

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102896.D
 Acq On : 9 Feb 2018 18:38
 Operator : SJ/JU
 Sample : J1499-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-154

Manual Integrations
 APPROVED

Sohil
 2/13/2018 4:36:55 AM

Quant Time: Feb 09 22:46:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	175384	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	693861	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	281432	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	425748	20.00	ng	0.00
75) Chrysene-d12	14.05	240	353635	20.00	ng	0.00
86) Perylene-d12	15.54	264	328356	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1020695	88.38	ng	0.01
7) Phenol-d6	6.51	99	1187663	85.41	ng	0.00
23) Nitrobenzene-d5	7.45	82	770324	77.02	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	182867	80.73	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1192809	70.33	ng	0.00
78) Terphenyl-d14	13.00	244	908413	60.82	ng	0.00
Target Compounds						
10) Phenol	6.52	94	73474	4.930	ng	92
49) Dimethylphthalate	9.63	163	146348	6.669	ng	99
70) Phenanthrene	11.43	178	58129	2.452	ng	99
74) Fluoranthene	12.63	202	153234	6.423	ng	97
77) Pyrene	12.86	202	128272	4.626	ng	98
80) Benzo(a)anthracene	14.04	228	56334	2.533	ng	94
82) Chrysene	14.07	228	55794	2.489	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	136988	8.064	ng	# 99
87) Benzo(b)fluoranthene	15.10	252	69808m	3.279	ng	
89) Benzo(a)pyrene	15.47	252	43367	2.263	ng	# 96

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

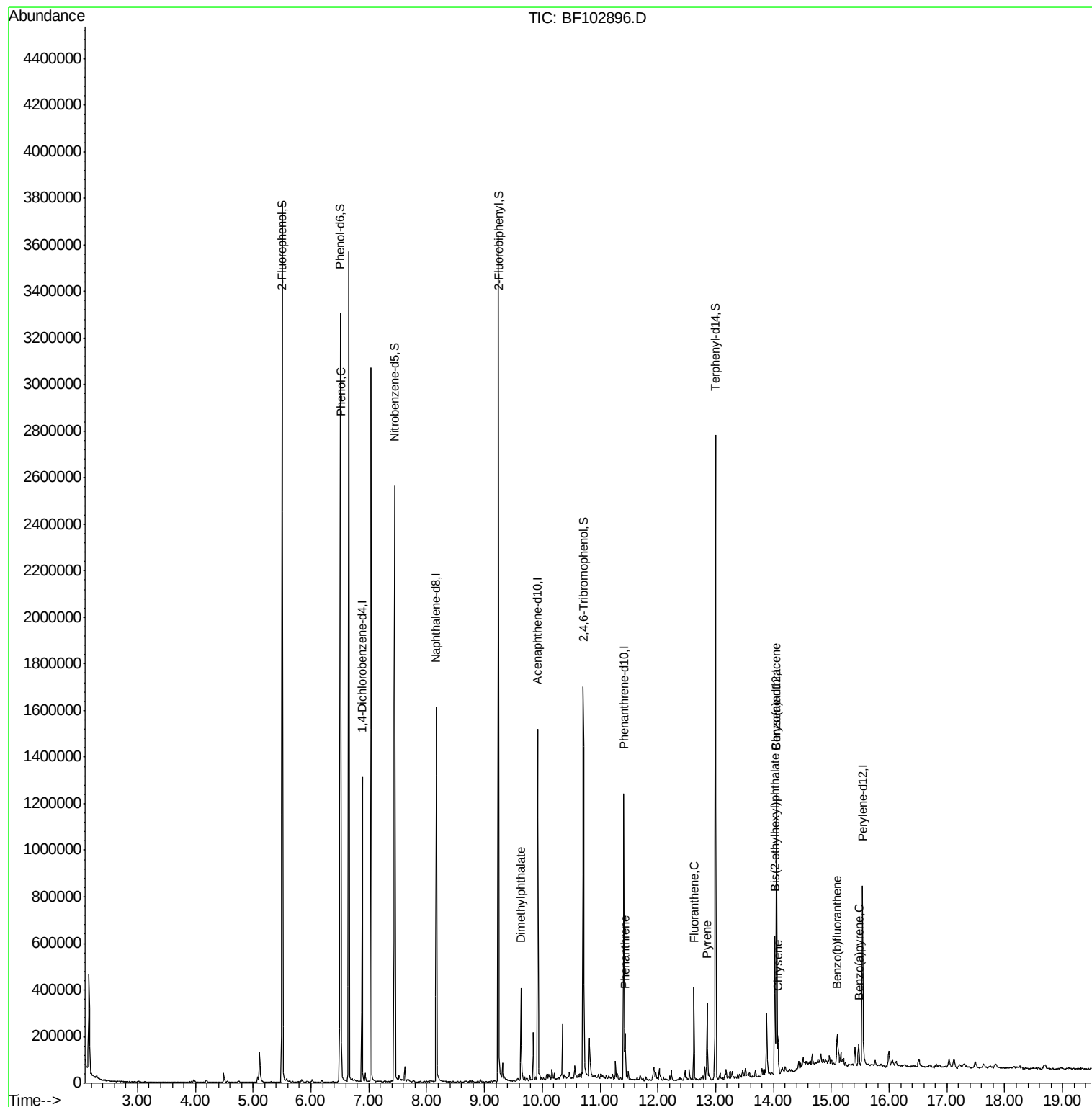
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
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#1

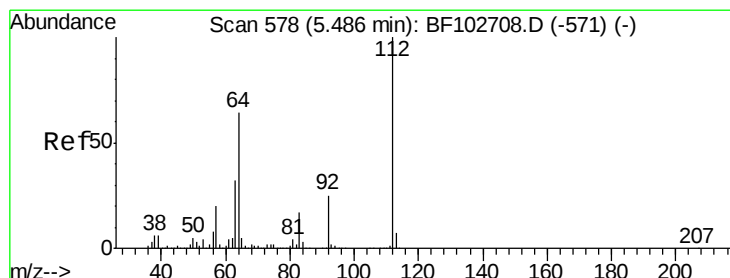
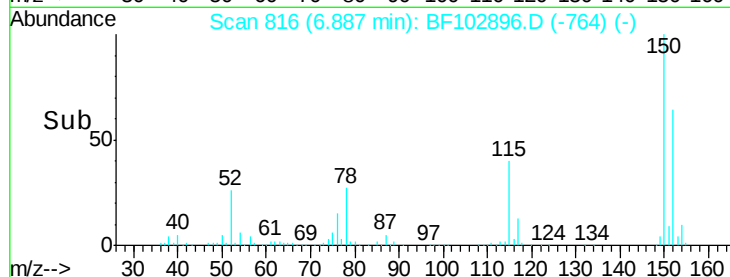
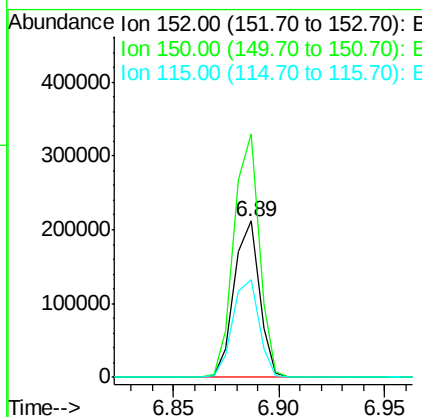
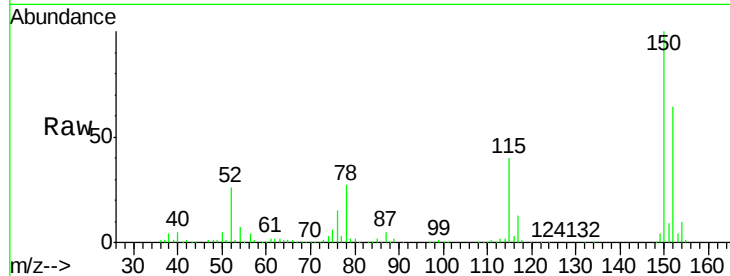
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Instrument :
BNA_F
ClientSampleId :
RO-154

