

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118324.D
 Acq On : 26 Dec 2019 18:51
 Operator : JU
 Sample : K6437-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-5-(5-6)

Manual Integrations
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mohammad
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Quant Time: Jan 09 06:57:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97725	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	378668	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	200768	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	354038	20.00	ng	0.00
76) Chrysene-d12	14.04	240	267989	20.00	ng	0.00
87) Perylene-d12	15.54	264	282528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	556029	97.12	ng	0.00
7) Phenol-d6	6.48	99	696913	98.13	ng	0.00
23) Nitrobenzene-d5	7.41	82	394229	59.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	215714	87.00	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	794599	60.41	ng	0.00
79) Terphenyl-d14	12.98	244	852768	52.79	ng	0.00
Target Compounds						
10) Phenol	6.49	94	20937	2.623	ng	93
50) Dimethylphthalate	9.61	163	51267	3.402	ng	# 80
75) Fluoranthene	12.61	202	151476	7.777	ng	98
78) Pyrene	12.84	202	339685	15.522	ng	99
81) Benzo(a)anthracene	14.03	228	42688	2.276	ng	# 79
83) Chrysene	14.07	228	45451	2.530	ng	# 83
88) Benzo(b)fluoranthene	15.10	252	63275m	3.374	ng	
90) Benzo(a)pyrene	15.47	252	39083	2.366	ng	# 57
92) Benzo(g,h,i)perylene	17.50	276	41551	3.000	ng	# 92

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

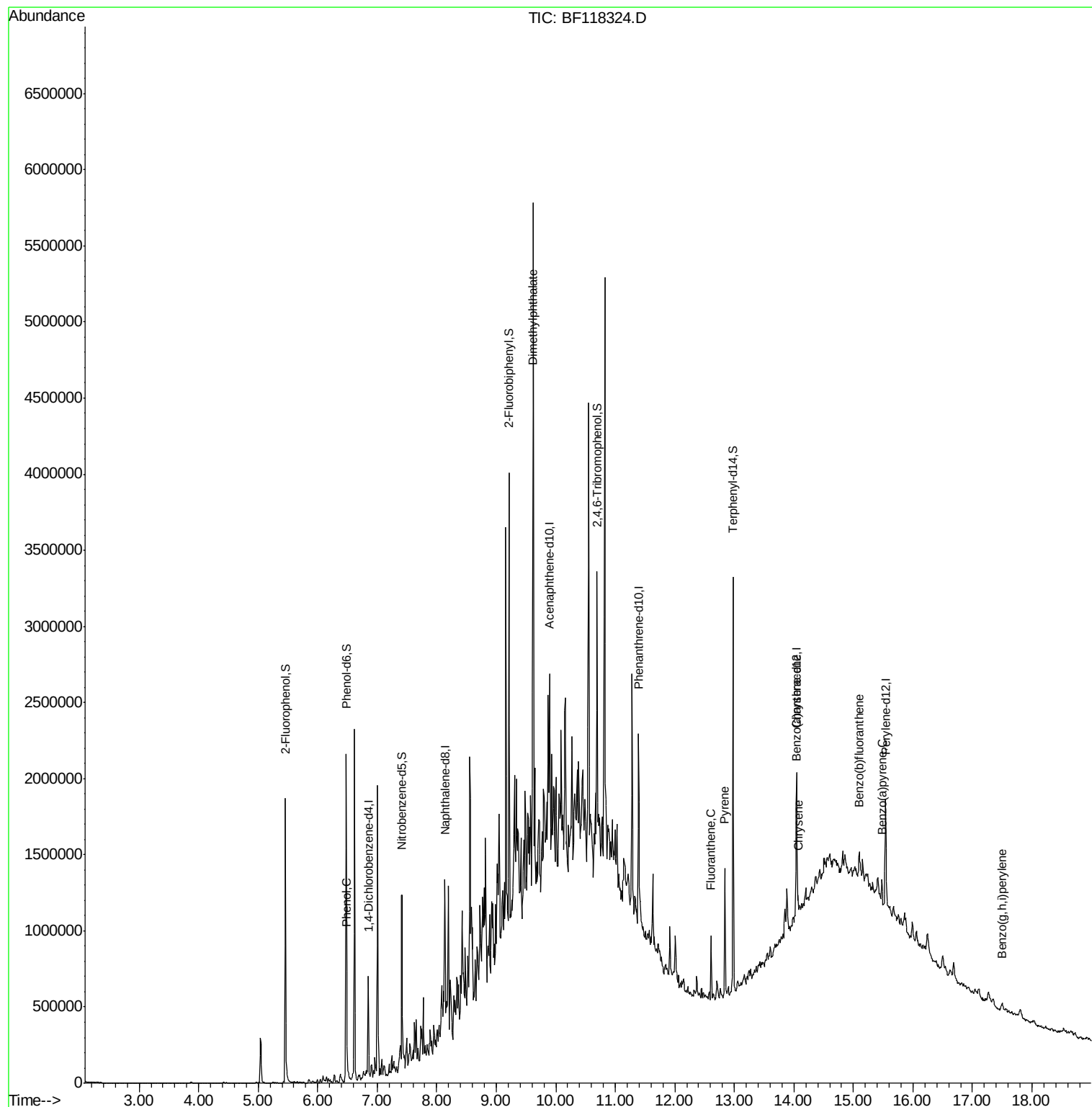
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118324.D
Acq On : 26 Dec 2019 18:51
Operator : JU
Sample : K6437-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

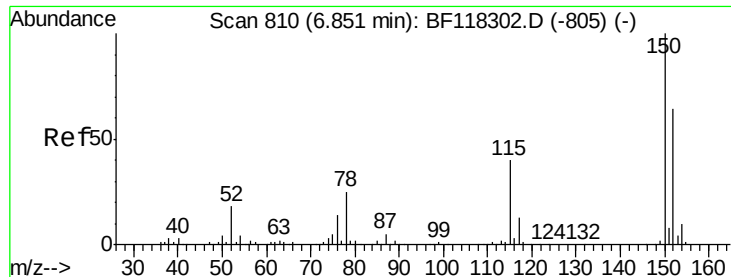
Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Manual Integrations
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Quant Time: Jan 09 06:57:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

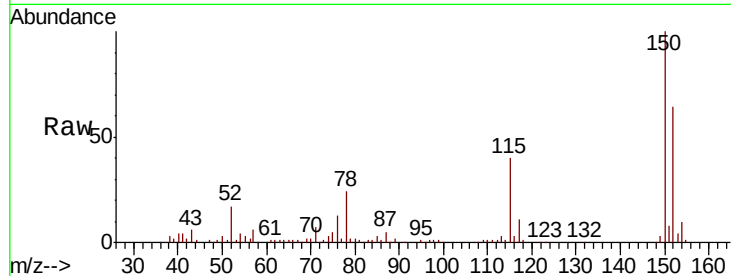
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.4	188.2
115	62.4	50.2	75.4

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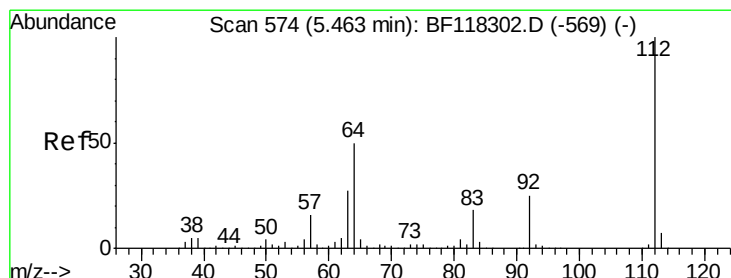
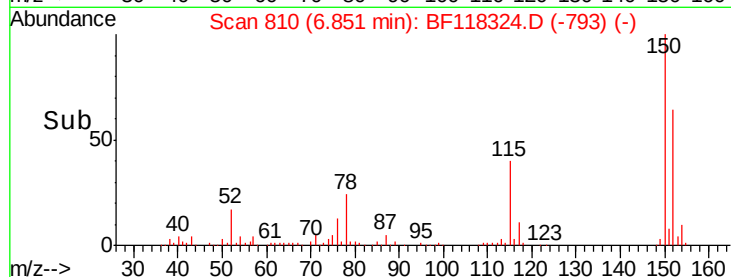
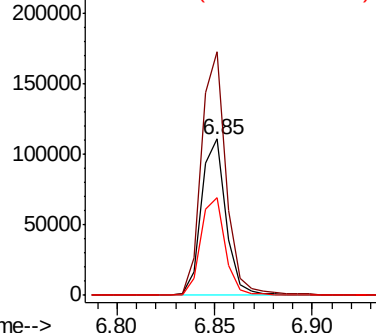


