

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
 Data File : BP003062.D
 Acq On : 20 Aug 2020 13:08
 Operator : CG/JU
 Sample : L3714-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WHITEHORSE-CONCRETE

Quant Time: Aug 20 14:52:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	264263	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1046213	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	585424	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1412017	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1606605	20.00	ng	-0.01
86) Perylene-d12	23.40	264	2029630	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	36142	2.09	ng	0.00
7) Phenol-d6	6.86	99	118067	4.93	ng	-0.01
23) Nitrobenzene-d5	8.82	82	921432	47.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	18385	2.53	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	2699579	63.00	ng	-0.01
79) Terphenyl-d14	19.65	244	3483874	43.41	ng	0.00

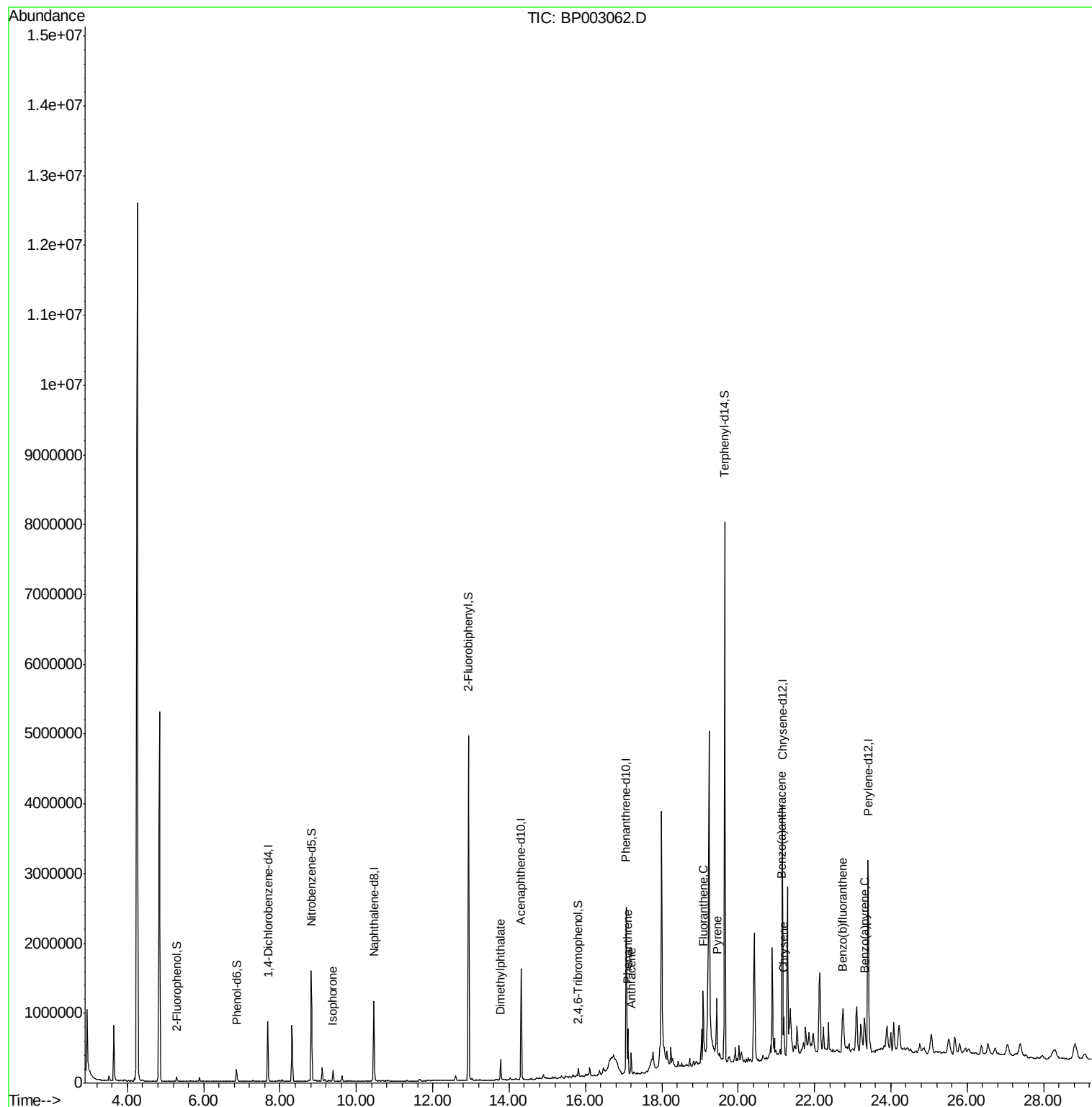
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	9.39	82	114299	2.754	ng	99
50) Dimethylphthalate	13.77	163	201335	4.397	ng	99
71) Phenanthrene	17.11	178	417658	5.044	ng	97
72) Anthracene	17.20	178	204540	2.527	ng	98
75) Fluoranthene	19.09	202	603150	6.322	ng	98
78) Pyrene	19.44	202	491869	4.379	ng	98
81) Benzo(a)anthracene	21.14	228	356013	3.253	ng	98
83) Chrysene	21.20	228	292114	2.830	ng	97
88) Benzo(b)fluoranthene	22.73	252	365168	2.550	ng	99
90) Benzo(a)pyrene	23.30	252	318103	2.458	ng	98

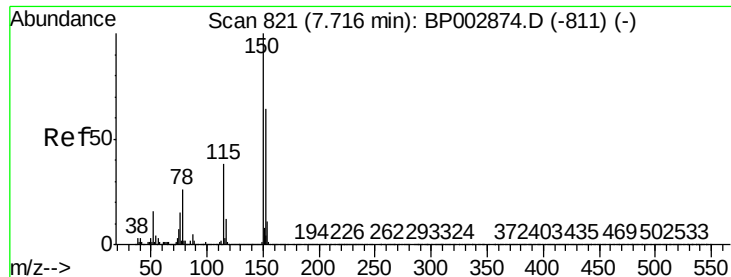
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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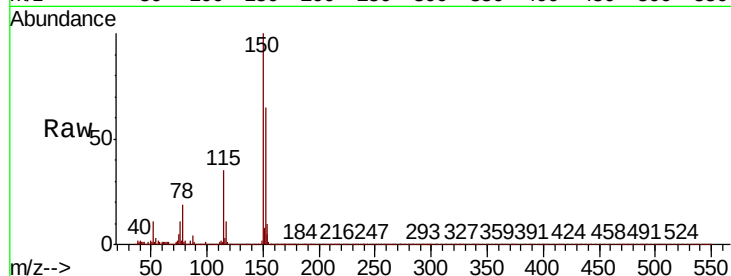


#1

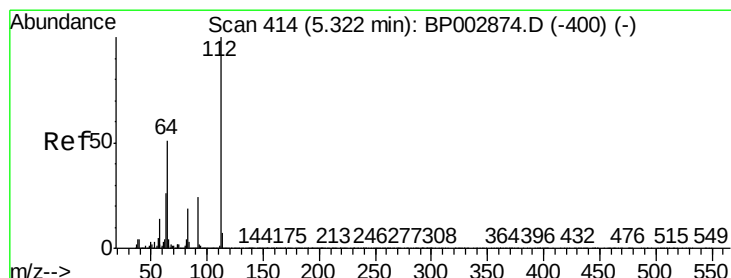
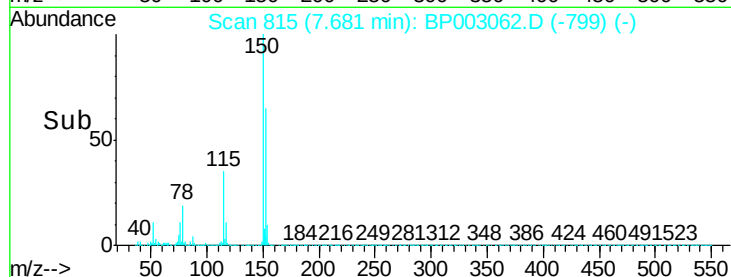
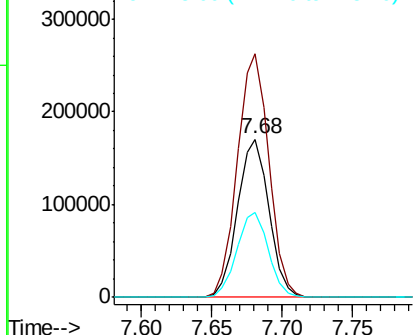
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

