

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002926.D
 Acq On : 06 Aug 2020 18:40
 Operator : CG/JU
 Sample : L3548-07RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-004RE

Quant Time: Aug 06 19:21:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

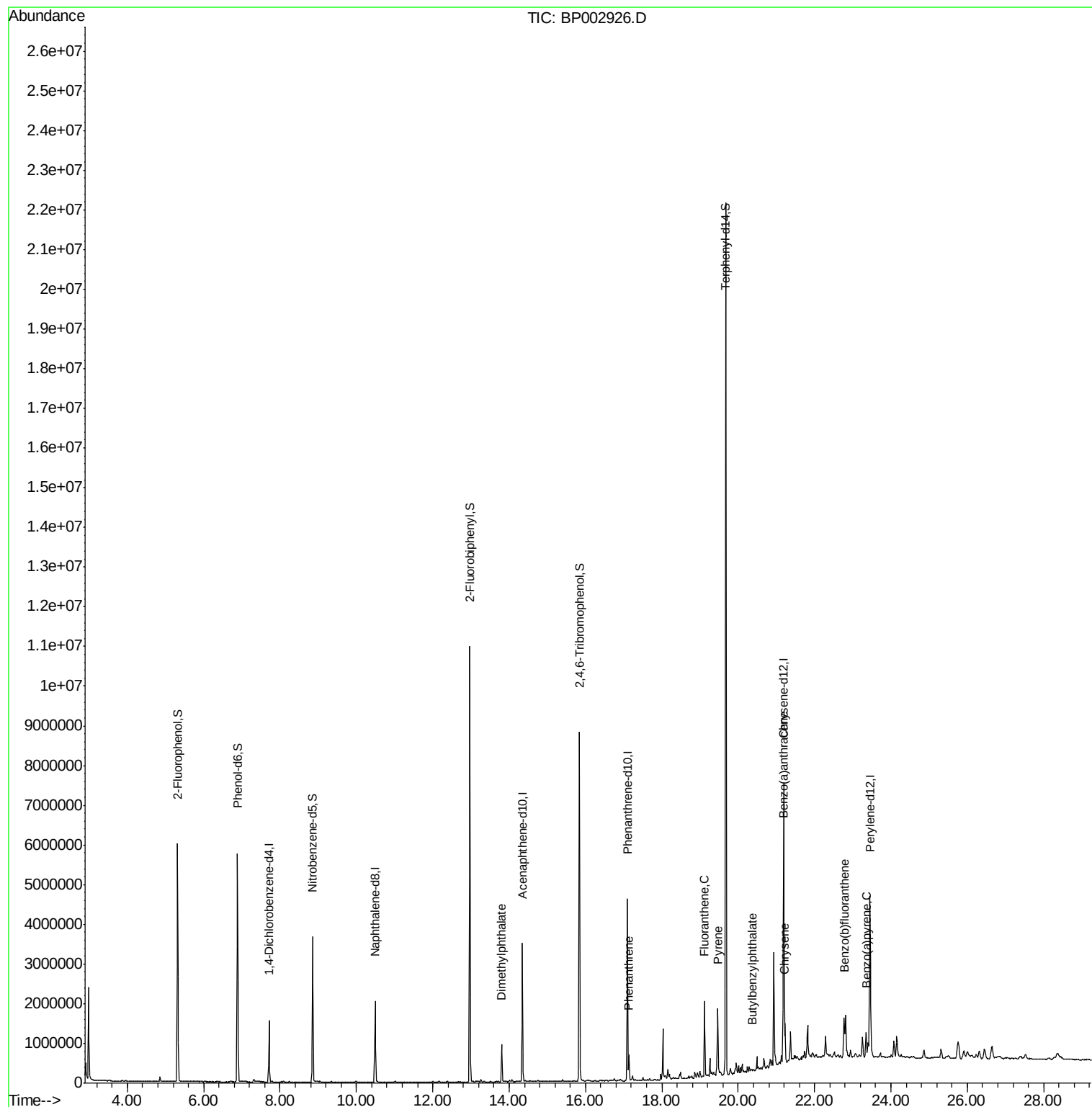
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	452404	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1834011	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1201463	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2731669	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	3161832	20.00	ng	-0.01
86) Perylene-d12	23.45	264	2846653	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2963591	100.26	ng	0.00
7) Phenol-d6	6.89	99	3861951	94.10	ng	0.00
23) Nitrobenzene-d5	8.85	82	2259823	66.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	1886661	126.34	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5953358	67.70	ng	-0.01
79) Terphenyl-d14	19.67	244	9336654	59.12	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.80	163	632347	6.729	ng	100
71) Phenanthrene	17.14	178	403285	2.518	ng	98
75) Fluoranthene	19.12	202	1120014	6.069	ng	98
78) Pyrene	19.46	202	1047263	4.738	ng	97
80) Butylbenzylphthalate	20.36	149	8833	3.150	ng	# 94
81) Benzo(a)anthracene	21.17	228	570624	2.650	ng	100
83) Chrysene	21.22	228	651234	3.206	ng	98
88) Benzo(b)fluoranthene	22.77	252	872492	4.343	ng	99
90) Benzo(a)pyrene	23.35	252	486225	2.679	ng	100

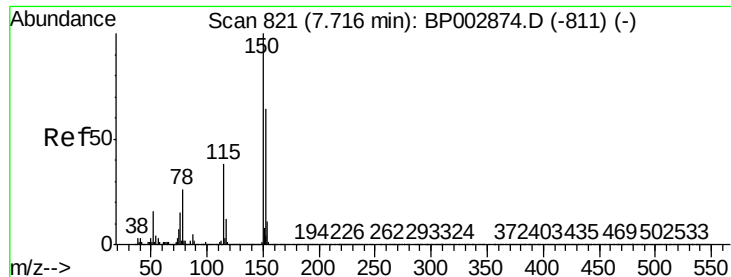
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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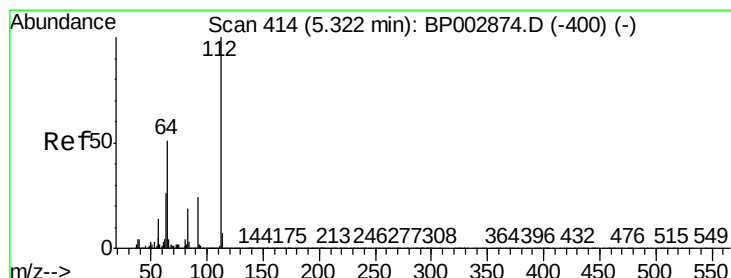
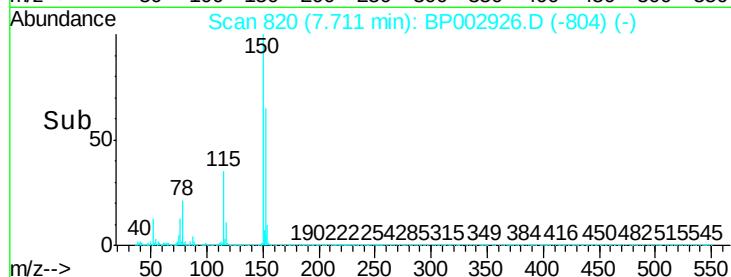
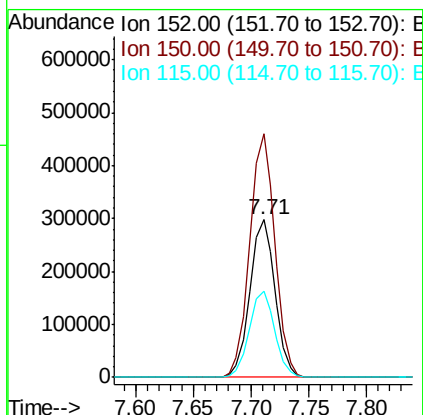
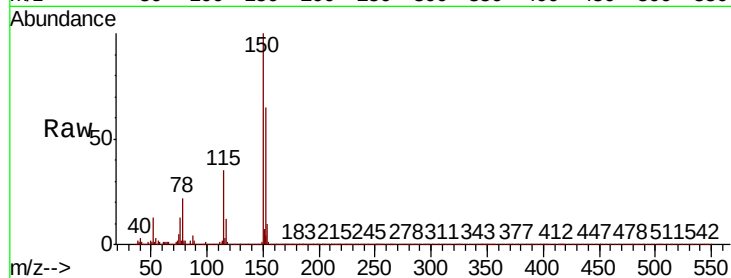


