

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000870.D
 Acq On : 18 Oct 2019 05:54
 Operator : JU
 Sample : K5153-01 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-101619

Manual Integrations
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 10/20/2019 8:17:01 PM

Quant Time: Oct 18 08:57:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 08:05:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	165881	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	599324	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	326592	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	587883	20.00	ng	0.00
76) Chrysene-d12	13.98	240	508106	20.00	ng	0.00
87) Perylene-d12	15.46	264	491475	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	443058	42.93	ng	0.00
7) Phenol-d6	6.39	99	566629	45.57	ng	0.00
23) Nitrobenzene-d5	7.31	82	295676	30.13	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	170078	48.87	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	718140	35.58	ng	0.00
79) Terphenyl-d14	12.92	244	825670	32.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.51	163	93174	4.106	ng	98
71) Phenanthrene	11.32	178	130554	4.422	ng	100
75) Fluoranthene	12.53	202	223304	6.734	ng	93
78) Pyrene	12.77	202	285892	8.158	ng	99
81) Benzo(a)anthracene	13.97	228	132257	4.266	ng	# 93
83) Chrysene	14.00	228	148570	4.883	ng	96
88) Benzo(b)fluoranthene	15.03	252	187537m	6.726	ng	
90) Benzo(a)pyrene	15.40	252	106339	4.091	ng	# 90
92) Benzo(g,h,i)perylene	17.39	276	62677	2.447	ng	# 92

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

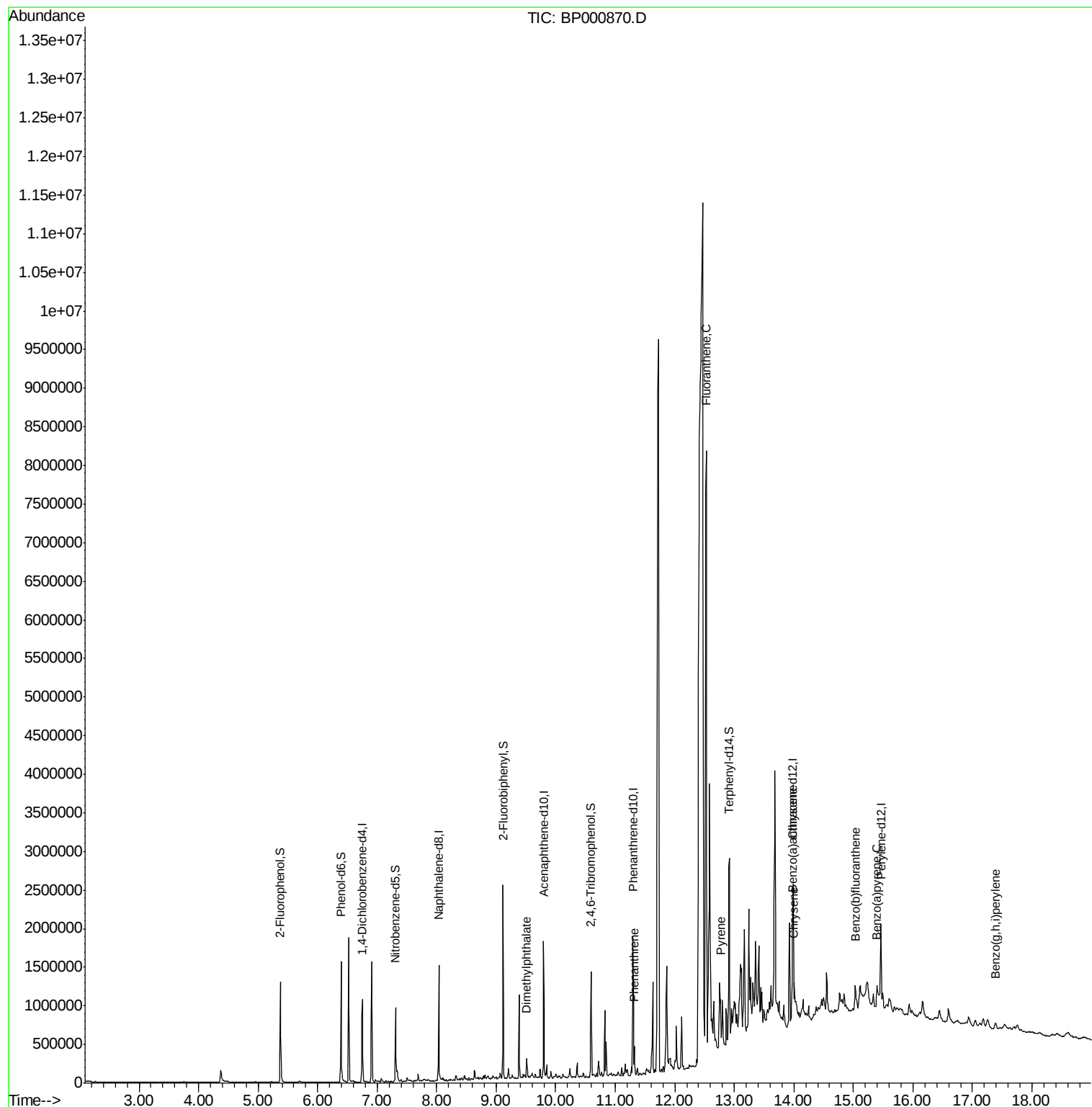
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000870.D
Acq On : 18 Oct 2019 05:54
Operator : JU
Sample : K5153-01 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

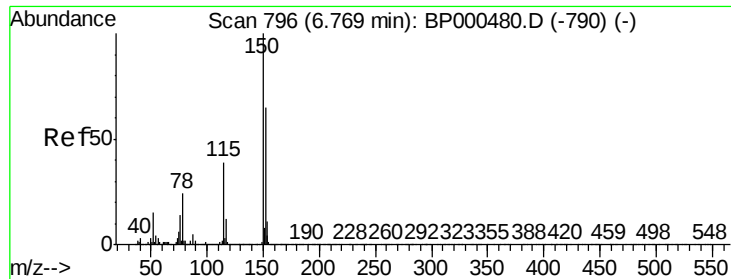
Instrument :
BNA_P
ClientSampleId :
TR-04-101619

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Quant Time: Oct 18 08:57:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

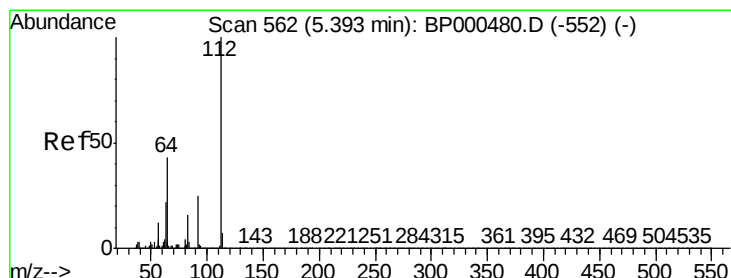
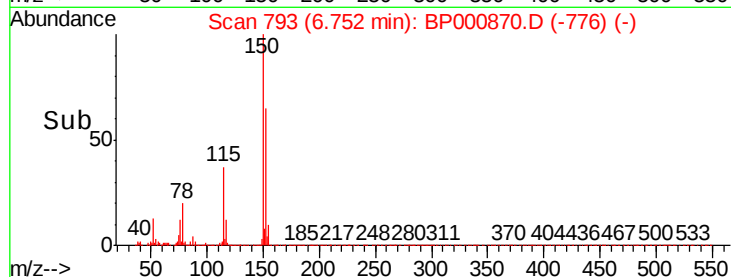
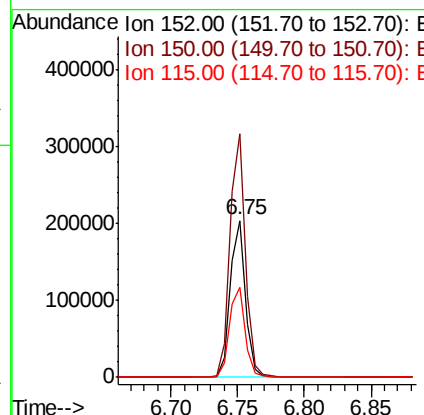
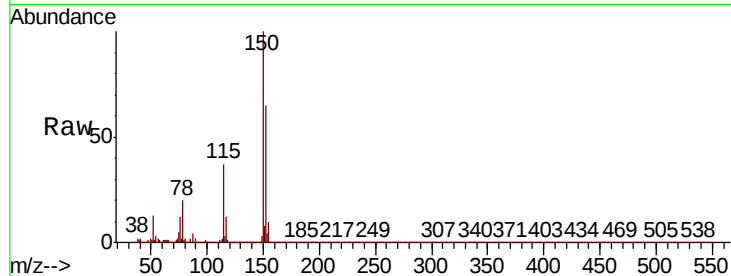
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.1	186.1
115	57.7	48.7	73.1