Instrument :
BNA_P
ClientSampleId :
WHITEHORSE-CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.1	189.1
115	53.8	43.4	65.2



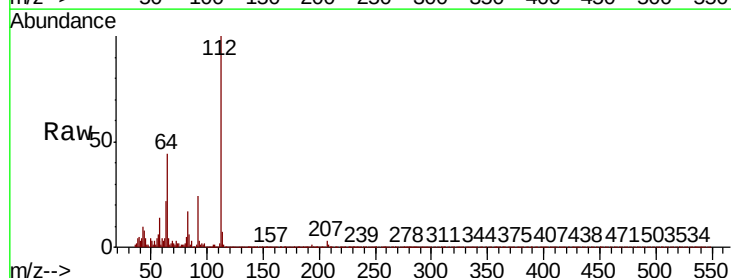
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



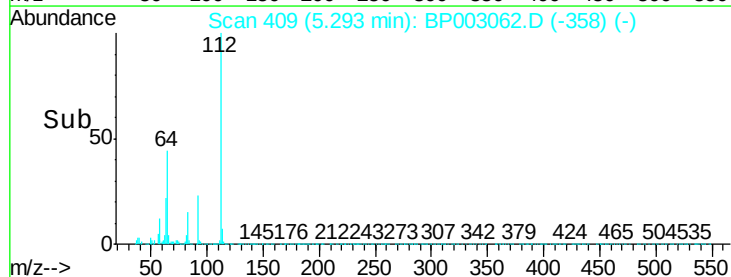
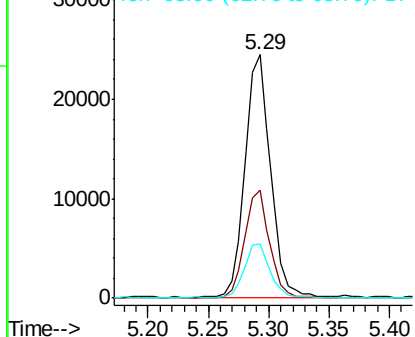
#5

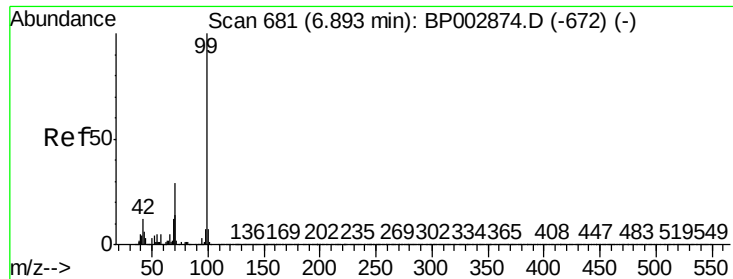
2-Fluorophenol
Concen: 2.093 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	33.4	50.2
63	22.1	17.4	26.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 4.925 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

Instrument :

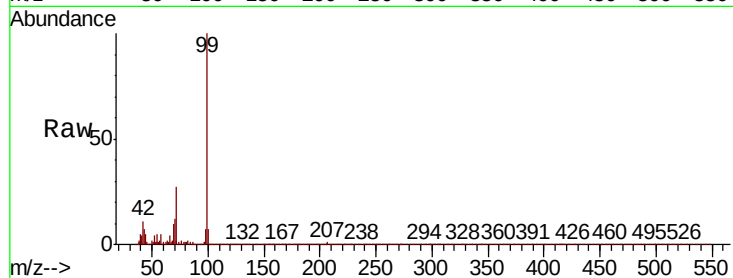
BNA_P

ClientSampleId :

WHITEHORSE-CONCRETE

Tot Ion: 99 Resp: 118067

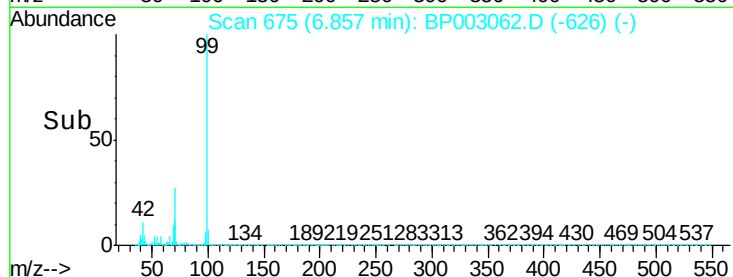
Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.0	12.0
71	27.4	21.3	31.9



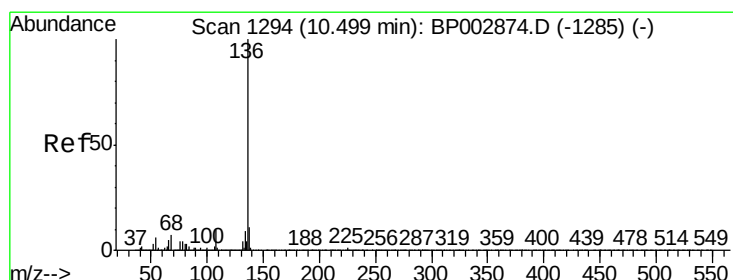
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

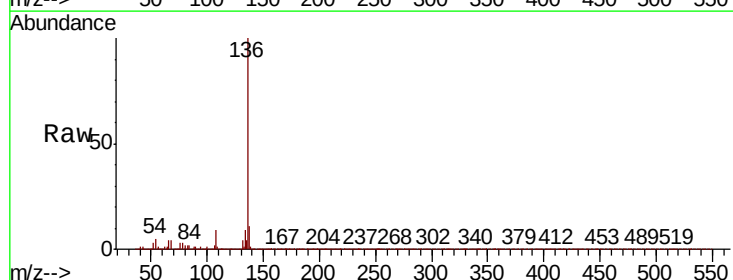
Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

Tgt Ion: 136 Resp: 1046213

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.6	3.8	5.8
68	4.4	3.8	5.8

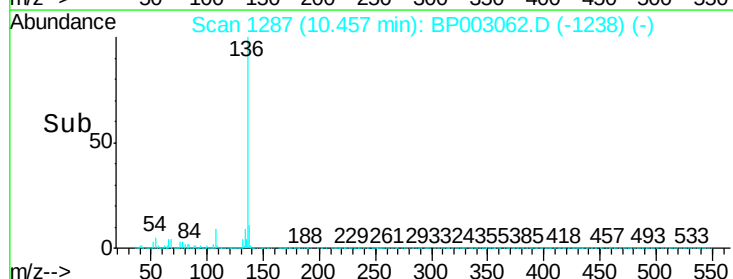


Abundance Ion 136.00 (135.70 to 136.70): E

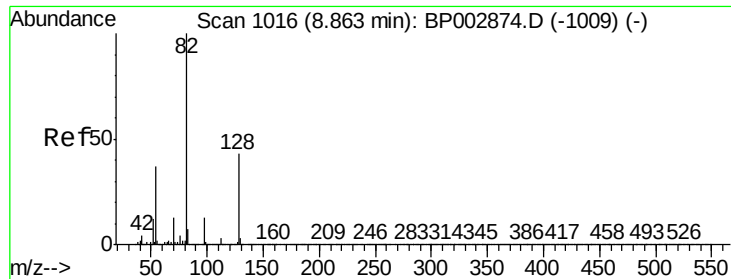
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