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Instrument :
BNA_P
ClientSampleId :
CRT-004RE

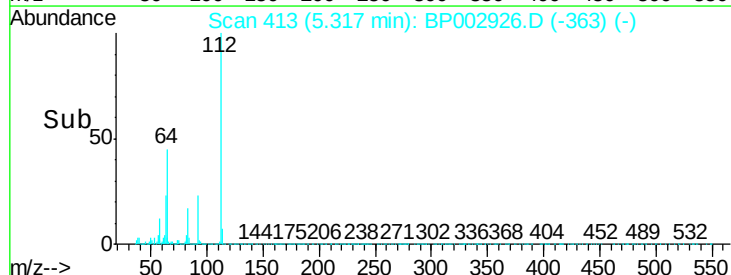
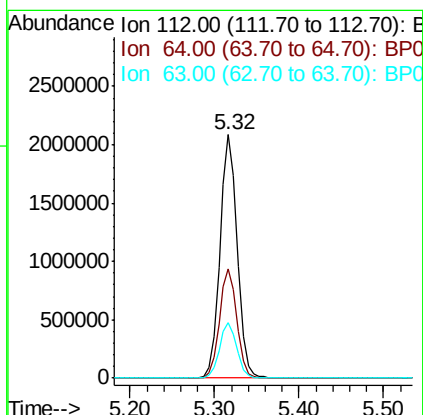
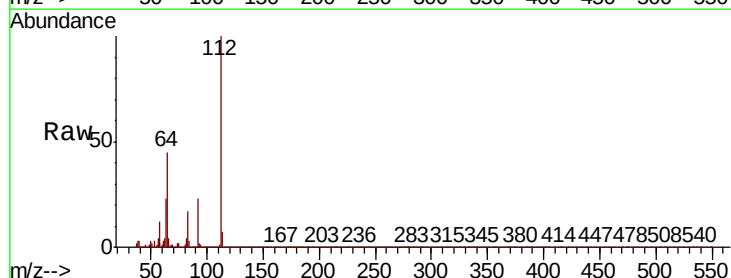
Tot Ion	152	Resp	452404
Ion Ratio	100	Lower	Upper
150	154.7	124.8	187.2
115	54.9	47.4	71.2

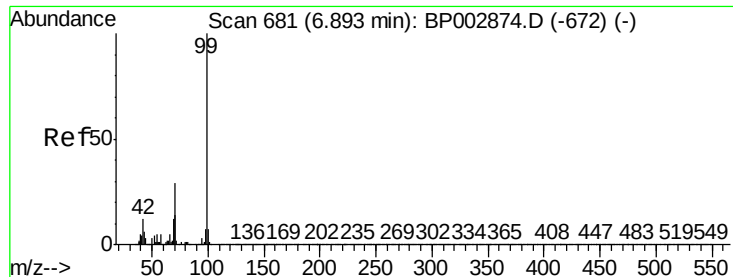


#5

2-Fluorophenol
Concen: 100.259 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion	112	Resp	2963591
Ion Ratio	100	Lower	Upper
64	44.9	41.0	61.6
63	22.6	20.7	31.1





#7

Phenol-d6

Concen: 94.104 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

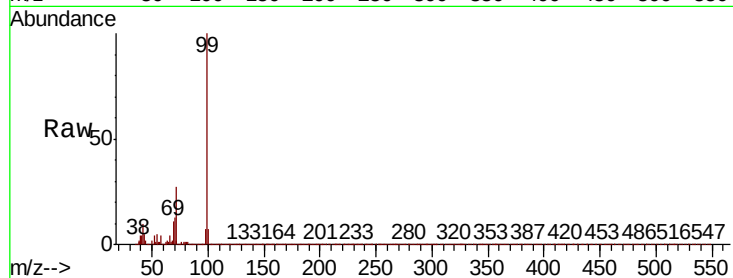
Tot Ion: 99 Resp: 3861951

Ion	Ratio	Lower	Upper
99	100		
42	10.4	9.3	13.9
71	27.3	23.5	35.3

99 100

42 10.4 9.3 13.9

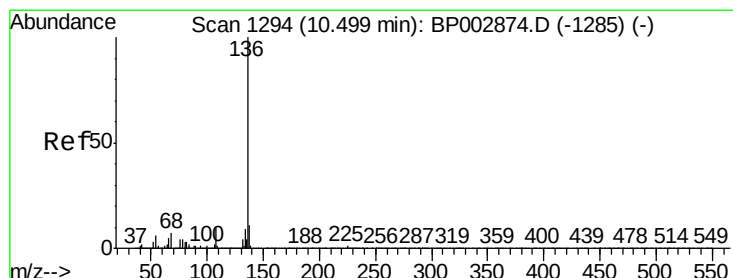
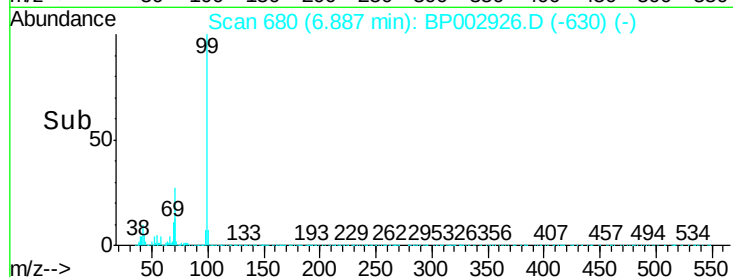
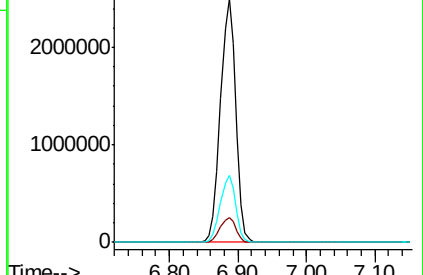
71 27.3 23.5 35.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Tgt Ion: 136 Resp: 1834011

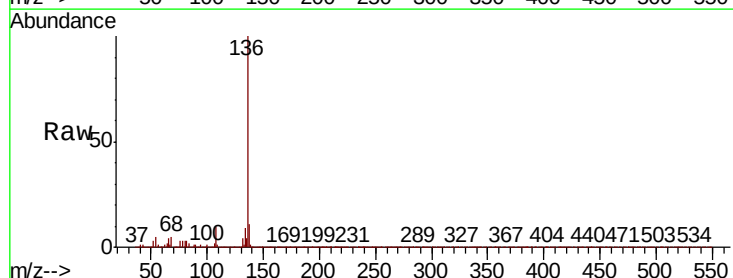
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.3	5.1	7.7
68	5.3	5.3	7.9

