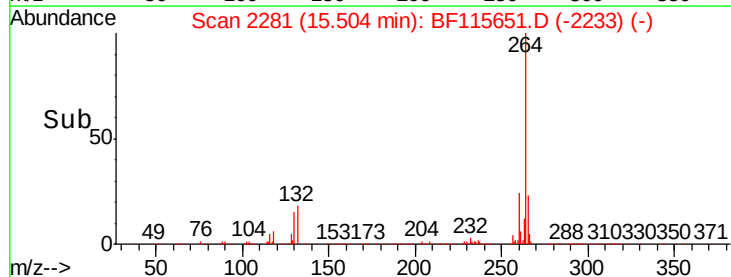
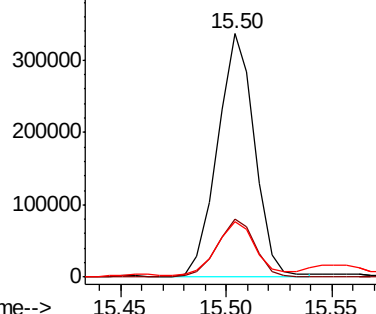


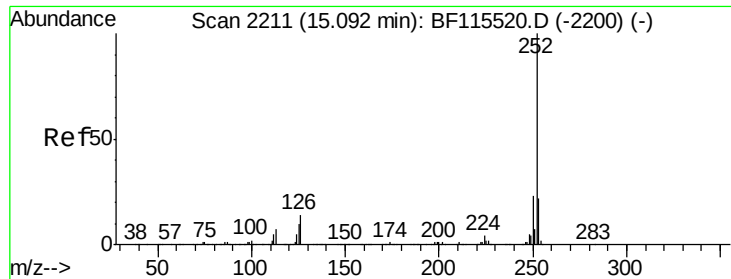
Abundance

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





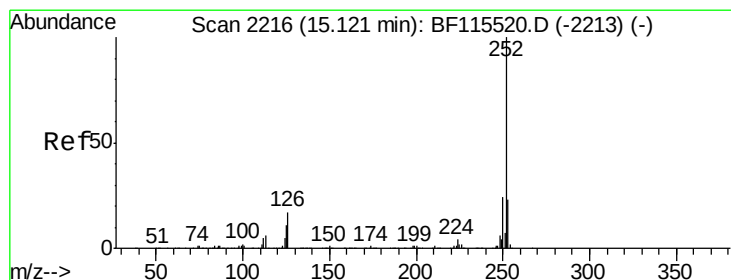
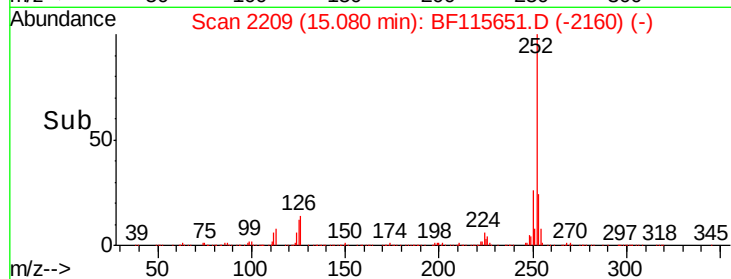
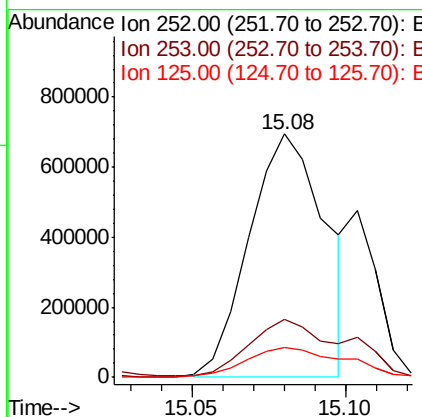
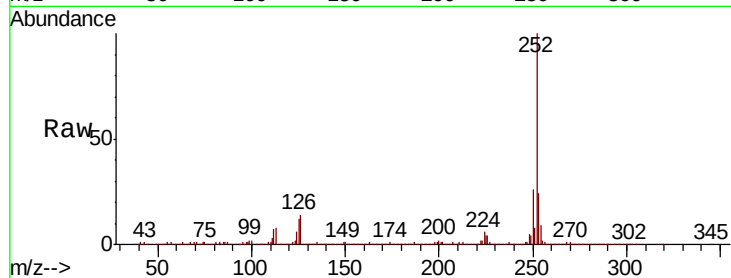
#88
Benzo(b)fluoranthene
Concen: 45.611 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.3	9.0	13.4