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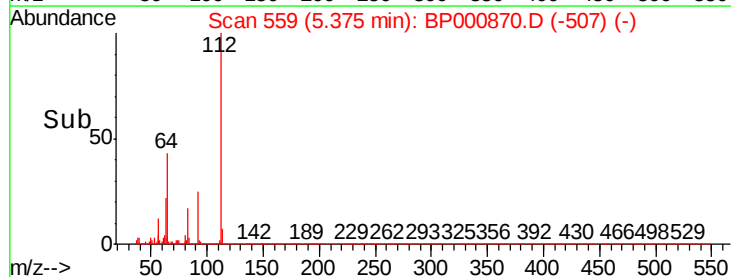
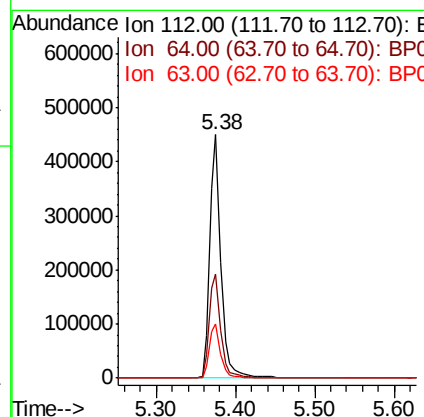
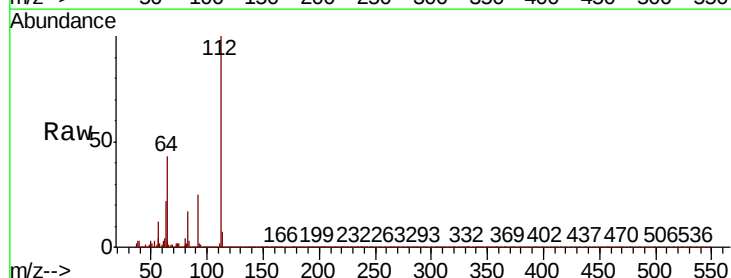
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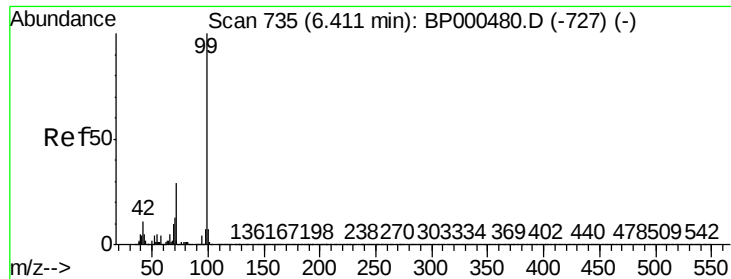


#5

2-Fluorophenol
Concen: 42.934 ng
RT: 5.38 min Scan# 559
Delta R.T. 0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.0	34.2	51.4
63	22.0	17.9	26.9





#7

Phenol-d6

Concen: 45.565 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BP000870.D

Acq: 18 Oct 2019 05:54

Instrument :

BNA_P

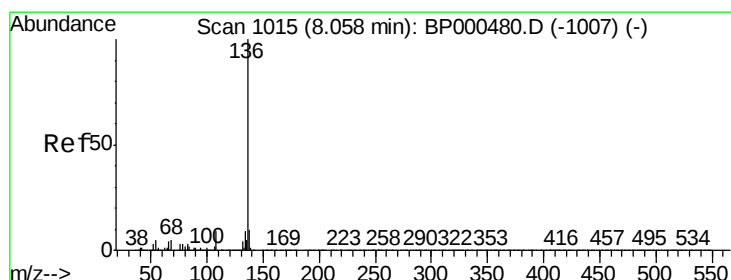
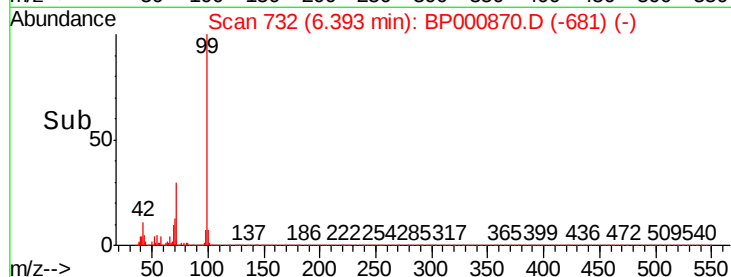
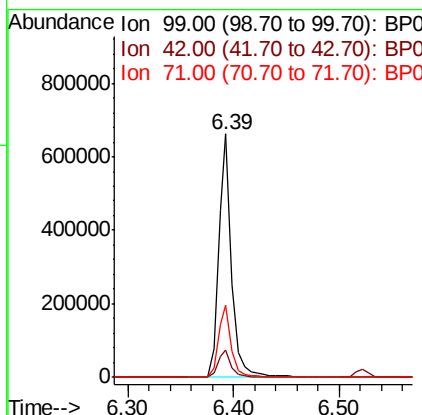
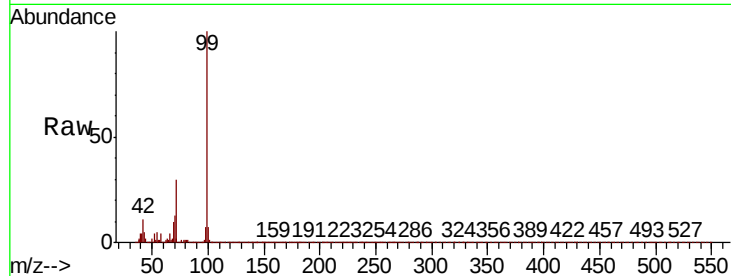
ClientSampleId :

TR-04-101619

Tot Ion:	99	Resp:	566629
Ion Ratio	Lower	Upper	
99	100		
42	11.1	8.6	12.8
71	29.8	23.0	34.4

