

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115670.D
 Acq On : 19 Jul 2019 12:07
 Operator : HP/JU
 Sample : K3618-05 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-071719

Manual Integrations
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 7/22/2019 10:01:16 AM

Quant Time: Jul 19 15:10:23 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	210081	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	832830	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	393157	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	667814	20.00	ng	0.00
76) Chrysene-d12	14.04	240	386879	20.00	ng	0.00
87) Perylene-d12	15.52	264	435841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	502689	39.14	ng	0.00
7) Phenol-d6	6.50	99	664280	40.76	ng	-0.01
23) Nitrobenzene-d5	7.43	82	411753	28.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	161260	35.14	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	735748	32.75	ng	-0.01
79) Terphenyl-d14	12.99	244	578506	27.59	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	152288	5.148	ng	Qvalue 98
71) Phenanthrene	11.43	178	230578	6.736	ng	96
75) Fluoranthene	12.62	202	230752	6.379	ng	98
78) Pyrene	12.84	202	256363	7.821	ng	97
81) Benzo(a)anthracene	14.03	228	76036	2.983	ng	97
83) Chrysene	14.07	228	98782	3.861	ng	96
88) Benzo(b)fluoranthene	15.09	252	93762m	3.341	ng	
90) Benzo(a)pyrene	15.45	252	69799	2.894	ng	# 95
92) Benzo(g,h,i)perylene	17.44	276	44157	2.091	ng	94

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

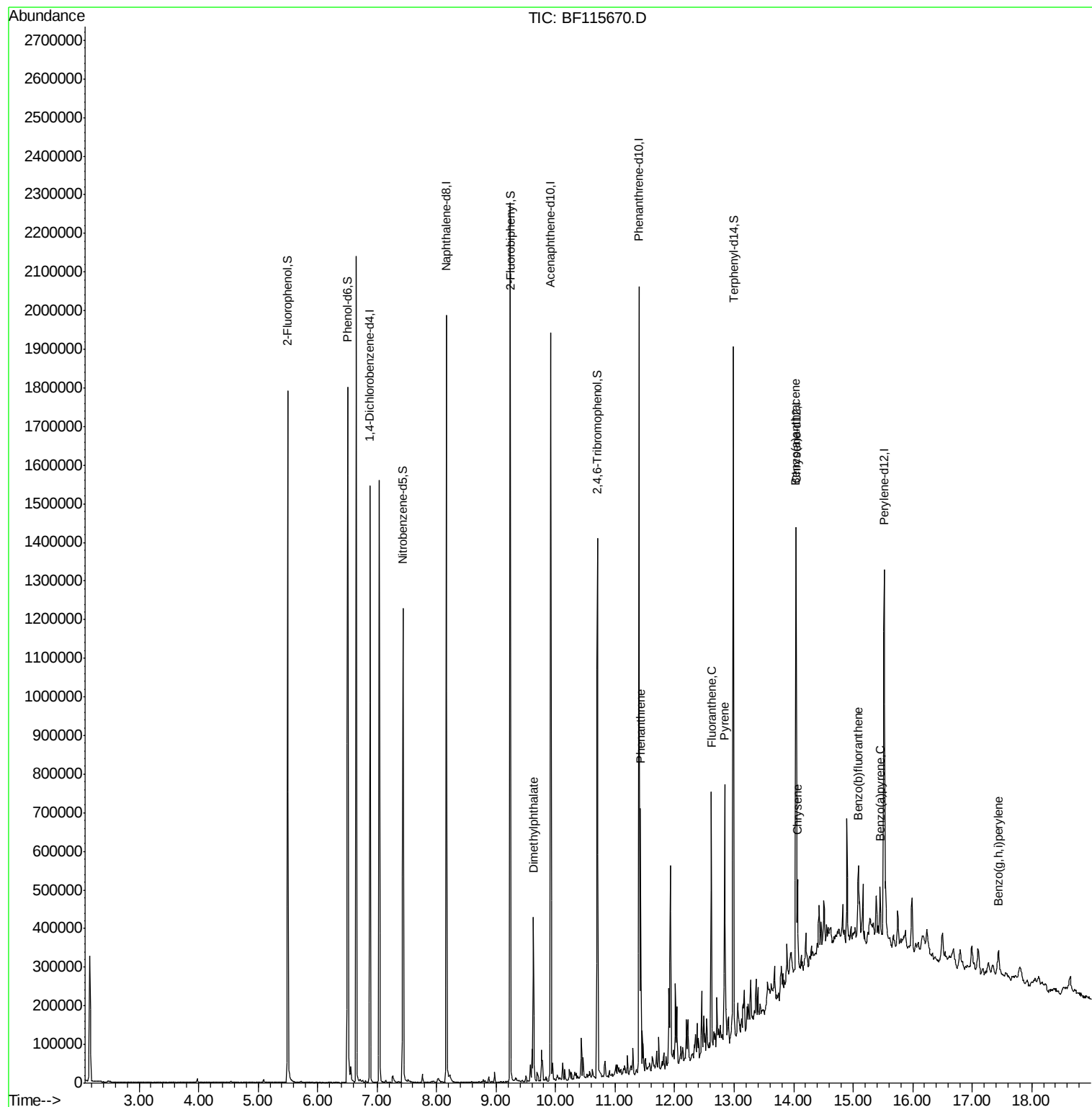
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115670.D
Acq On : 19 Jul 2019 12:07
Operator : HP/JU
Sample : K3618-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

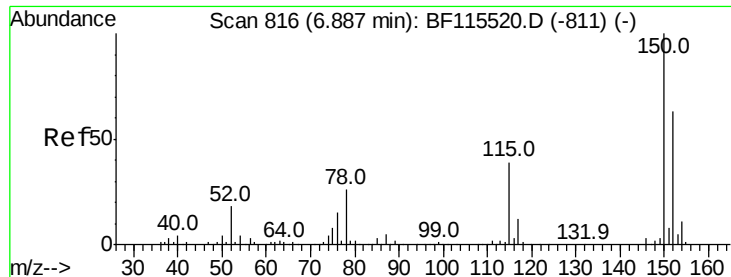
Instrument :
BNA_F
ClientSampleID :
HD-01-071719

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Quant Time: Jul 19 15:10:23 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

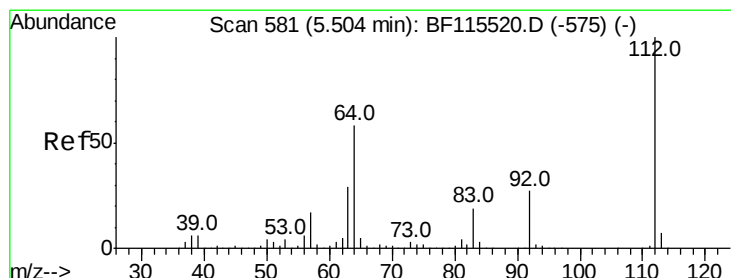
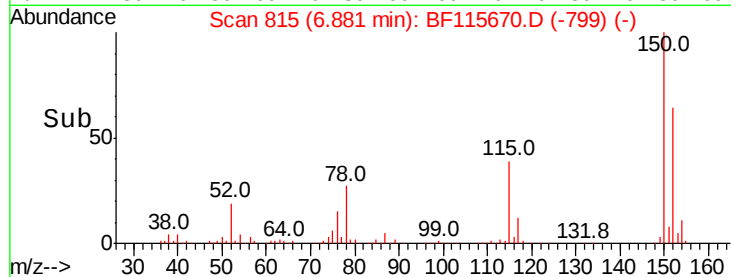
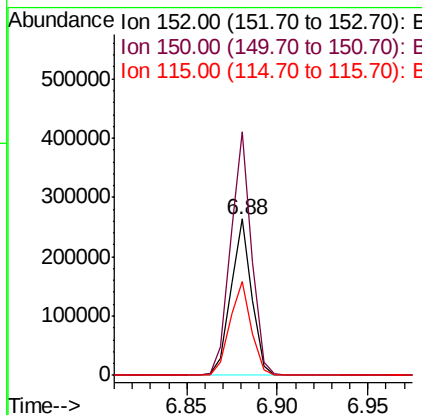
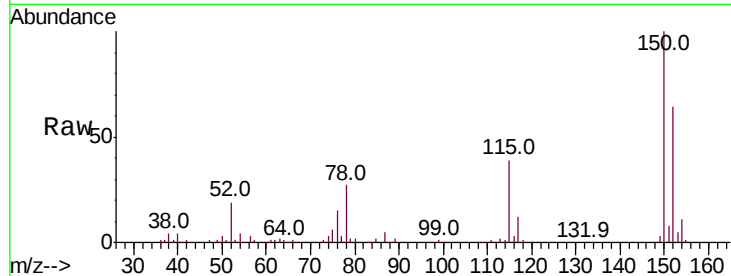
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampled :
HD-01-071719