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	62.7	50.1	75.1

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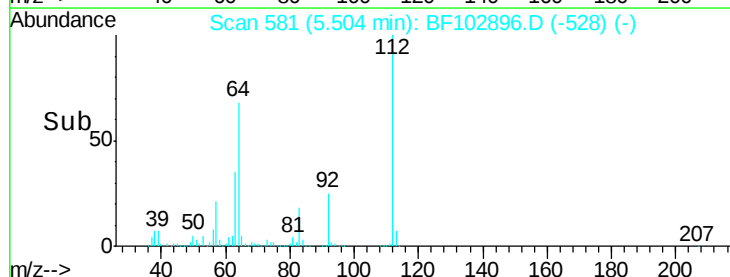
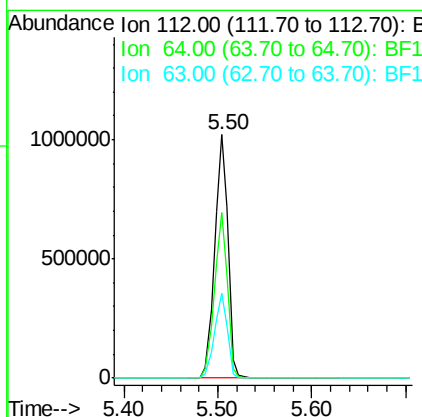
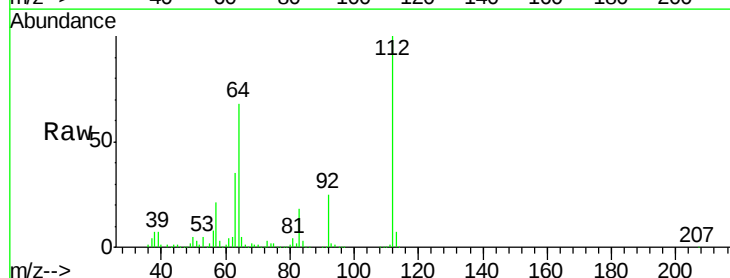
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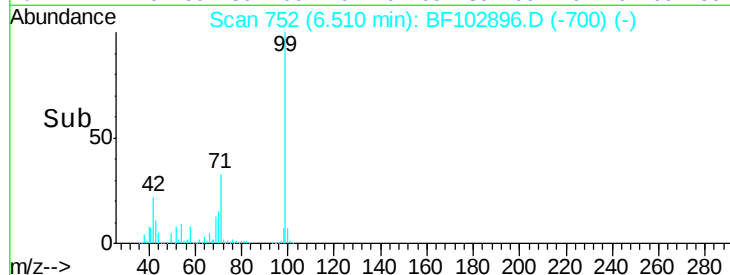
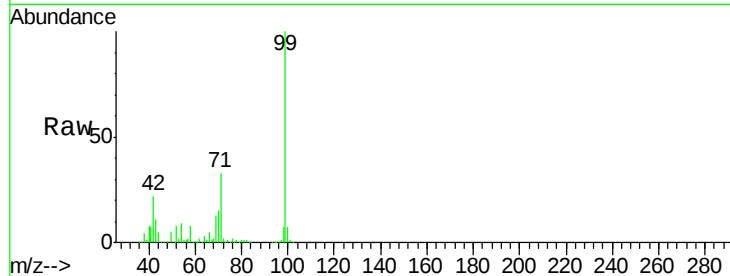


#5

2-Fluorophenol
Concen: 88.383 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	47.9	71.9
63	34.7	23.7	35.5





#7

Phenol-d6

Concen: 85.411 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102896.D

Acq: 9 Feb 2018 18:38

Tot Ion:	99	Resp:	1187663
Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	33.5	25.4	38.0

Instrument :

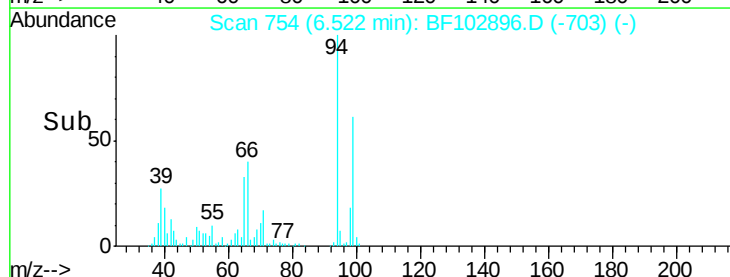
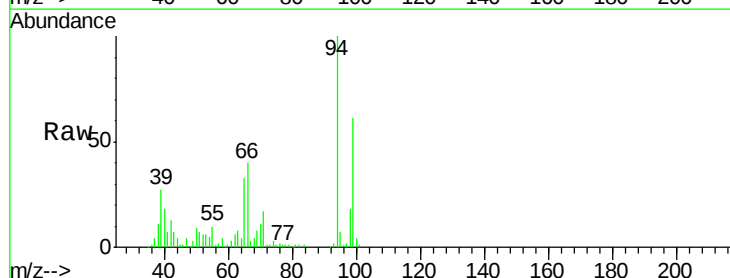
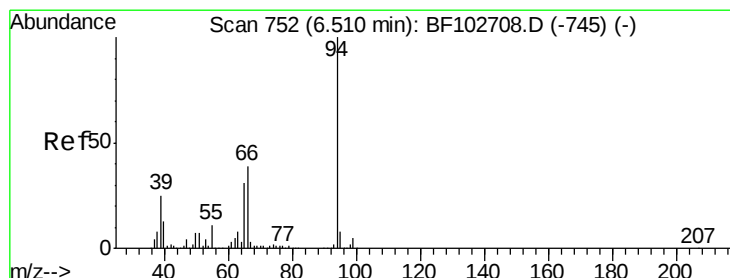
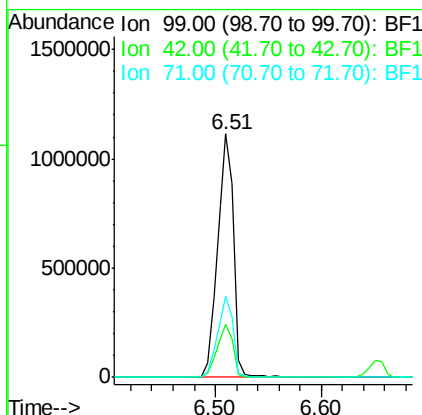
BNA_F

ClientSampled :

RO-154

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#10

Phenol

Concen: 4.930 ng

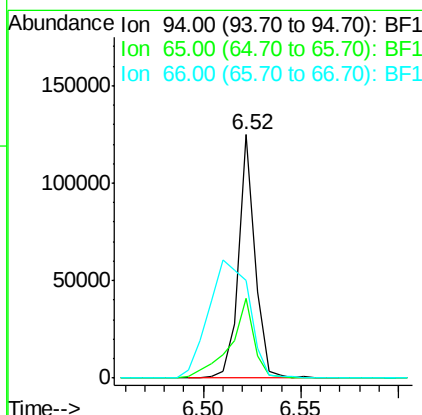
RT: 6.52 min Scan# 754

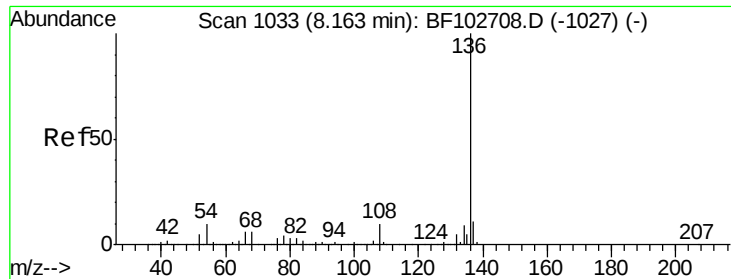
Delta R.T. 0.00 min

Lab File: BF102896.D

Acq: 9 Feb 2018 18:38

Tgt Ion:	94	Resp:	73474
Ion	Ratio	Lower	Upper
94	100		
65	32.9	7.9	47.9
66	40.3	16.2	56.2