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#21

Naphthalene-d8

Concen: 20.000 ng

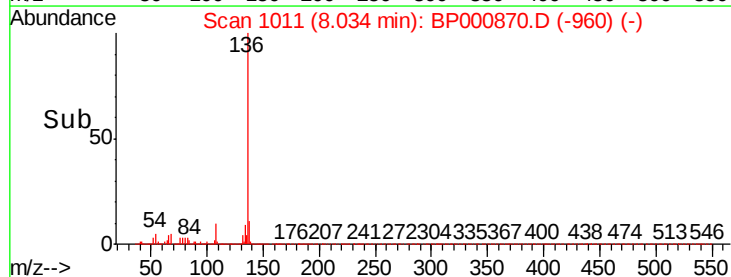
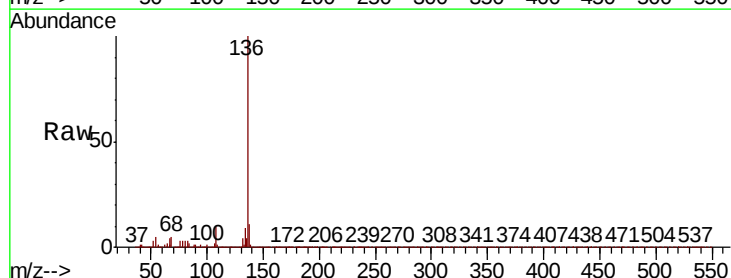
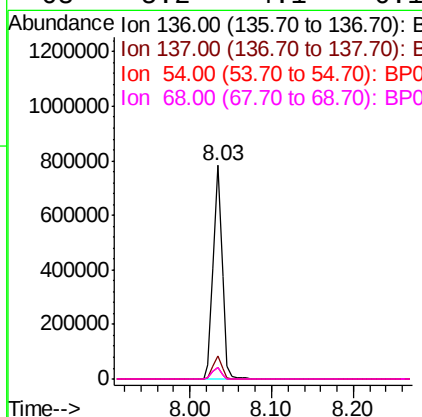
RT: 8.03 min Scan# 1011

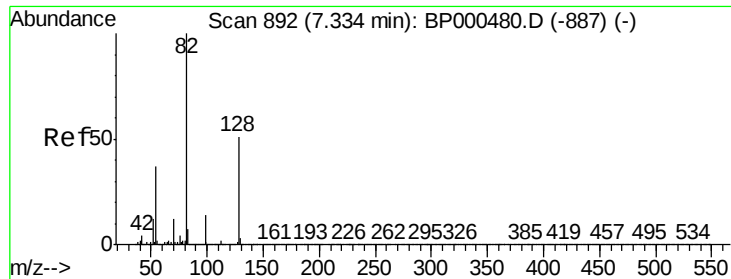
Delta R.T. 0.00 min

Lab File: BP000870.D

Acq: 18 Oct 2019 05:54

Tgt Ion:	136	Resp:	599324
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.4
54	5.2	4.1	6.1
68	5.2	4.1	6.1





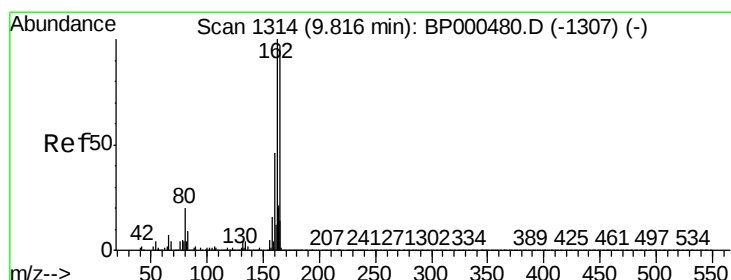
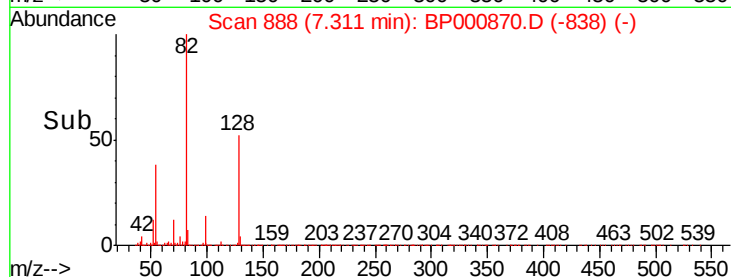
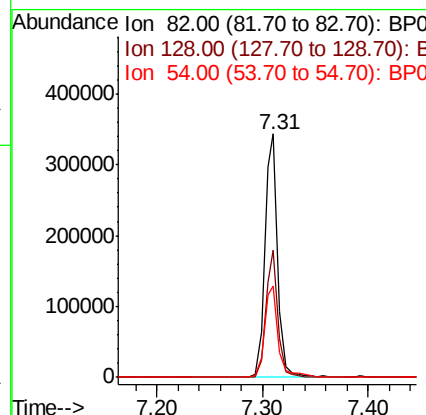
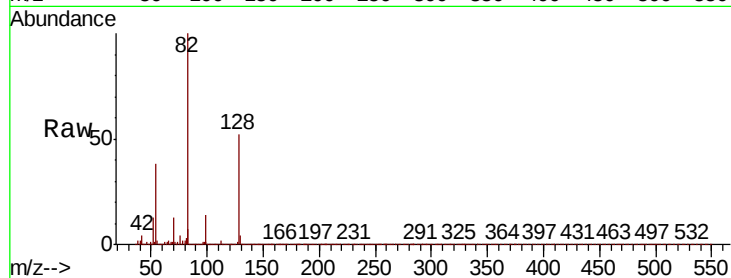
#23
Nitrobenzene-d5
Concen: 30.131 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.0	40.9	61.3
54	37.6	29.4	44.2

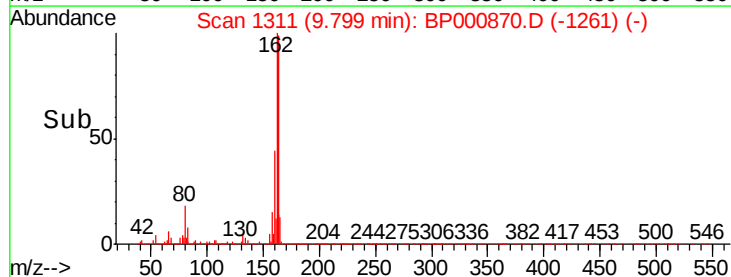
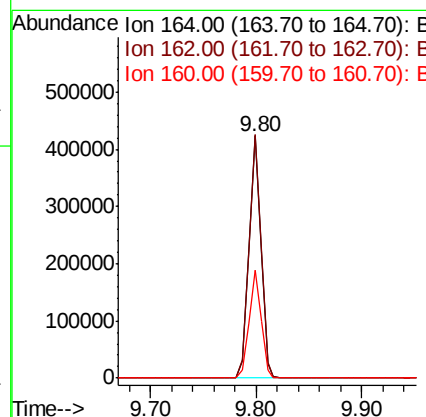
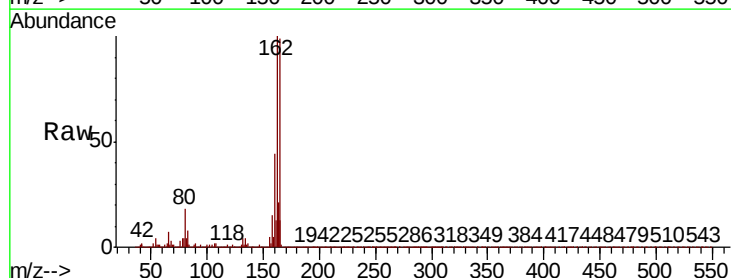
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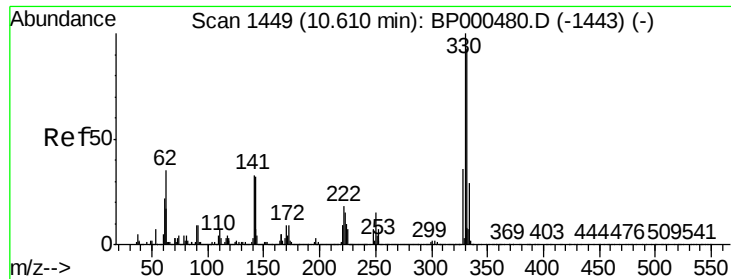
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.2
160	44.4	37.6	56.4