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.7	194.5
115	60.5	48.2	72.4

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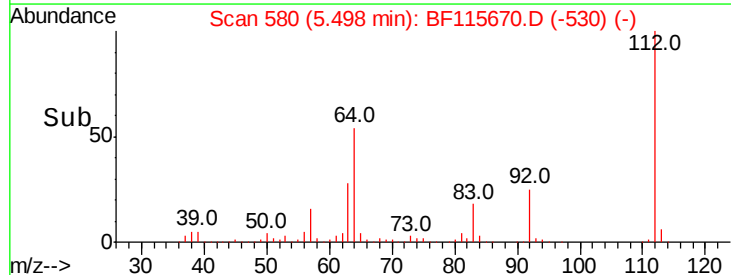
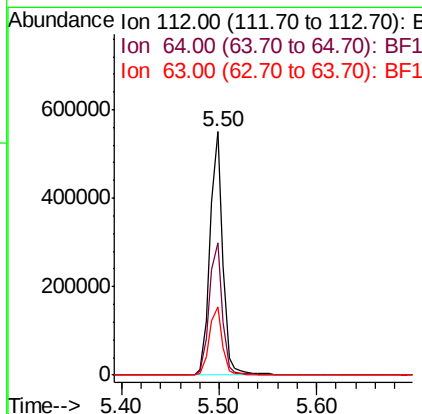
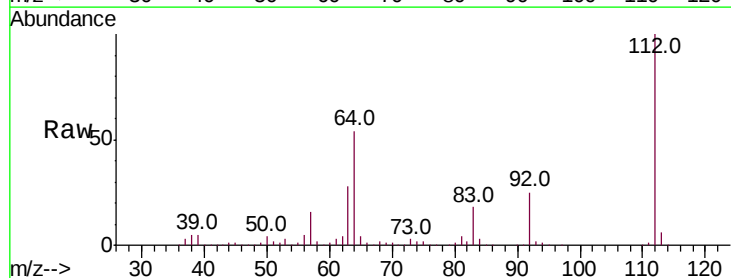
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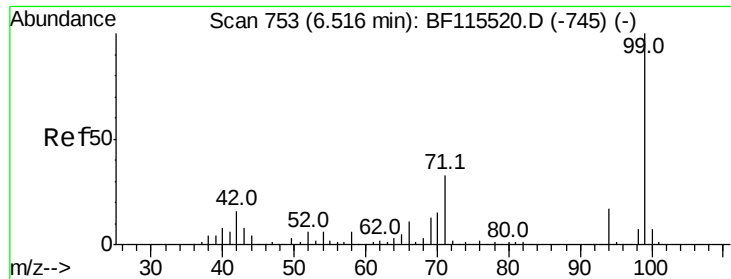


#5

2-Fluorophenol
Concen: 39.140 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.8	70.2
63	27.8	24.1	36.1





#7

Phenol-d6

Concen: 40.761 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115670.D

Acq: 19 Jul 2019 12:07

Instrument :

BNA_F

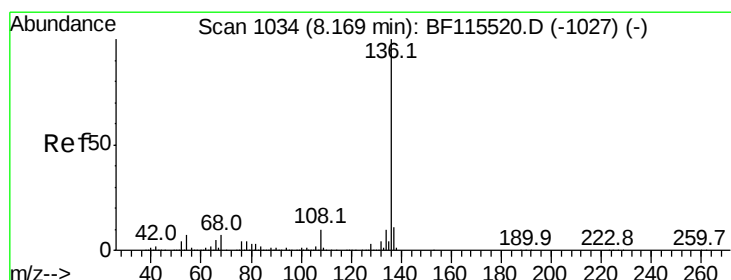
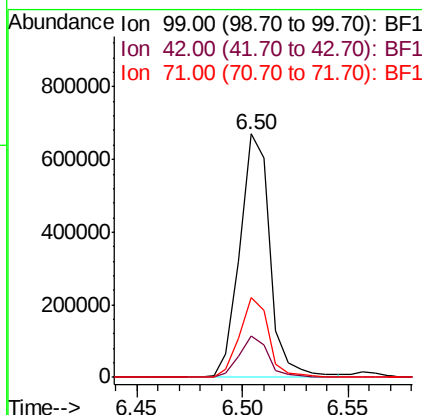
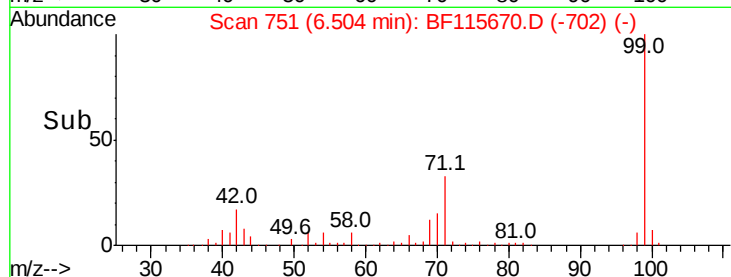
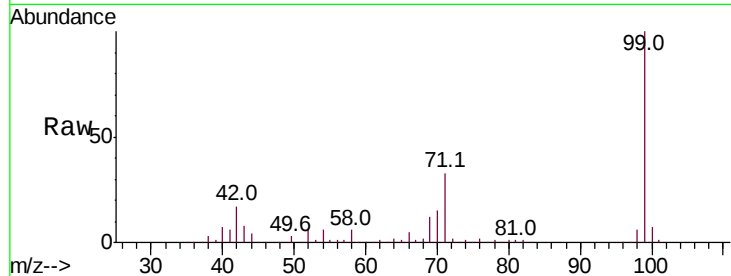
ClientSampleId :

HD-01-071719

Tot Ion:	99	Resp:	664280
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.6	20.4
71	33.0	28.5	42.7

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#21

Naphthalene-d8

Concen: 20.000 ng

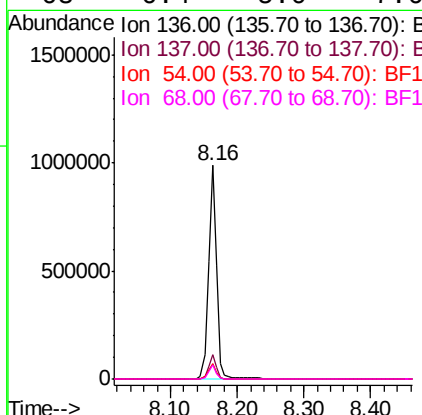
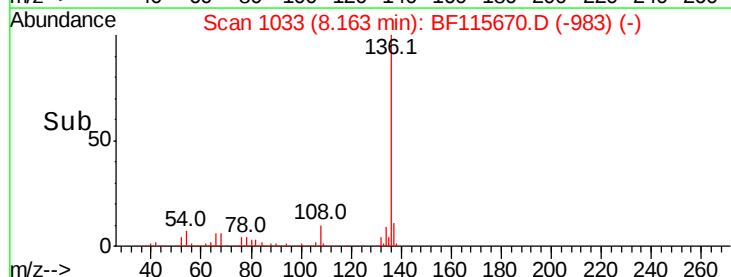
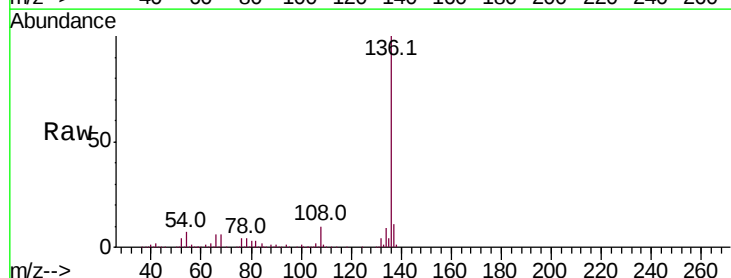
RT: 8.16 min Scan# 1033