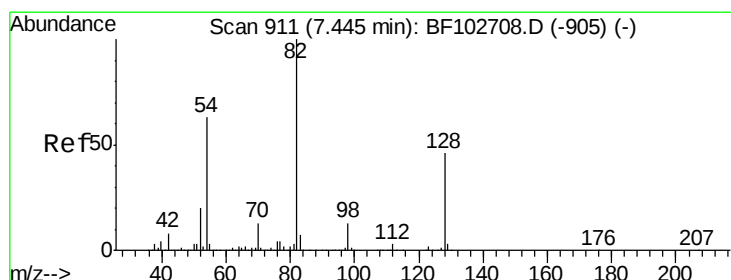
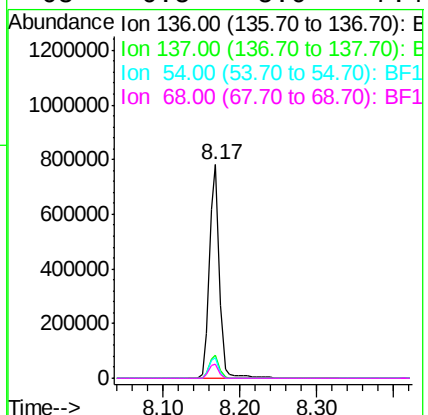
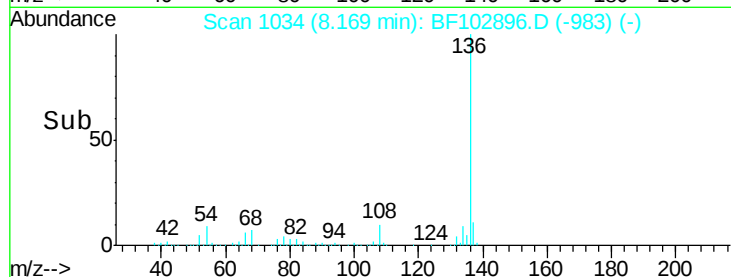
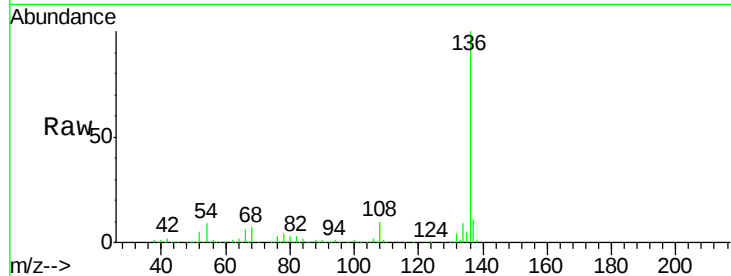
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Instrument :
BNA_F
ClientSampleId :
RO-154

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		8.9	13.3	
54	9.4		6.6	9.8	
68	6.5		5.0	7.4	

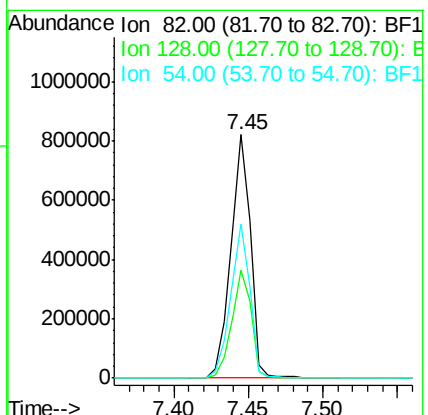
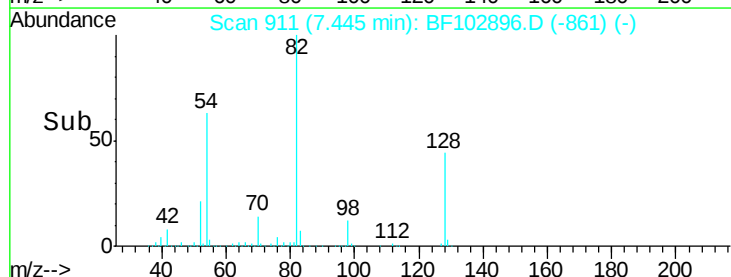
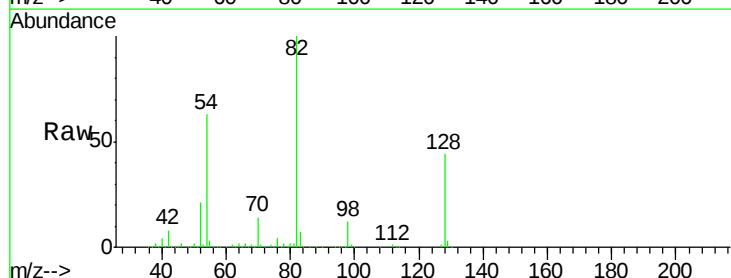
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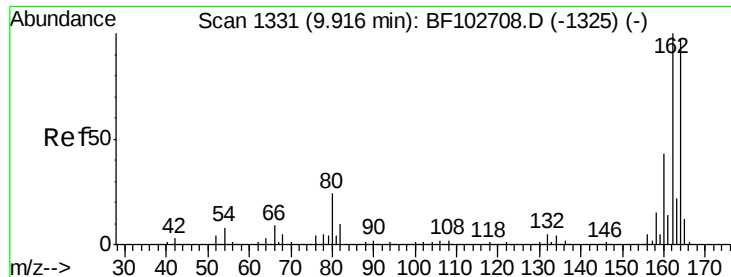
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#23
Nitrobenzene-d5
Concen: 77.015 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	44.3		36.1	54.1	
54	63.4		41.4	62.2	





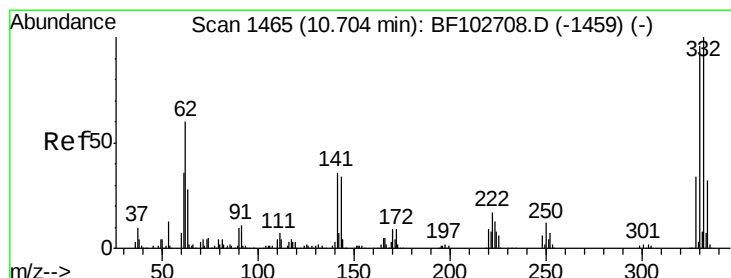
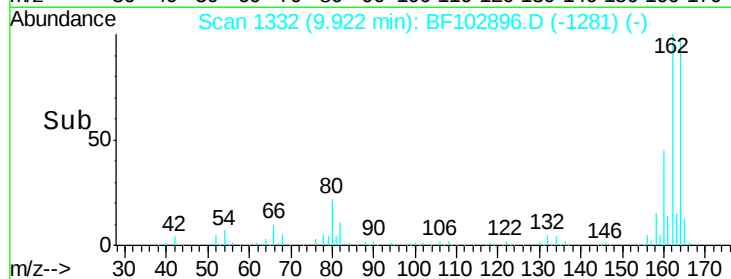
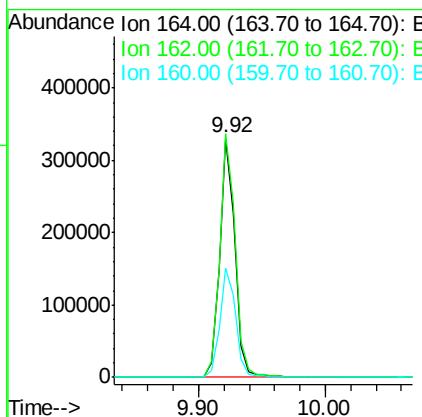
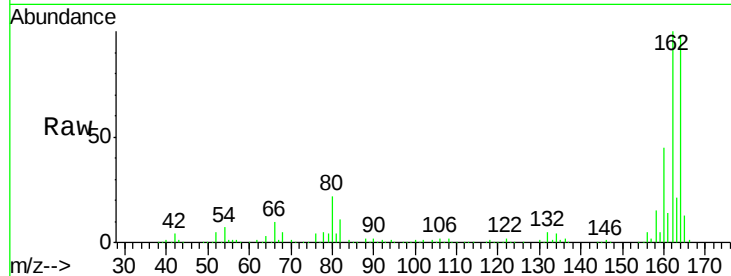
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Instrument :
BNA_F
ClientSampleId :
RO-154

