

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
 Data File : BP002339.D
 Acq On : 01 Jun 2020 15:10
 Operator : CG/JU
 Sample : L2776-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 225

Manual Integrations
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Quant Time: Jun 01 16:12:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	364278	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1484498	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	887499	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1899840	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1660265	20.00	ng	0.00
86) Perylene-d12	23.33	264	1706870	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1201937	61.97	ng	0.00
7) Phenol-d6	6.80	99	1733314	65.69	ng	0.00
23) Nitrobenzene-d5	8.75	82	1126138	45.61	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	611688	72.72	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2461219	48.93	ng	0.00
79) Terphenyl-d14	19.60	244	3419648	49.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	30855m	2.092	ng	Qvalue
50) Dimethylphthalate	13.72	163	501210	8.343	ng	100
71) Phenanthrene	17.05	178	233491	2.595	ng	98
75) Fluoranthene	19.04	202	662165	6.388	ng	99
78) Pyrene	19.39	202	611629	5.916	ng	98
81) Benzo(a)anthracene	21.10	228	265726	2.796	ng	97
83) Chrysene	21.15	228	307037	3.366	ng	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	302687	4.812	ng	# 97
88) Benzo(b)fluoranthene	22.66	252	319170	3.430	ng	# 88
90) Benzo(a)pyrene	23.23	252	192383	2.229	ng	# 89

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

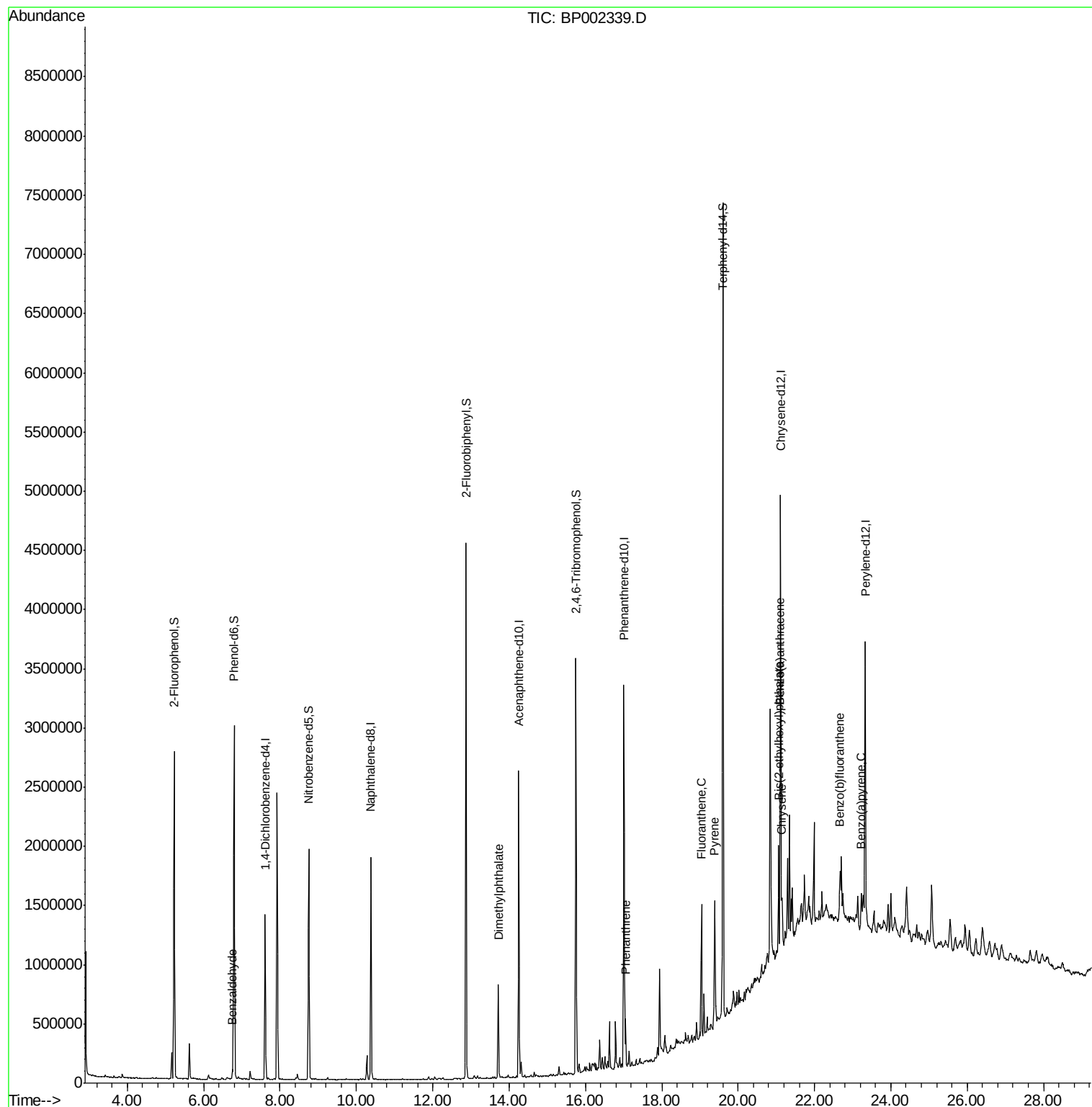
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002339.D
Acq On : 01 Jun 2020 15:10
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Misc :
ALS Vial : 9 Sample Multiplier: 1

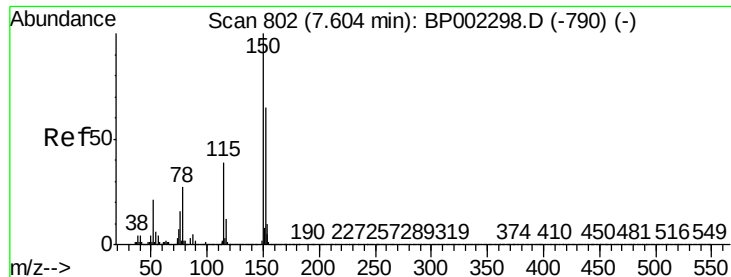
Instrument :
BNA_P
ClientSampleId :
225

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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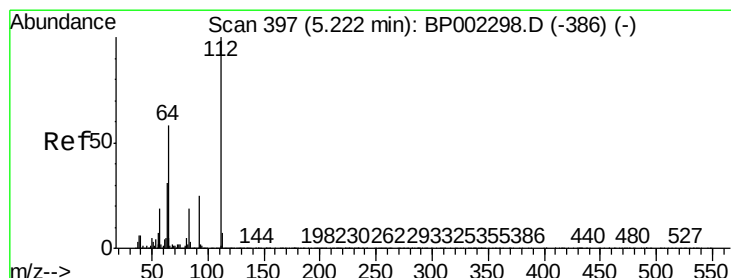
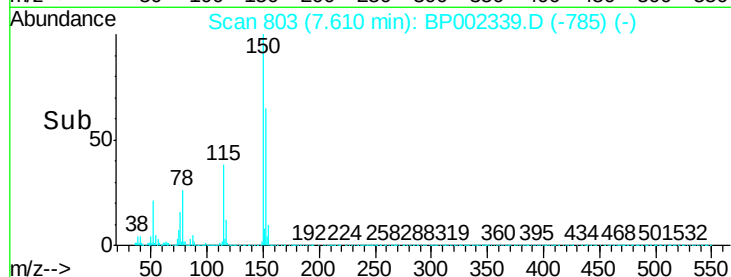
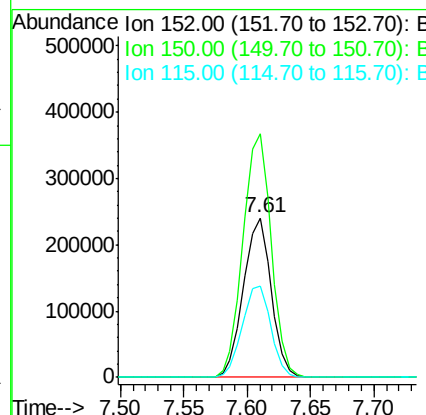
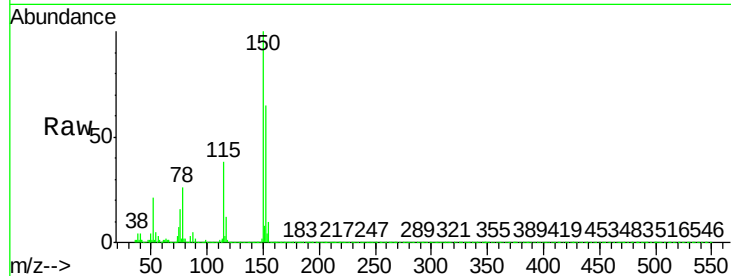
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampled :
225