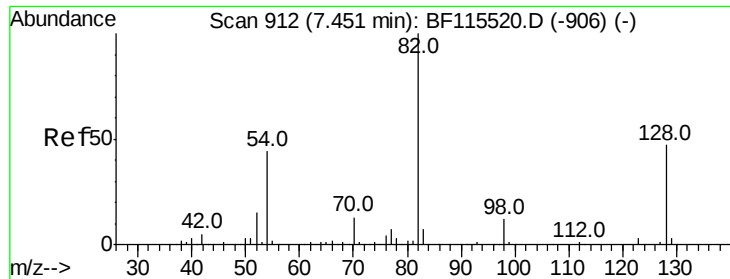
Delta R.T. -0.01 min

Lab File: BF115670.D

Acq: 19 Jul 2019 12:07

Tgt Ion:	136	Resp:	832830
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.0	5.6	8.4
68	6.4	5.0	7.6





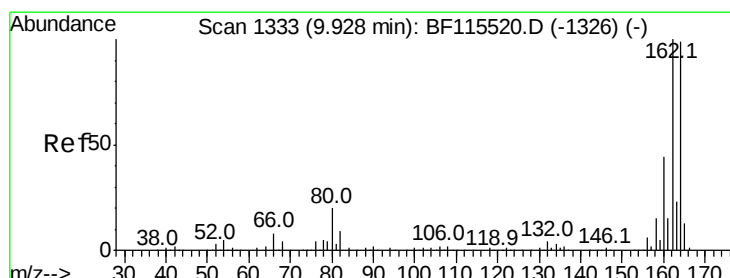
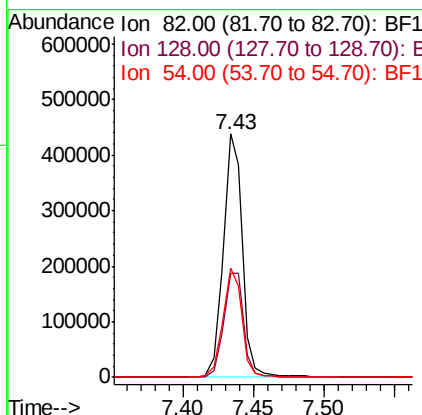
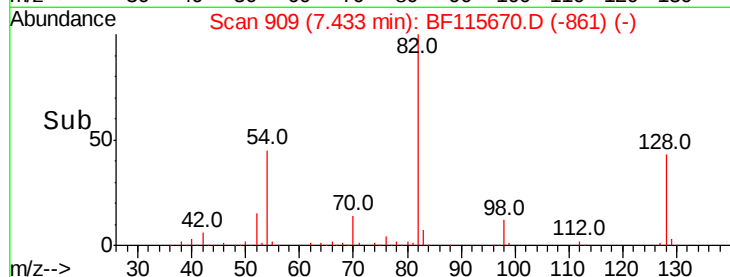
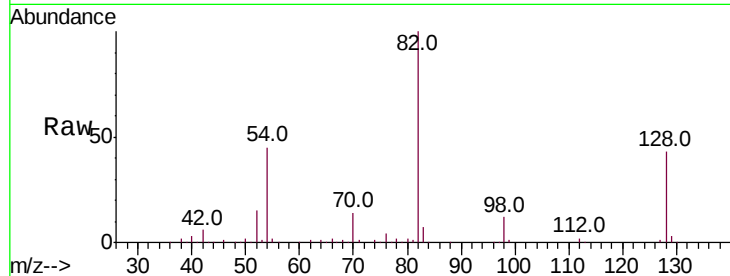
#23
Nitrobenzene-d5
Concen: 28.748 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :
HD-01-071719

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	38.6	57.8
54	45.0	35.6	53.4

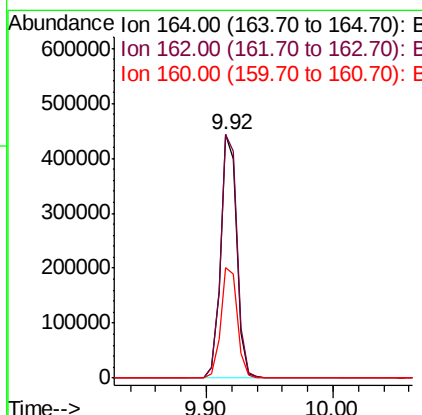
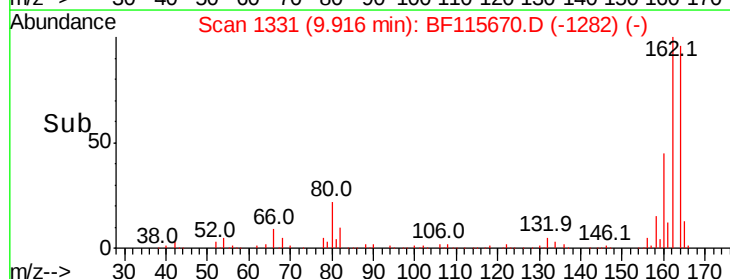
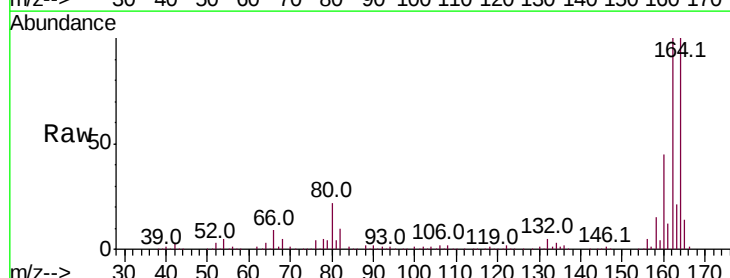
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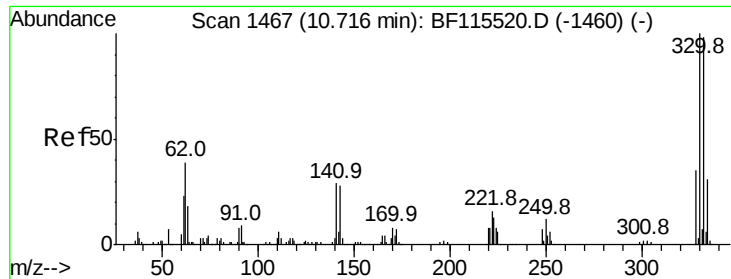
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.9	124.3
160	45.2	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 35.140 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115670.D

Acq: 19 Jul 2019 12:07

Instrument :

BNA_F

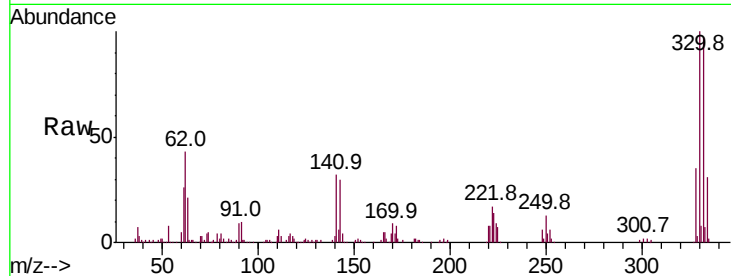
ClientSampleId :