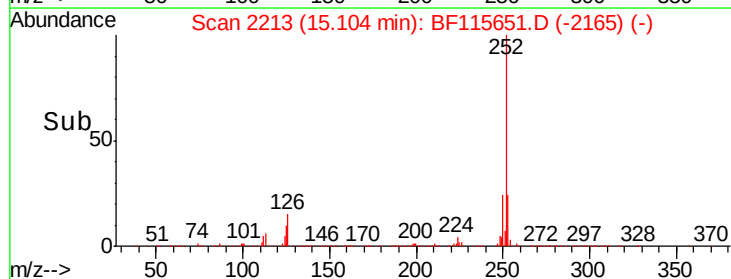
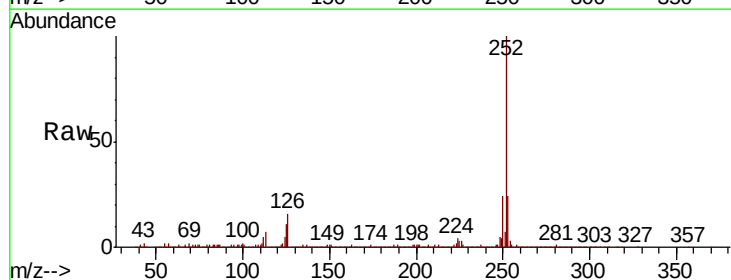
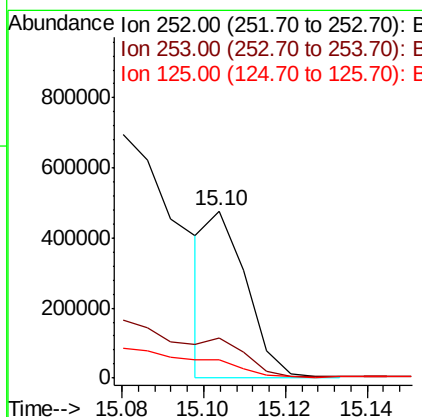
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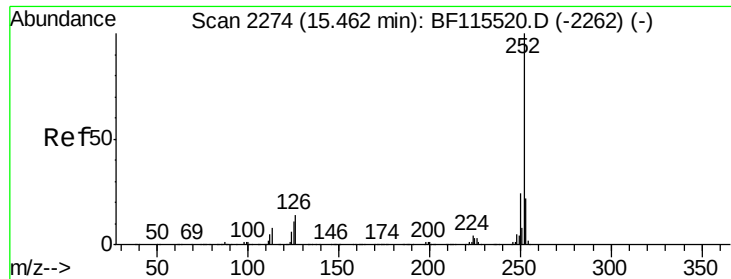
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#89
Benzo(k)fluoranthene
Concen: 13.224 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	28.0
125	11.0	9.0	13.6





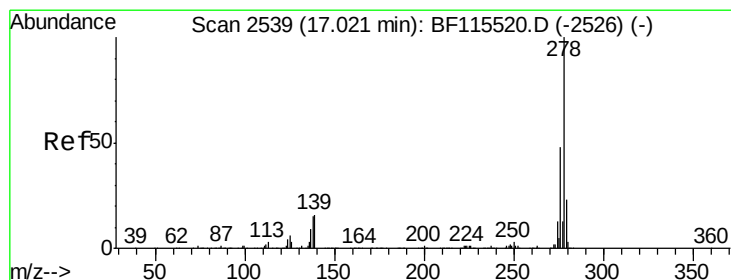
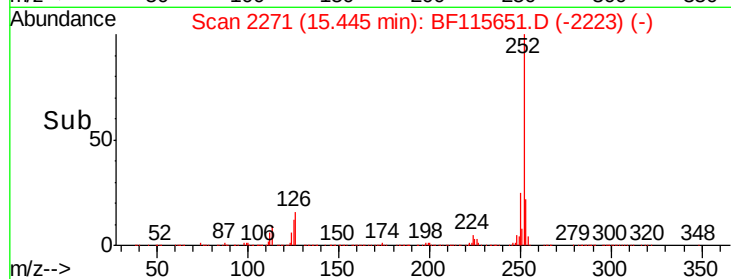
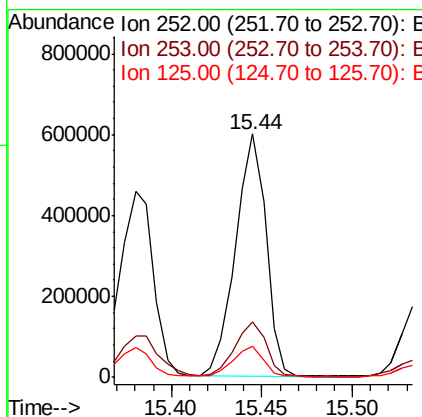
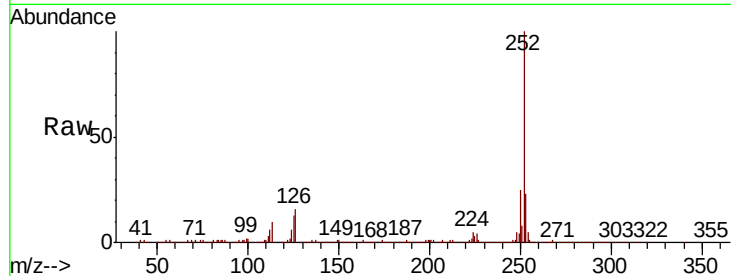
#90
Benzo(a)pyrene
Concen: 31.128 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Instrument :
BNA_F
ClientSampleId :
HJDC-GRABD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.6	9.1	13.7