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.7	187.1
115	57.7	49.4	74.2

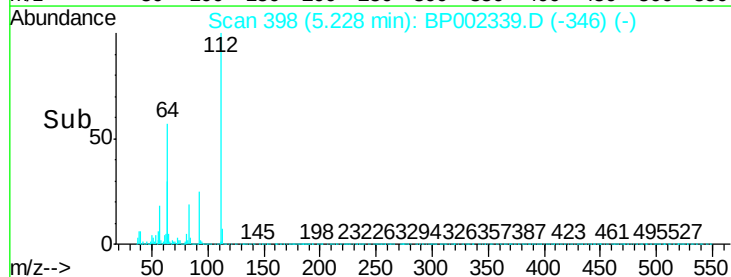
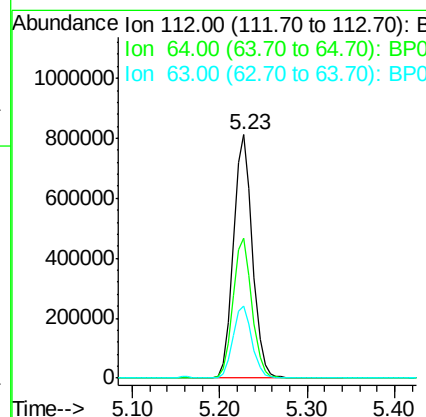
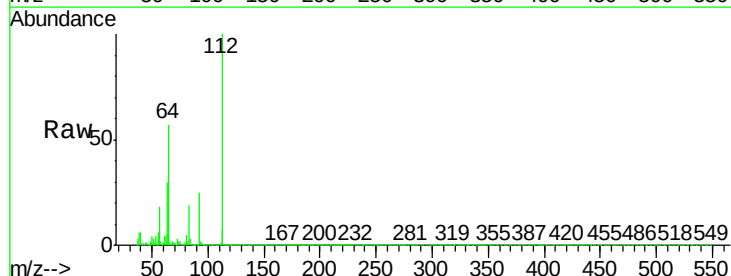
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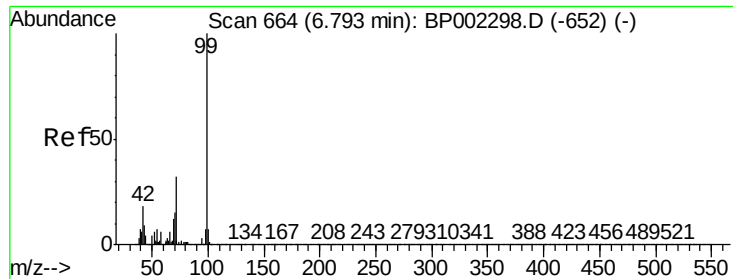
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#5
2-Fluorophenol
Concen: 61.969 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.0	70.4
63	29.9	24.0	36.0





#7

Phenol-d6

Concen: 65.694 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Instrument :

BNA_P

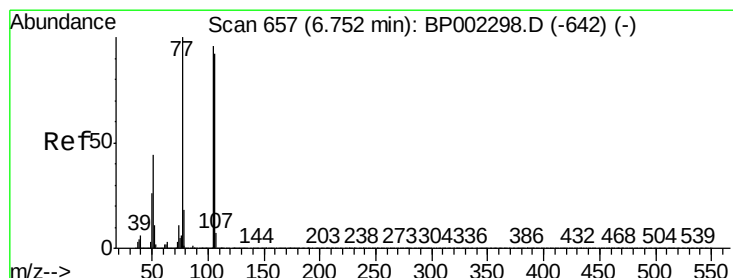
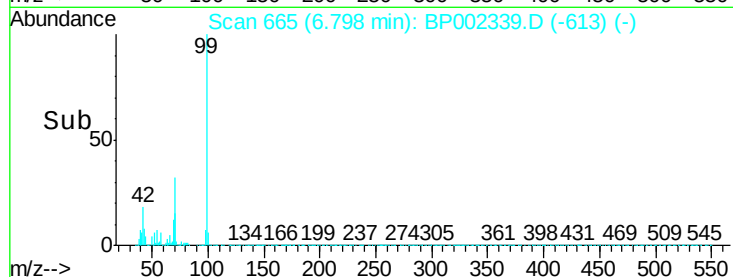
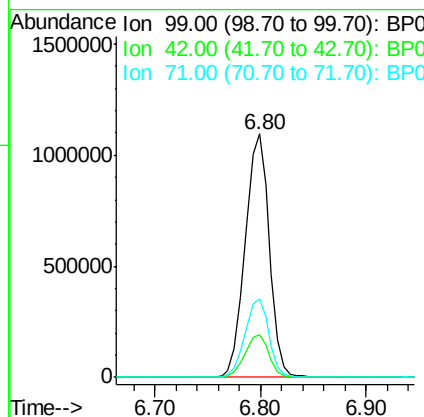
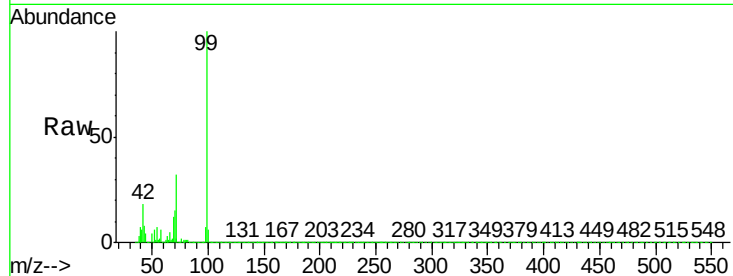
ClientSampled :

225

Tot Ion:	99	Resp:	1733314
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.9	20.9
71	32.1	25.8	38.8

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#9

Benzaldehyde

Concen: 2.092 ng m

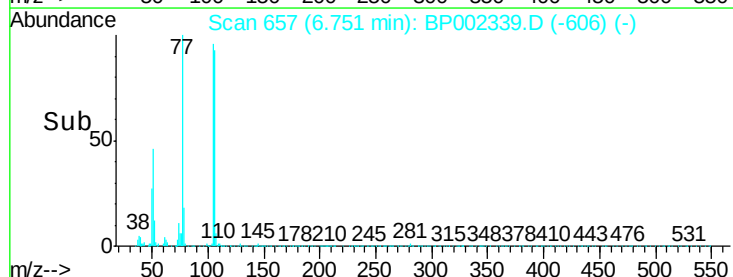
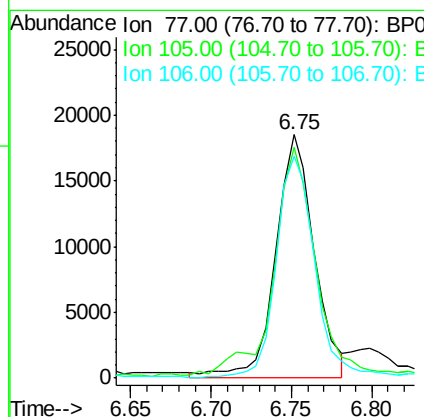
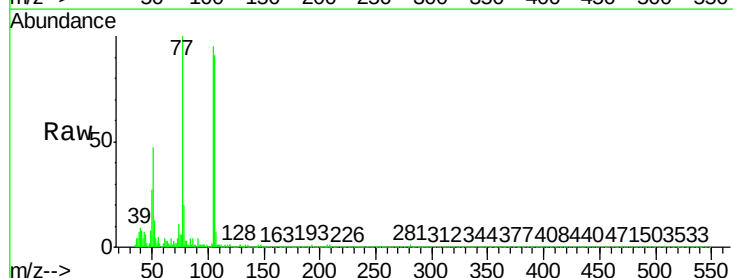
RT: 6.75 min Scan# 657