HD-01-071719

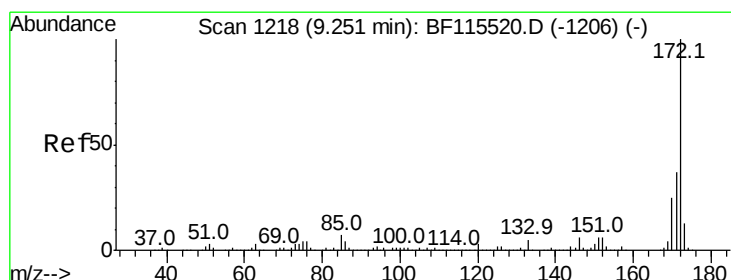
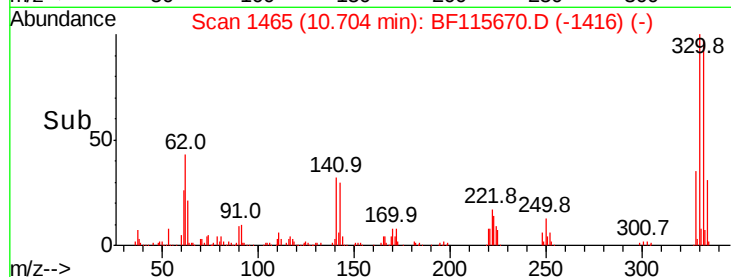
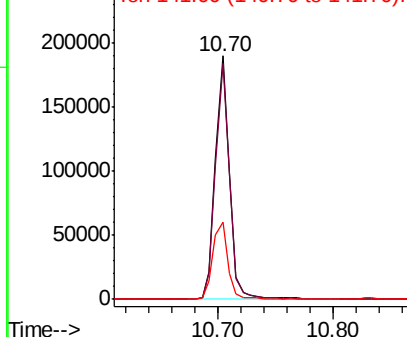
Tot Ion	Ratio	Resp	Lower	Upper
330	100	161260		
332	97.0	77.4	116.2	
141	33.9	22.4	33.6#	

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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: 32.755 ng

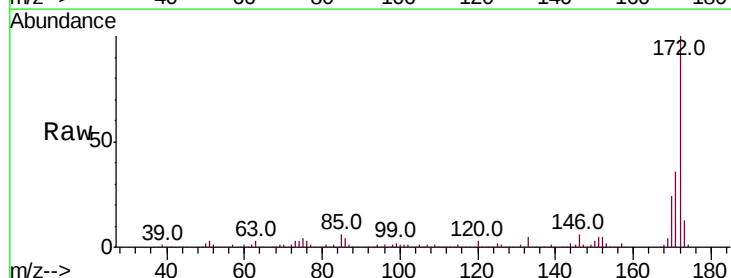
RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

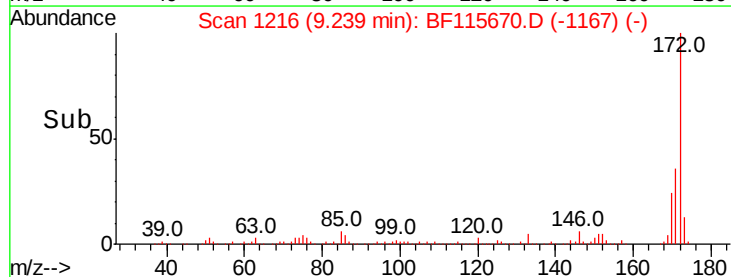
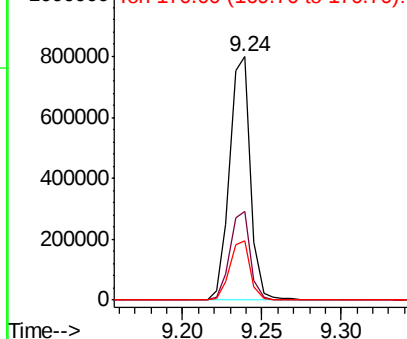
Lab File: BF115670.D

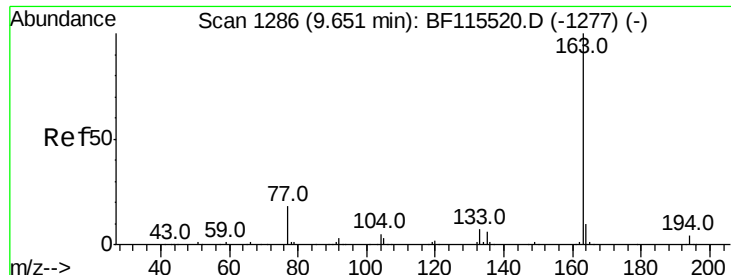
Acq: 19 Jul 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	735748		
171	36.4	30.6	46.0	
170	24.3	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





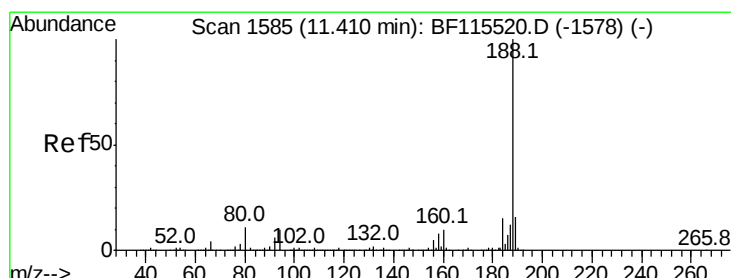
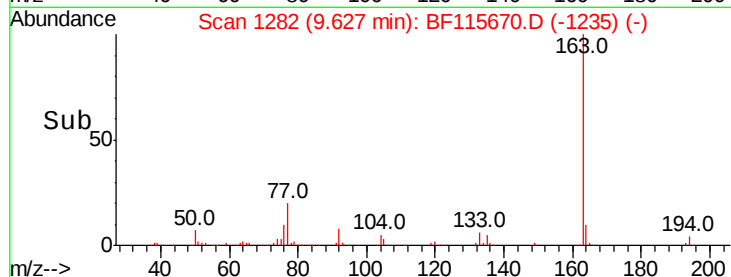
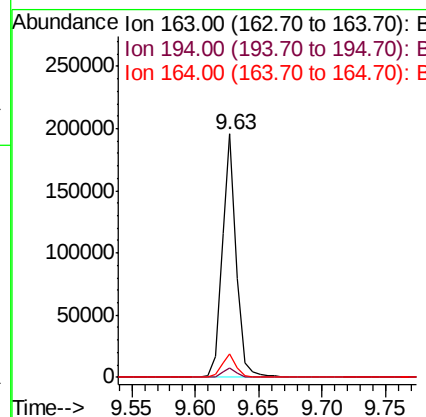
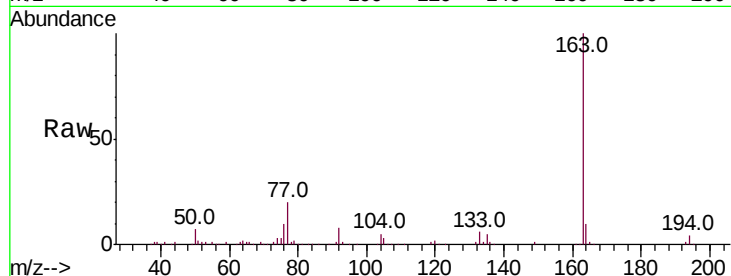
#50
Dimethylphthalate
Concen: 5.148 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleID :
HD-01-071719