136 100

137 10.9 8.6 13.0

54 5.3 5.1 7.7

68 5.3 5.3 7.9

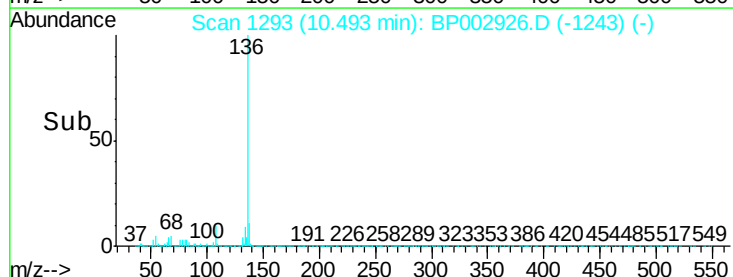
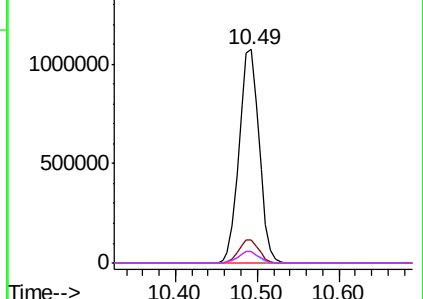


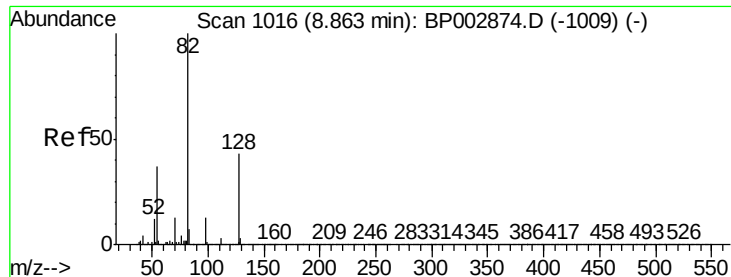
Abundance Ion 136.00 (135.70 to 136.70): E

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

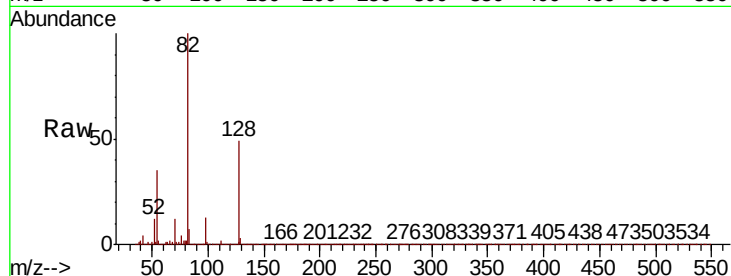




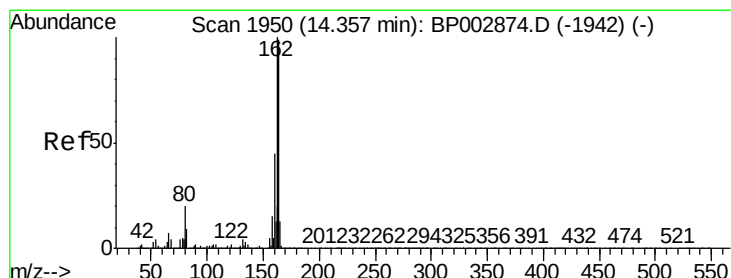
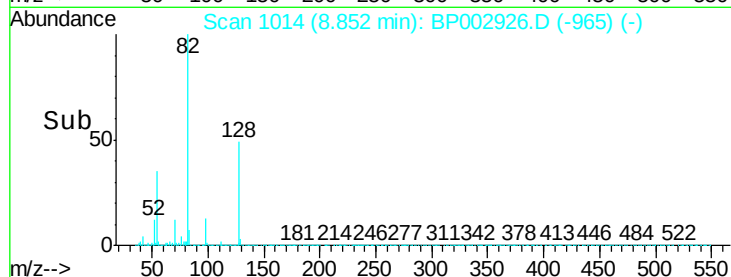
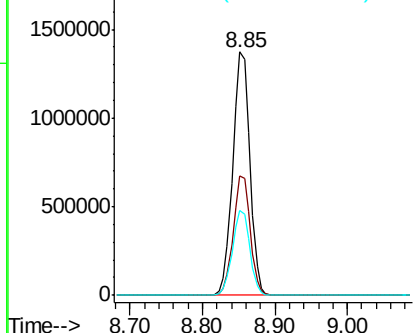
#23
Nitrobenzene-d5
Concen: 66.738 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Instrument :
BNA_P
ClientSampleId :
CRT-004RE

Tot Ion: 82 Resp: 2259823
Ion Ratio Lower Upper
82 100
128 48.9 34.6 52.0
54 35.1 29.5 44.3

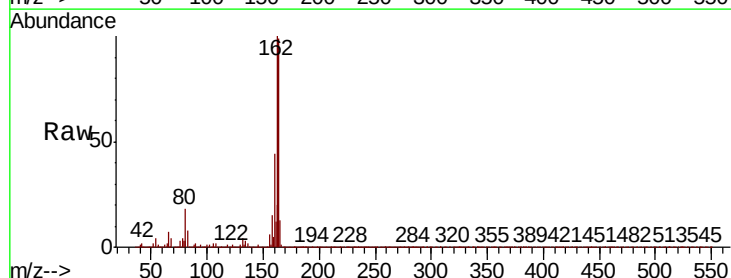


Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

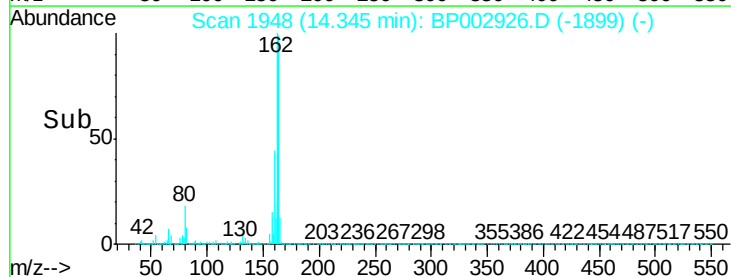
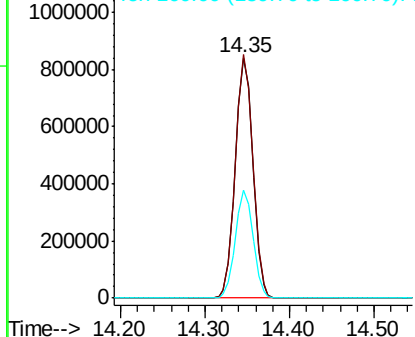


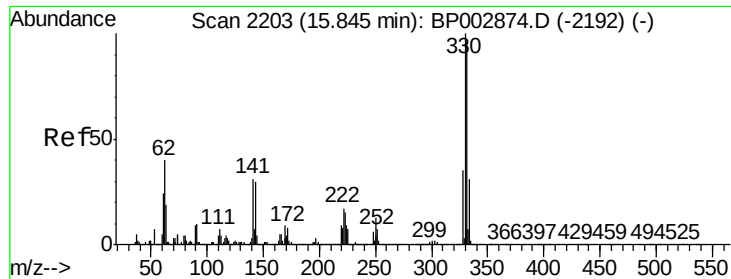
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:164 Resp: 1201463
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.6
160 45.1 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