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.8	38.3	57.5

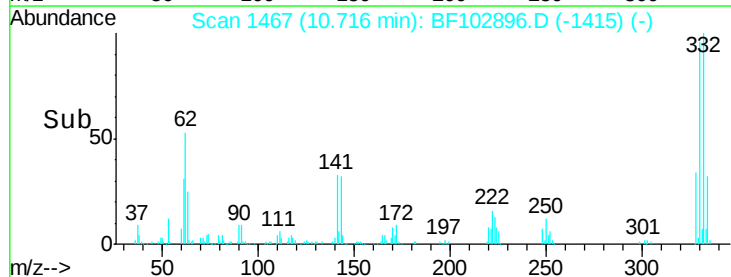
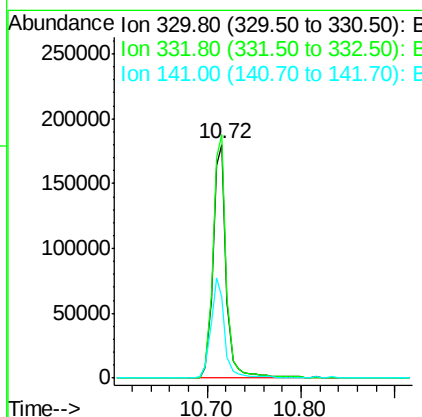
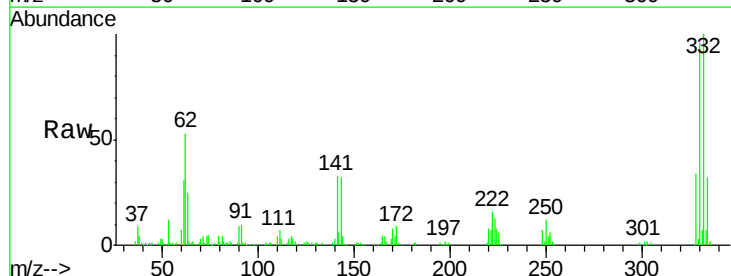
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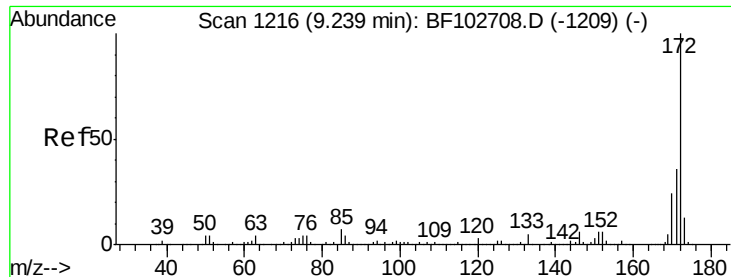
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#41
2,4,6-Tribromophenol
Concen: 80.729 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.3	77.0	115.6
141	44.0	29.9	44.9





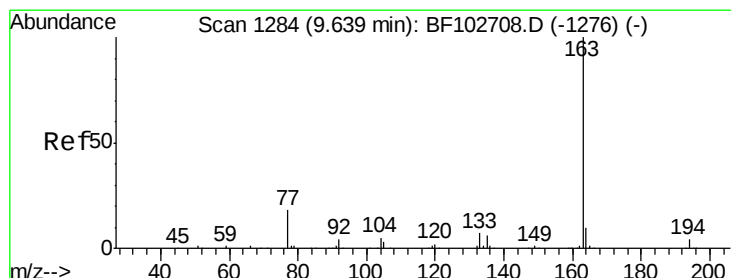
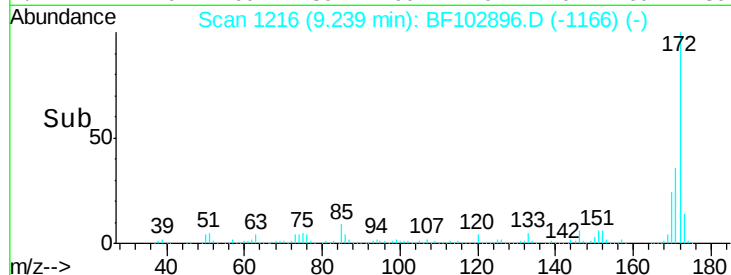
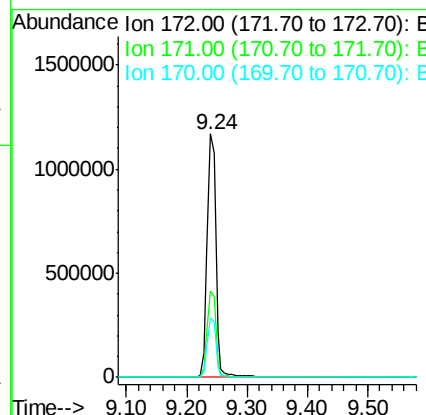
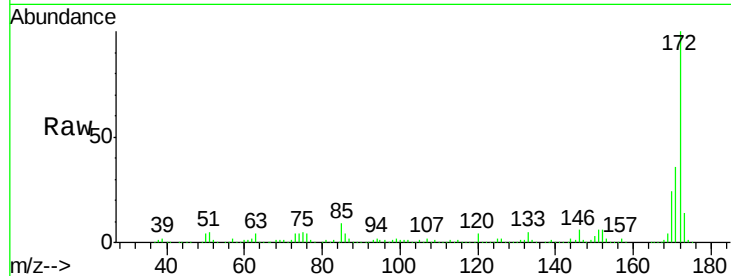
#44
2-Fluorobiphenyl
Concen: 70.329 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Instrument :
BNA_F
ClientSampleId :
RO-154

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.5	29.7	44.5	
170	24.4	19.6	29.4	

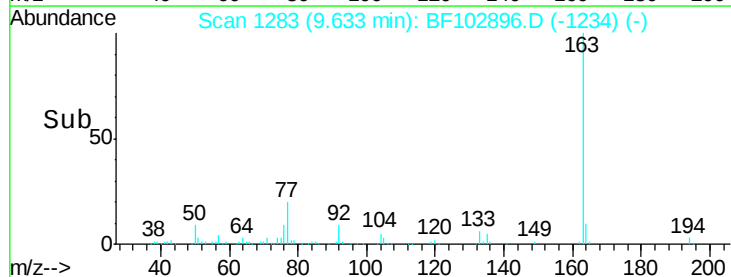
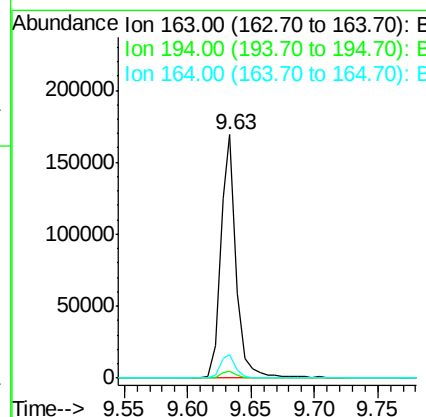
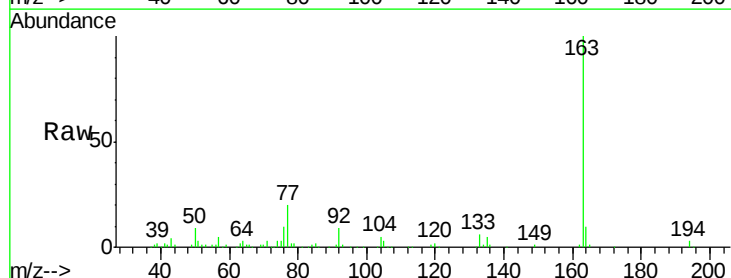
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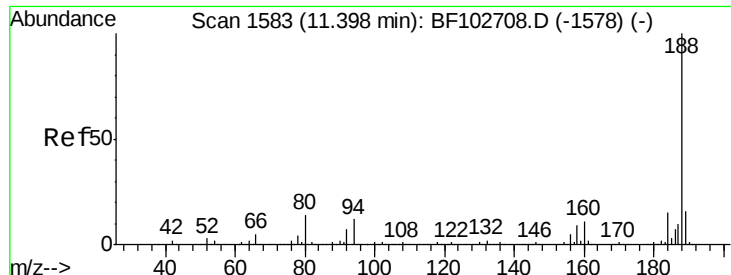
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#49
Dimethylphthalate
Concen: 6.669 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.0	2.7	4.1	
164	9.7	8.2	12.2	