Tot Ion	Ratio	Resp	Lower	Upper
163	100	152288		
194	3.8		3.3	4.9
164	9.8		8.7	13.1

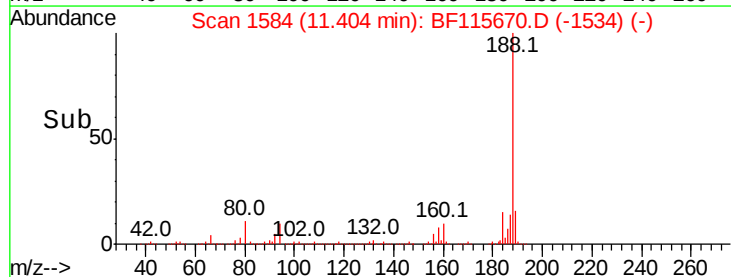
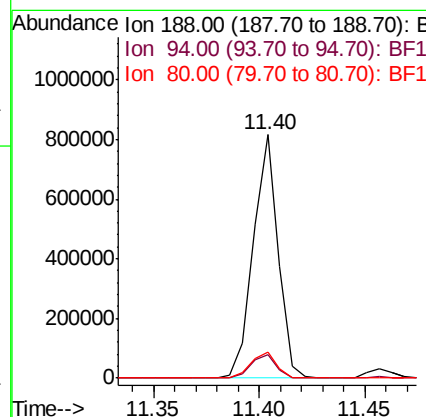
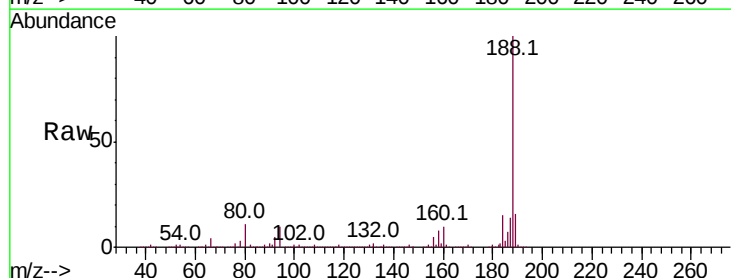
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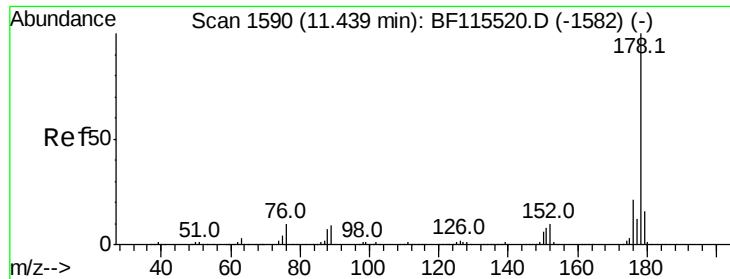
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	667814		
94	9.8		7.8	11.6
80	10.6		8.6	13.0





#71

Phenanthrene

Concen: 6.736 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF115670.D

Acq: 19 Jul 2019 12:07

Instrument :

BNA_F

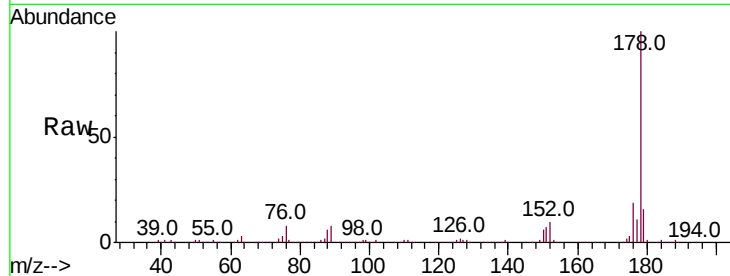
ClientSampleId :

HD-01-071719

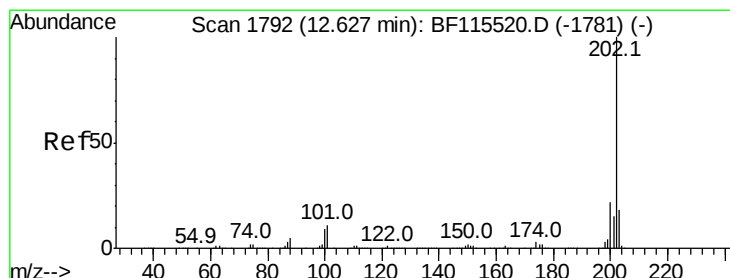
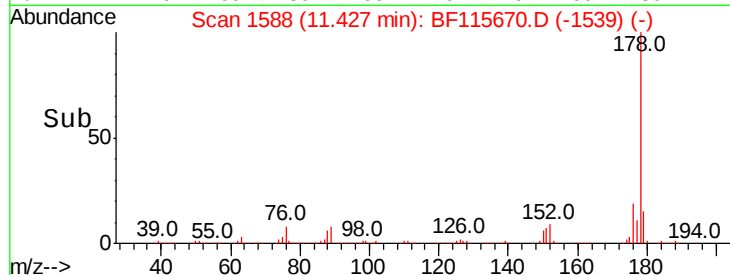
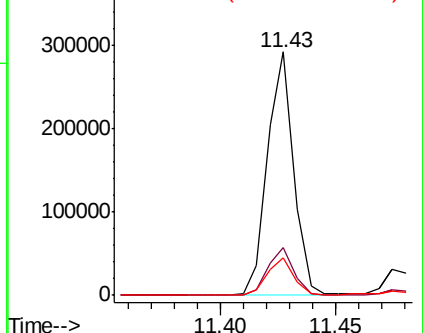
Tot Ion:	178	Resp:	230578
Ion Ratio	Lower	Upper	
178	100		
176	19.4	17.2	25.8
179	15.5	13.5	20.3

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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: 6.379 ng

RT: 12.62 min Scan# 1790

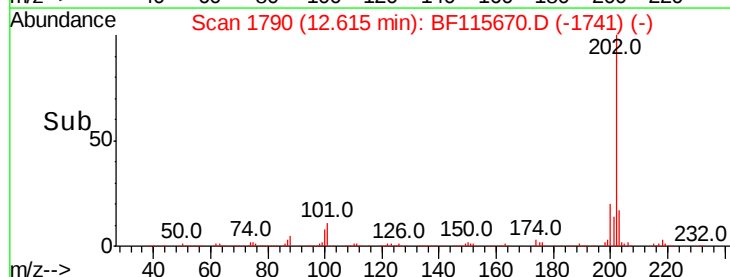
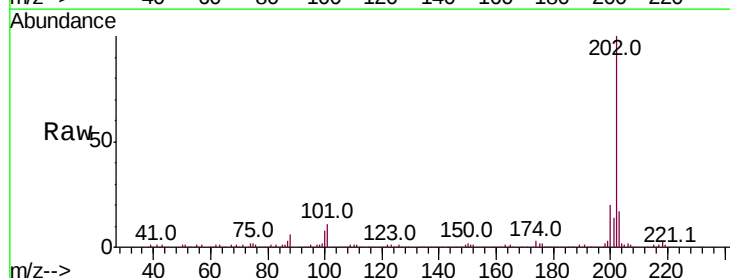
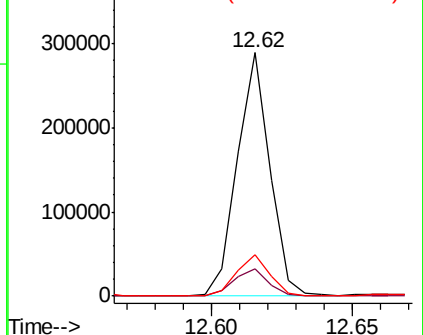
Delta R.T. -0.01 min