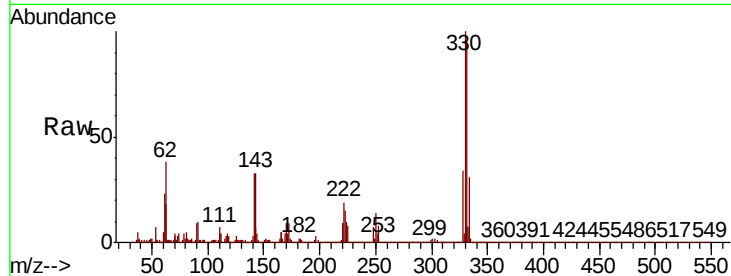
#42
2,4,6-Tribromophenol
Concen: 48.870 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	29.8	26.0	39.0

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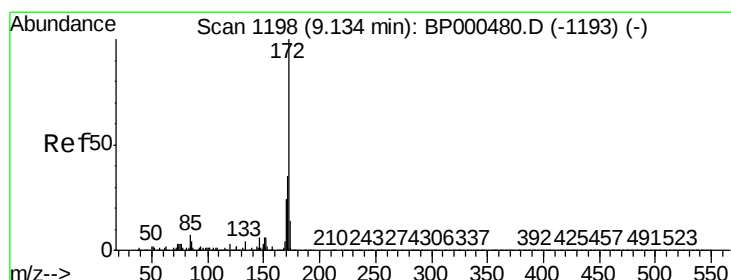
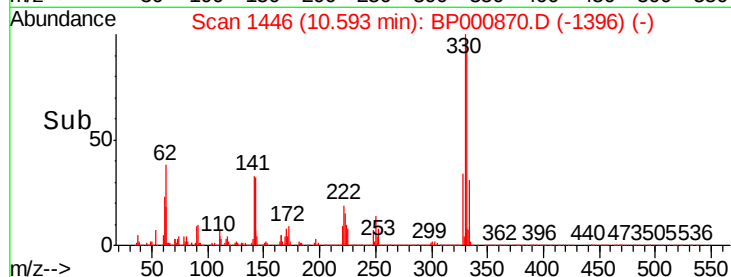
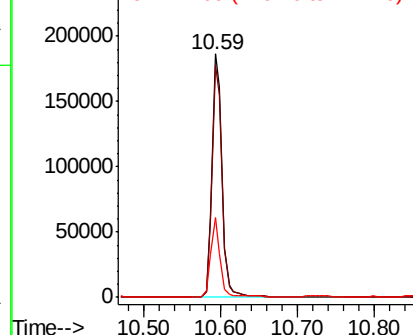


Abundance

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: 35.578 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

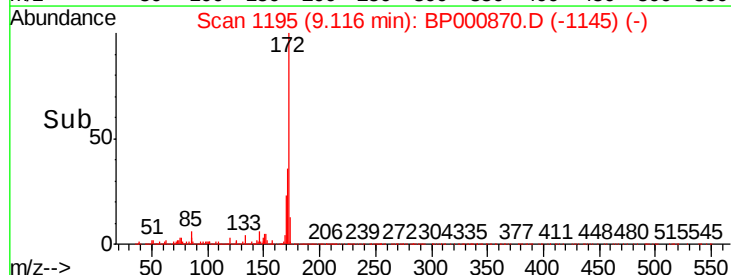
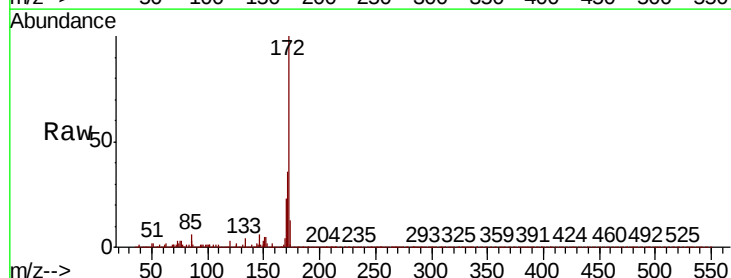
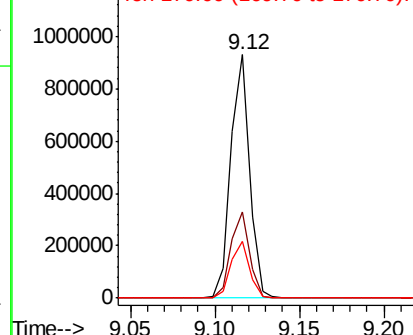
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	23.5	19.1	28.7

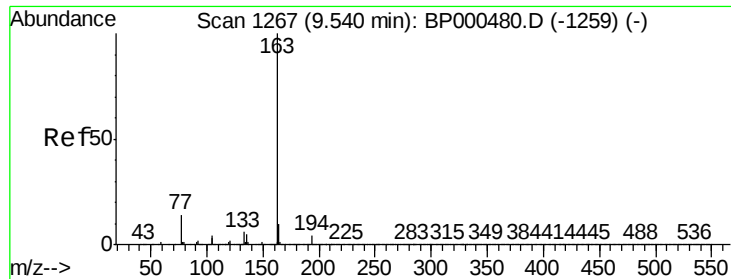
Abundance

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





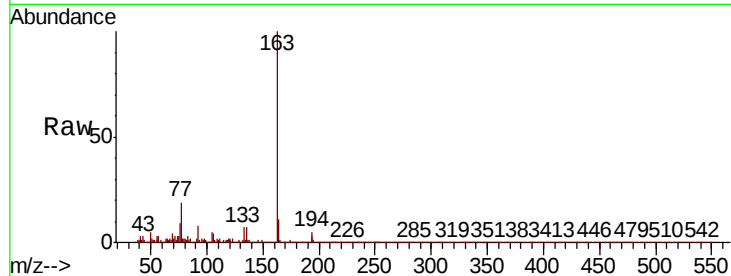
#50
Dimethylphthalate
Concen: 4.106 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.9	8.0	12.0

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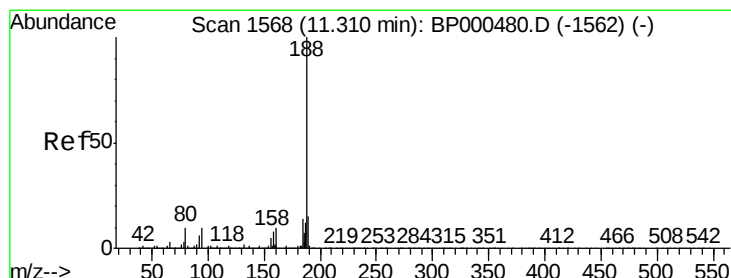
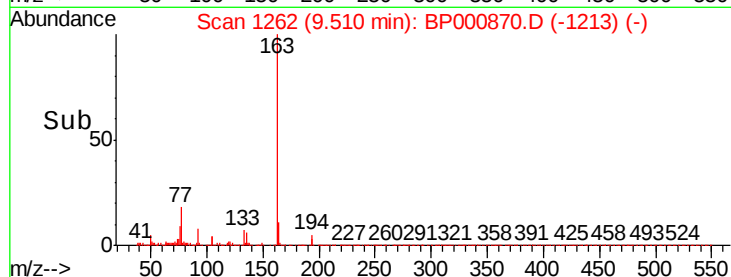
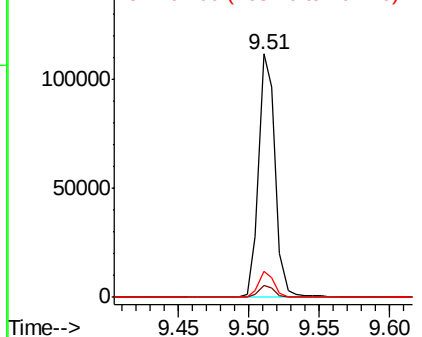


Abundance

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: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