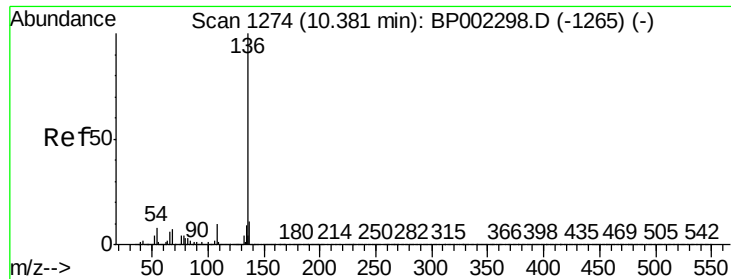
Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Tgt Ion:	77	Resp:	30855
Ion	Ratio	Lower	Upper
77	100		
105	95.0	77.5	117.5
106	91.0	75.6	115.6





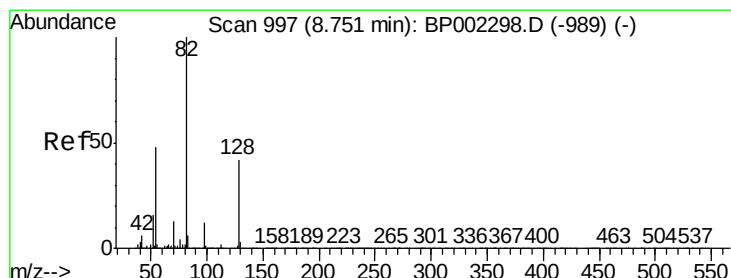
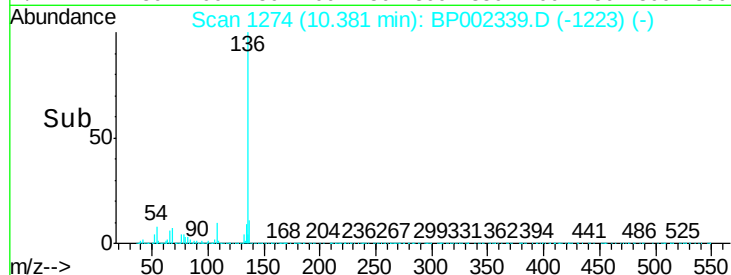
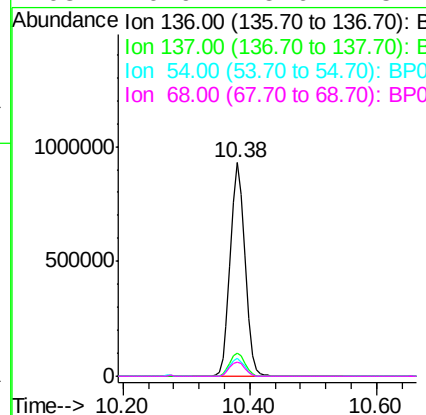
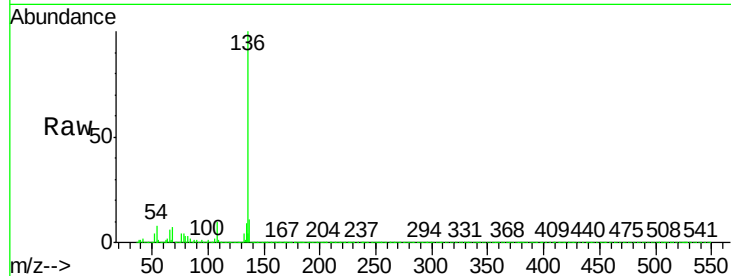
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampleId :
225

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1484498		
137	10.6	8.8	13.2		
54	8.4	6.9	10.3		
68	6.9	5.6	8.4		

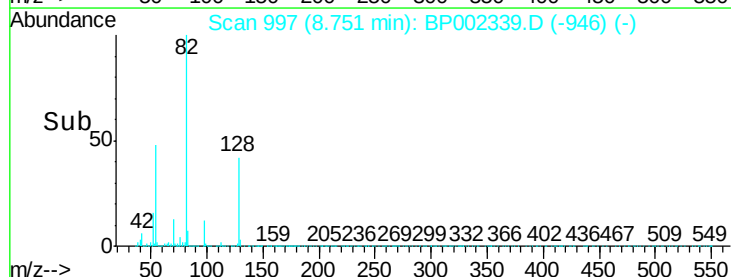
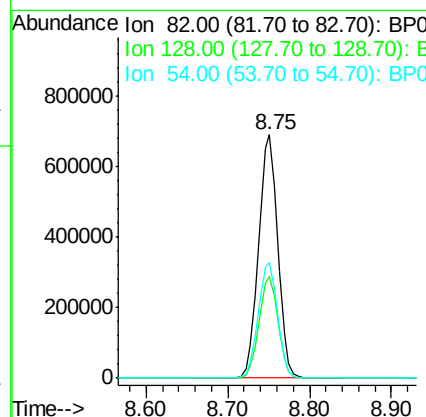
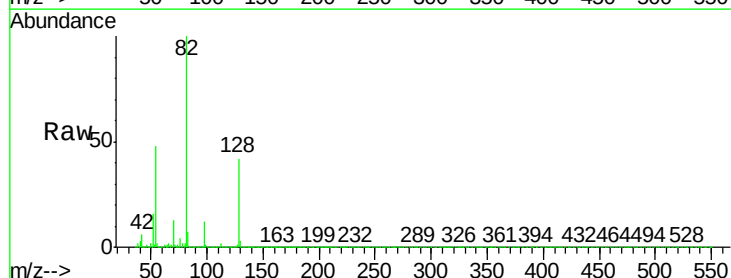
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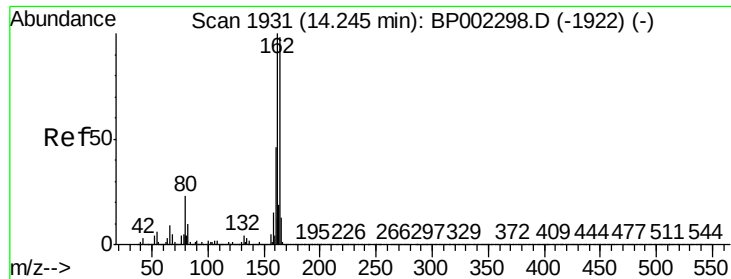
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#23
Nitrobenzene-d5
Concen: 45.609 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1126138		
128	41.9	33.4	50.0		
54	47.7	38.3	57.5		





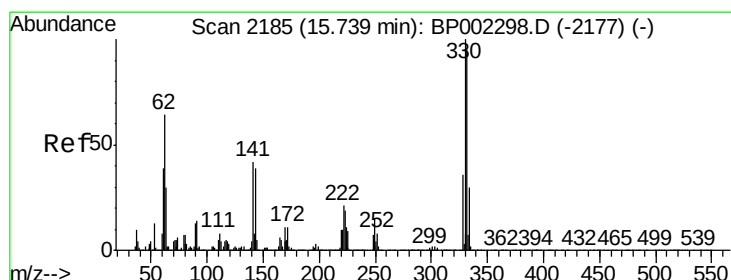
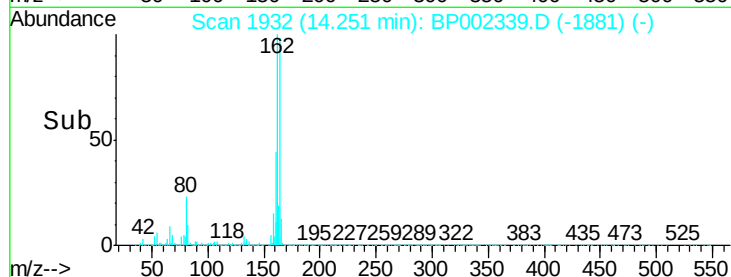
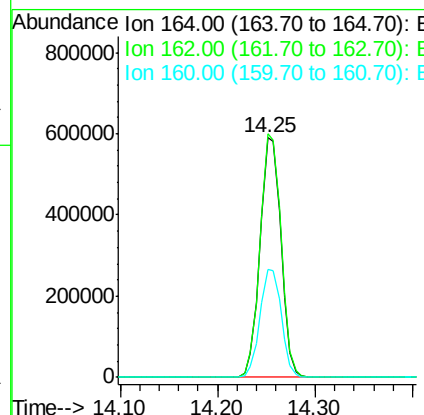
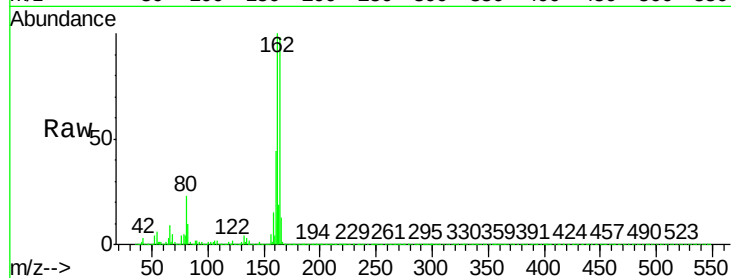
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampleId :
225