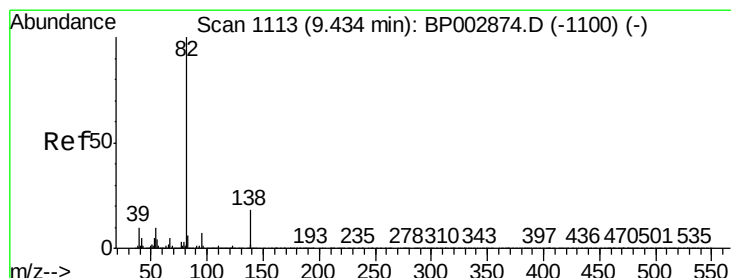
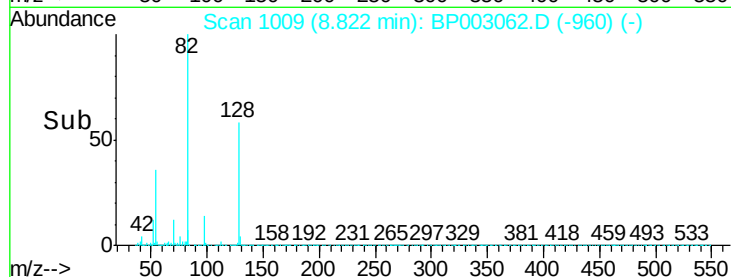
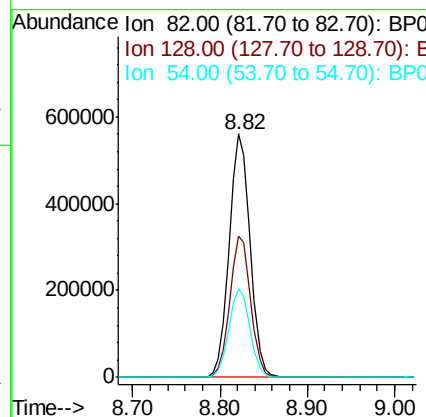
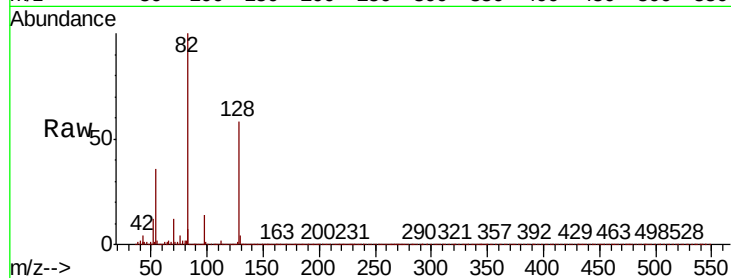
Time-->



#23
Nitrobenzene-d5
Concen: 47.702 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

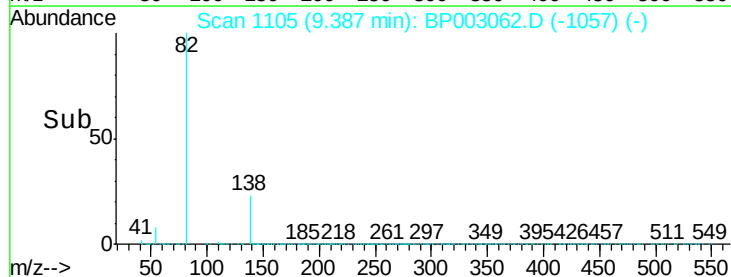
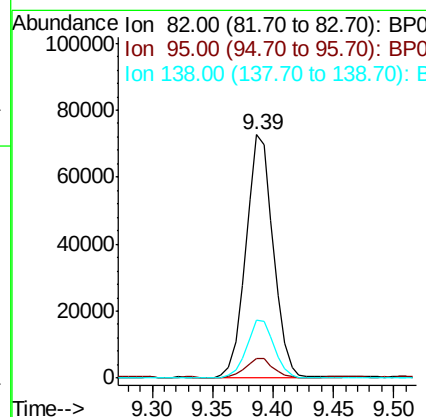
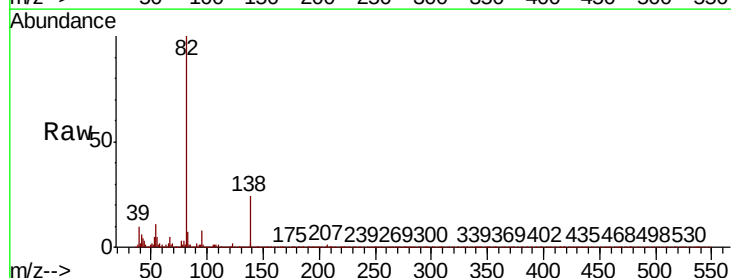
Instrument :
BNA_P
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WHITEHORSE-CONCRETE

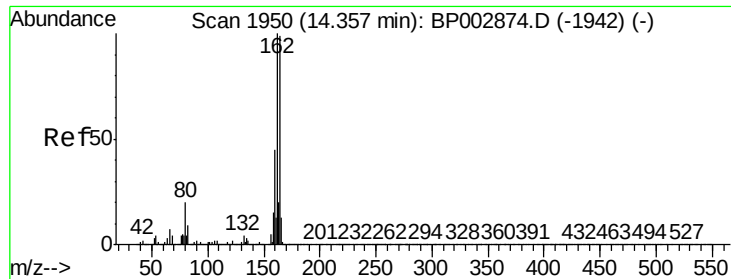
Tot Ion	82	Resp	921432
Ion Ratio	Lower	Upper	
82	100		
128	58.1	45.1	67.7
54	36.4	28.8	43.2



#25
Isophorone
Concen: 2.754 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

Tgt Ion	82	Resp	114299
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.1	9.1
138	23.8	18.8	28.2

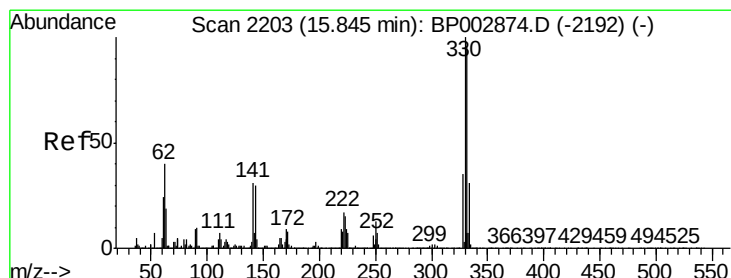
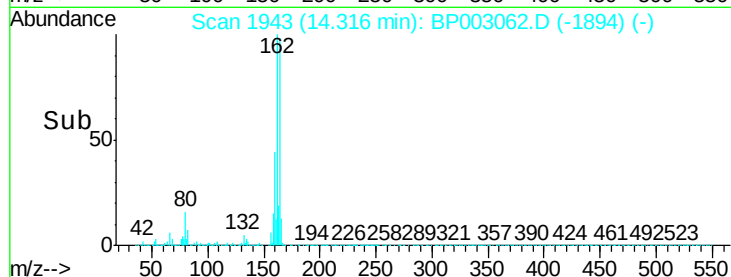
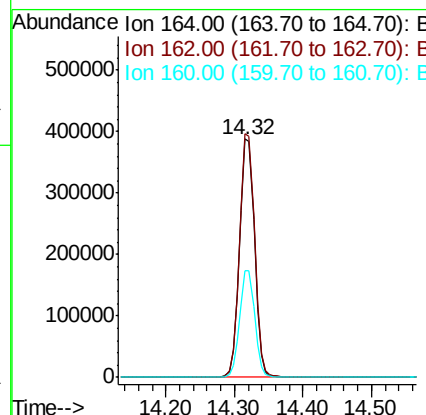
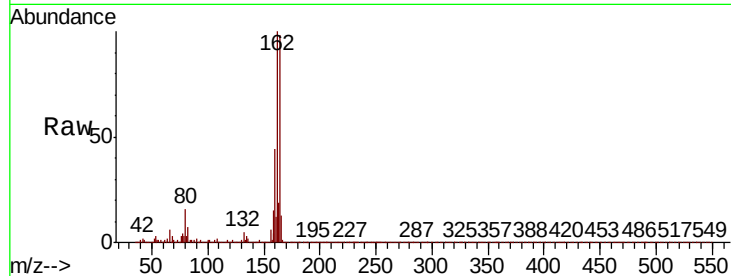