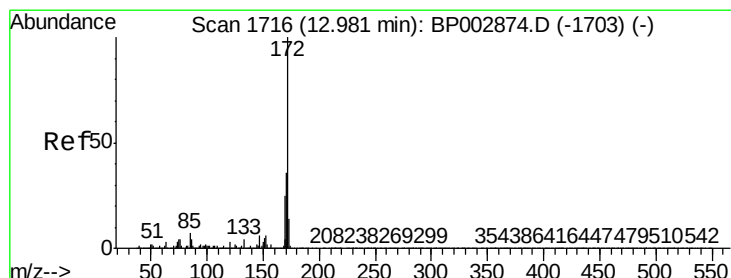
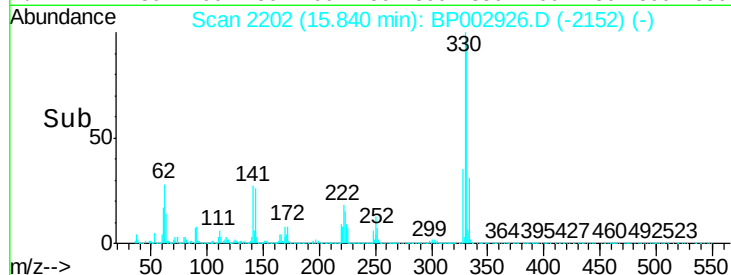
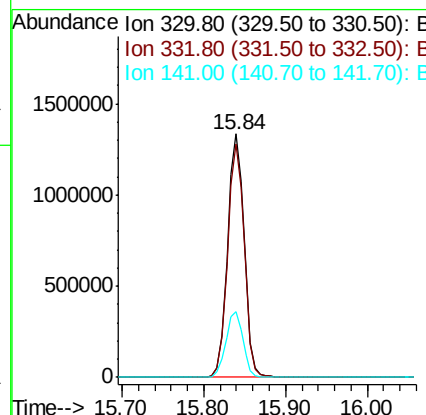
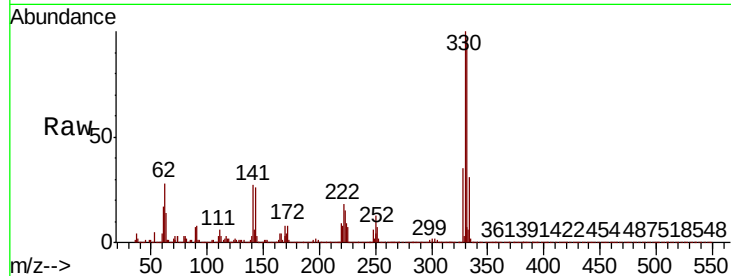




#42
 2,4,6-Tribromophenol
 Concen: 126.343 ng
 RT: 15.84 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BP002926.D
 Acq: 06 Aug 2020 18:40

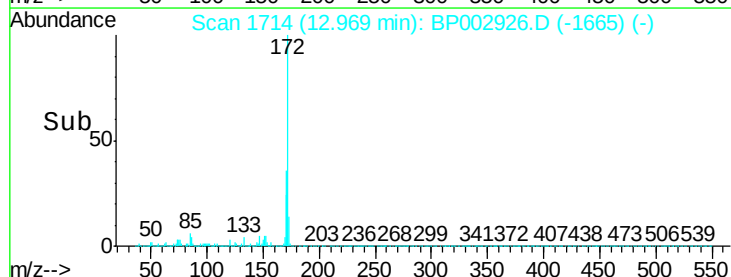
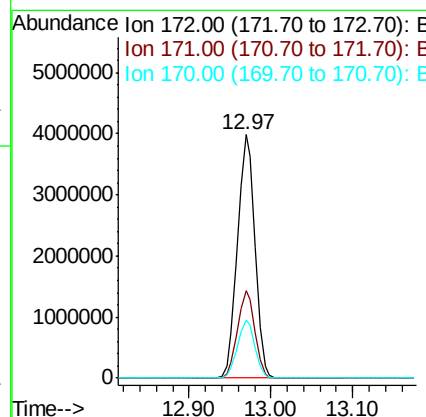
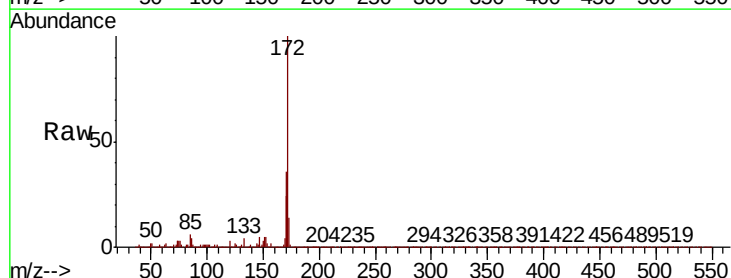
Instrument :
 BNA_P
 ClientSampleId :
 CRT-004RE

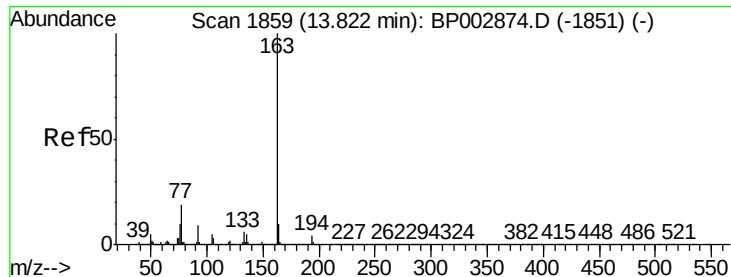
Tot Ion:330 Resp: 1886661
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 28.2 24.6 37.0



#45
 2-Fluorobiphenyl
 Concen: 67.701 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BP002926.D
 Acq: 06 Aug 2020 18:40

Tgt Ion:172 Resp: 5953358
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.1 43.7
 170 24.0 19.6 29.4





#50

Dimethylphthalate

Concen: 6.729 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

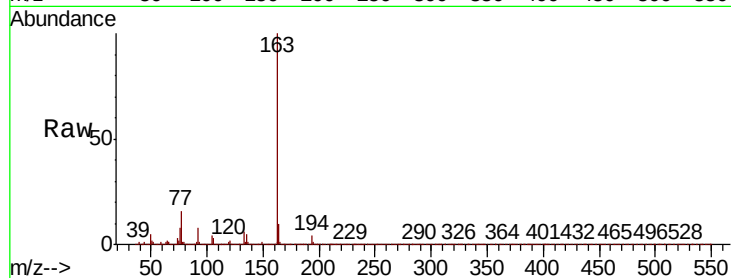
Tot Ion:163 Resp: 632347

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

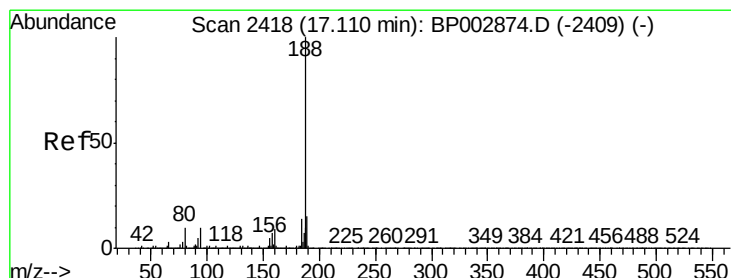
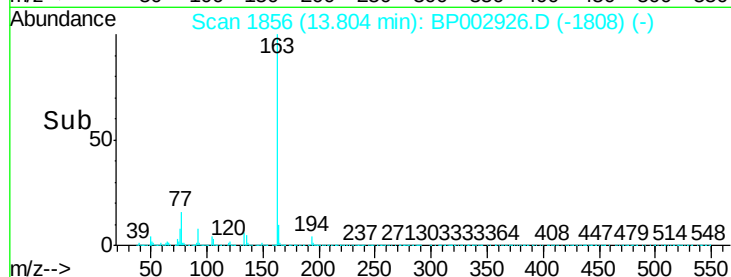
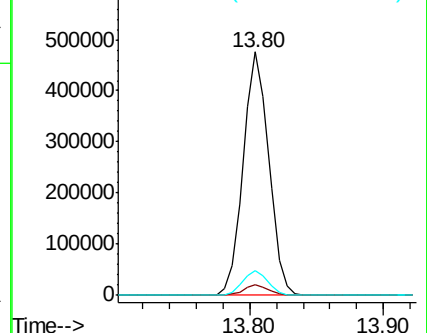
164 10.2 8.2 12.2