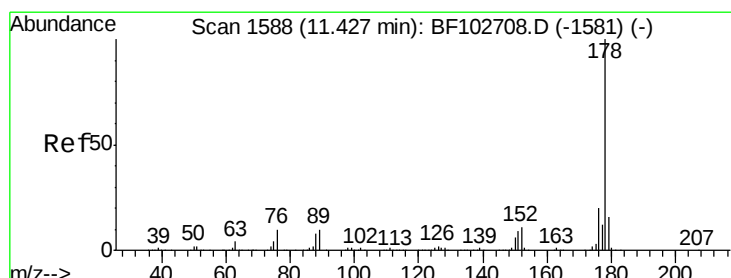
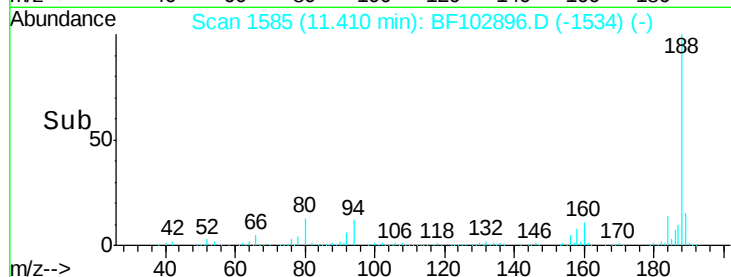
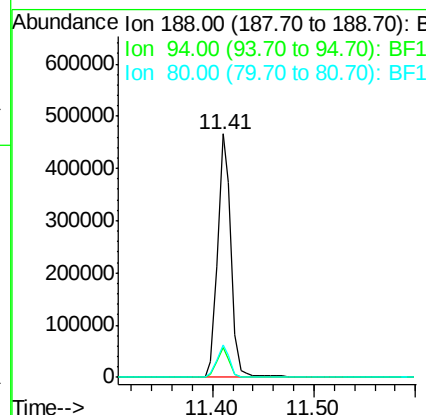
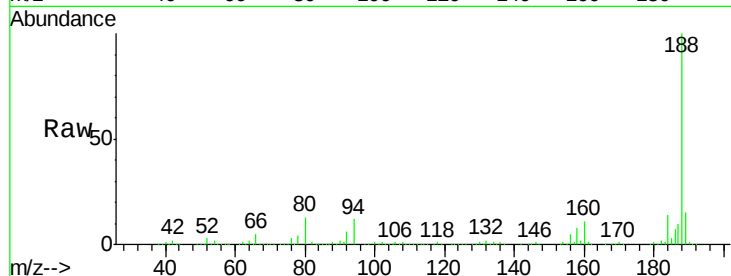
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Instrument :
BNA_F
ClientSampleId :
RO-154

Tot Ion	Ratio	Resp	Lower	Upper
188	100	425748		
94	12.4	8.5	12.7	
80	13.4	9.2	13.8	

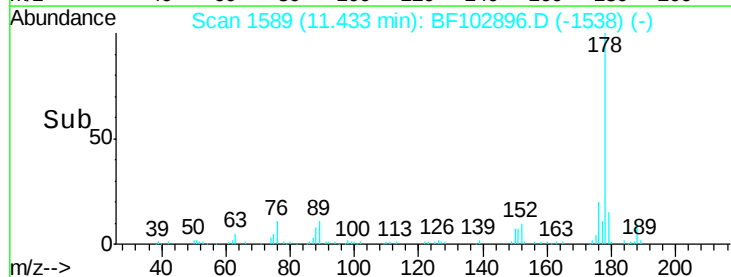
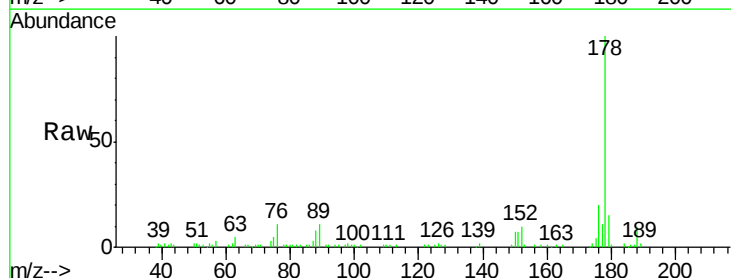
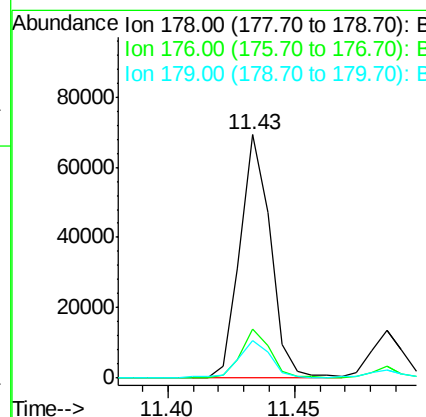
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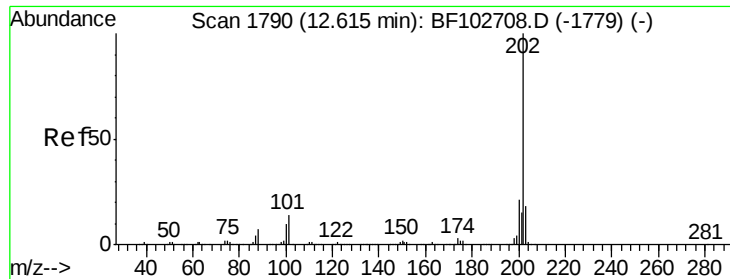
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#70
Phenanthrene
Concen: 2.452 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	58129		
176	19.9	15.8	23.8	
179	15.2	13.0	19.6	





#74

Fluoranthene

Concen: 6.423 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102896.D

Acq: 9 Feb 2018 18:38

Instrument :

BNA_F

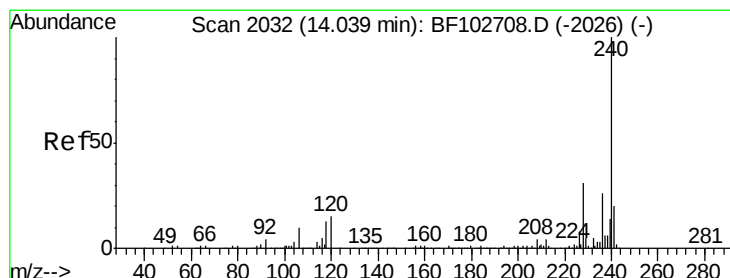
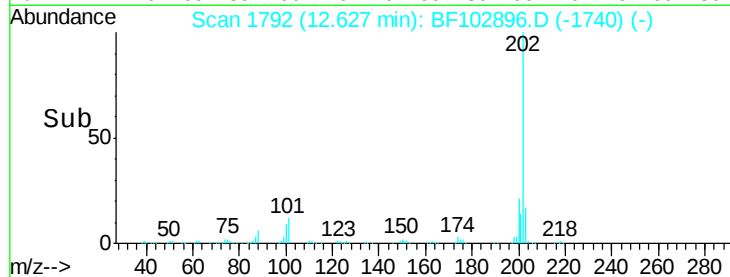
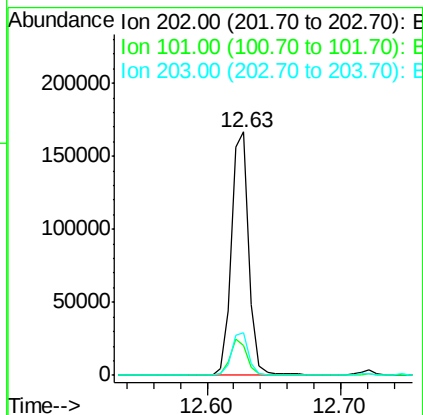
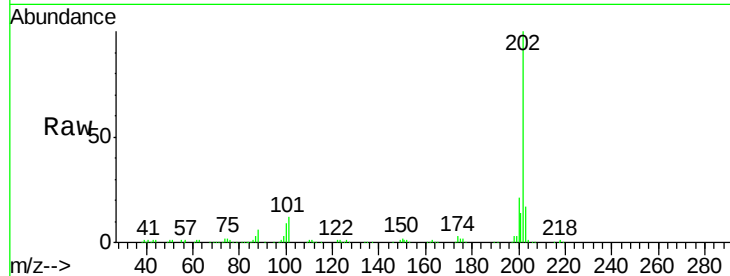
ClientSampleId :