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

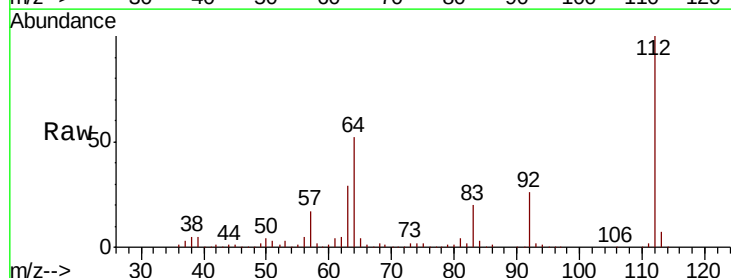
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.123 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.7	59.5
63	28.7	21.7	32.5

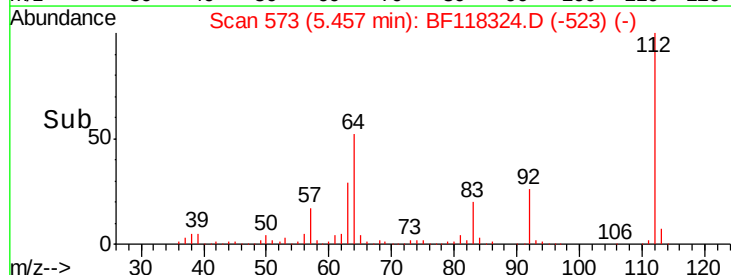
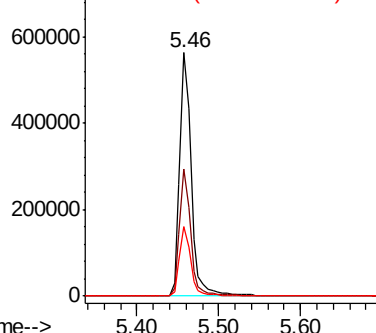


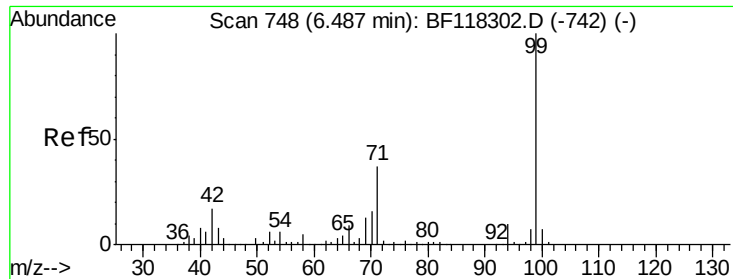
Abundance

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: 98.129 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118324.D

Acq: 26 Dec 2019 18:51

Instrument :

BNA_F

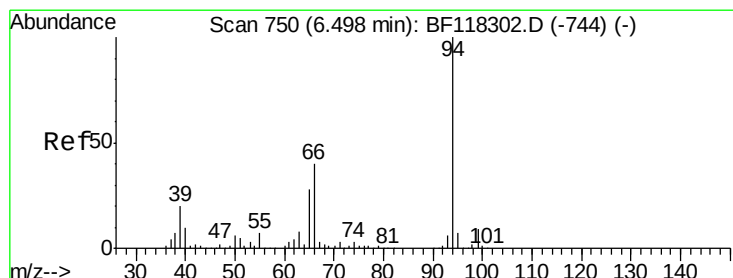
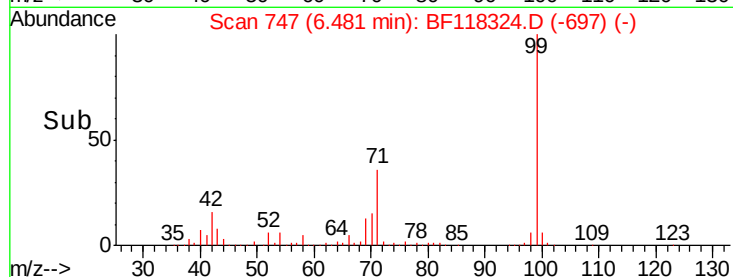
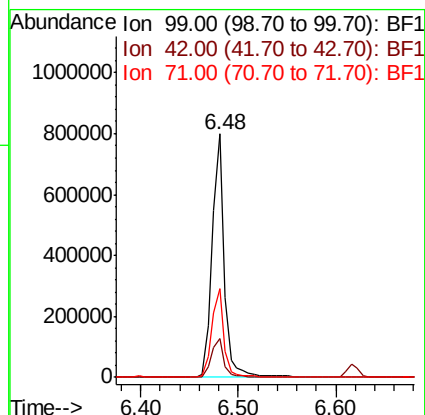
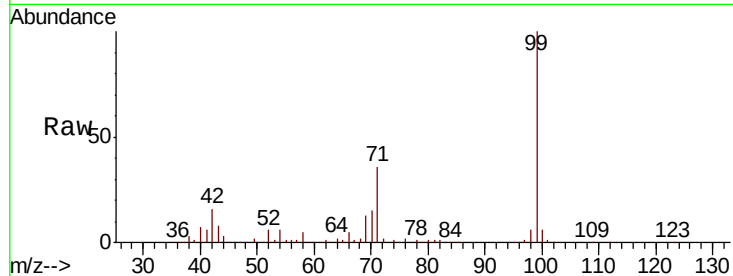
ClientSampleId :

GP-5-(5-6)

Tot Ion:	99	Resp:	696913
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	36.4	29.4	44.2

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#10

Phenol

Concen: 2.623 ng

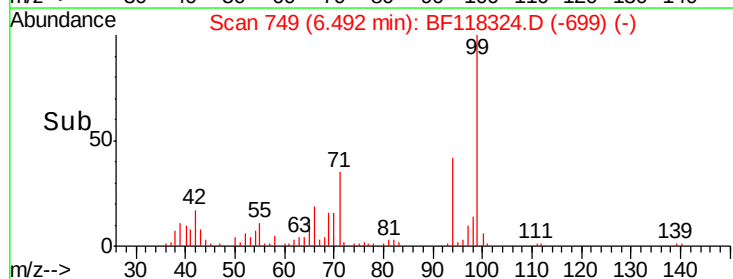
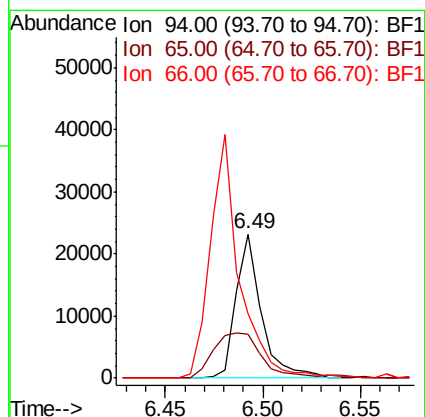
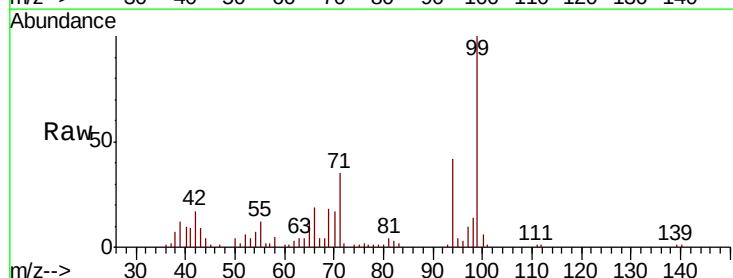
RT: 6.49 min Scan# 749