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: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

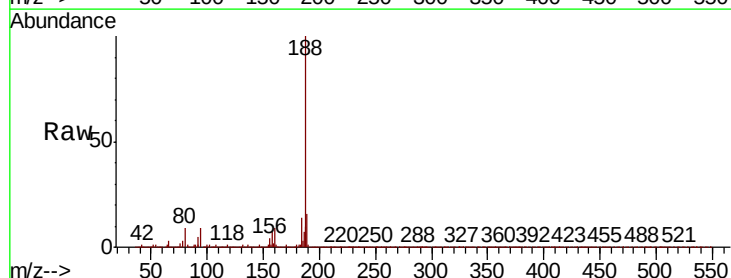
Tgt Ion:188 Resp: 2731669

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

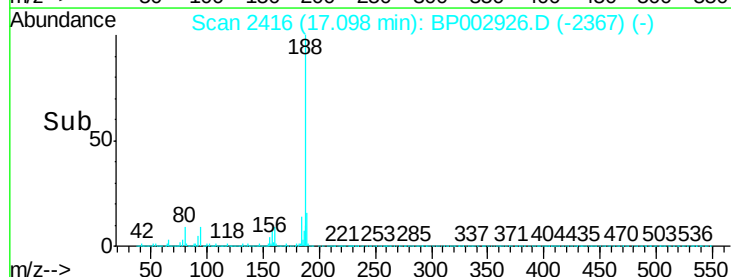
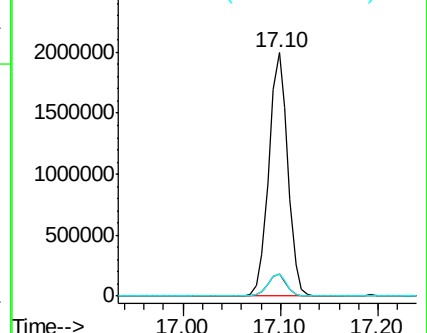
80 8.9 8.0 12.0

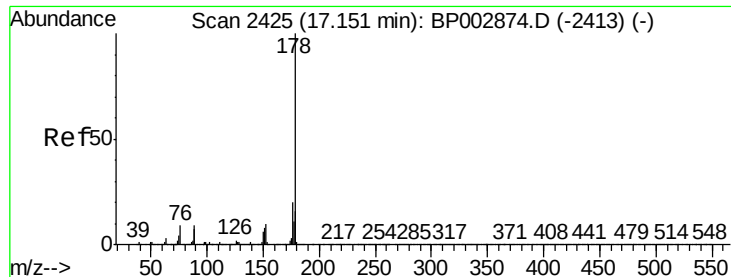


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#71

Phenanthrene

Concen: 2.518 ng

RT: 17.14 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

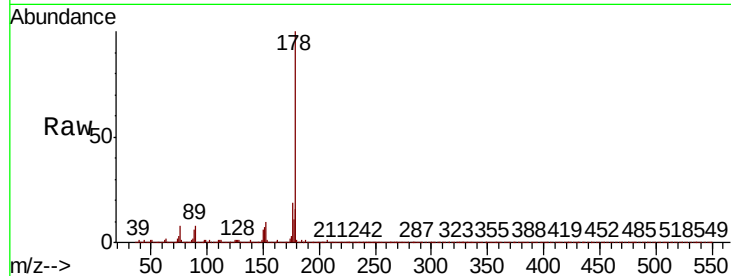
Tot Ion:178 Resp: 403285

Ion Ratio Lower Upper

178 100

176 18.7 16.1 24.1

179 15.7 13.0 19.4

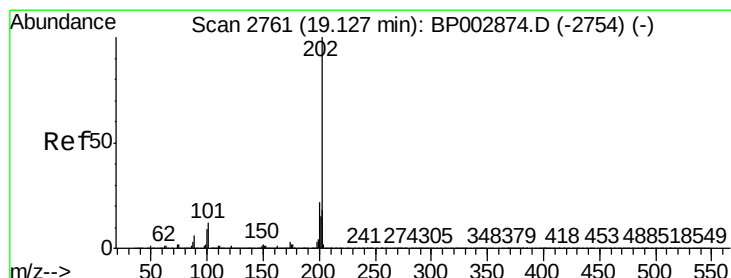
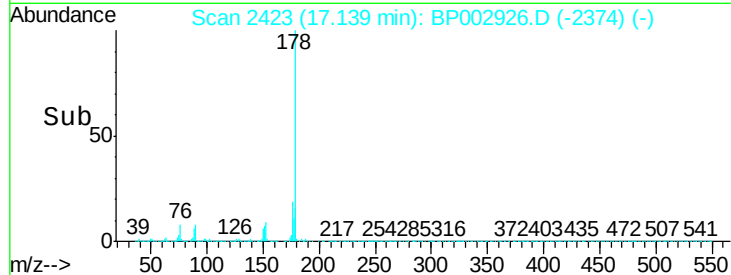
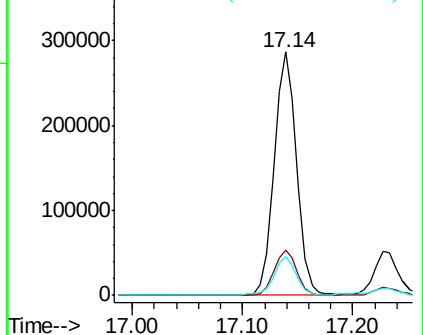


Abundance

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: 6.069 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

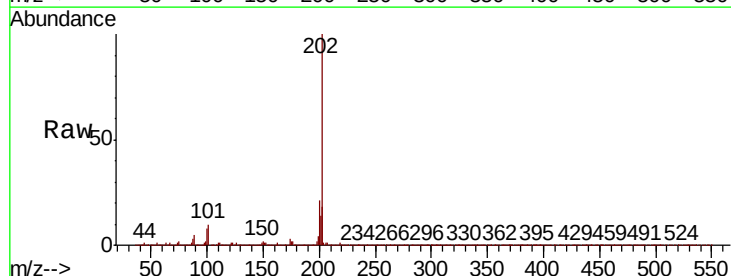
Tgt Ion:202 Resp: 1120014

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.6

203 17.6 0.0 38.4

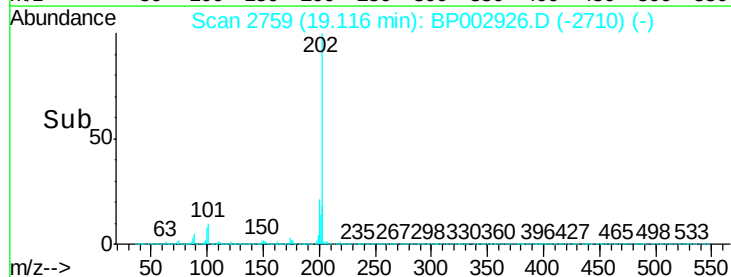
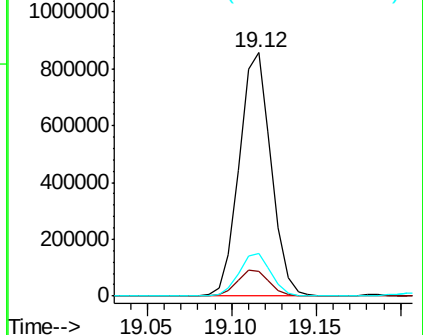