RO-154

Tot Ion:	202	Resp:	153234
Ion Ratio		Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

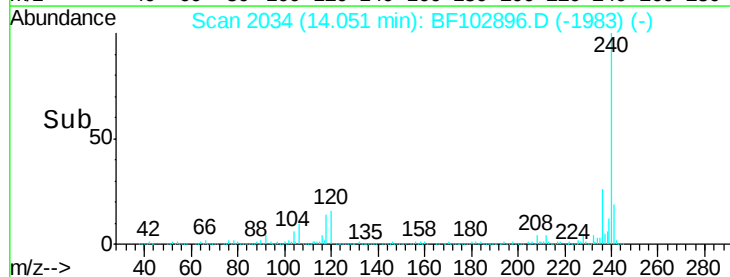
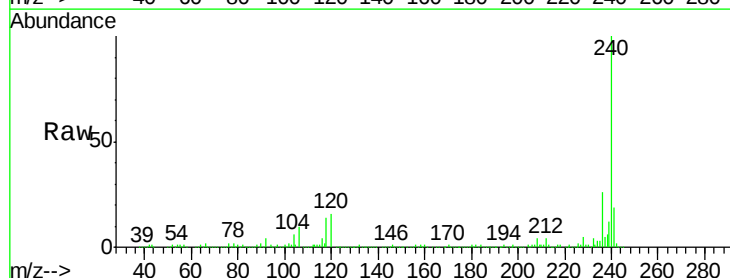
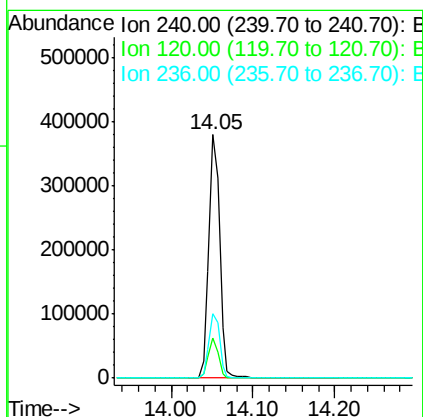
RT: 14.05 min Scan# 2034

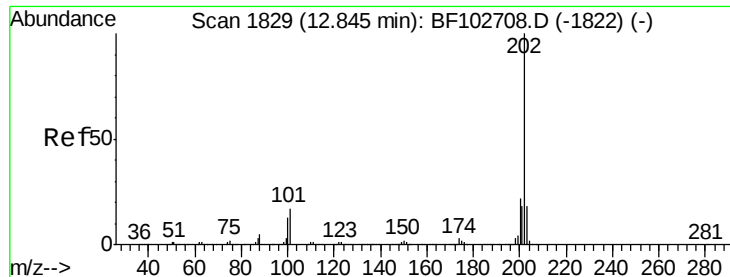
Delta R.T. 0.00 min

Lab File: BF102896.D

Acq: 9 Feb 2018 18:38

Tgt Ion:	240	Resp:	353635
Ion Ratio		Lower	Upper
240	100		
120	16.3	9.5	14.3#
236	26.4	20.7	31.1





#77

Pvrene

Concen: 4.626 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102896.D

Acq: 9 Feb 2018 18:38

Instrument :

BNA_F

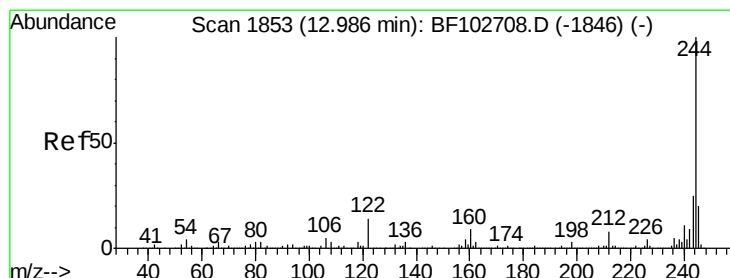
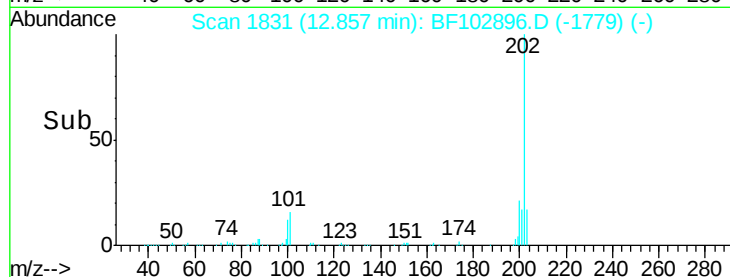
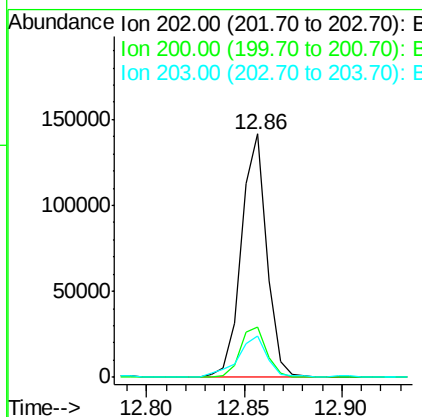
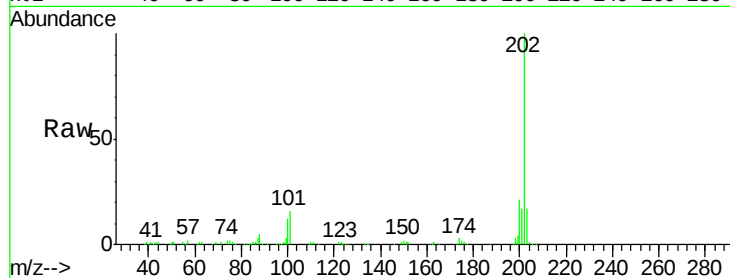
ClientSampleId :

RO-154

Tot Ion:	202	Resp:	128272
Ion Ratio		Lower	Upper
202	100		
200	20.6	17.4	26.2
203	16.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 60.823 ng