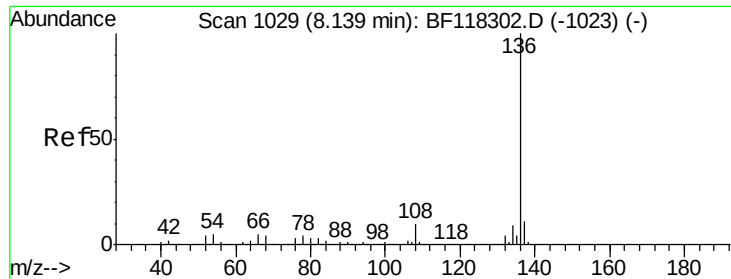
Delta R.T. -0.01 min

Lab File: BF118324.D

Acq: 26 Dec 2019 18:51

Tgt Ion:	94	Resp:	20937
Ion Ratio	Lower	Upper	
94	100		
65	30.5	7.8	47.8
66	45.1	20.4	60.4





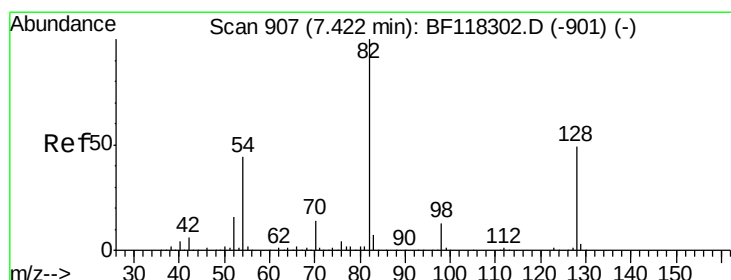
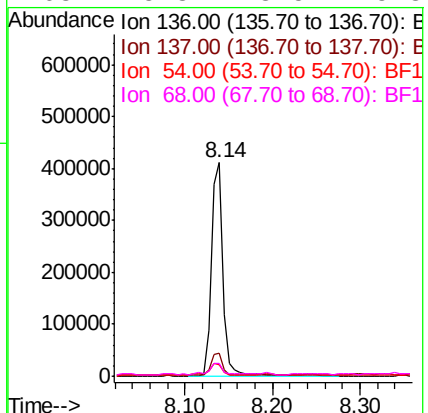
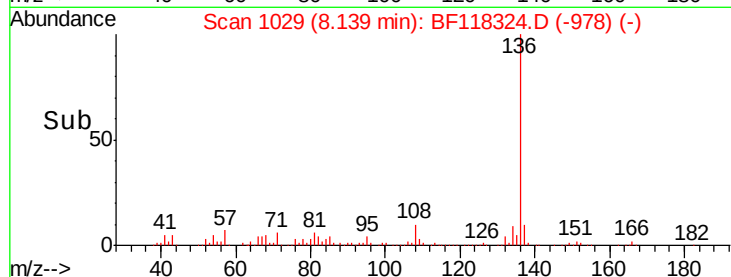
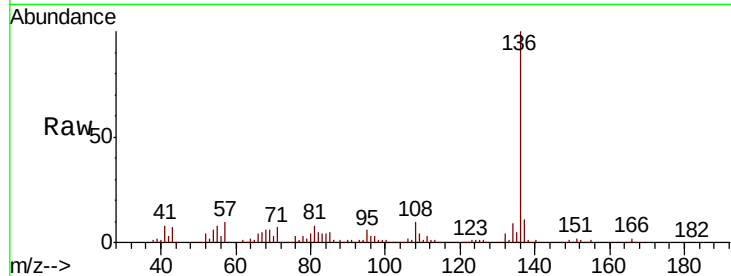
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Tot Ion	136	Resp	378668
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	5.5	4.2	6.4
68	5.8	3.5	5.3#

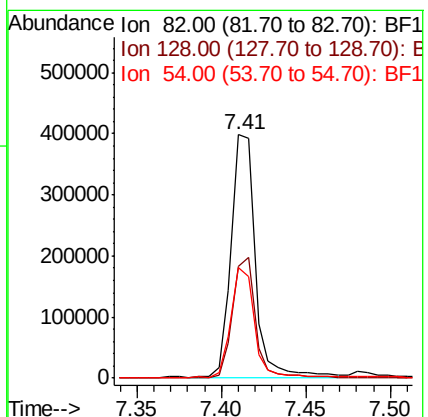
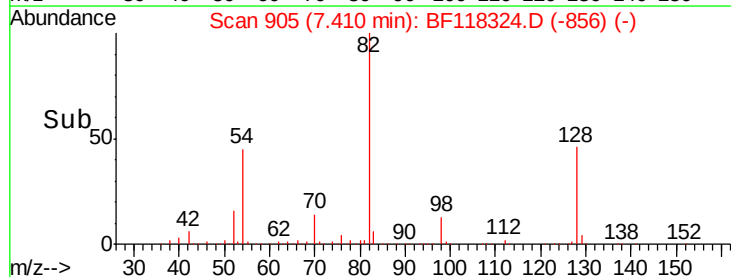
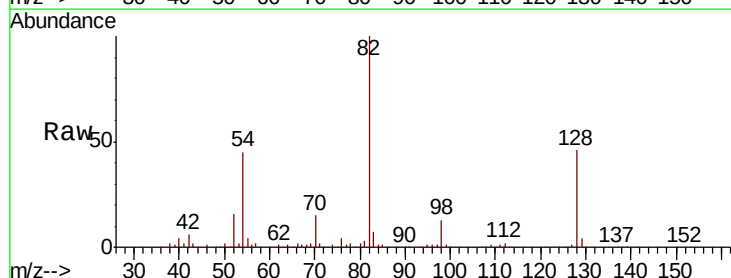
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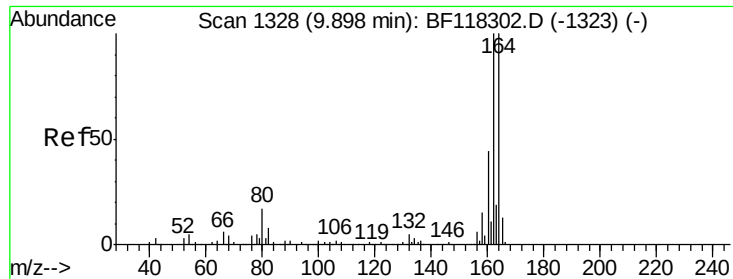
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#23
Nitrobenzene-d5
Concen: 59.545 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Tgt Ion	82	Resp	394229
Ion Ratio	Lower	Upper	
82	100		
128	46.1	39.6	59.4
54	45.3	34.9	52.3