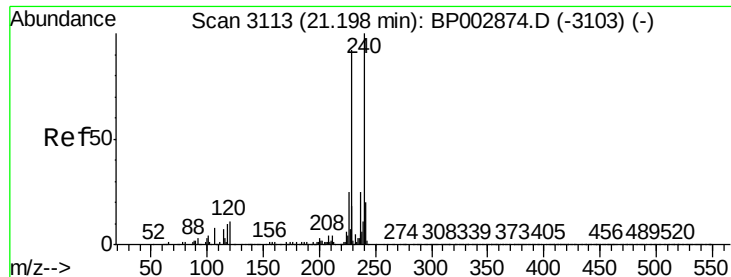
Abundance

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

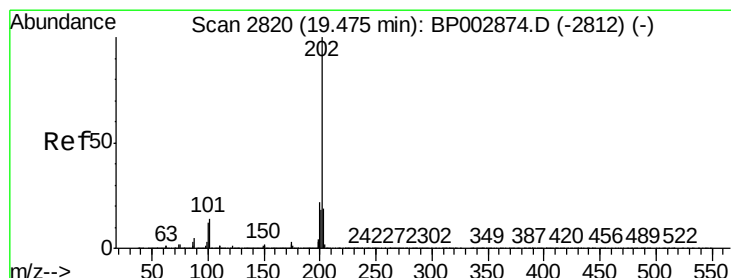
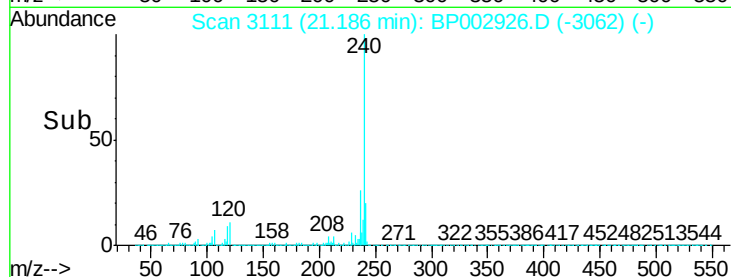
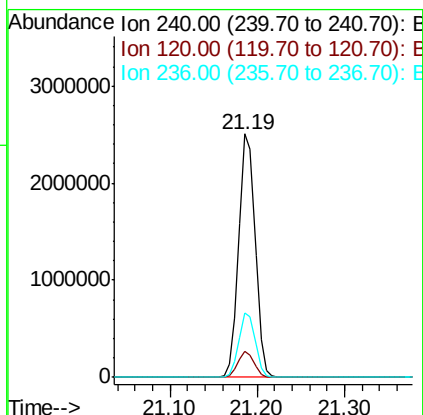
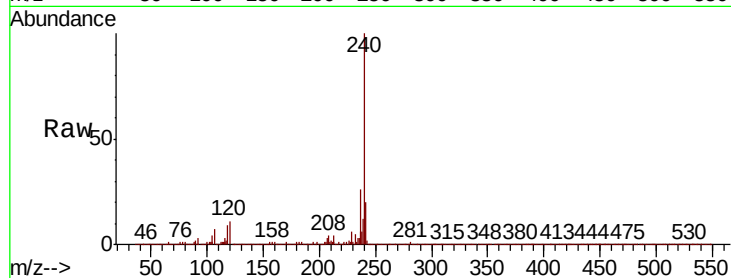




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

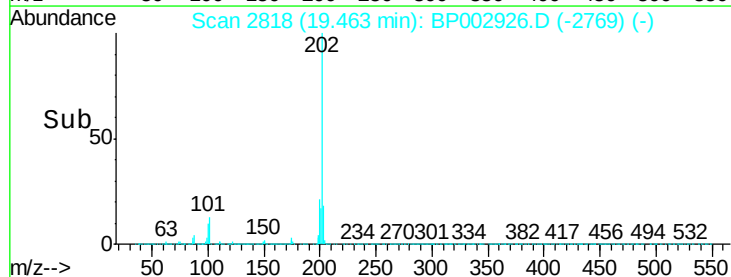
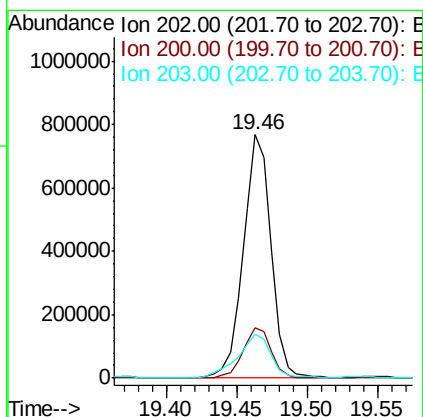
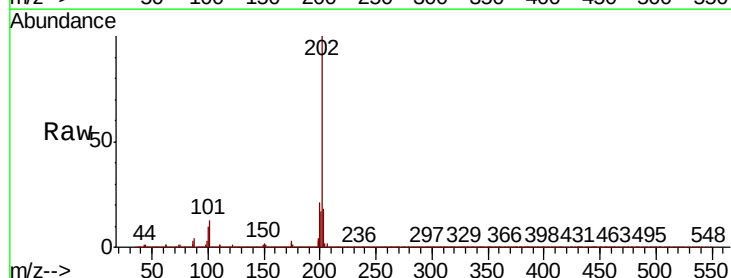
Instrument :
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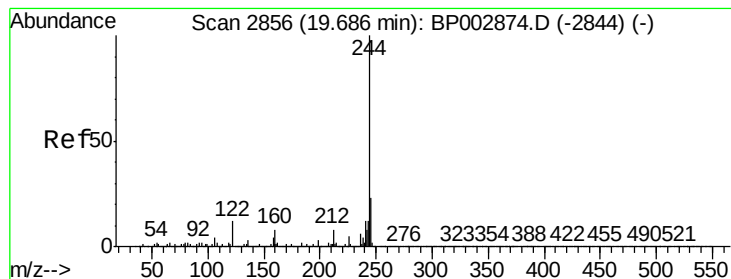
Tot Ion:240 Resp: 3161832
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.4 20.3 30.5



#78
Pyrene
Concen: 4.738 ng
RT: 19.46 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BP002926.D
Acq: 06 Aug 2020 18:40

Tgt Ion:202 Resp: 1047263
Ion Ratio Lower Upper
202 100
200 20.9 17.9 26.9
203 18.1 15.1 22.7





#79

Terphenyl-d14

Concen: 59.116 ng

RT: 19.67 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampled :

CRT-004RE

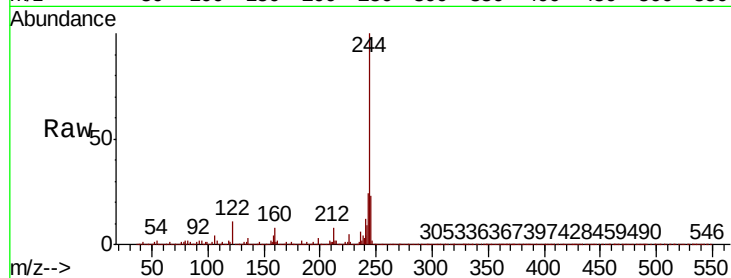
Tot Ion:244 Resp: 9336654

Ion Ratio Lower Upper

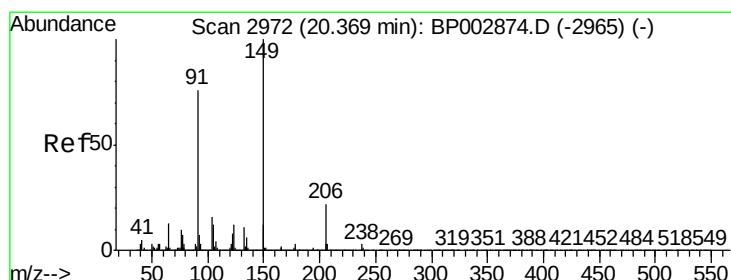
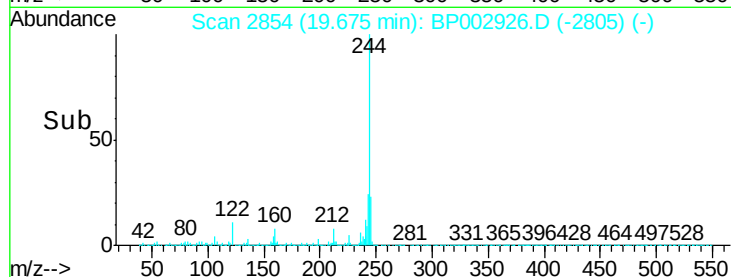
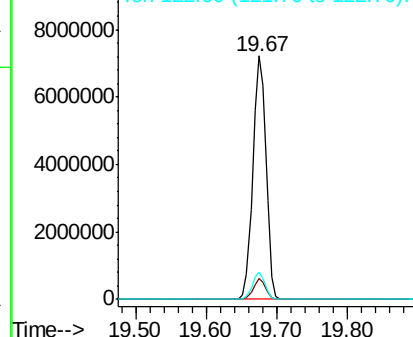
244 100