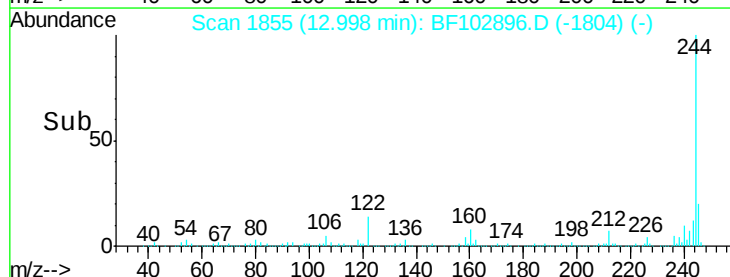
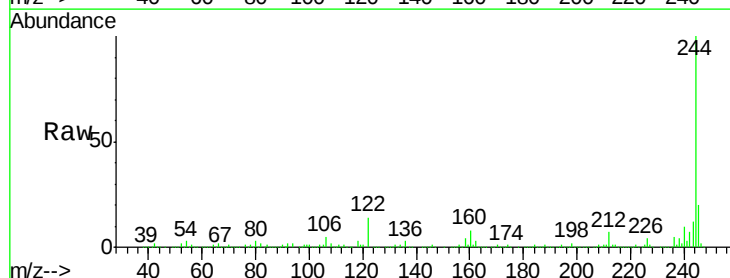
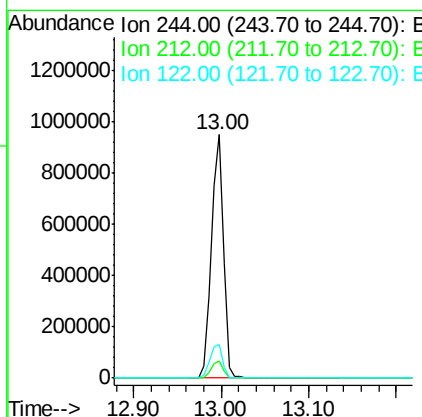
RT: 13.00 min Scan# 1855

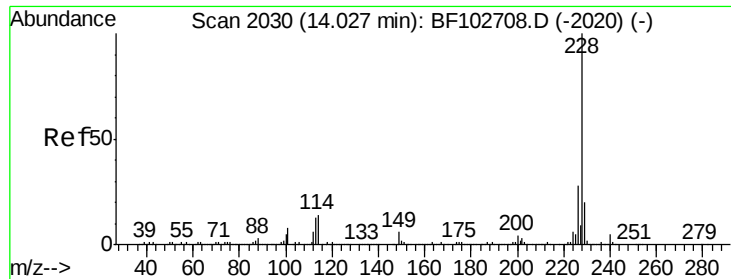
Delta R.T. 0.00 min

Lab File: BF102896.D

Acq: 9 Feb 2018 18:38

Tgt Ion:	244	Resp:	908413
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.1	11.0	16.4





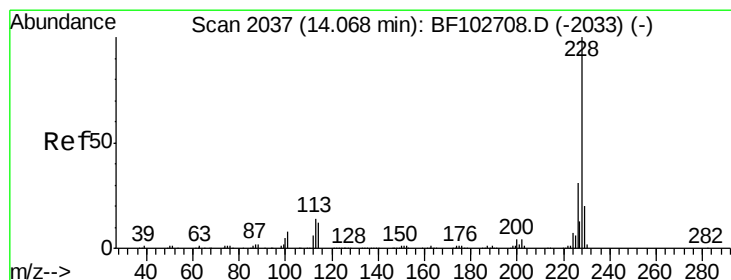
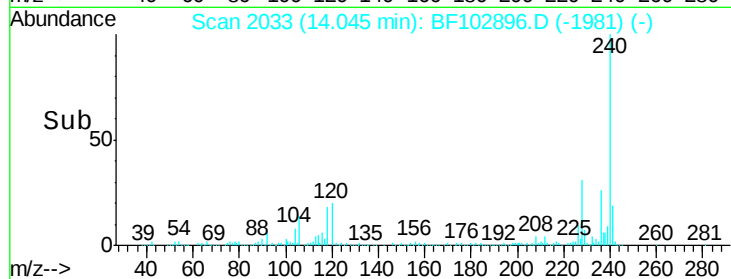
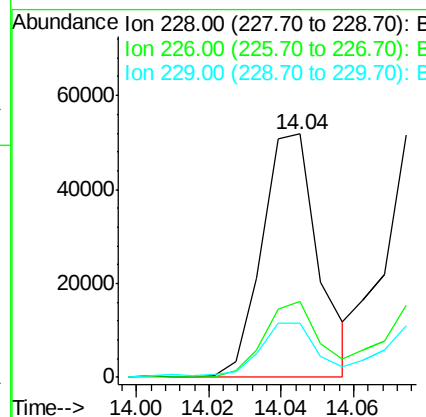
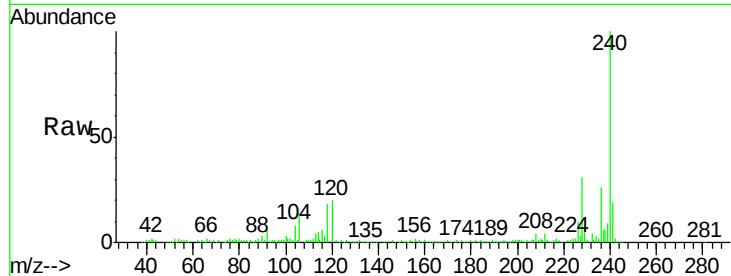
#80
Benzo(a)anthracene
Concen: 2.533 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Instrument :
BNA_F
ClientSampleId :
RO-154

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	22.5	15.8	23.6

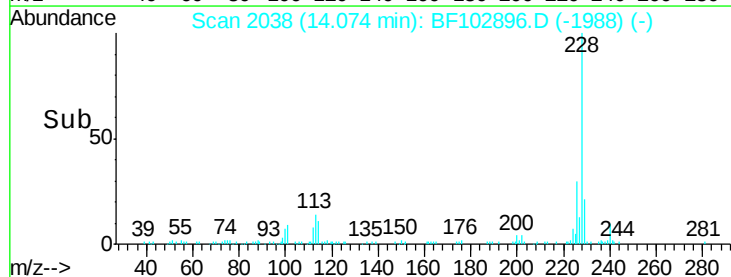
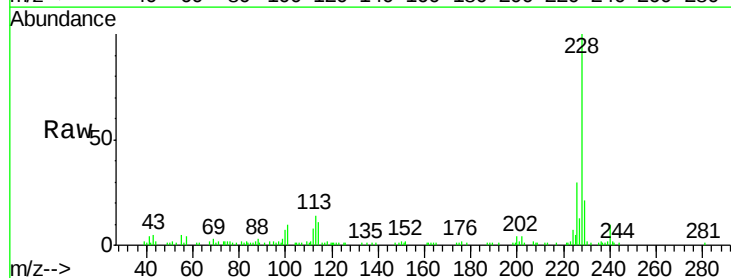
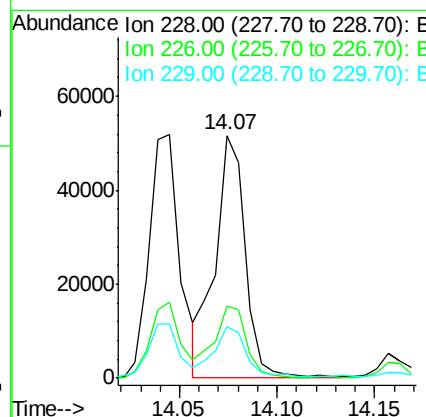
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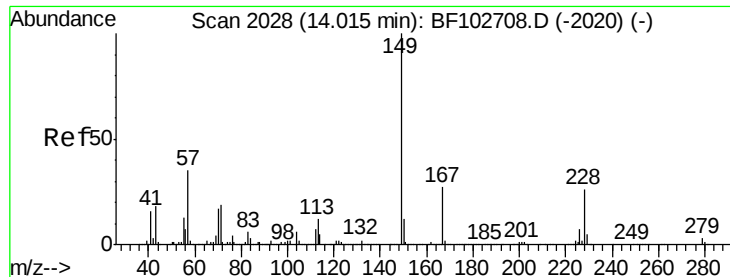
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#82
Chrysene
Concen: 2.489 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.3	16.2	24.4