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	44.9	37.2	55.8

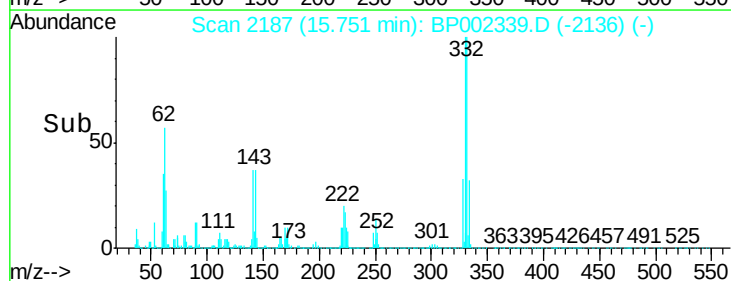
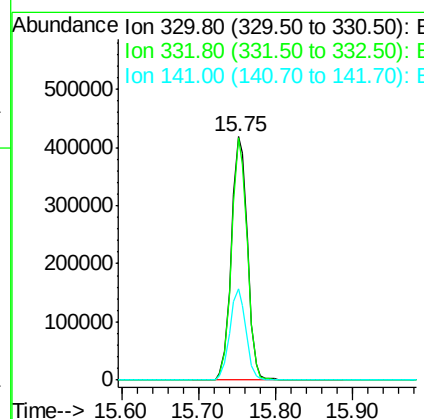
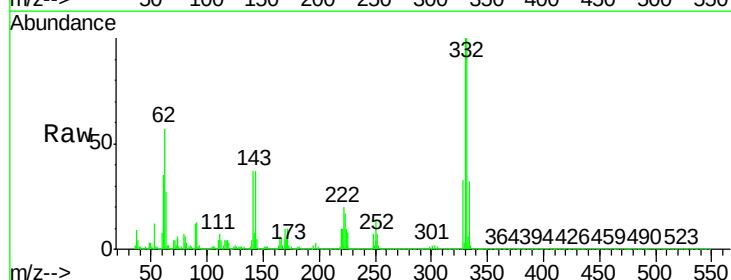
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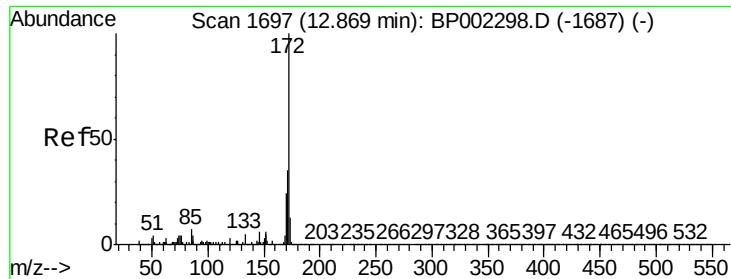
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#42
2,4,6-Tribromophenol
Concen: 72.722 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	36.8	31.4	47.2





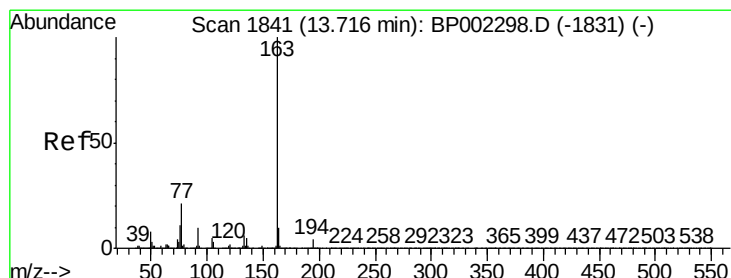
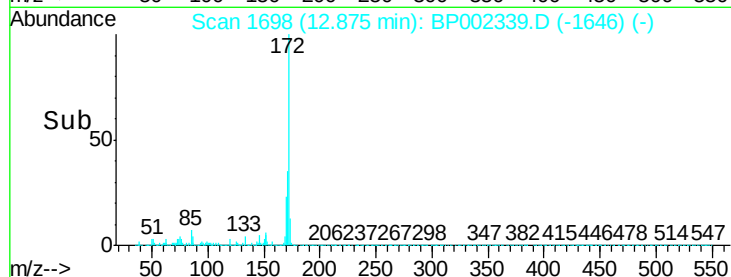
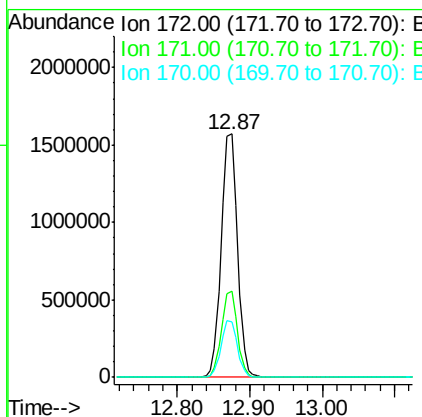
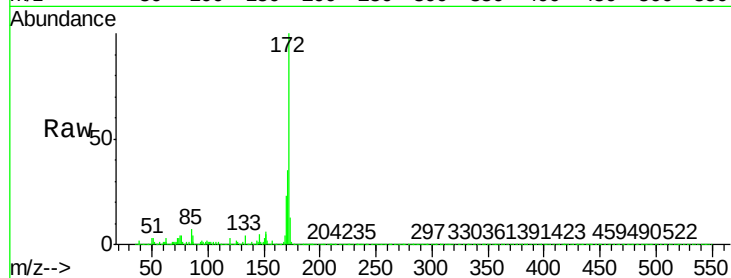
#45
2-Fluorobiphenyl
Concen: 48.934 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampleId :
225

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	22.8	18.9	28.3

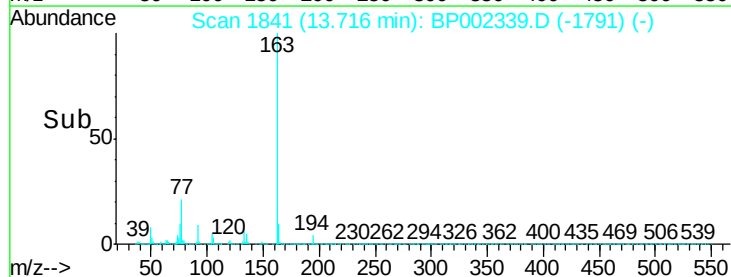
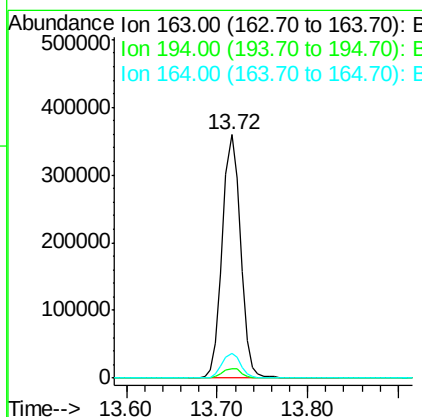
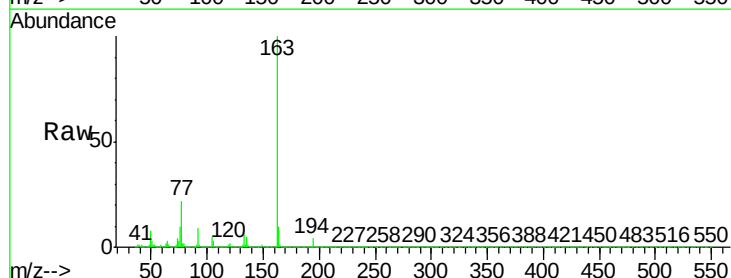
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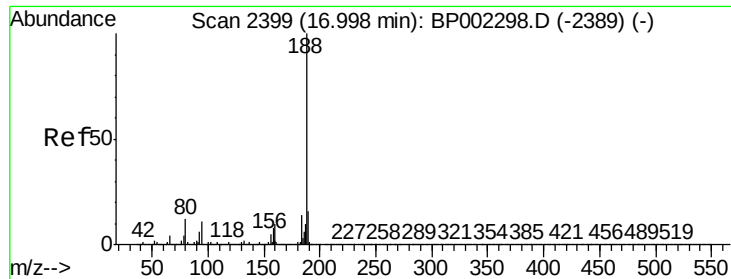
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#50
Dimethylphthalate
Concen: 8.343 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.1	12.1