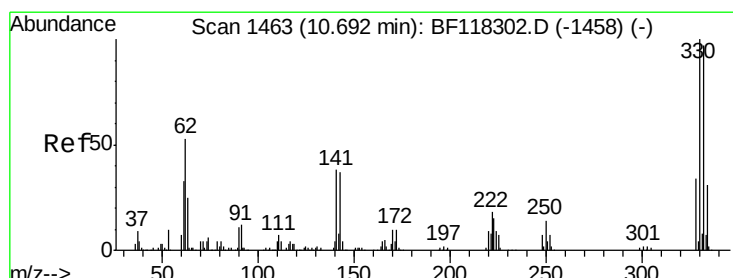
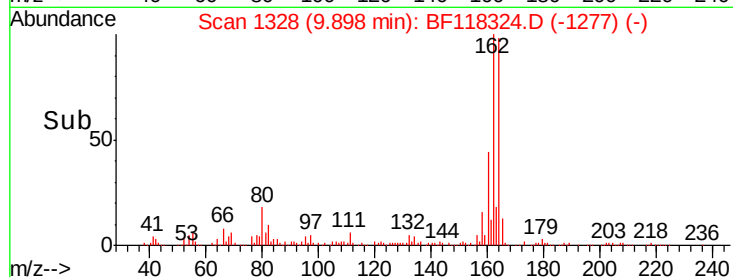
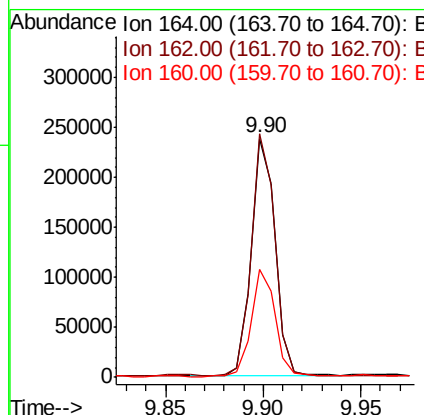
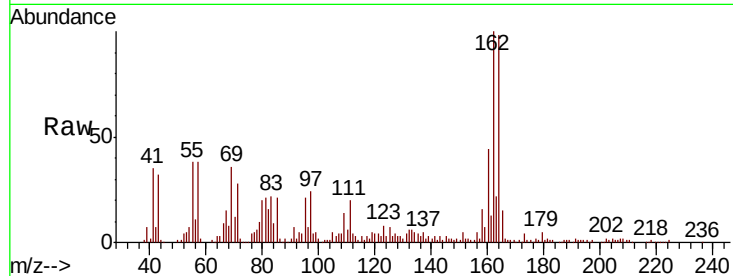
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	200768		
162	101.8	80.0	120.0	
160	45.0	34.8	52.2	

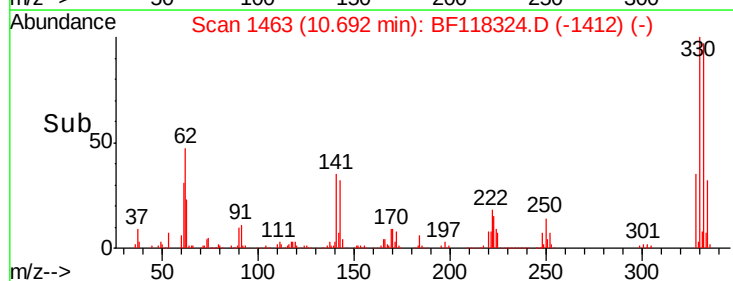
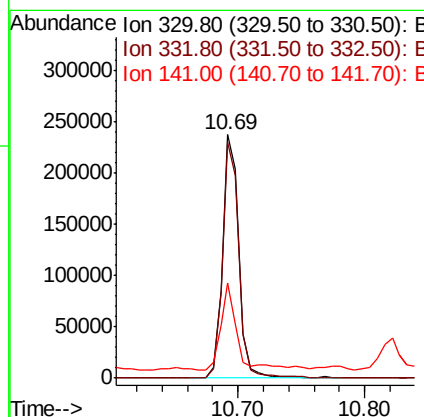
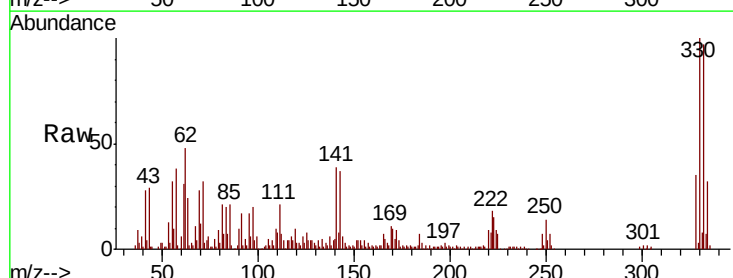
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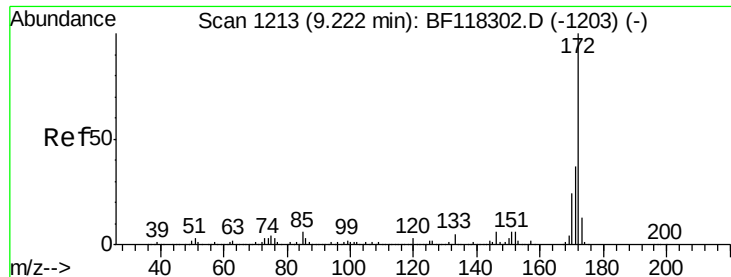
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#42
2,4,6-Tribromophenol
Concen: 87.005 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	215714		
332	96.6	76.6	114.8	
141	31.8	26.0	39.0	





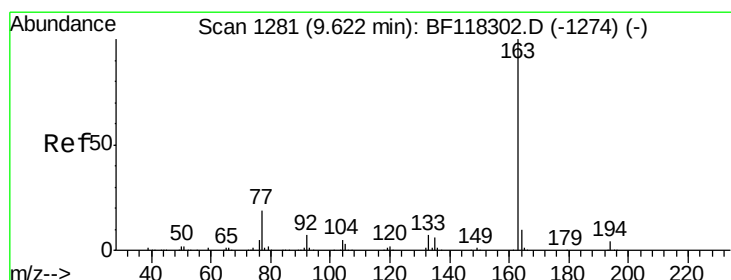
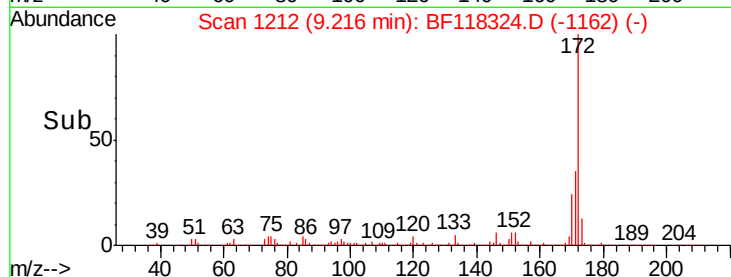
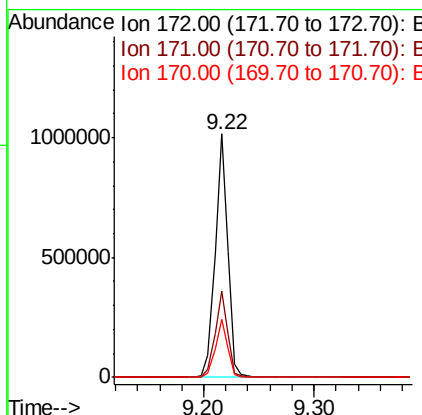
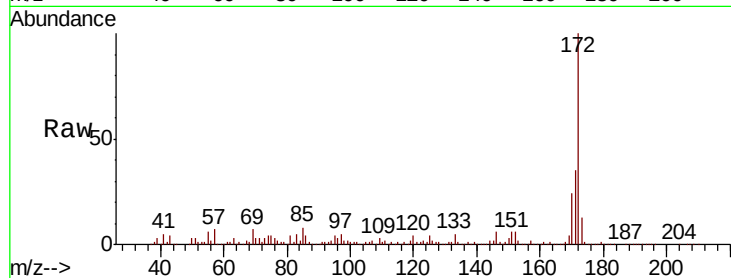
#45
2-Fluorobiphenyl
Concen: 60.415 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.6	19.2	28.8