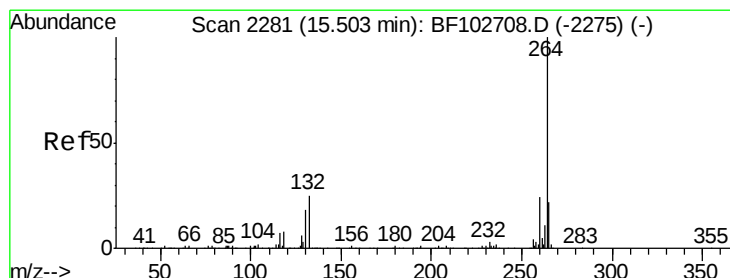
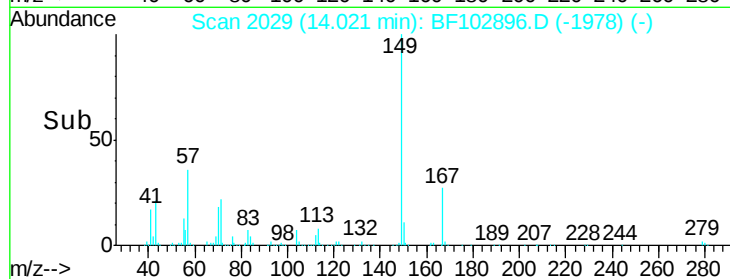
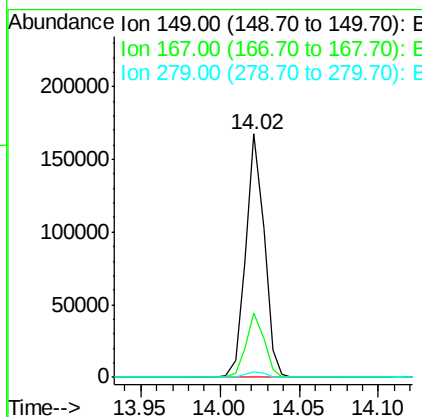
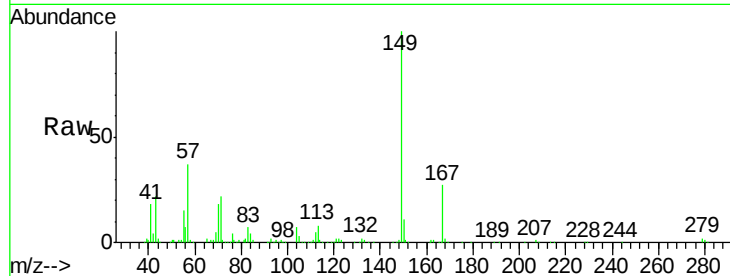
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.064 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Instrument :
BNA_F
ClientSampled :
RO-154

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	2.5	3.0	4.4

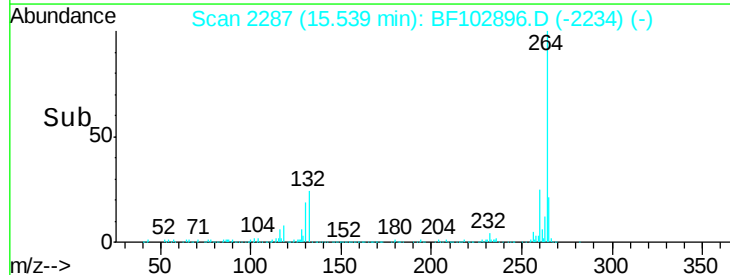
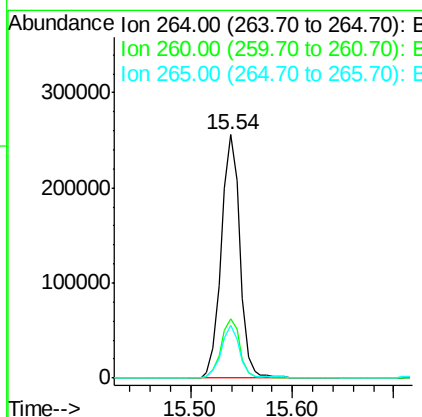
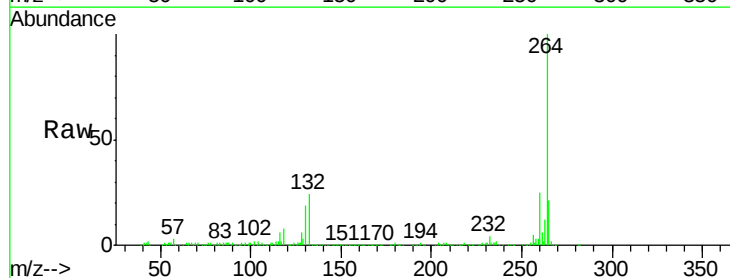
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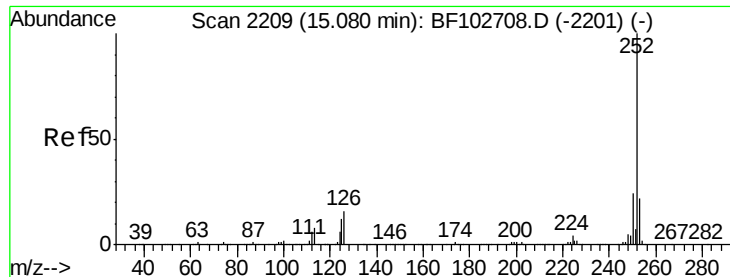
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102896.D
Acq: 9 Feb 2018 18:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.279 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF102896.D

Acq: 9 Feb 2018 18:38

Instrument :

BNA_F

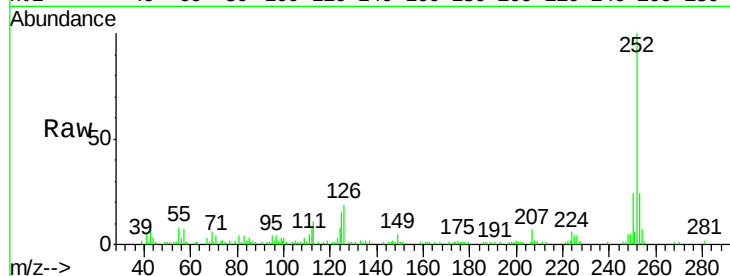
ClientSampleId :

RO-154

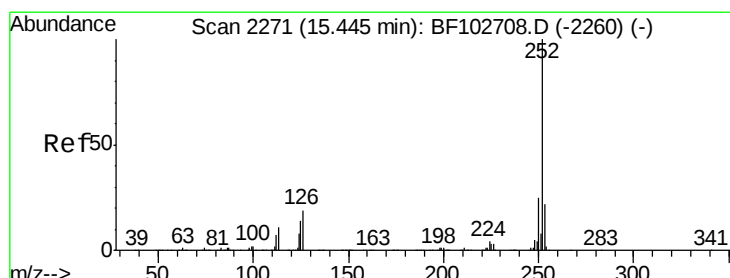
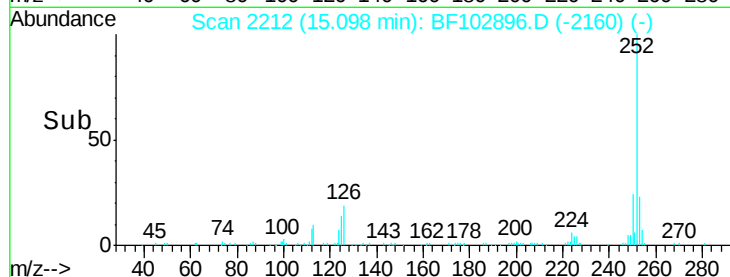
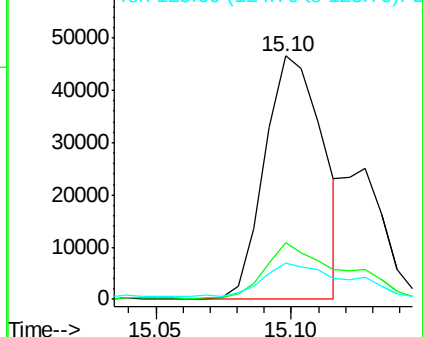
Tot Ion:	252	Resp:	69808
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	14.7	9.0	13.6#

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



#89

Benzo(a)pyrene

Concen: 2.263 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF102896.D

Acq: 9 Feb 2018 18:38

Tgt Ion:	252	Resp:	43367
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.1	25.7
125	15.9	9.8	14.6#

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