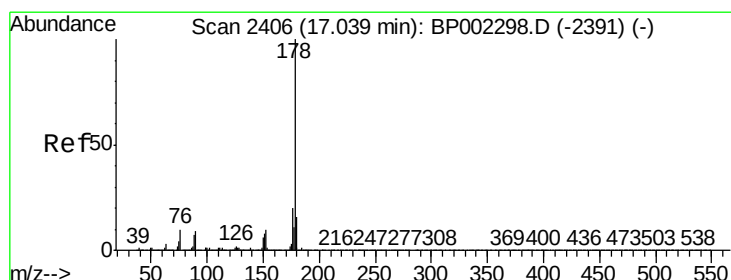
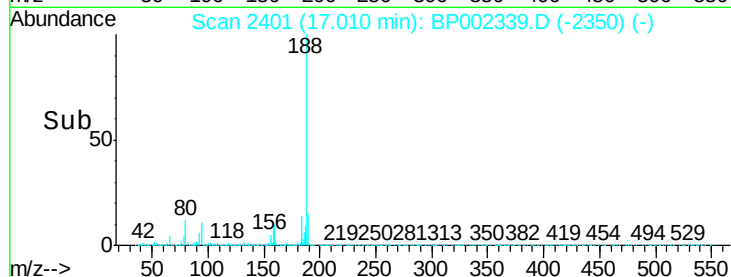
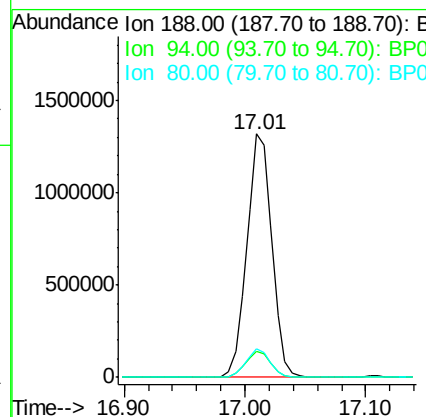
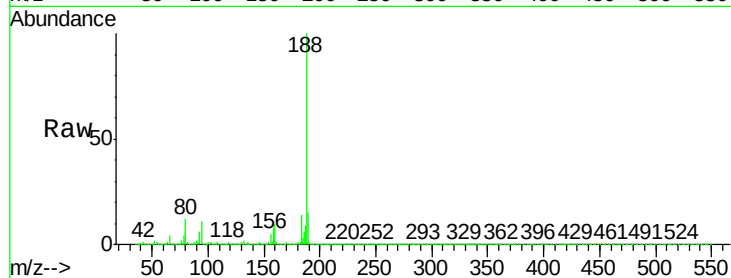
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampleId :
225

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	11.7	9.3	13.9

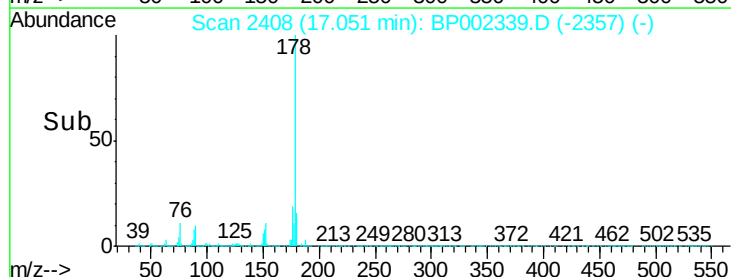
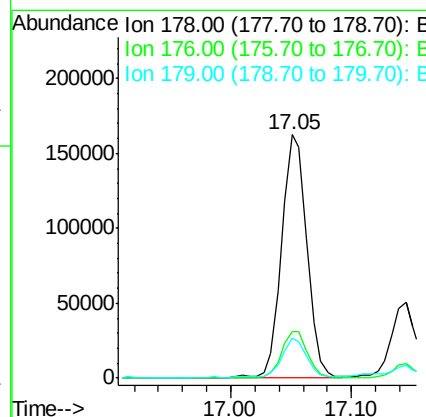
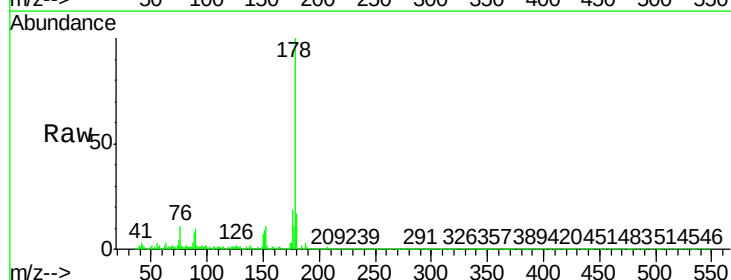
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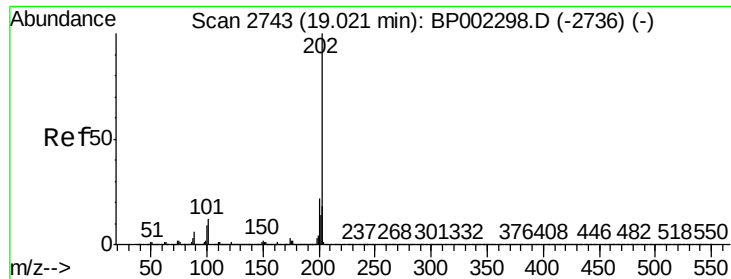
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#71
Phenanthrene
Concen: 2.595 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.7	12.6	18.8





#75

Fluoranthene

Concen: 6.388 ng

RT: 19.04 min Scan# 2746

Delta R.T. 0.01 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Instrument :