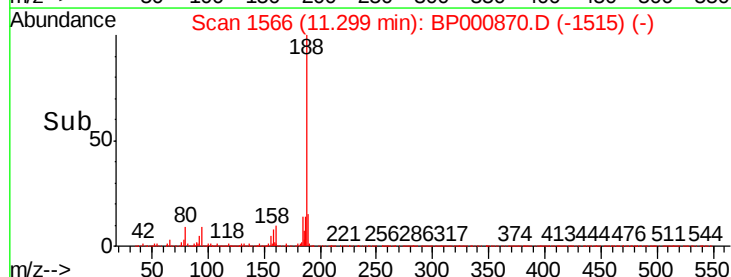
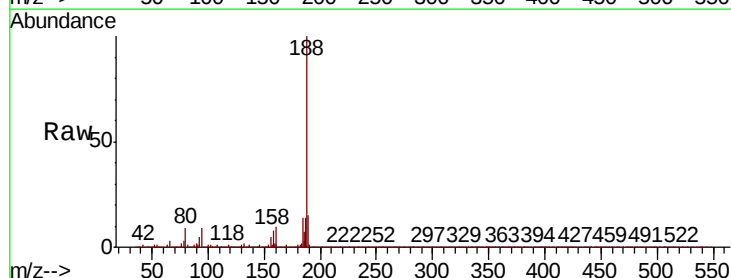
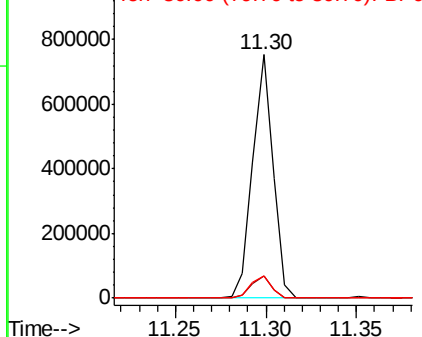
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.2	8.3	12.5

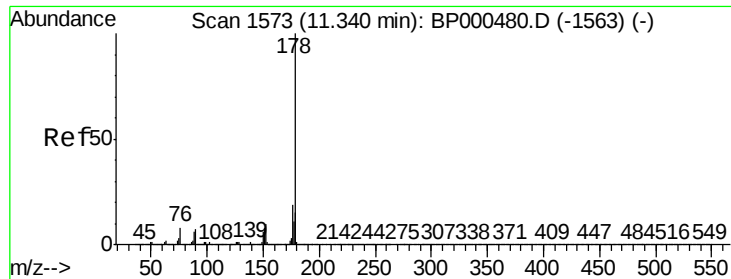
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





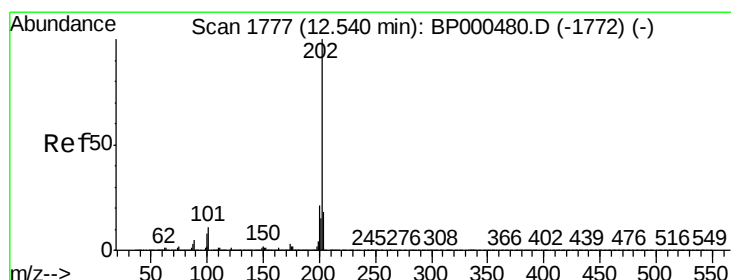
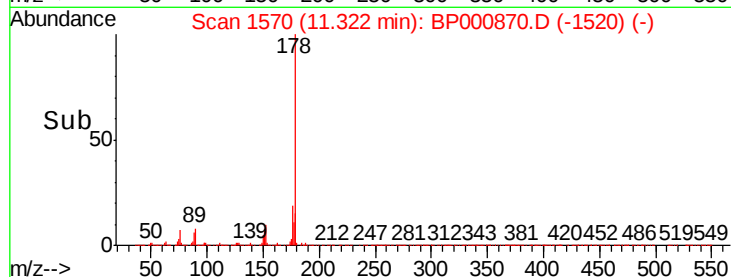
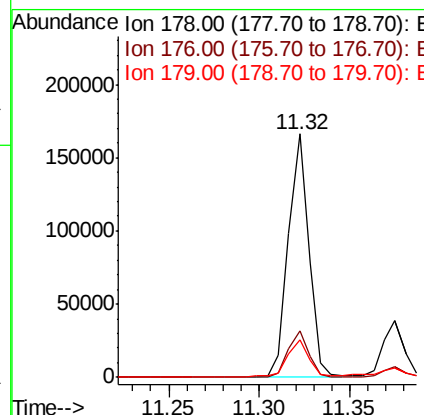
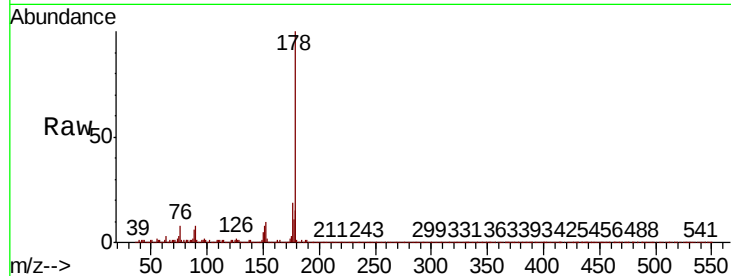
#71
Phenanthrene
Concen: 4.422 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.2	18.4

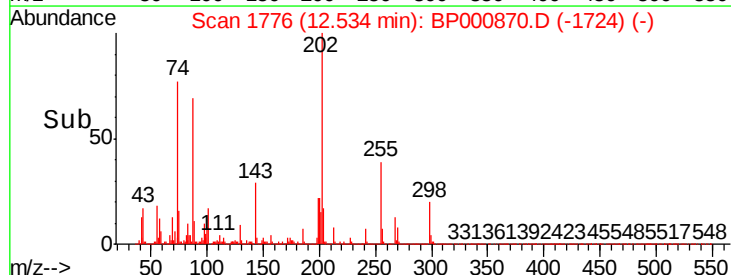
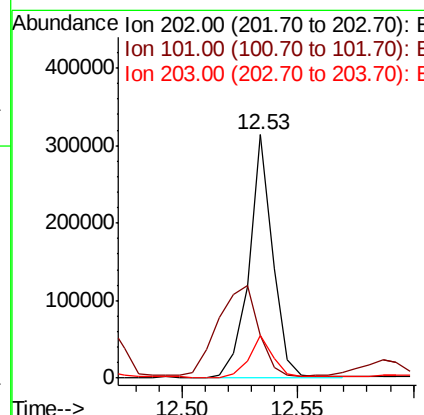
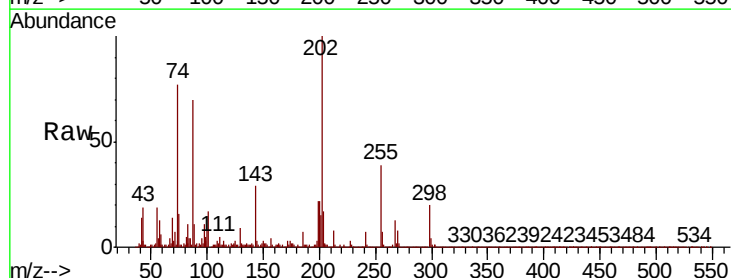
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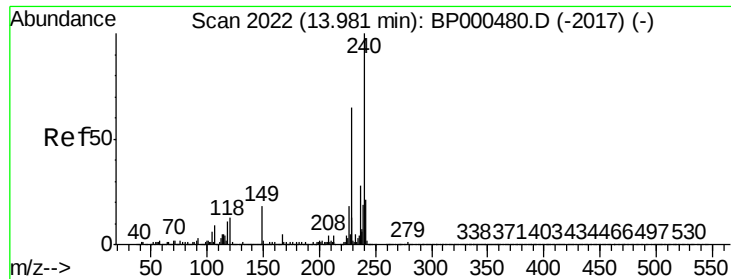
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#75
Fluoranthene
Concen: 6.734 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.4	0.0	31.3
203	17.5	0.0	38.1