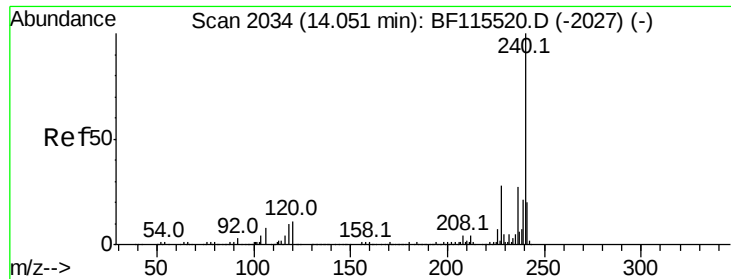
Lab File: BF115670.D

Acq: 19 Jul 2019 12:07

Tgt Ion:	202	Resp:	230752
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.4
203	16.9	0.0	38.1

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





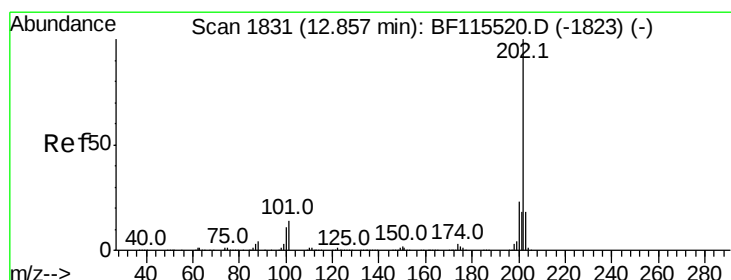
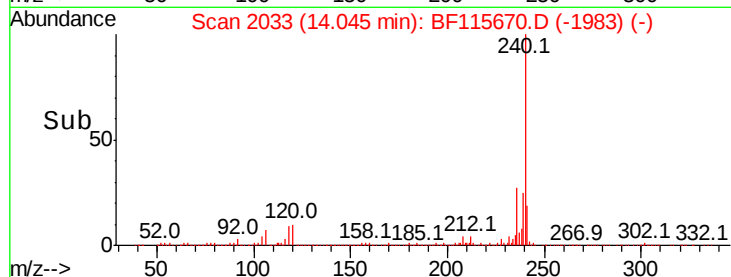
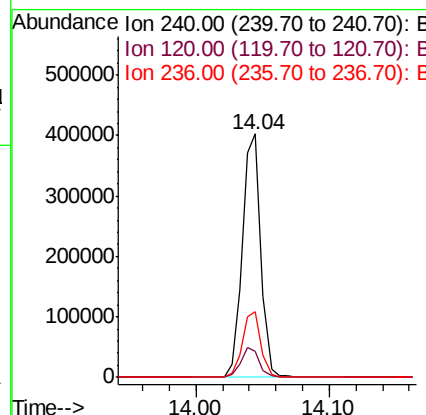
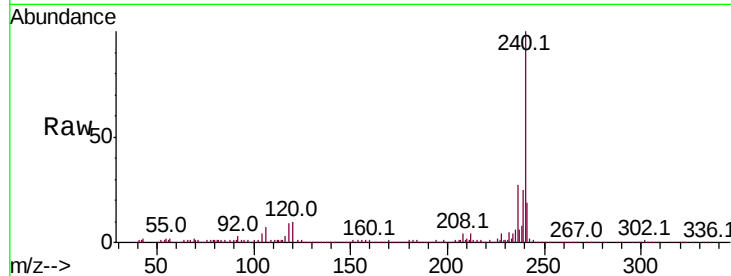
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115670.D
 Acq: 19 Jul 2019 12:07

Instrument :
 BNA_F
 ClientSampleID :
 HD-01-071719

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	26.9	21.3	31.9

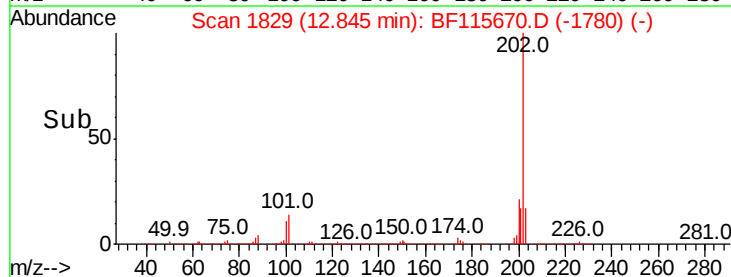
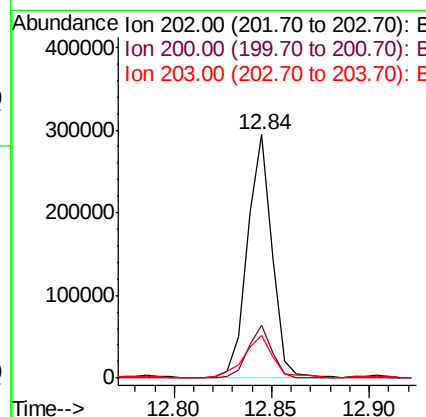
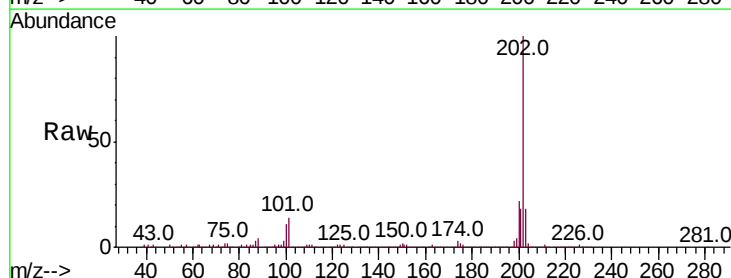
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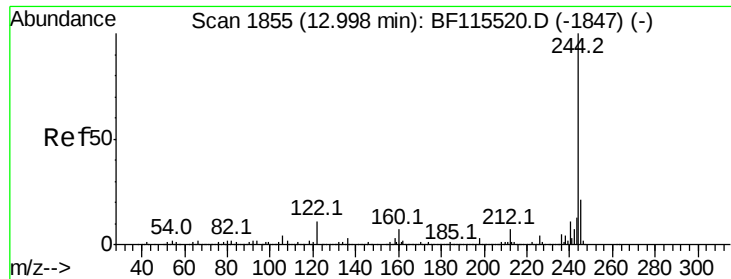
mohammad
 7/22/2019 10:01:16 AM



#78
 Pyrene
 Concen: 7.821 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115670.D
 Acq: 19 Jul 2019 12:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	17.6	15.2	22.8





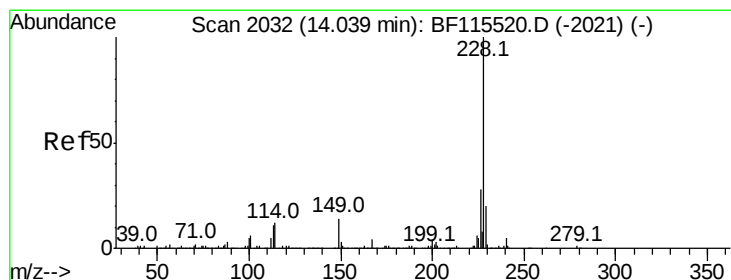
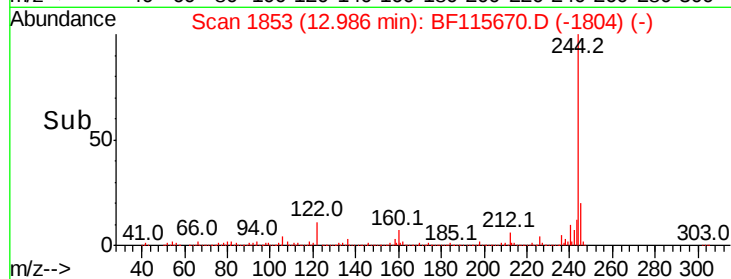
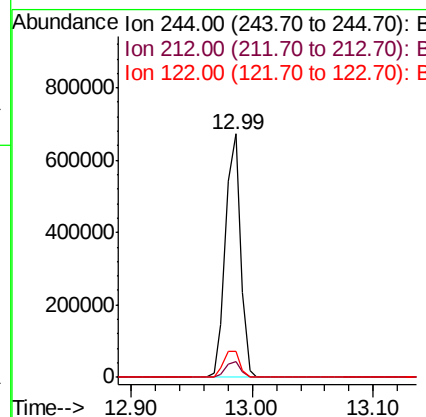
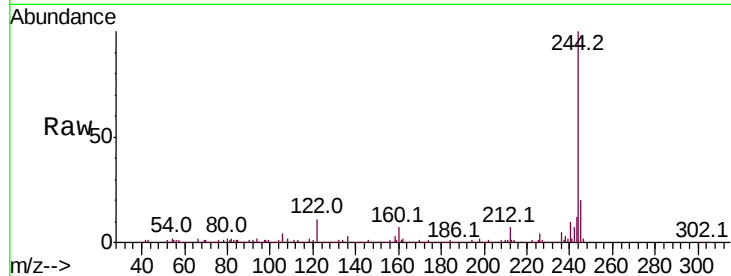
#79
 Terphenyl-d14
 Concen: 27.591 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115670.D
 Acq: 19 Jul 2019 12:07