BNA_P

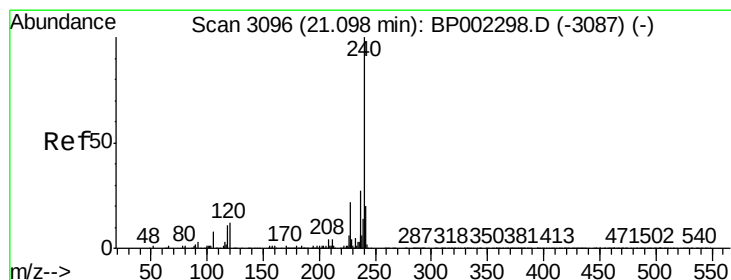
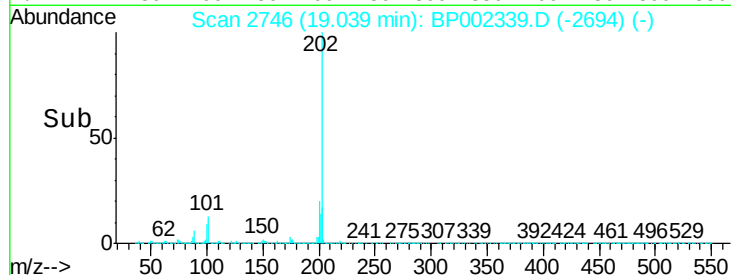
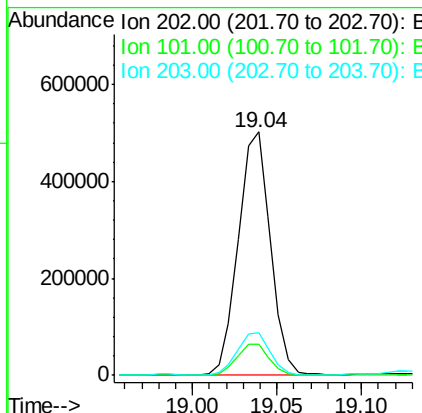
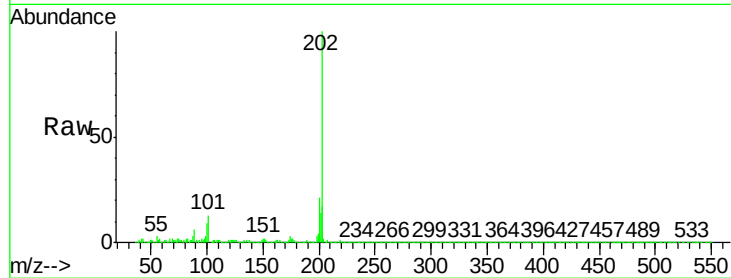
ClientSampleId :

225

Tot Ion:	202	Resp:	662165
Ion Ratio		Lower	Upper
202	100		
101	13.0	0.0	32.1
203	17.3	0.0	37.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

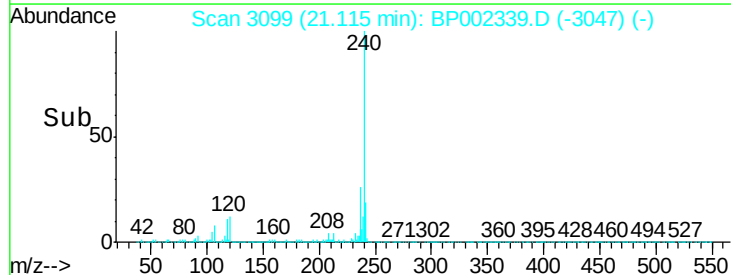
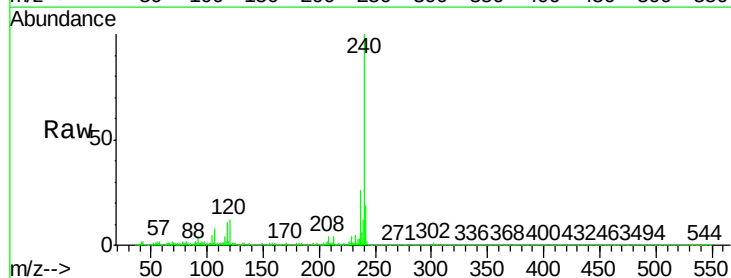
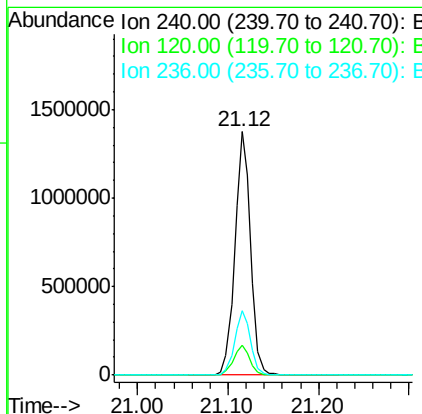
RT: 21.12 min Scan# 3099

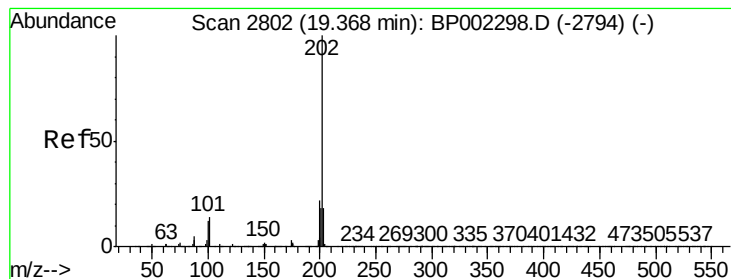
Delta R.T. 0.01 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Tgt Ion:	240	Resp:	1660265
Ion Ratio		Lower	Upper
240	100		
120	12.1	8.7	13.1
236	26.5	21.0	31.4





#78

Pvrene

Concen: 5.916 ng

RT: 19.39 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Instrument :

BNA_P

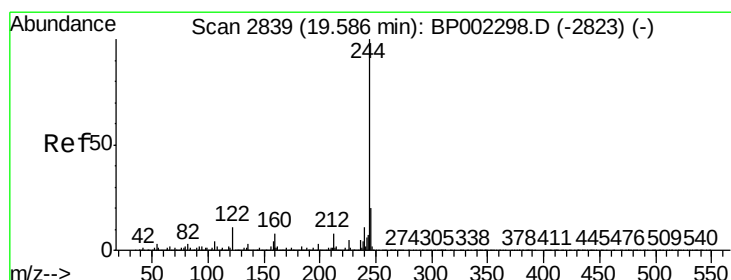
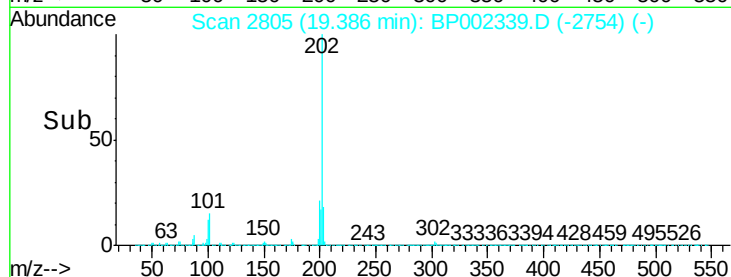
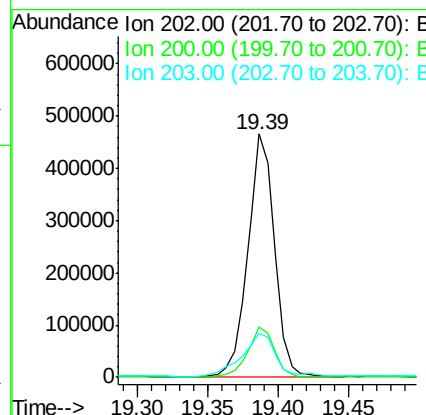
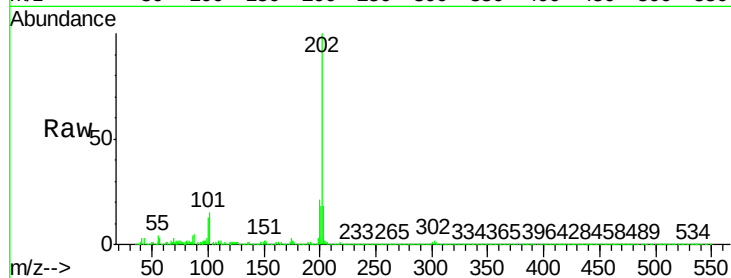
ClientSampleId :

225

Tot Ion:	202	Resp:	611629
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.3	25.9
203	18.0	13.8	20.6