212 8.5 6.4 9.6

122 11.1 9.4 14.2



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



#80

Butylbenzylphthalate

Concen: 3.150 ng

RT: 20.36 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

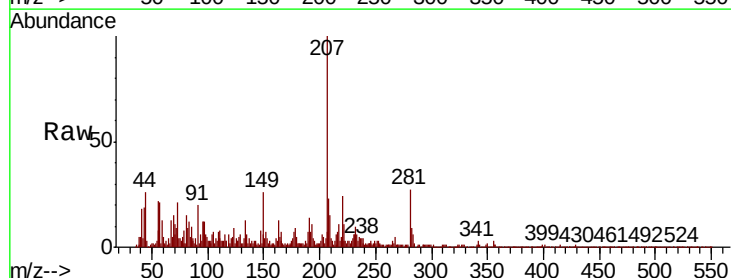
Tgt Ion:149 Resp: 8833

Ion Ratio Lower Upper

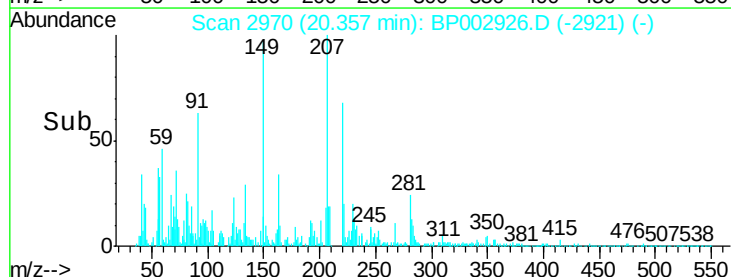
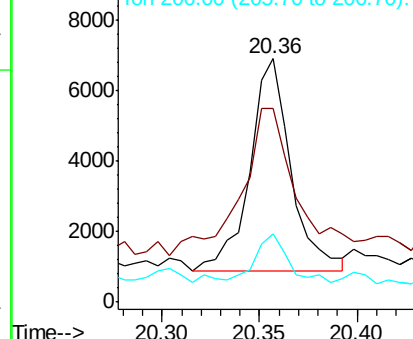
149 100

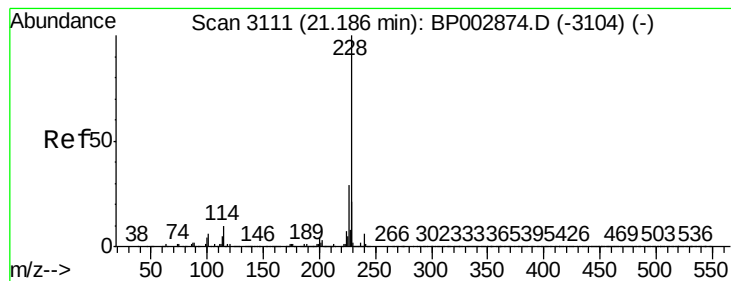
91 79.3 60.5 90.7

206 28.2 17.5 26.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.650 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

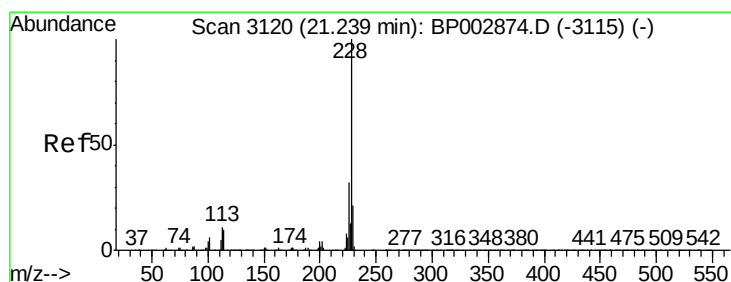
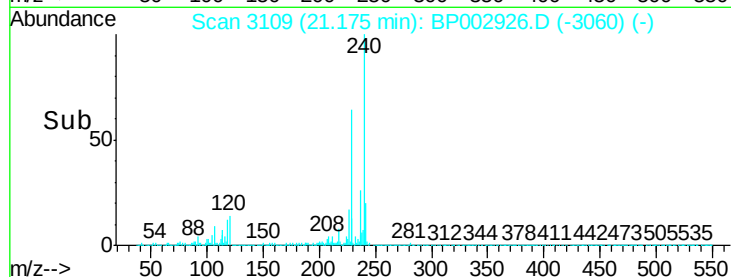
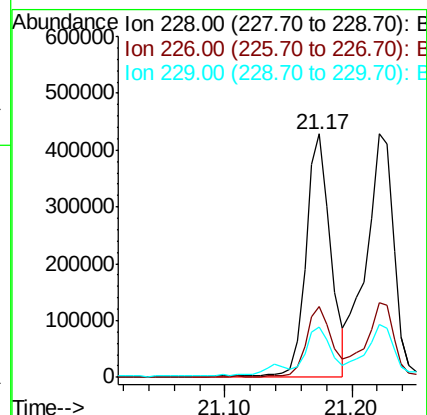
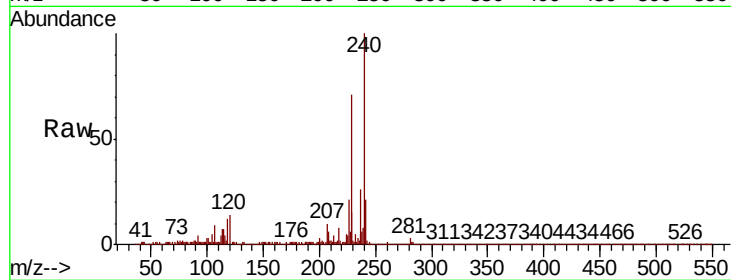
Tot Ion:228 Resp: 570624