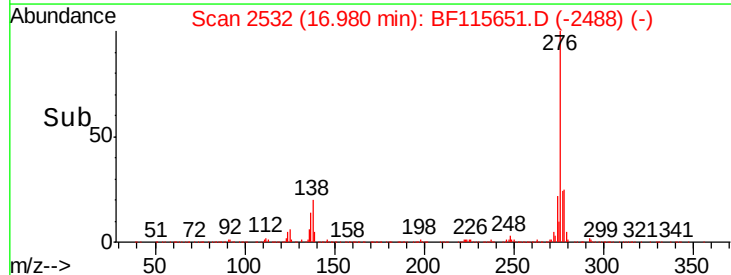
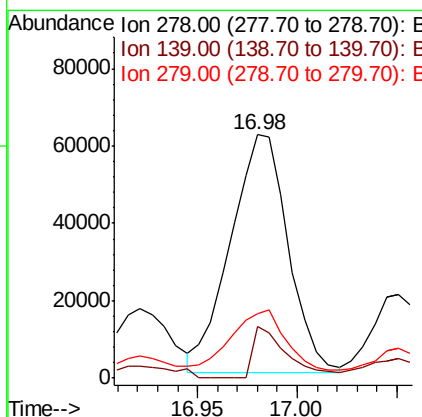
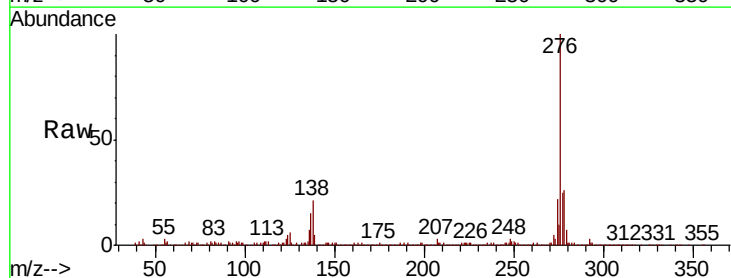
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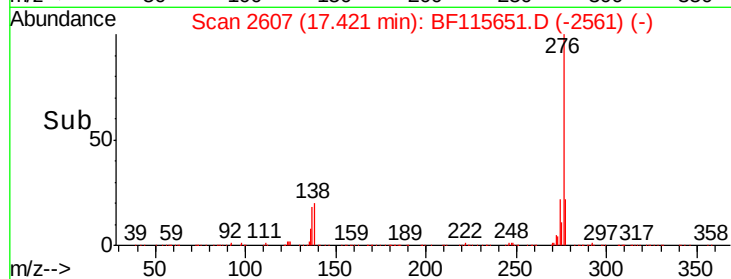
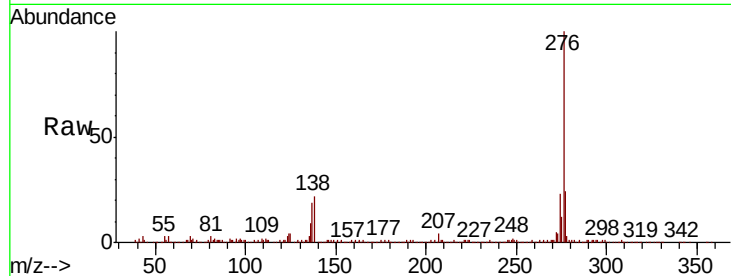
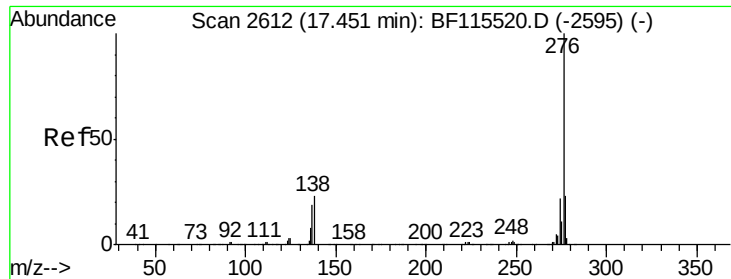
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#91
Dibenzo(a,h)anthracene
Concen: 6.237 ng m
RT: 16.98 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BF115651.D
Acq: 18 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	13.1	19.7#
279	26.5	19.6	29.4





#92
 Benzo(a,h,i)perylene
 Concen: 20.830 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.03 min
 Lab File: BF115651.D
 Acq: 18 Jul 2019 16:57

Tot Ion:	276	Resp:	411029
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	22.0	17.2	25.8

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-GRABD

Manual Integrations
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