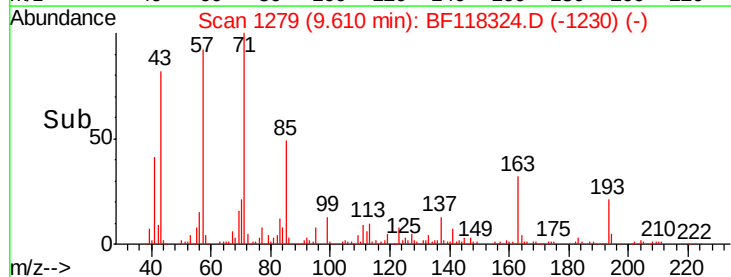
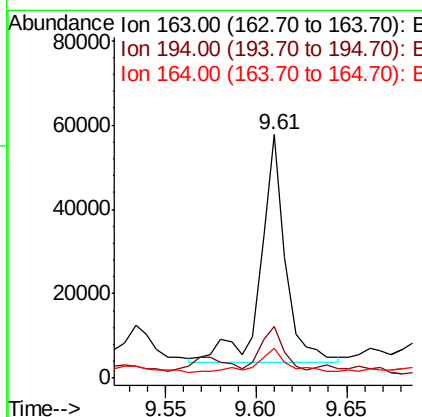
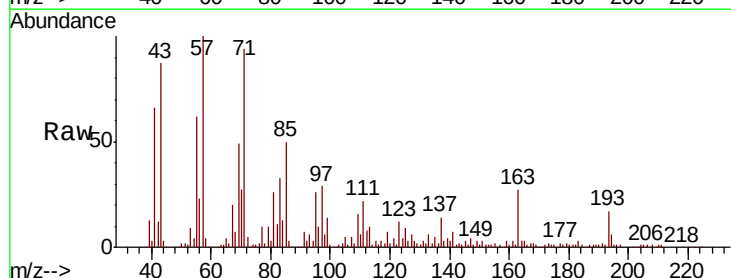
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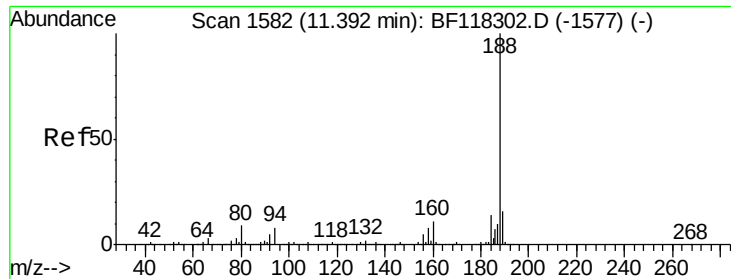
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#50
Dimethylphthalate
Concen: 3.402 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	21.4	3.2	4.8#
164	12.4	7.9	11.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF118324.D

Acq: 26 Dec 2019 18:51

Instrument :

BNA_F

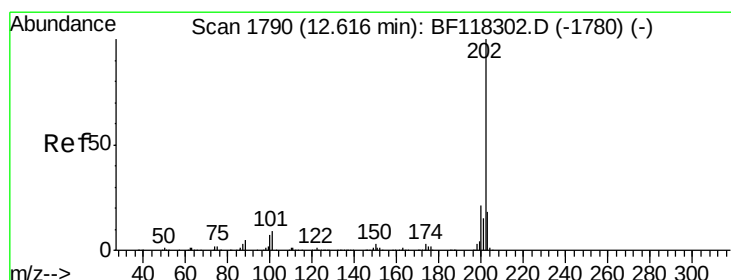
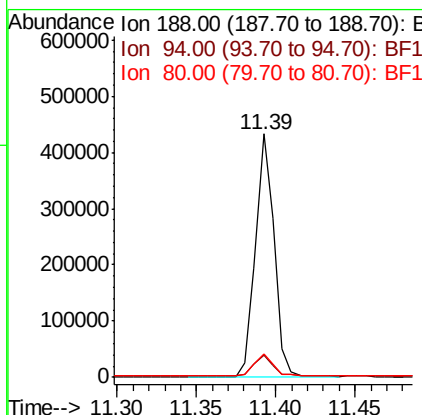
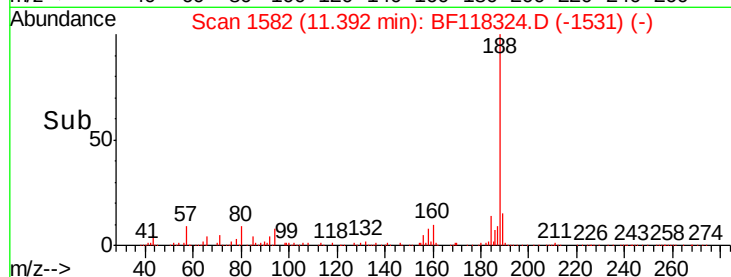
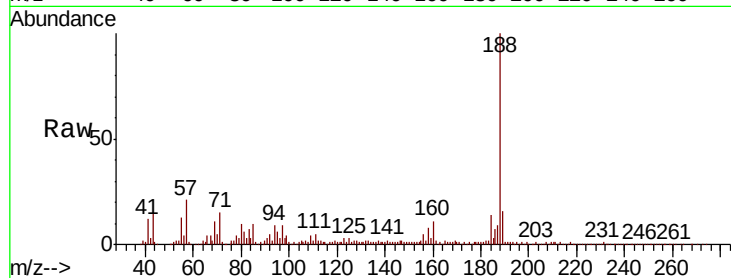
ClientSampleId :

GP-5-(5-6)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	354038		
94	9.2	6.7	10.1	
80	9.8	7.2	10.8	

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#75

Fluoranthene

Concen: 7.777 ng

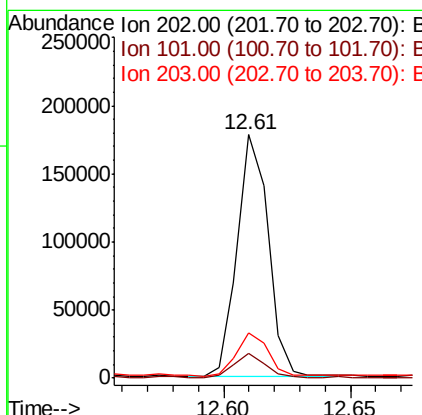
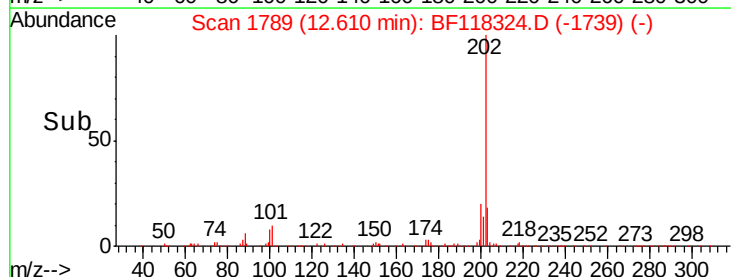
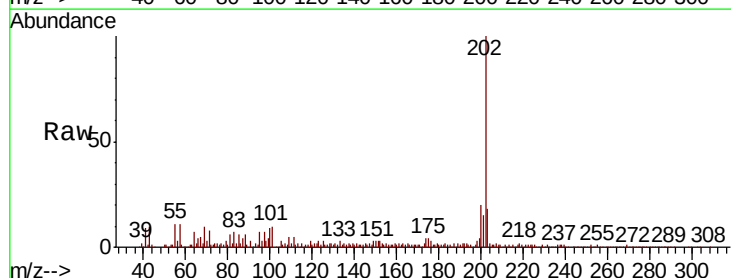
RT: 12.61 min Scan# 1789