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

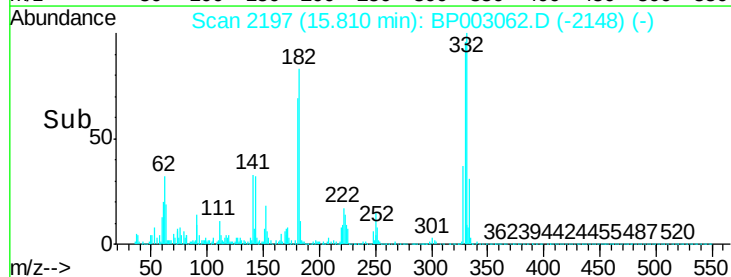
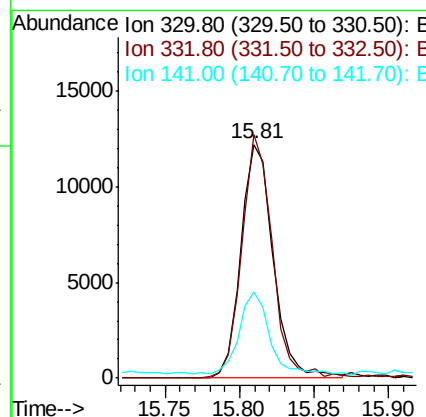
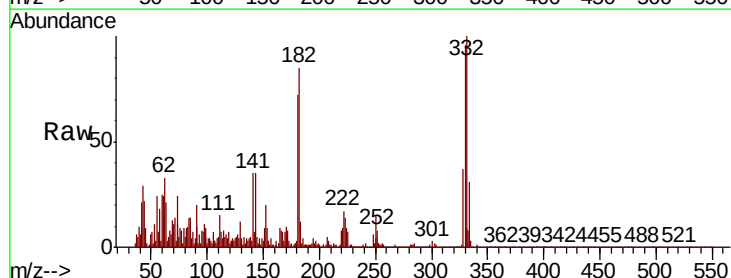
Instrument :
BNA_P
ClientSampleId :
WHITEHORSE-CONCRETE

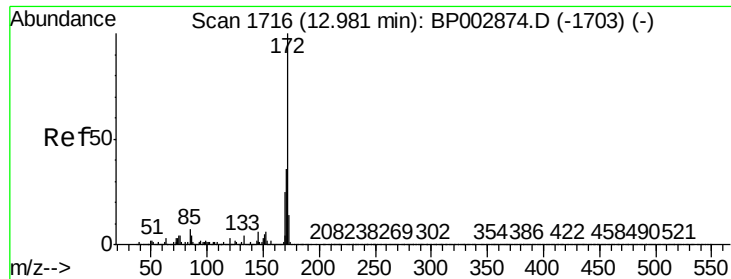
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	44.9	35.5	53.3



#42
2,4,6-Tribromophenol
Concen: 2.527 ng
RT: 15.81 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	33.9	26.7	40.1

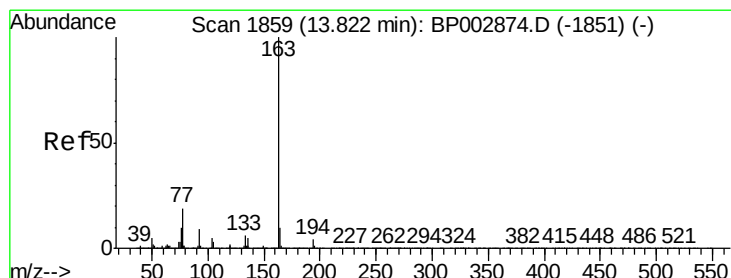
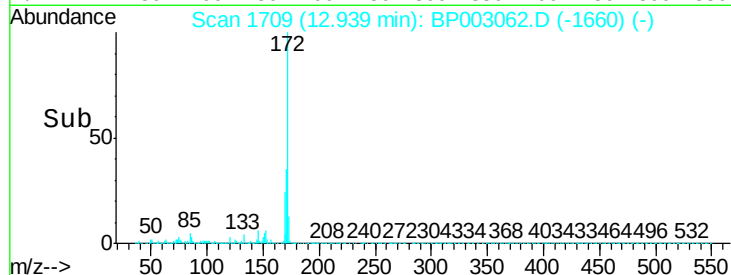
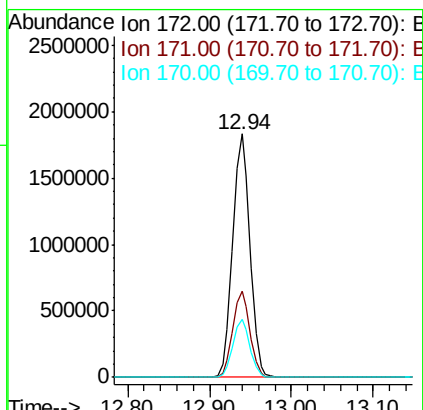
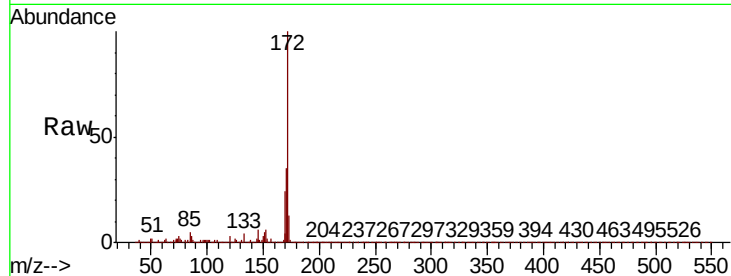




#45
2-Fluorobiphenyl
Concen: 63.004 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

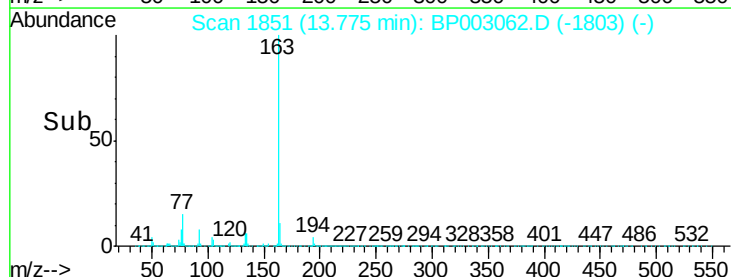
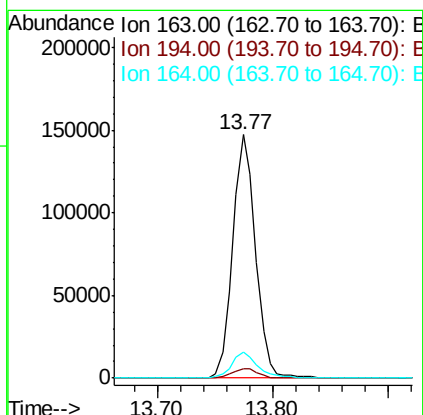
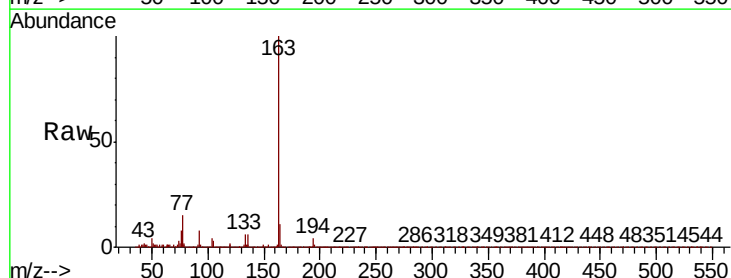
Instrument :
BNA_P
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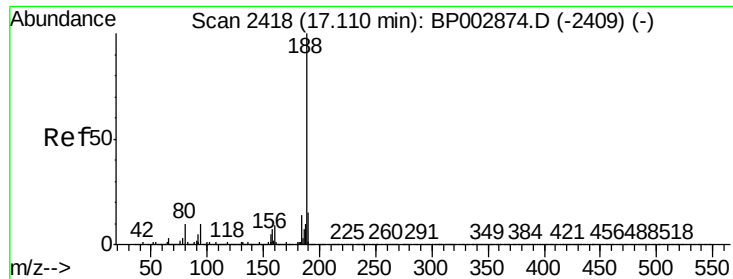
Tot Ion:172 Resp: 2699579
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 4.397 ng
RT: 13.77 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