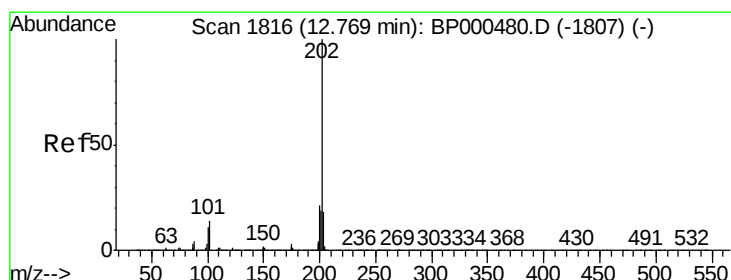
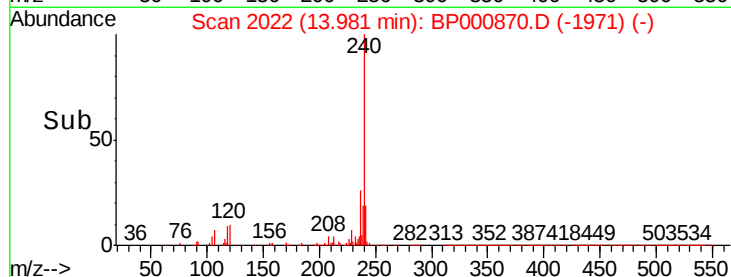
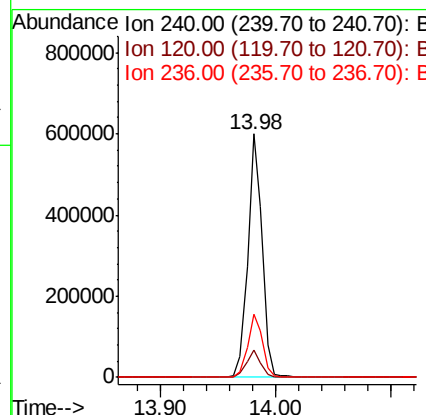
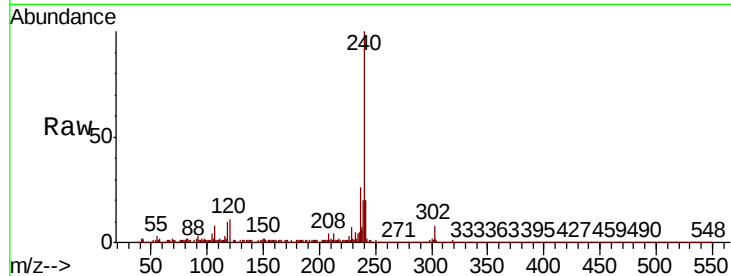
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.1	15.1
236	26.0	22.7	34.1

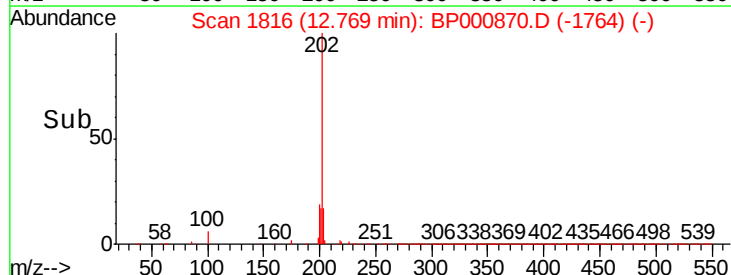
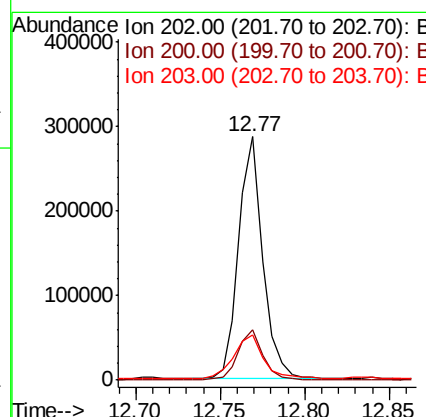
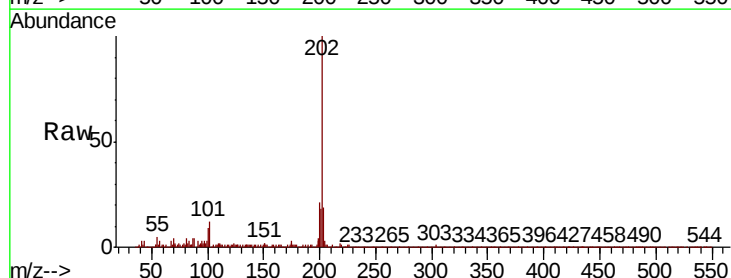
Manual Integrations
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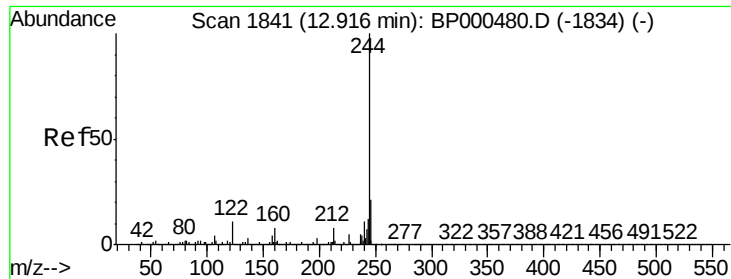
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#78
Pyrene
Concen: 8.158 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.1	25.7
203	18.8	14.6	21.8





#79

Terphenyl-d14

Concen: 32.902 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BP000870.D

Acq: 18 Oct 2019 05:54

Instrument :

BNA_P

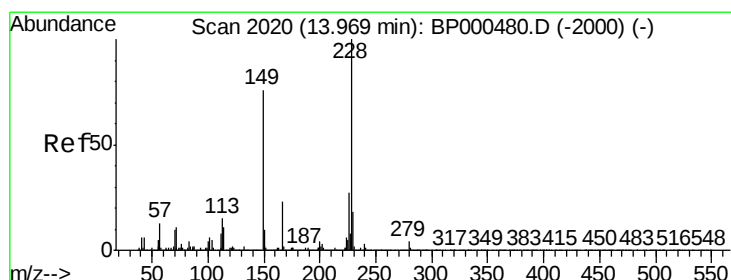
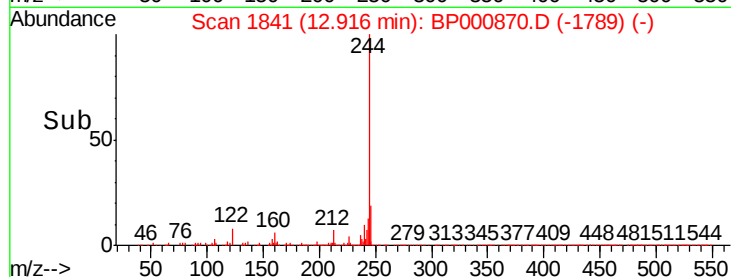
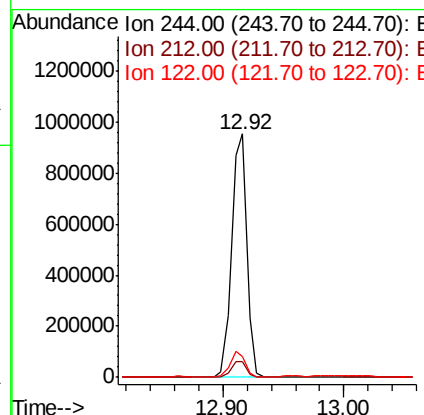
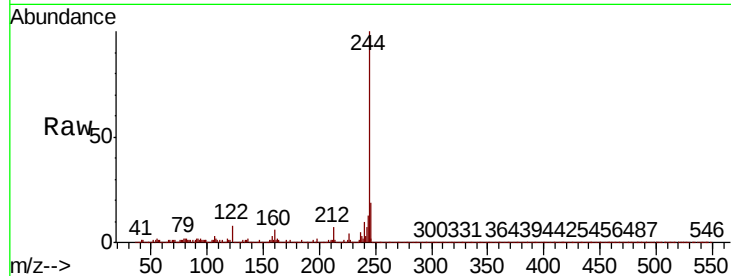
ClientSampleId :