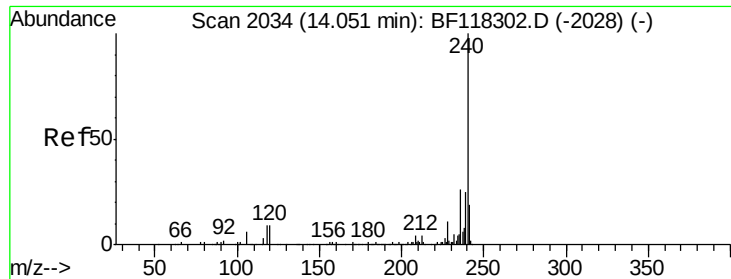
Delta R.T. -0.01 min

Lab File: BF118324.D

Acq: 26 Dec 2019 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	151476		
101	10.3	0.0	29.5	
203	18.5	0.0	37.6	





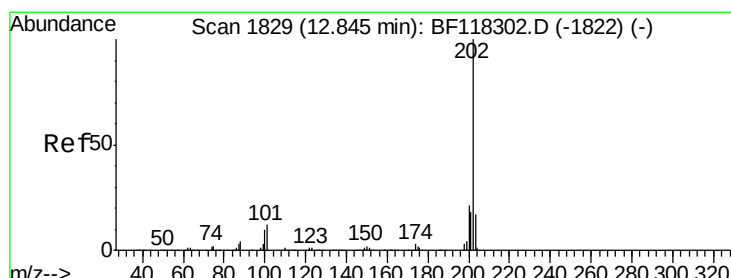
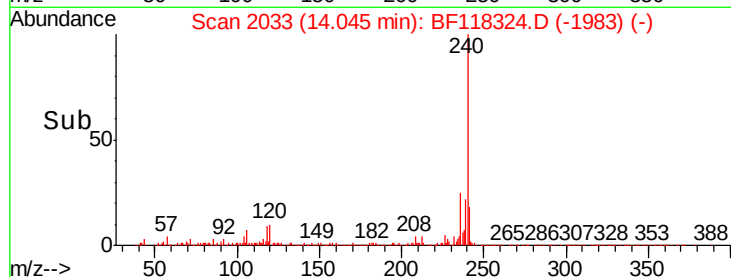
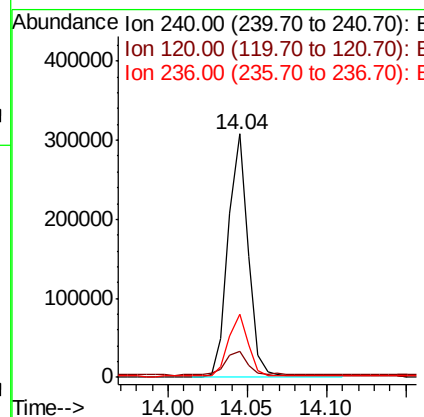
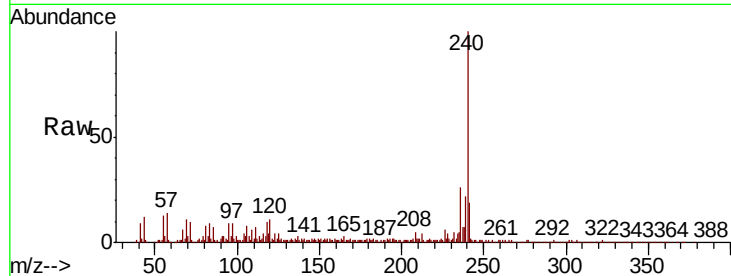
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.1	10.7#
236	25.8	21.0	31.6

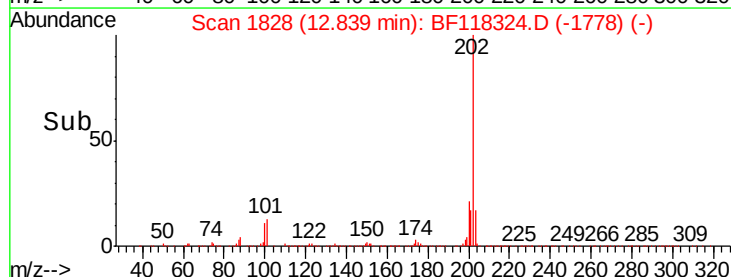
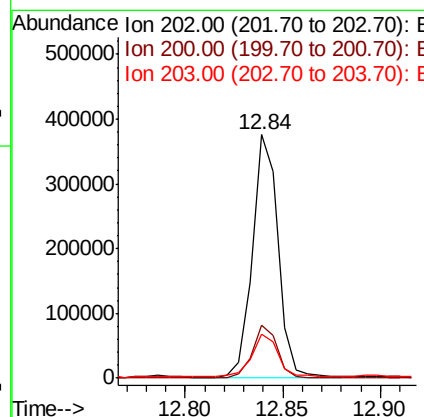
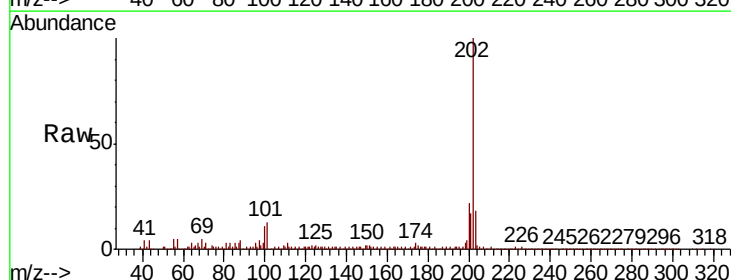
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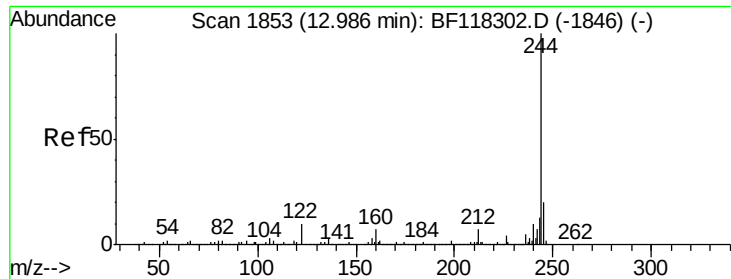
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#78
Pyrene
Concen: 15.522 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	18.2	13.9	20.9





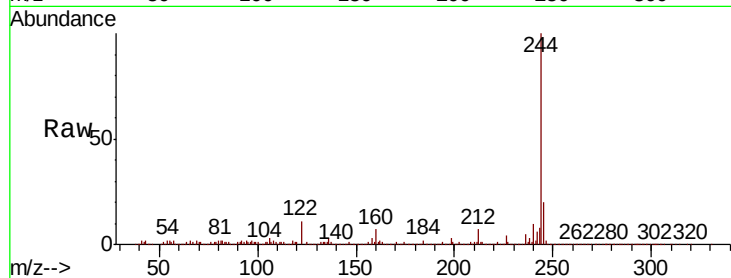
#79
 Terphenyl-d14
 Concen: 52.792 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118324.D
 Acq: 26 Dec 2019 18:51

Instrument :
 BNA_F
 ClientSampled :
 GP-5-(5-6)

Tot Ion	Ratio	Resp	Lower	Upper
244	100	852768		
212	7.0		5.4	8.2
122	10.6		7.8	11.8

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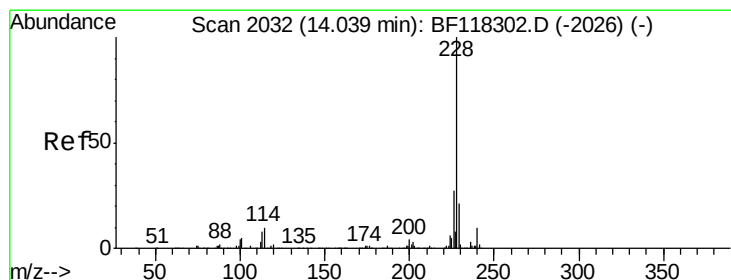
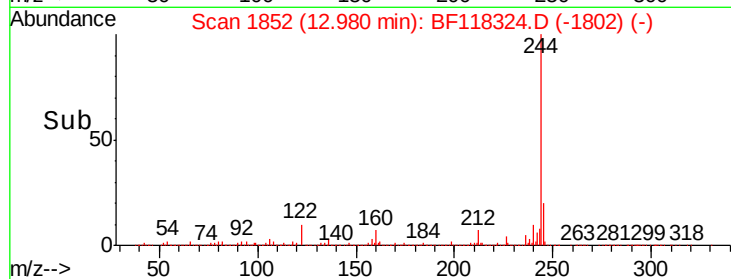
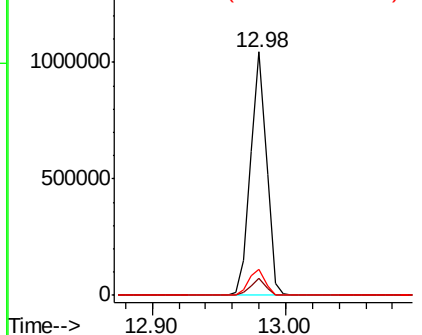