Tgt Ion:163 Resp: 201335
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

Instrument :

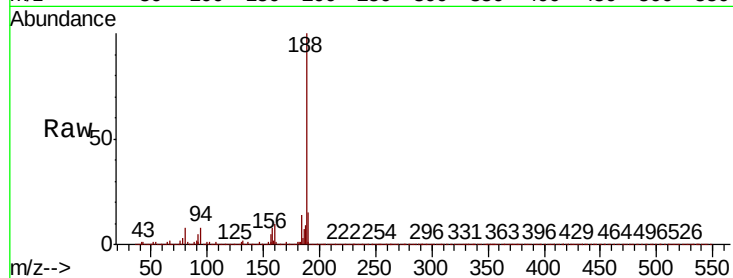
BNA_P

ClientSampleId :

WHITEHORSE-CONCRETE

Tot Ion:188 Resp: 1412017

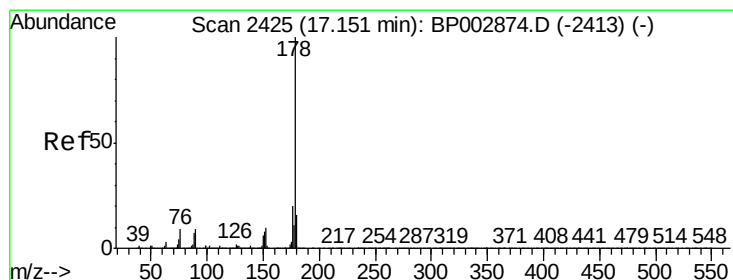
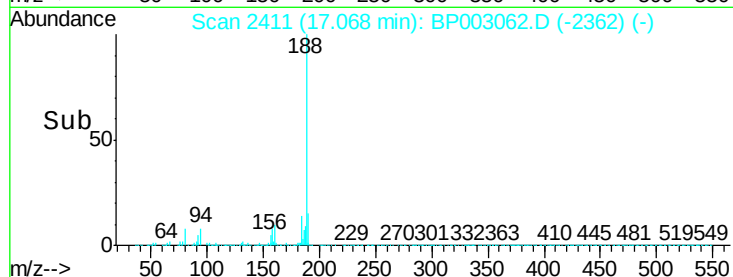
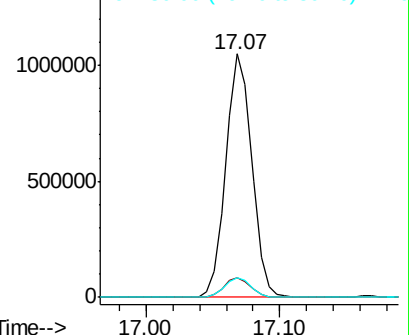
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.2	6.7	10.1



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: 5.044 ng

RT: 17.11 min Scan# 2418

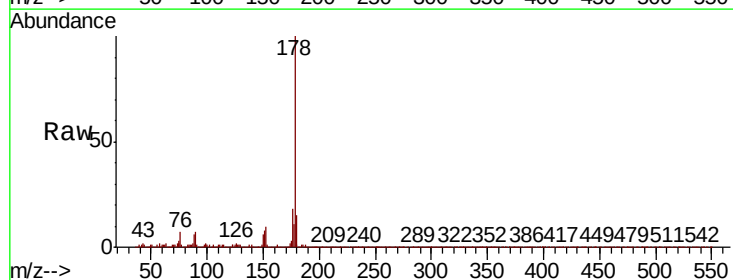
Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

Tgt Ion:178 Resp: 417658

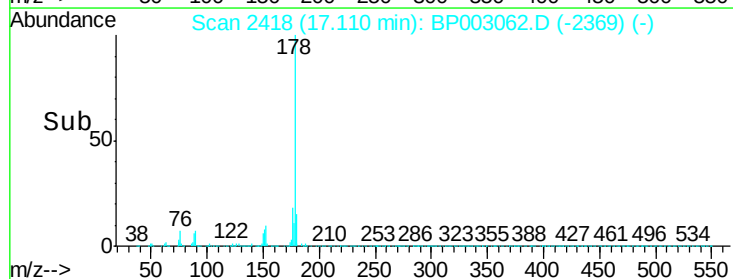
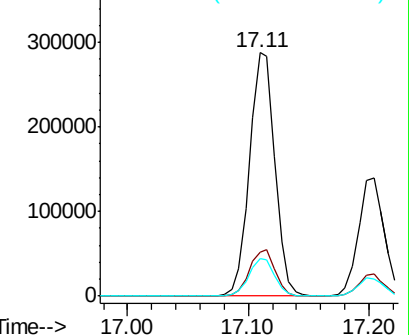
Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.4	12.9	19.3

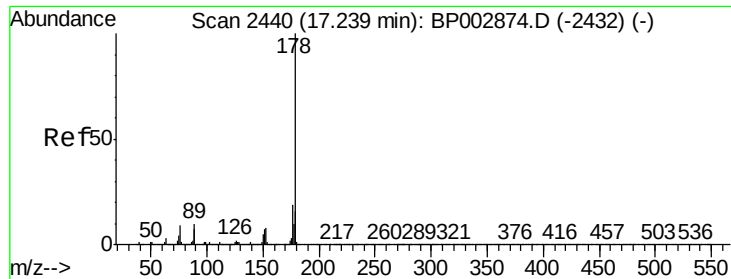


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.527 ng

RT: 17.20 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

Instrument :

BNA_P

ClientSampleId :

WHITEHORSE-CONCRETE

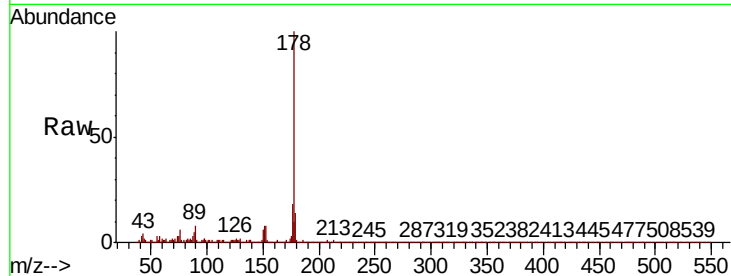
Tot Ion:178 Resp: 204540

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

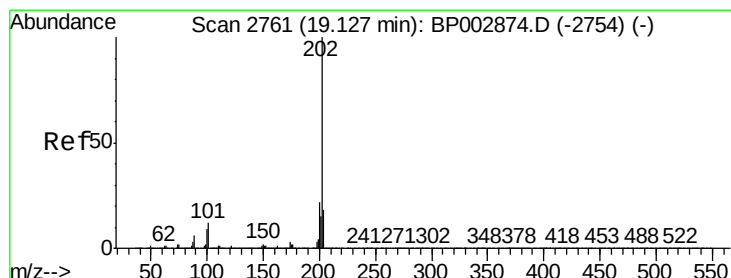
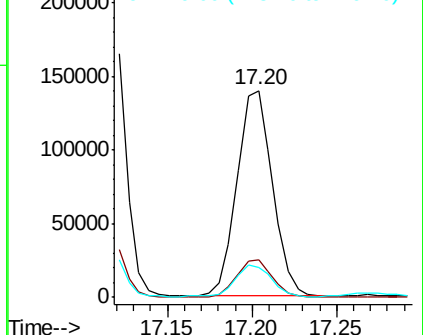
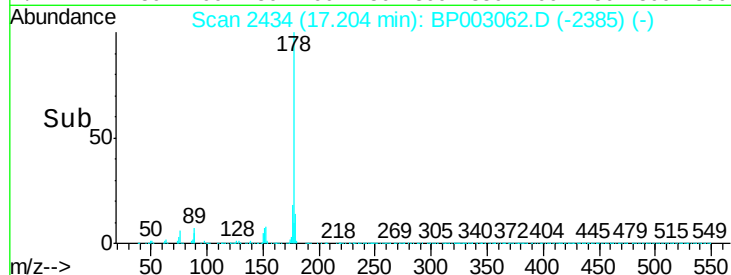
179 14.4 12.7 19.1