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#79

Terphenyl-d14

Concen: 49.880 ng

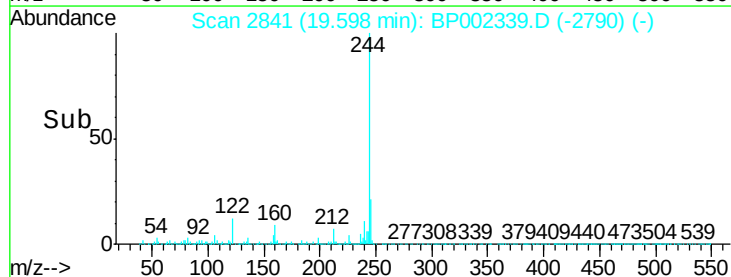
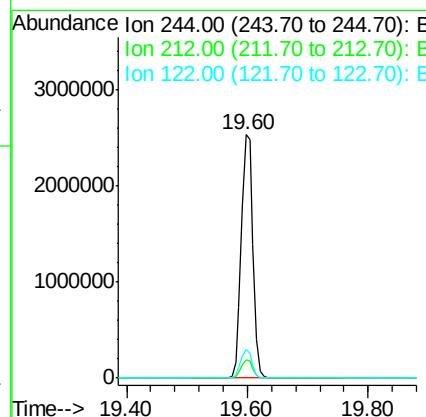
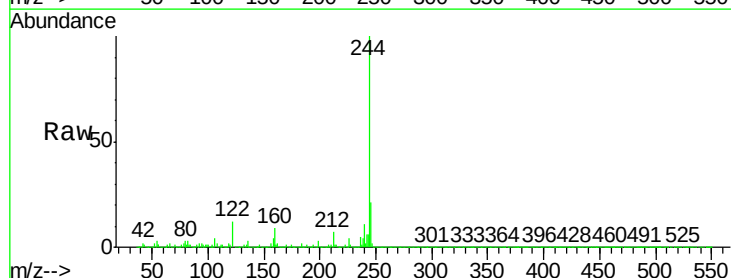
RT: 19.60 min Scan# 2841

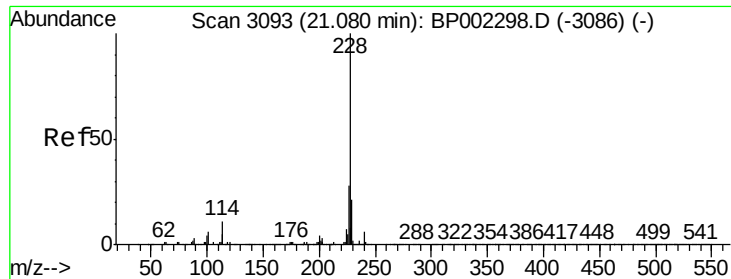
Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Tgt Ion:	244	Resp:	3419648
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.4	9.6
122	11.7	9.4	14.0





#81

Benzo(a)anthracene

Concen: 2.796 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Instrument :

BNA_P

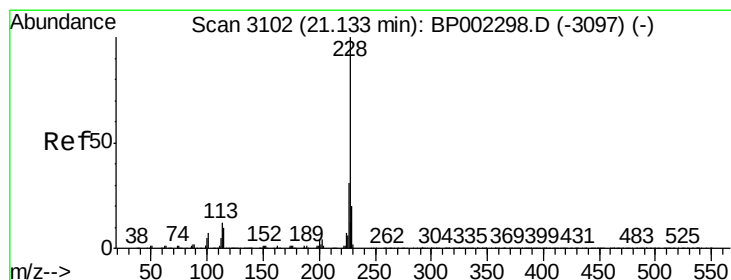
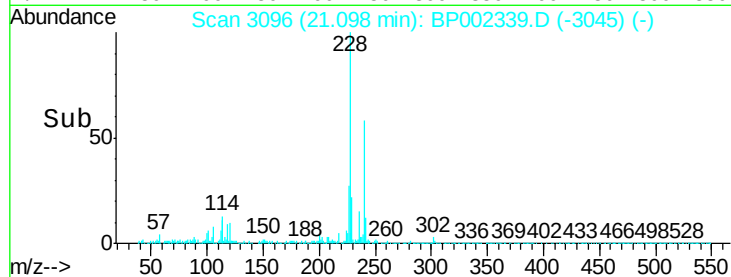
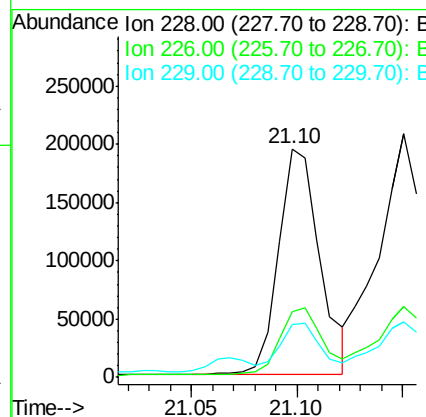
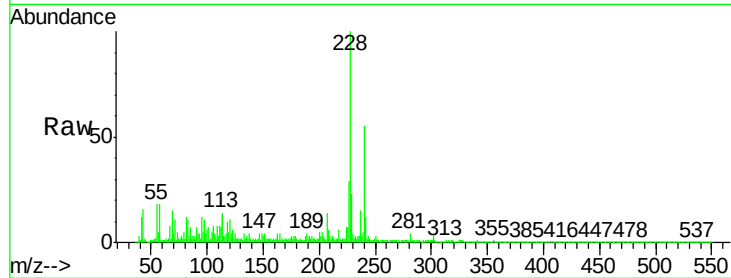
ClientSampled :

225

Tot Ion:	228	Resp:	265726
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.7	34.1
229	23.4	16.3	24.5

Manual Integrations
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#83

Chrysene

Concen: 3.366 ng

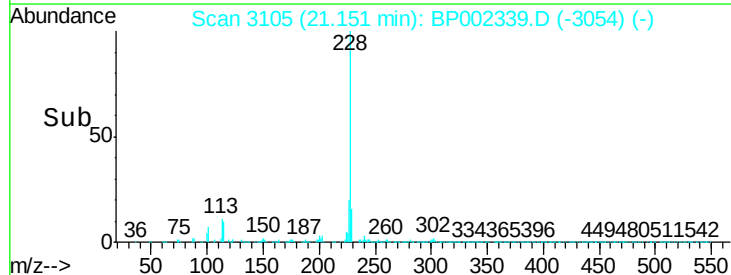
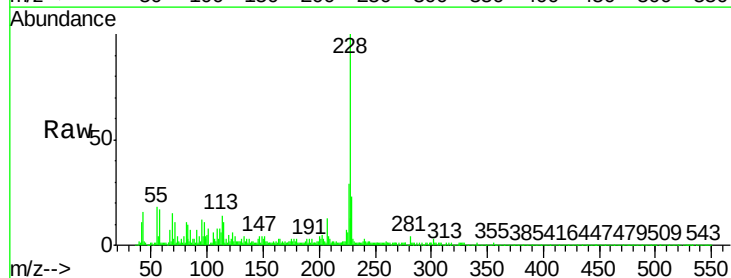
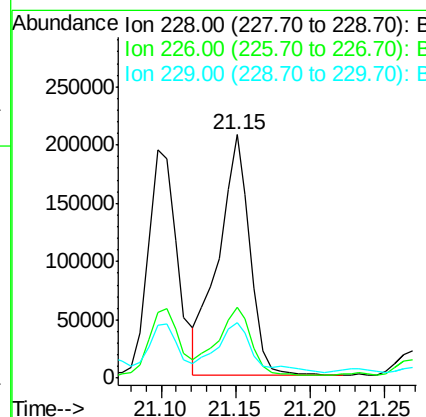
RT: 21.15 min Scan# 3105

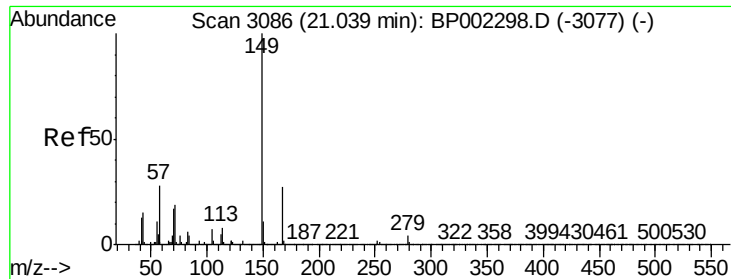
Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Tgt Ion:	228	Resp:	307037
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.0	37.6
229	22.6	16.2	24.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.812 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Instrument :