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-071719

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	10.8	8.6	12.8

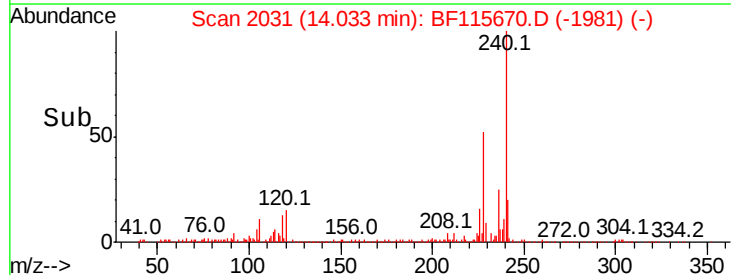
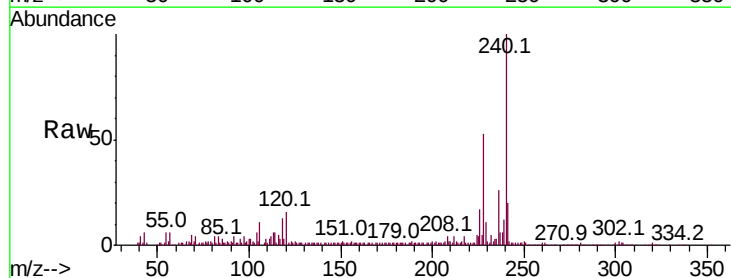
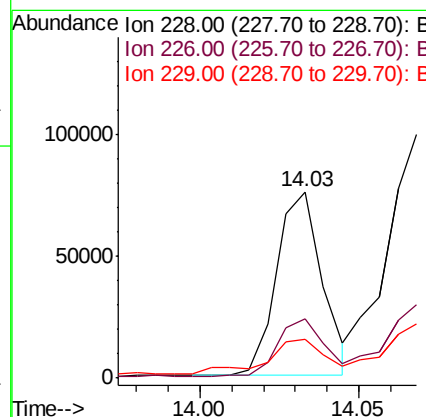
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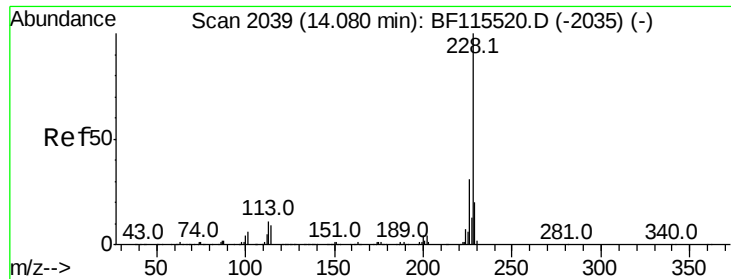
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#81
 Benzo(a)anthracene
 Concen: 2.983 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF115670.D
 Acq: 19 Jul 2019 12:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	21.0	17.2	25.8





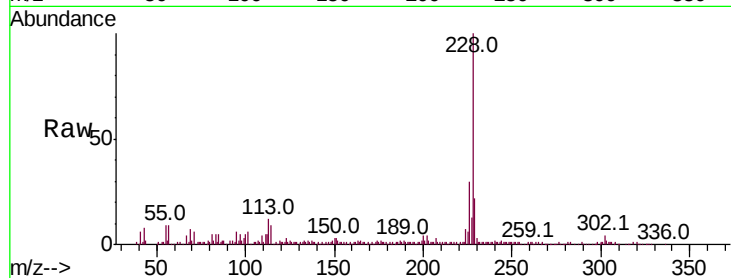
#83
Chrysene
Concen: 3.861 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :
HD-01-071719

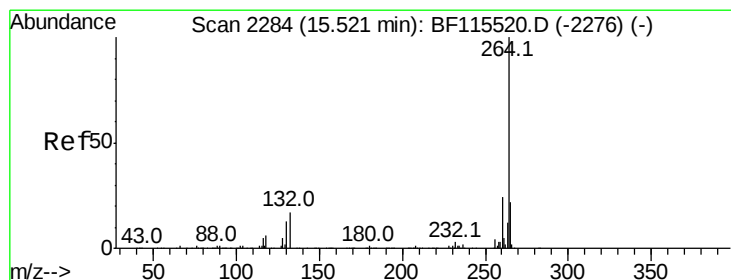
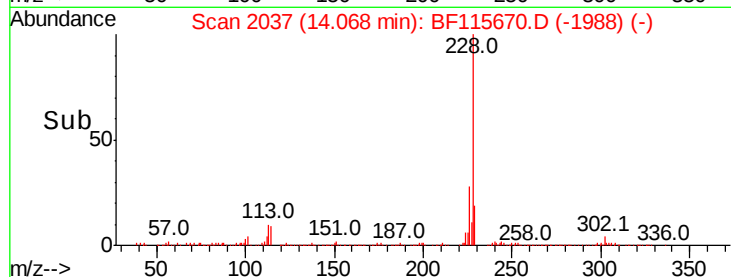
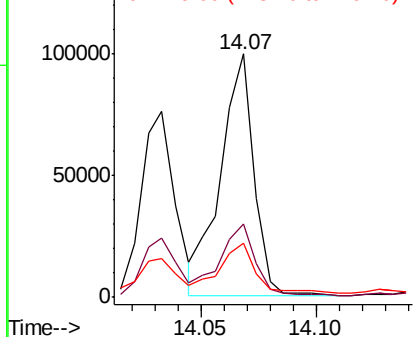
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.7	38.5
229	22.4	16.6	25.0

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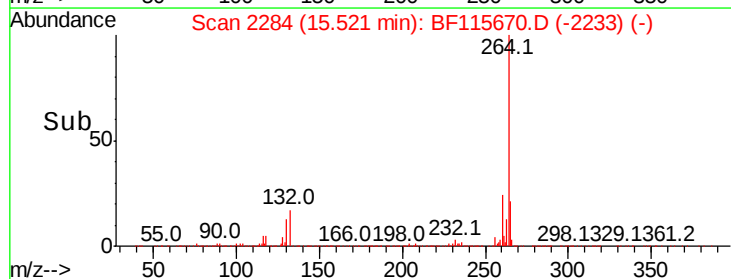
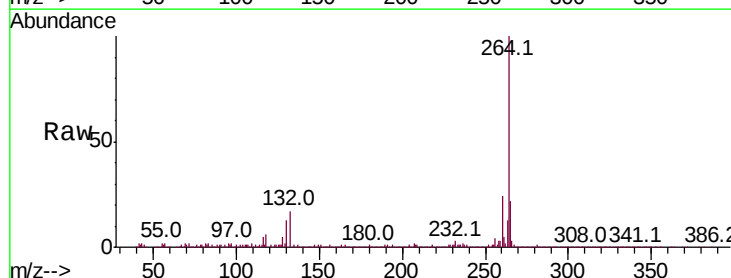
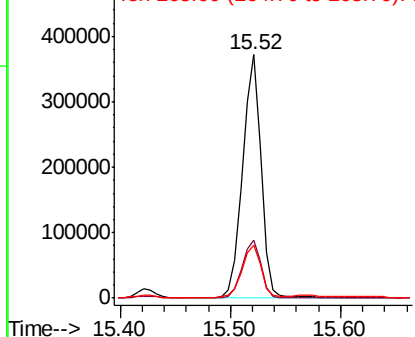
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