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: 6.322 ng

RT: 19.09 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

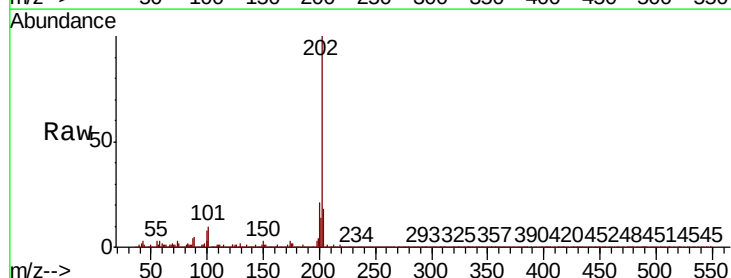
Tgt Ion:202 Resp: 603150

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.2

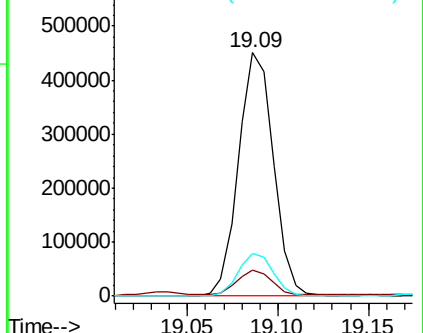
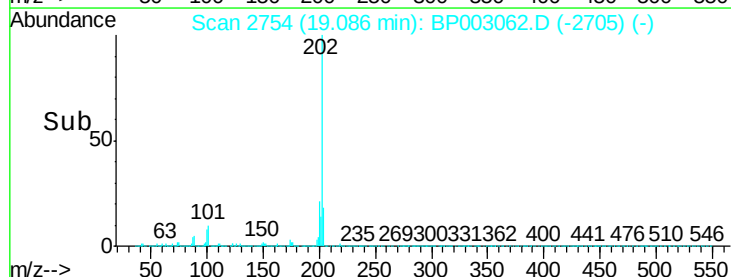
203 17.8 0.0 38.4

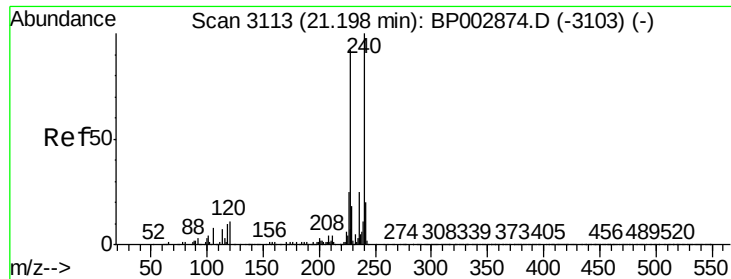


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

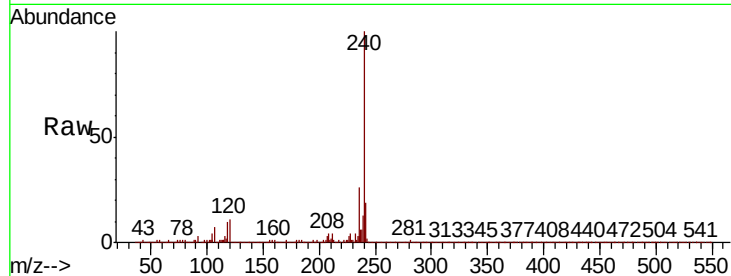




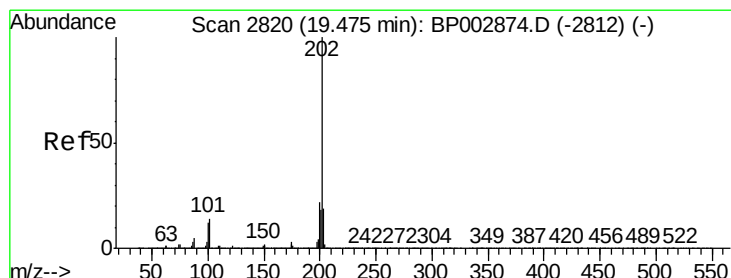
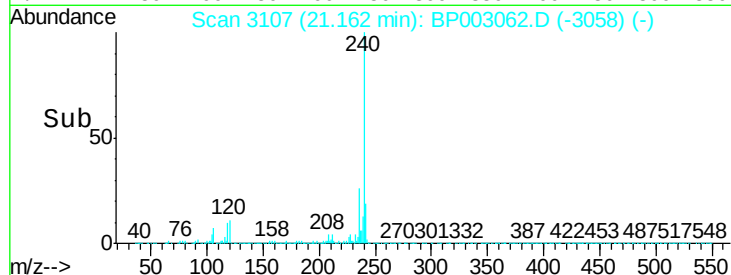
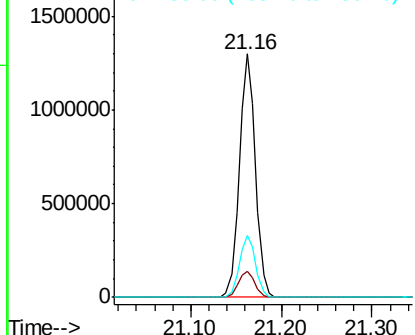
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

Instrument :
BNA_P
ClientSampleId :
WHITEHORSE-CONCRETE

Tot Ion:240 Resp: 1606605
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.5 20.8 31.2

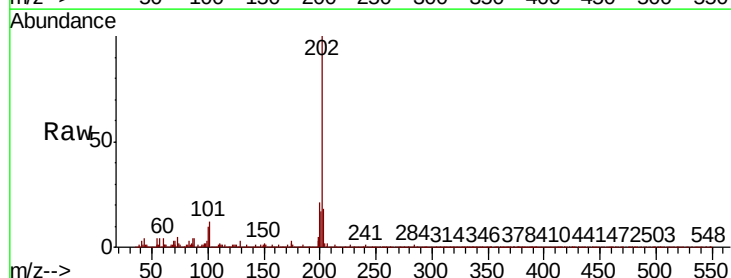


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

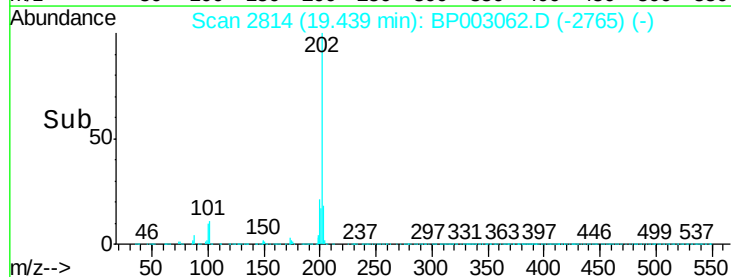
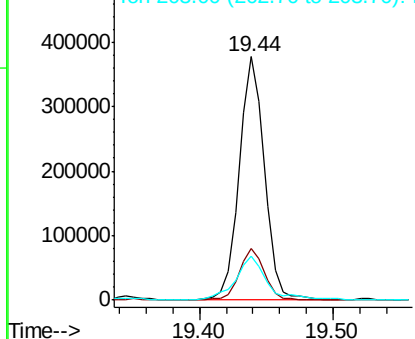