BNA_P

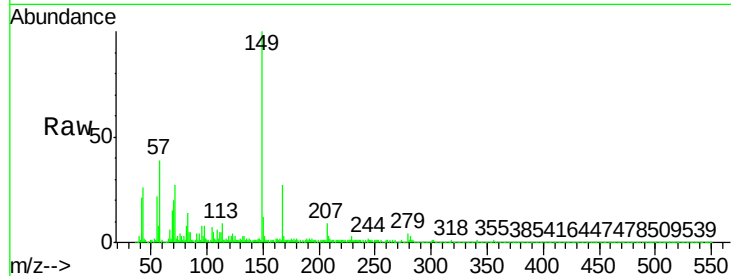
ClientSampleId :

225

Tot Ion:	149	Resp:	302687
Ion Ratio	Lower	Upper	
149	100		
167	27.2	23.0	34.6
279	3.7	3.9	5.9#

Manual Integrations
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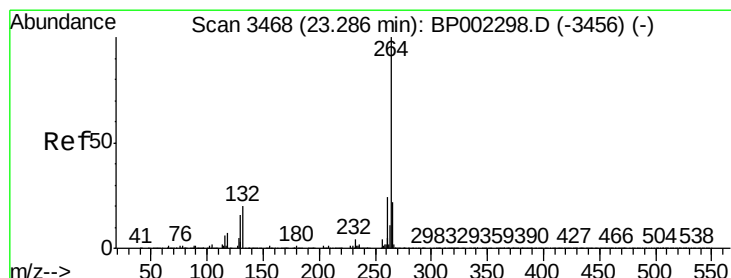
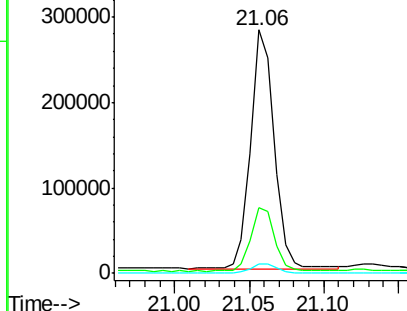
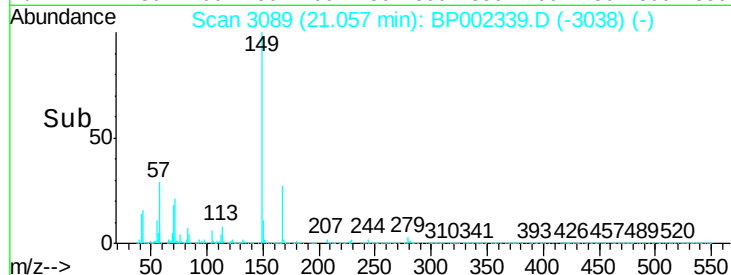


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



#86

Perylene-d12

Concen: 20.000 ng

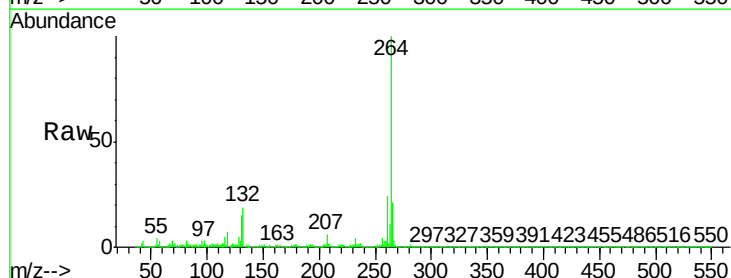
RT: 23.33 min Scan# 3475

Delta R.T. 0.01 min

Lab File: BP002339.D

Acq: 01 Jun 2020 15:10

Tgt Ion:	264	Resp:	1706870
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	21.4	17.8	26.6

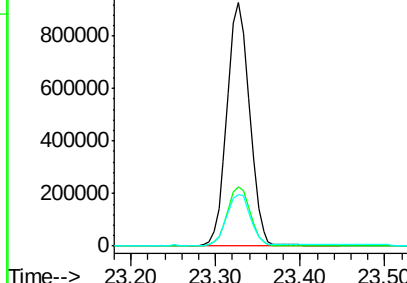
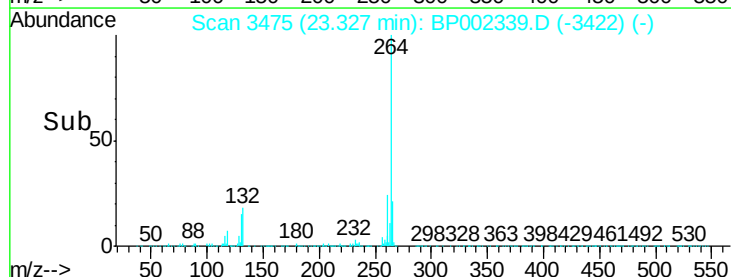


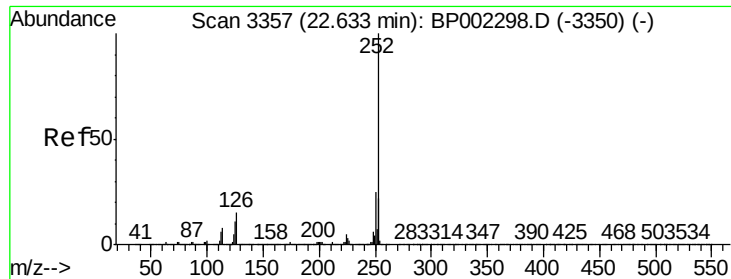
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->





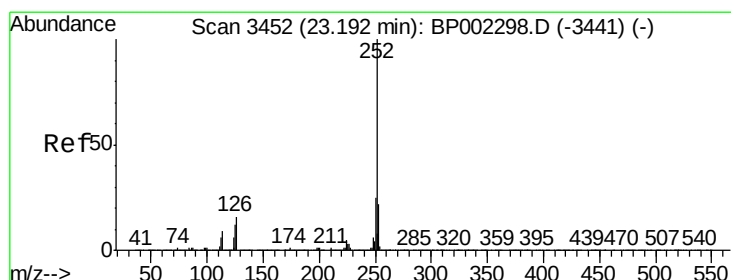
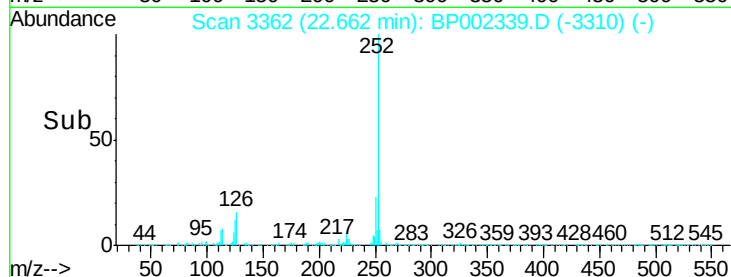
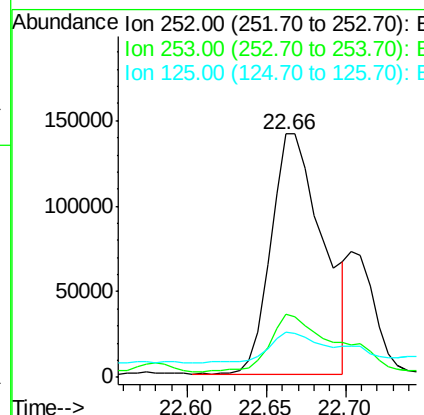
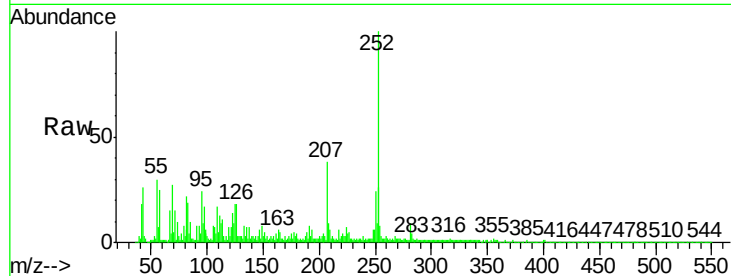
#88
Benzo(b)fluoranthene
Concen: 3.430 ng
RT: 22.66 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Instrument :
BNA_P
ClientSampleId :
225

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.2	27.2
125	18.5	7.2	10.8

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.229 ng
RT: 23.23 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BP002339.D
Acq: 01 Jun 2020 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	19.1	8.4	12.6