Abundance

Ion 244.00 (243.70 to 244.70): E

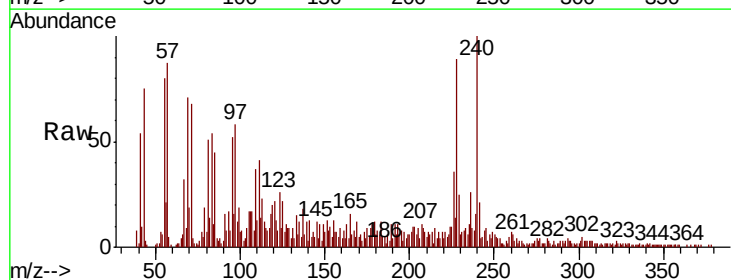
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81
 Benzo(a)anthracene
 Concen: 2.276 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118324.D
 Acq: 26 Dec 2019 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	42688		
226	40.9		22.0	33.0#
229	28.0		16.6	24.8#

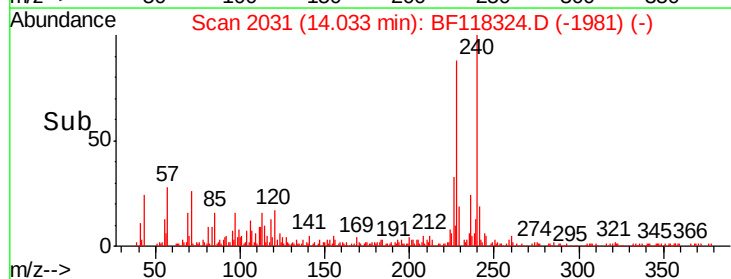
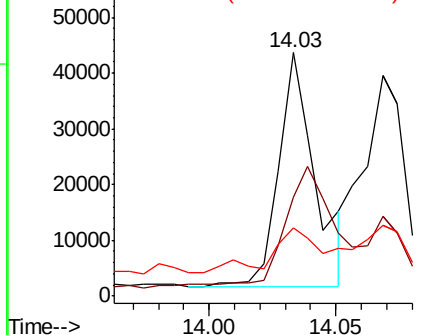


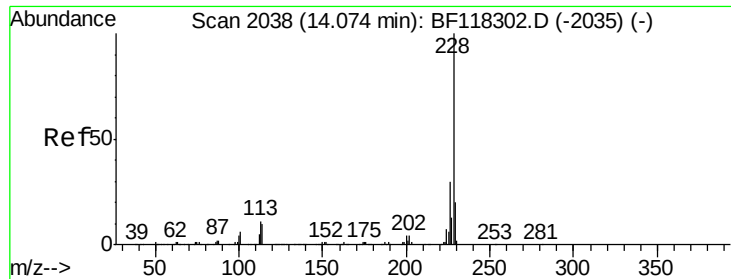
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





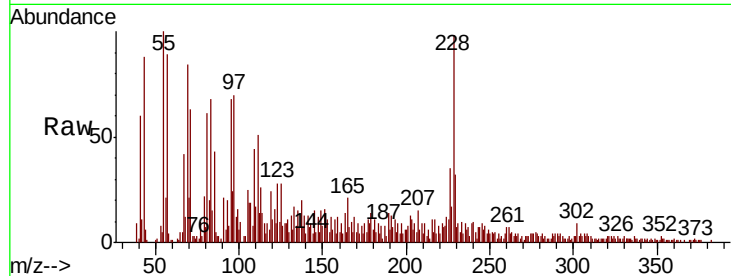
#83
Chrysene
Concen: 2.530 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Instrument :
BNA_F
ClientSampled :
GP-5-(5-6)

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.0	23.9	35.9#
229	32.2	16.1	24.1#

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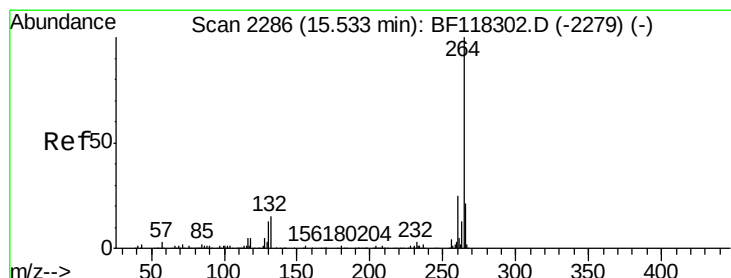
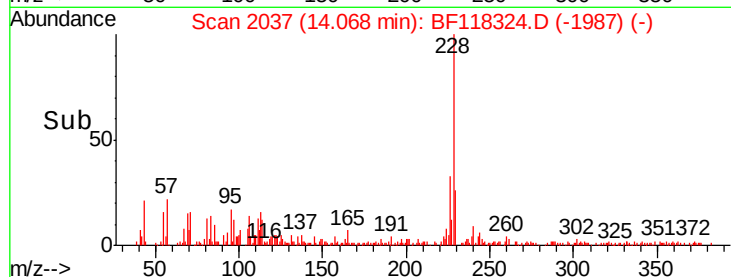
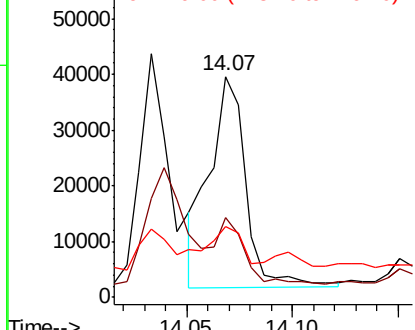


Abundance

Ion 228.00 (227.70 to 228.70): E

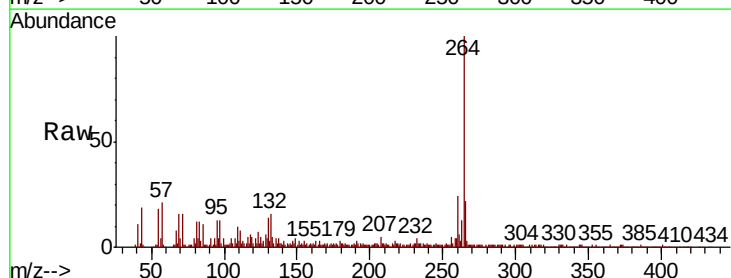
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	22.3	17.0	25.4

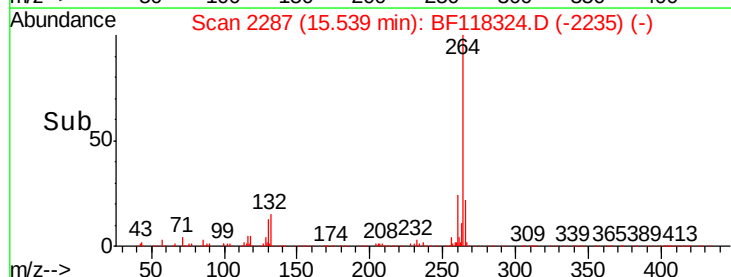
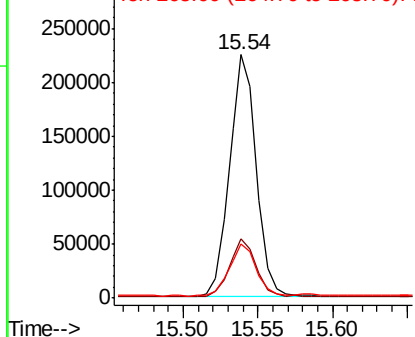