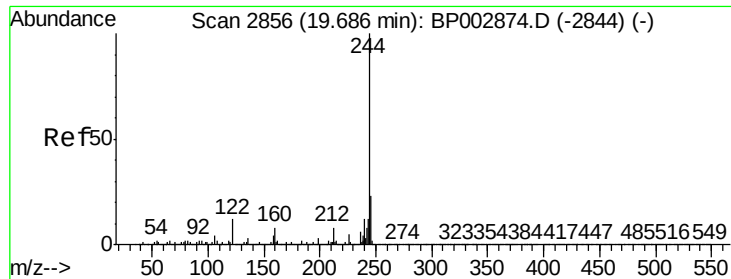
#78
Pyrene
Concen: 4.379 ng
RT: 19.44 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

Tgt Ion:202 Resp: 491869
Ion Ratio Lower Upper
202 100
200 21.2 17.8 26.6
203 17.8 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 43.412 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

Instrument :

BNA_P

ClientSampleId :

WHITEHORSE-CONCRETE

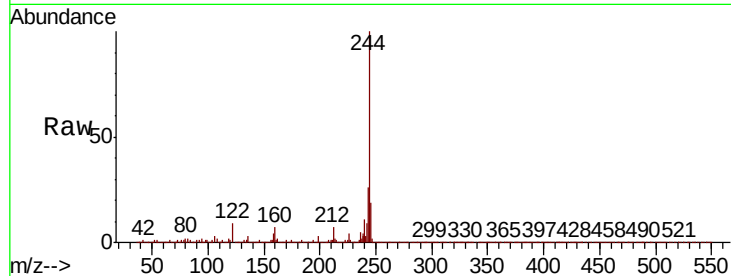
Tot Ion:244 Resp: 3483874

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

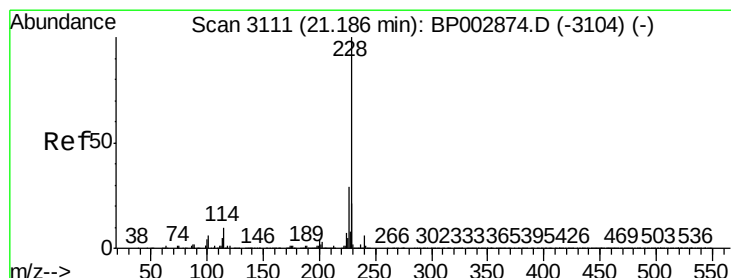
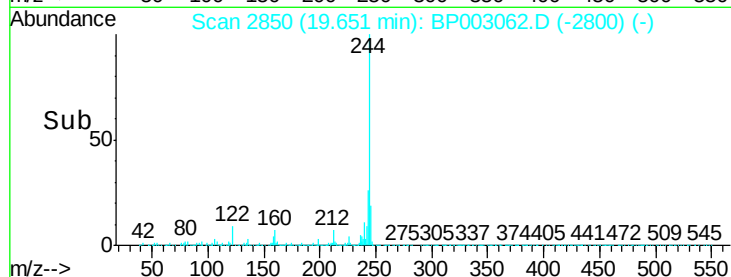
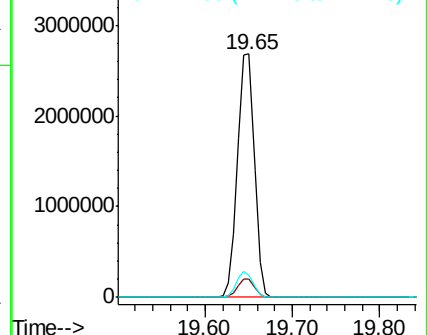
122 9.3 8.7 13.1



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: 3.253 ng

RT: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

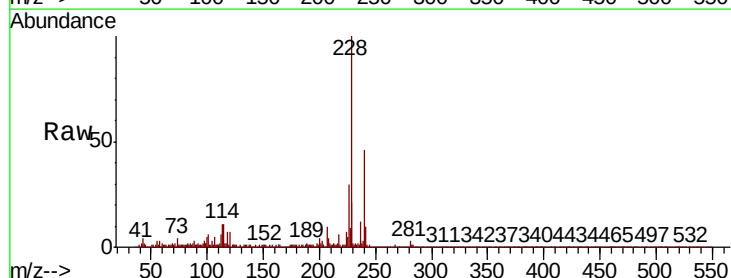
Tgt Ion:228 Resp: 356013

Ion Ratio Lower Upper

228 100

226 29.6 22.6 33.8

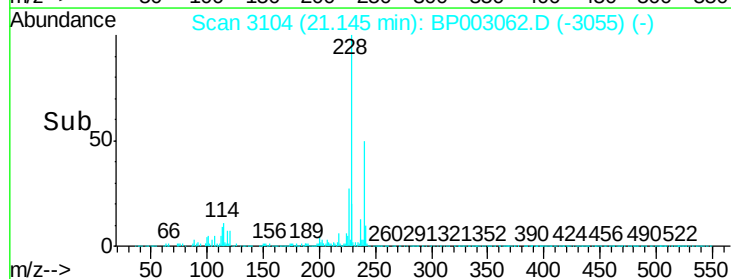
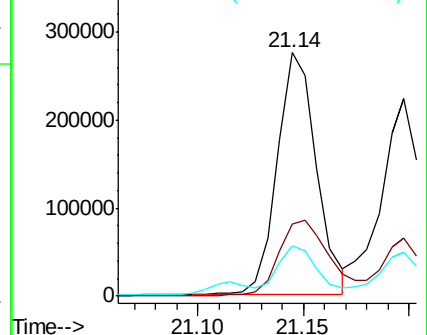
229 20.5 16.5 24.7

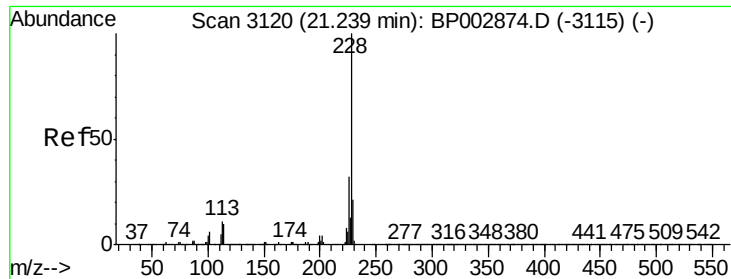


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

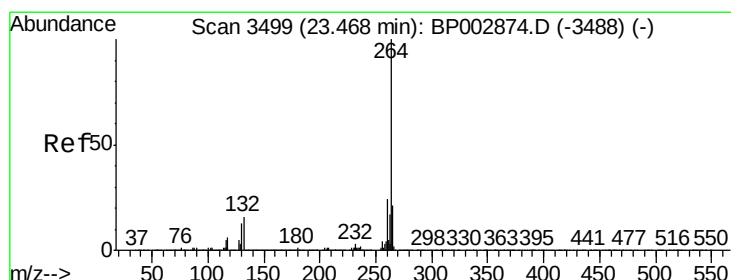
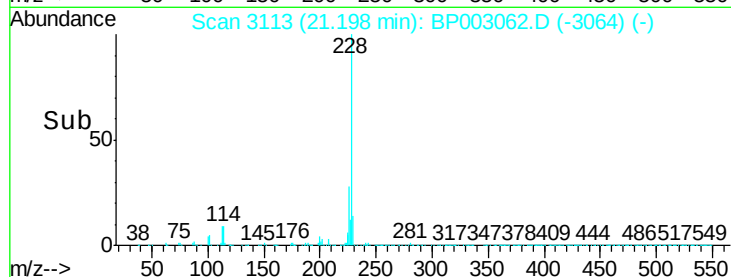
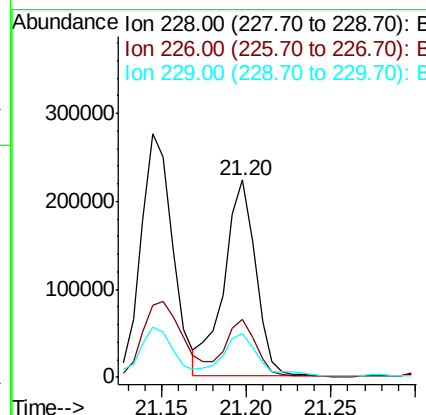
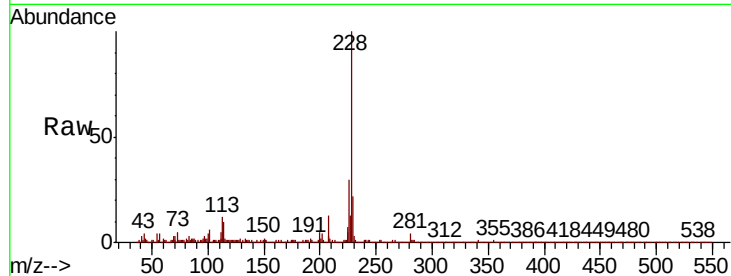