TR-04-101619

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	8.4	8.9	13.3

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#81

Benzo(a)anthracene

Concen: 4.266 ng

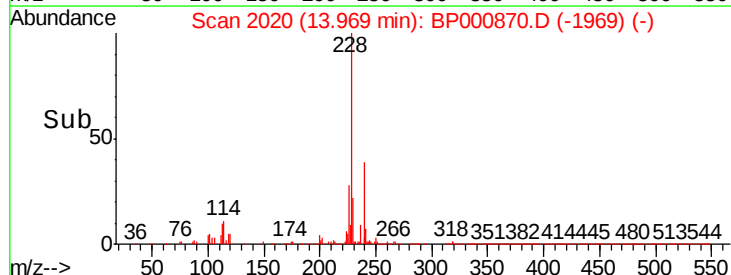
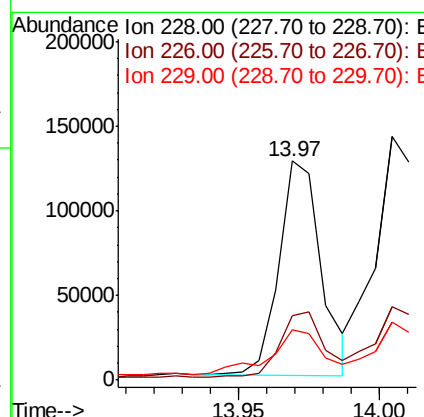
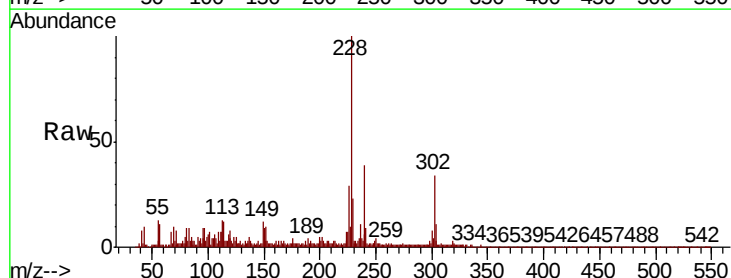
RT: 13.97 min Scan# 2020

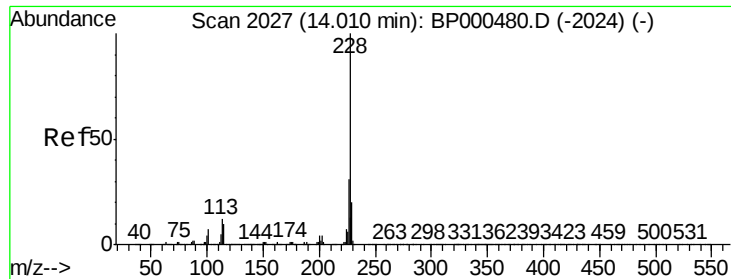
Delta R.T. 0.00 min

Lab File: BP000870.D

Acq: 18 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.4	32.2
229	23.2	14.7	22.1





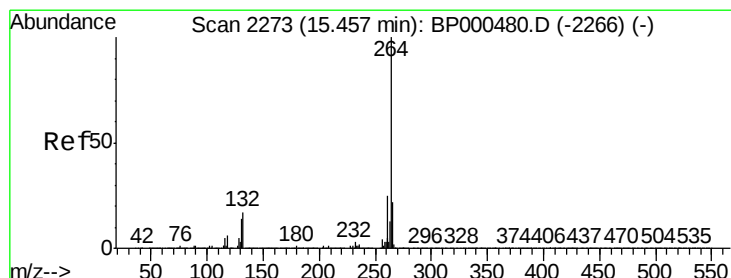
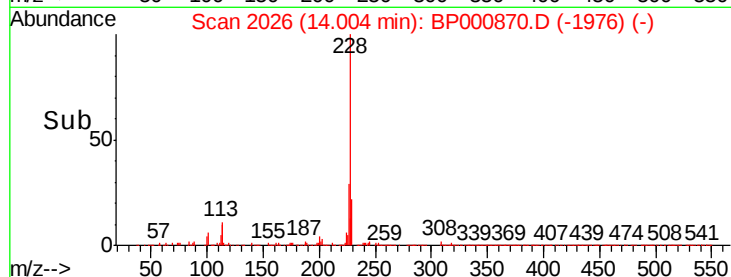
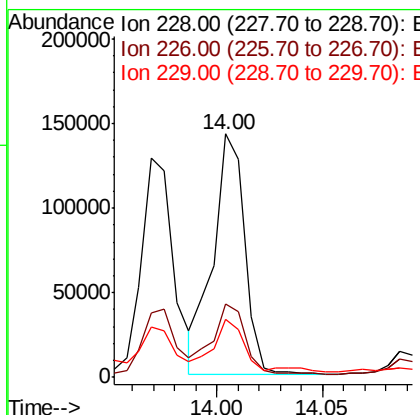
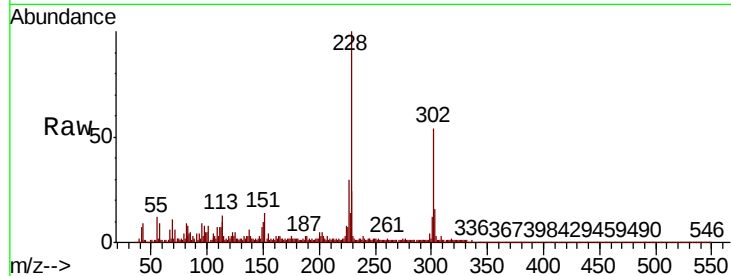
#83
Chrysene
Concen: 4.883 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.7	37.1
229	23.7	16.3	24.5

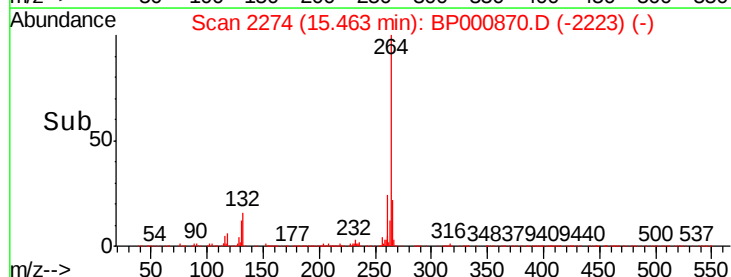
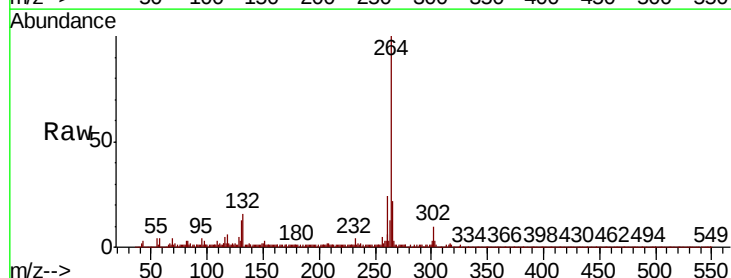
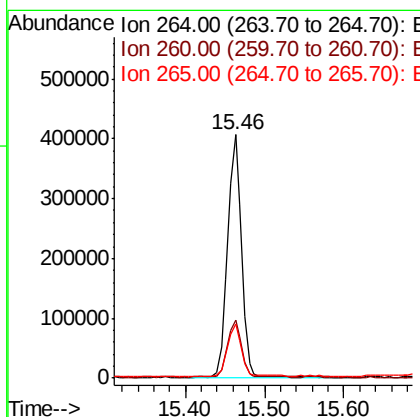
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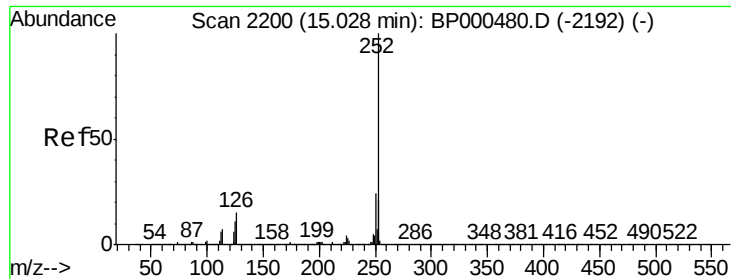
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.3	30.5
265	22.3	18.0	27.0