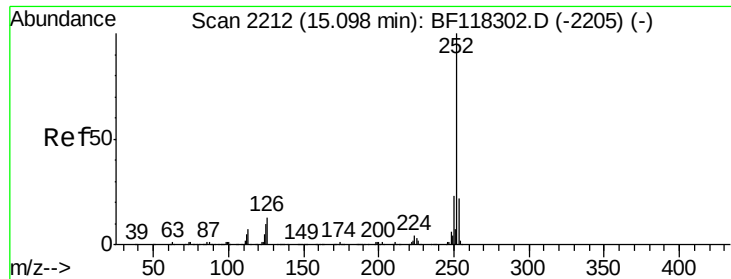
Abundance

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





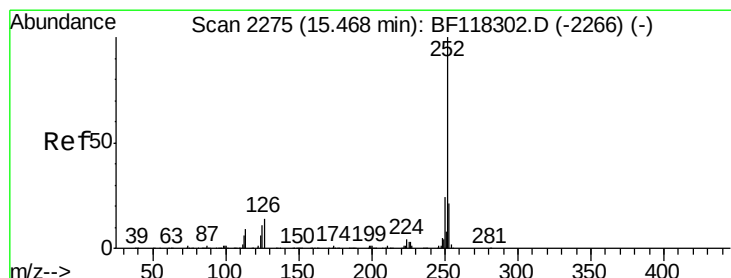
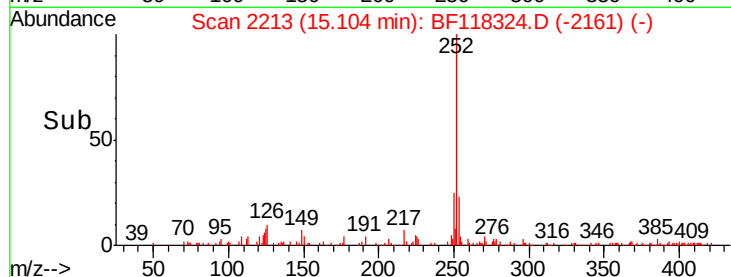
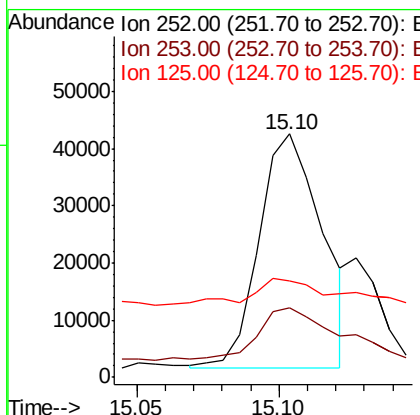
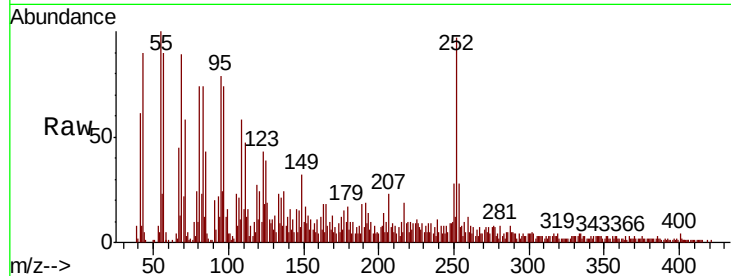
#88
Benzo(b)fluoranthene
Concen: 3.374 ng m
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Instrument :
BNA_F
ClientSampleId :
GP-5-(5-6)

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.5	26.3#
125	39.9	7.7	11.5#

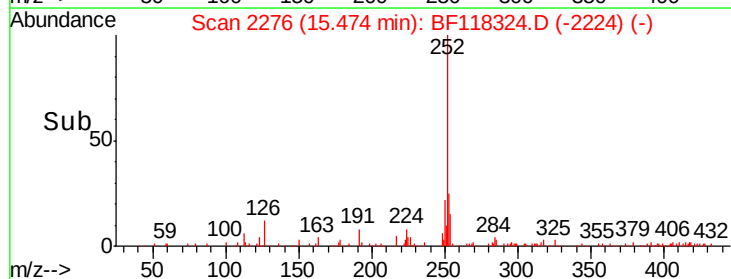
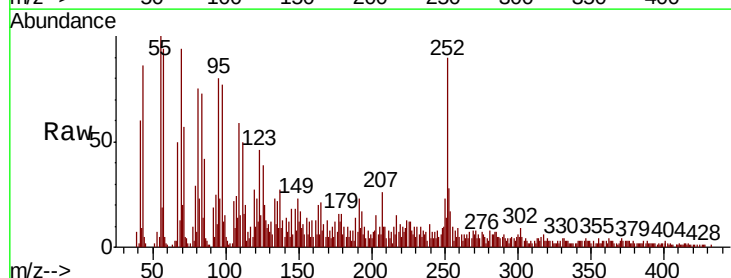
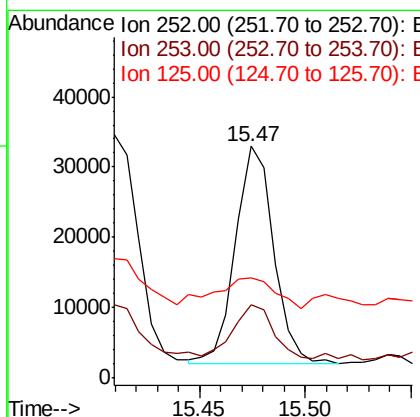
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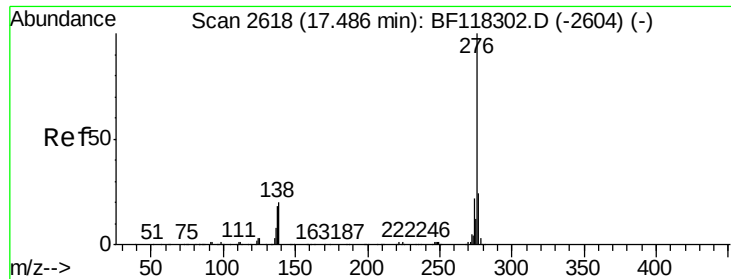
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#90
Benzo(a)pyrene
Concen: 2.366 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118324.D
Acq: 26 Dec 2019 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.0	25.6#
125	43.0	9.0	13.4#





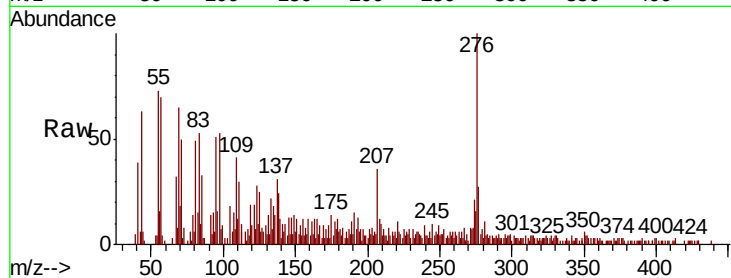
#92
 Benzo(a,h,i)perylene
 Concen: 3.000 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. 0.01 min
 Lab File: BF118324.D
 Acq: 26 Dec 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :
 GP-5-(5-6)

Tot Ion	Ion	Ratio	Lower	Upper
41551	276	100		
	277	27.0	19.1	28.7
	138	24.3	16.1	24.1

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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