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

229 20.7 16.9 25.3



#83

Chrysene

Concen: 3.206 ng

RT: 21.22 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

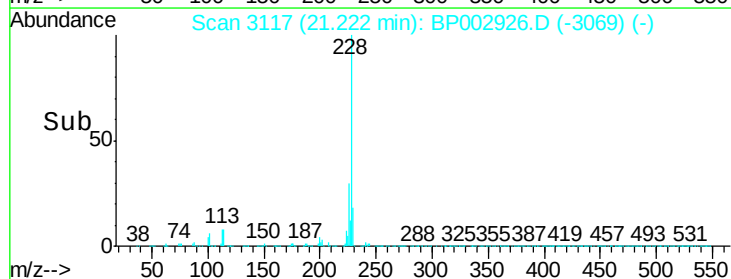
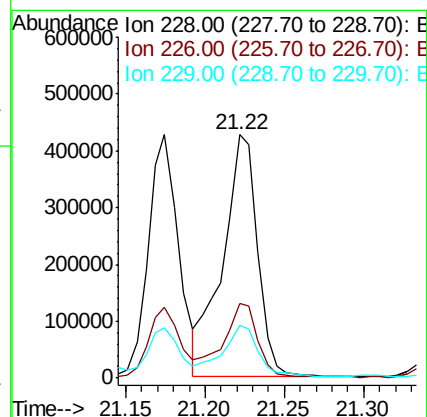
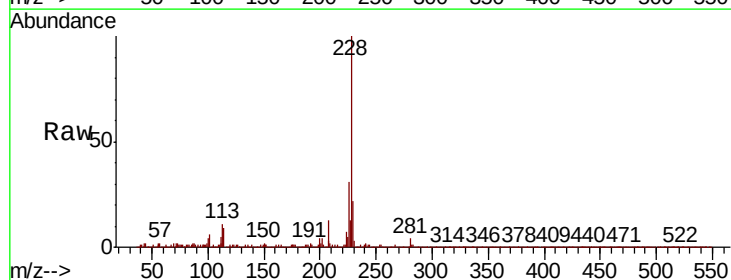
Tgt Ion:228 Resp: 651234

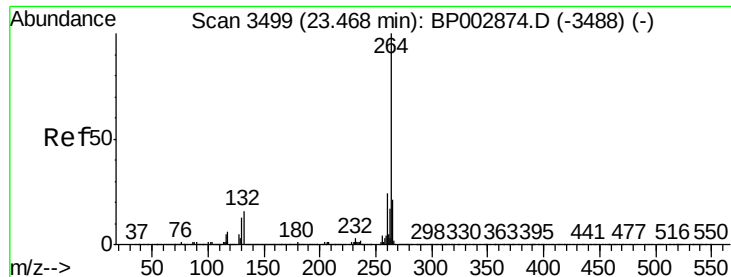
Ion Ratio Lower Upper

228 100

226 30.6 25.5 38.3

229 21.8 16.7 25.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.45 min Scan# 3496

Delta R.T. -0.02 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

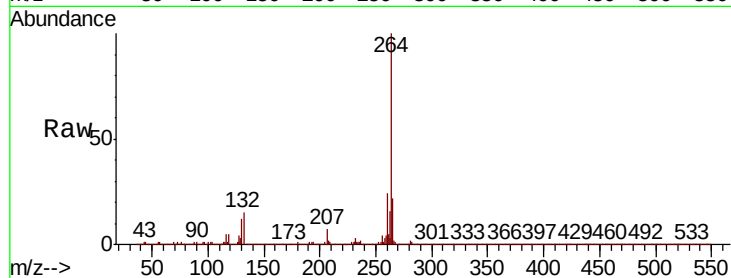
Tot Ion:264 Resp: 2846653

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	22.0	17.0	25.4

264 100

260 24.3 19.0 28.6

265 22.0 17.0 25.4

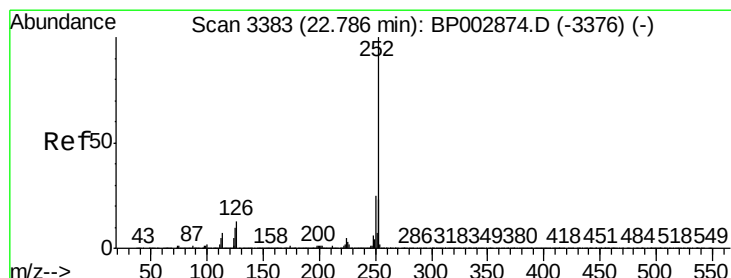
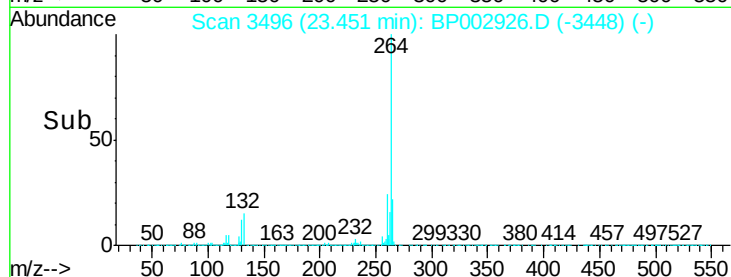
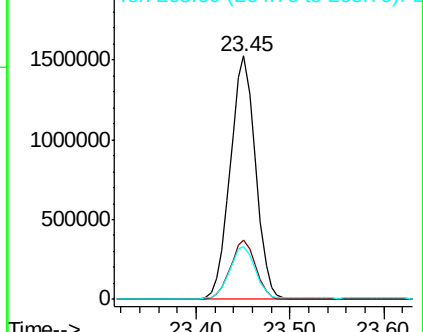


Abundance

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: 4.343 ng

RT: 22.77 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

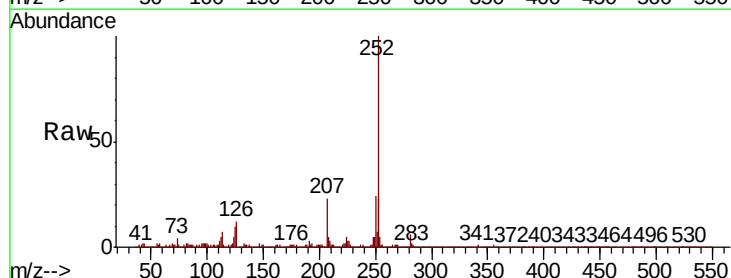
Tgt Ion:252 Resp: 872492

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	10.2	7.8	11.8

252 100

253 23.1 18.3 27.5

125 10.2 7.8 11.8

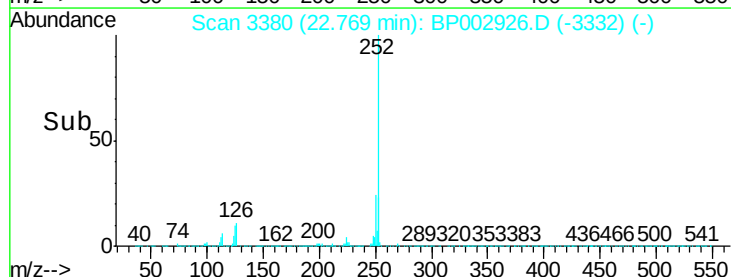
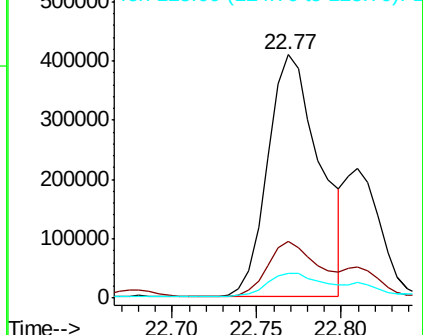


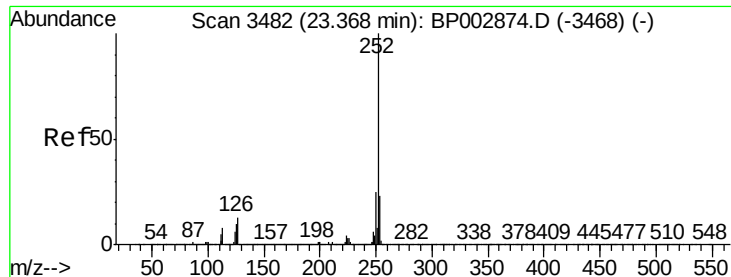
Abundance

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: 2.679 ng

RT: 23.35 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BP002926.D

Acq: 06 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

CRT-004RE

Tot Ion: 252 Resp: 486225

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 10.2 8.3 12.5