#83
Chrysene
Concen: 2.830 ng
RT: 21.20 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

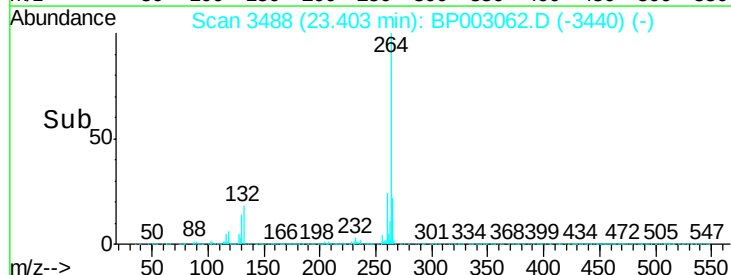
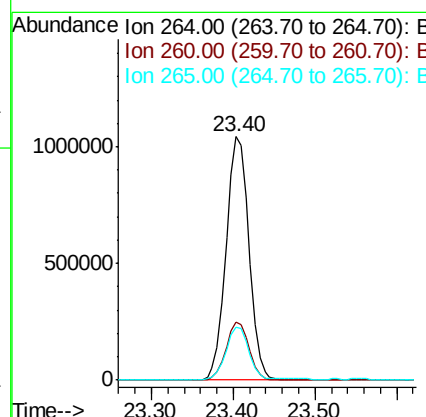
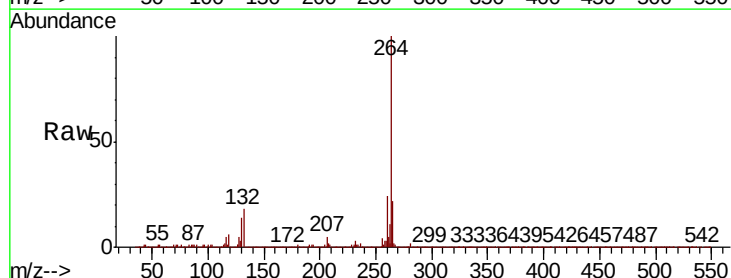
Instrument :
BNA_P
ClientSampleId :
WHITEHORSE-CONCRETE

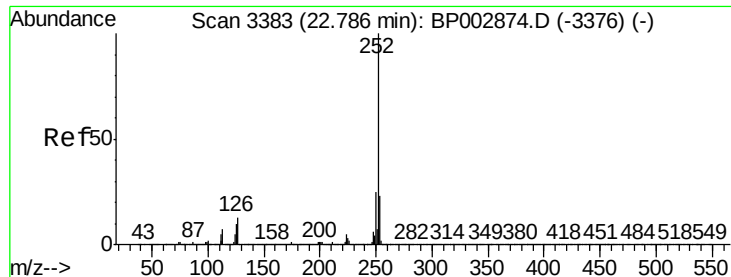
Tot	Ion:228	Resp:	292114
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.2	16.3	24.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3488
Delta R.T. -0.02 min
Lab File: BP003062.D
Acq: 20 Aug 2020 13:08

Tgt Ion	264	Resp: Lower	2029630 Upper
	Ratio		
264	100		
260	23.8	19.2	28.8
265	21.9	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 2.550 ng

RT: 22.73 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

Instrument :

BNA_P

ClientSampleId :

WHITEHORSE-CONCRETE

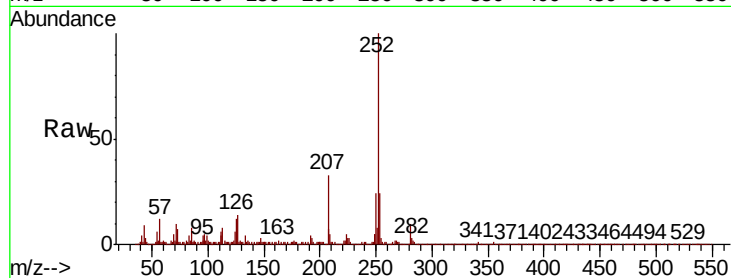
Tot Ion:252 Resp: 365168

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

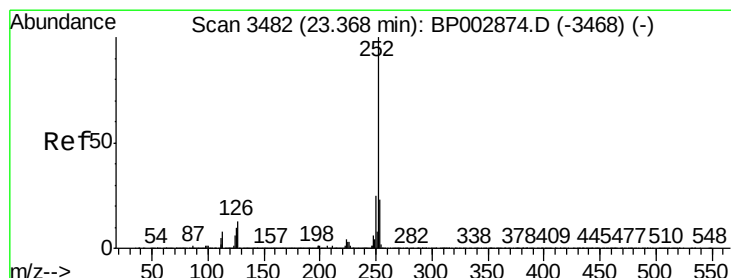
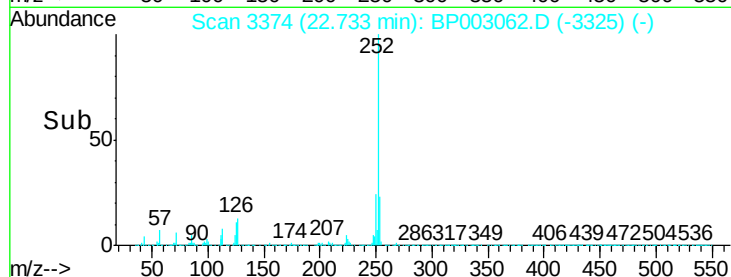
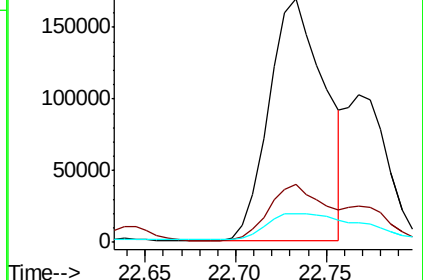
125 11.7 9.4 14.2



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



#90

Benzo(a)pyrene

Concen: 2.458 ng

RT: 23.30 min Scan# 3471

Delta R.T. -0.02 min

Lab File: BP003062.D

Acq: 20 Aug 2020 13:08

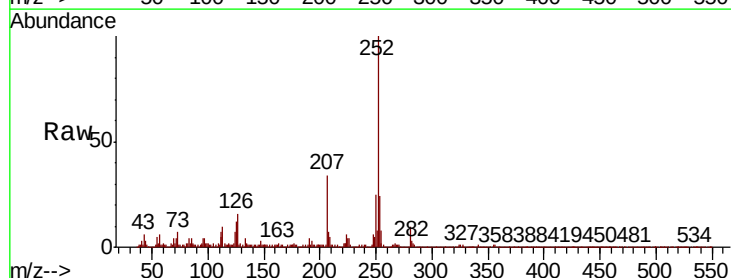
Tgt Ion:252 Resp: 318103

Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

125 12.4 9.9 14.9



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