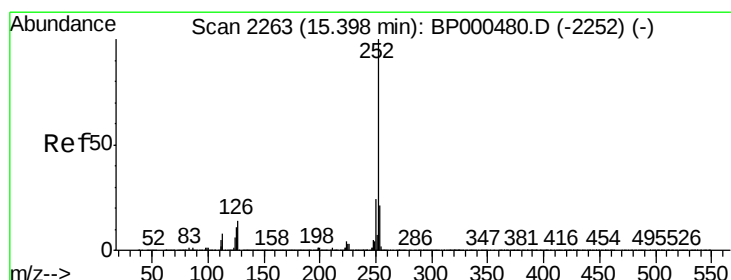
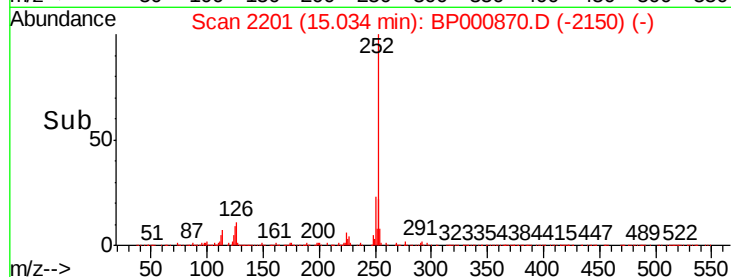
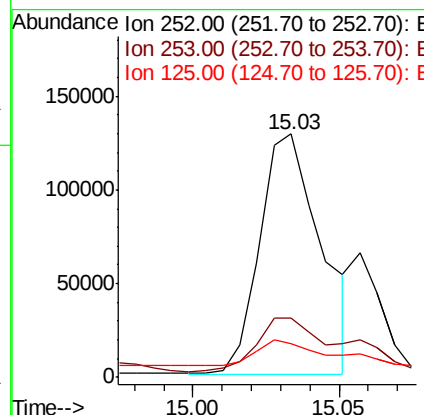
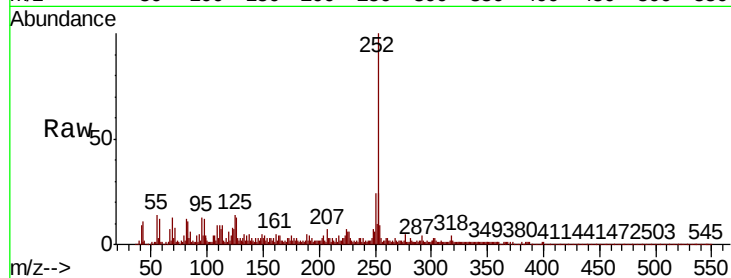
#88
Benzo(b)fluoranthene
Concen: 6.726 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Instrument :
BNA_P
ClientSampleId :
TR-04-101619

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.4
125	14.0	8.9	13.3

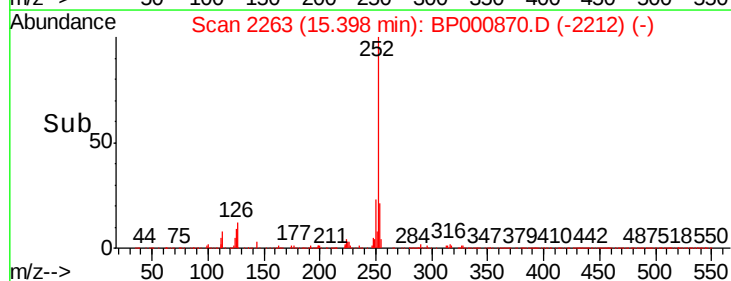
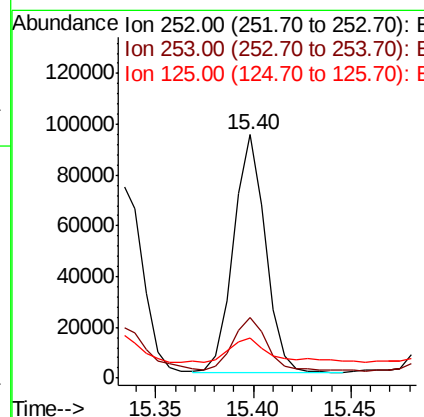
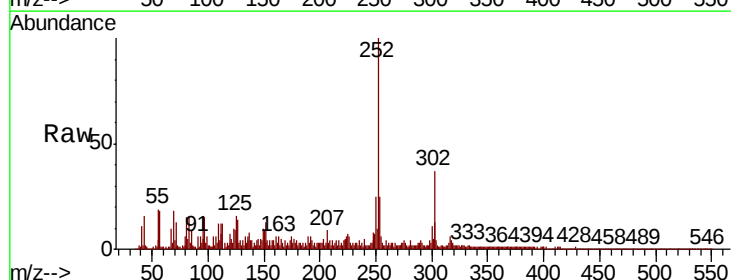
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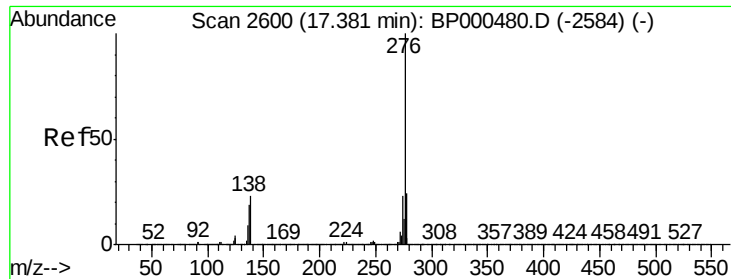
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#90
Benzo(a)pyrene
Concen: 4.091 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BP000870.D
Acq: 18 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	16.3	8.4	12.6





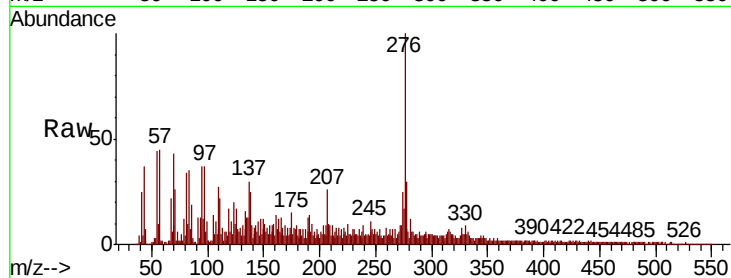
#92
 Benzo(a,h,i)perylene
 Concen: 2.447 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: BP000870.D
 Acq: 18 Oct 2019 05:54

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-101619

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.0	19.4	29.2#
138	25.5	18.5	27.7

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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