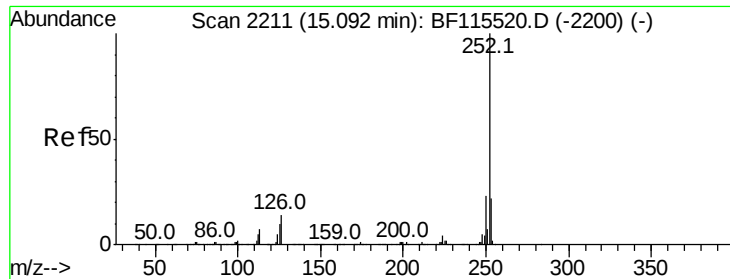


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.7	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





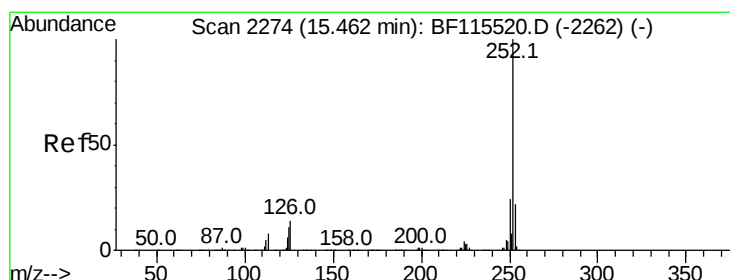
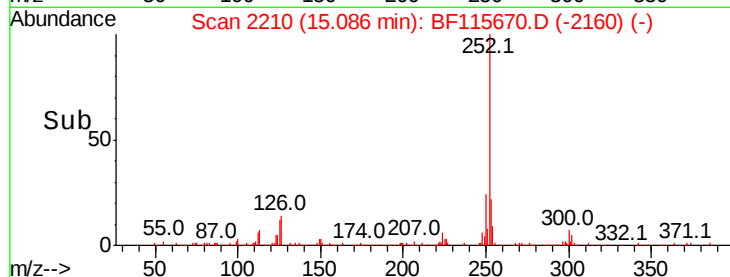
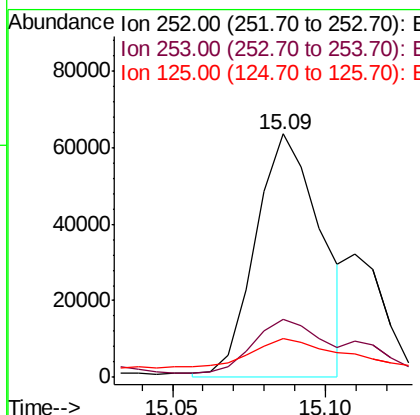
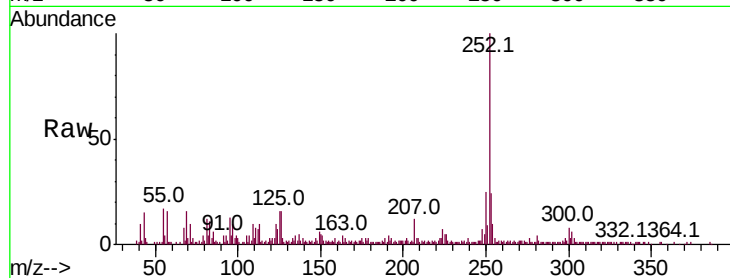
#88
Benzo(b)fluoranthene
Concen: 3.341 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Instrument :
BNA_F
ClientSampleId :
HD-01-071719

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	15.9	9.0	13.4

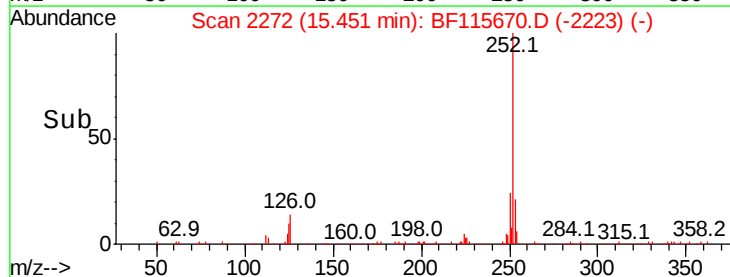
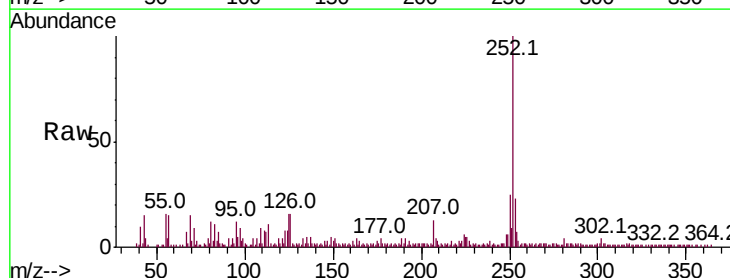
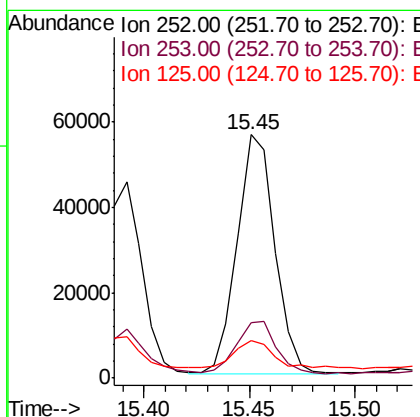
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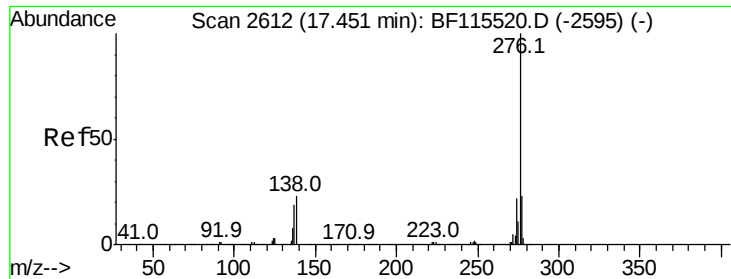
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#90
Benzo(a)pyrene
Concen: 2.894 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115670.D
Acq: 19 Jul 2019 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	15.7	9.1	13.7





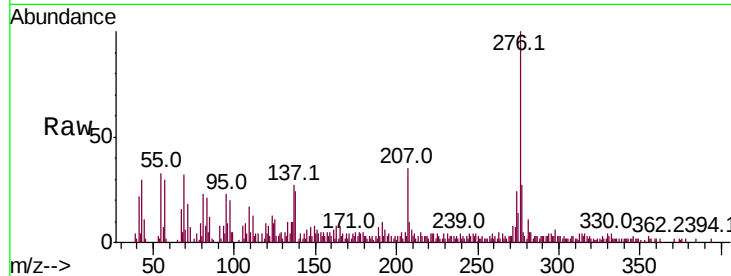
#92
 Benzo(a,h,i)perylene
 Concen: 2.091 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF115670.D
 Acq: 19 Jul 2019 12:07

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-071719

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.0	28.4
138	23.9	17.2	25.8

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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

