Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002638.D
Acq On : 02 Jul 2020 19:21
Operator : CG/JU
Sample : L3188-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-04-070120

Quant Time: Jul 02 19:52:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	169124	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	707421	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	463105	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	1067760	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1135453	20.00	ng		0.00
86) Perylene-d12	23.28	264	1052989	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	121796	12.19	ng		0.00
7) Phenol-d6	6.76	99	181494	13.02	ng		0.00
23) Nitrobenzene-d5	8.72	82	122930	8.95	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	66746	11.85	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	317827	10.10	ng		0.00
79) Terphenyl-d14	19.57	244	547507	10.41	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	222	Below Cal		#	37
32) Benzoic acid	9.72	122	30	8.702	ng	#	1
41) Hexachlorocyclopentadiene	12.38	237	13	4.383	ng		97
54) 2,4-Dinitrophenol	14.32	184	20	6.013	ng	#	1
56) 4-Nitrophenol	14.45	139	490	2.506	ng	#	65
65) 4,6-Dinitro-2-methylphenol	15.37	198	19	2.712	ng	#	1
70) Pentachlorophenol	16.83	266	29	2.666	ng		88
71) Phenanthrene	17.02	178	180948	3.150	ng		99
75) Fluoranthene	19.01	202	311893	4.485	ng		98
77) Benzidine	19.22	184	137	3.759	ng	#	1
78) Pyrene	19.36	202	345021	4.464	ng		98
81) Benzo(a)anthracene	21.07	228	212309	2.860	ng		99
83) Chrysene	21.12	228	201786	2.835	ng		97
88) Benzo(b)fluoranthene	22.63	252	349714	5.205	ng	#	92
89) Benzo(k)fluoranthene	22.63	252	349714	5.579	ng	#	91
90) Benzo(a)pyrene	23.19	252	192404	3.120	ng	#	96

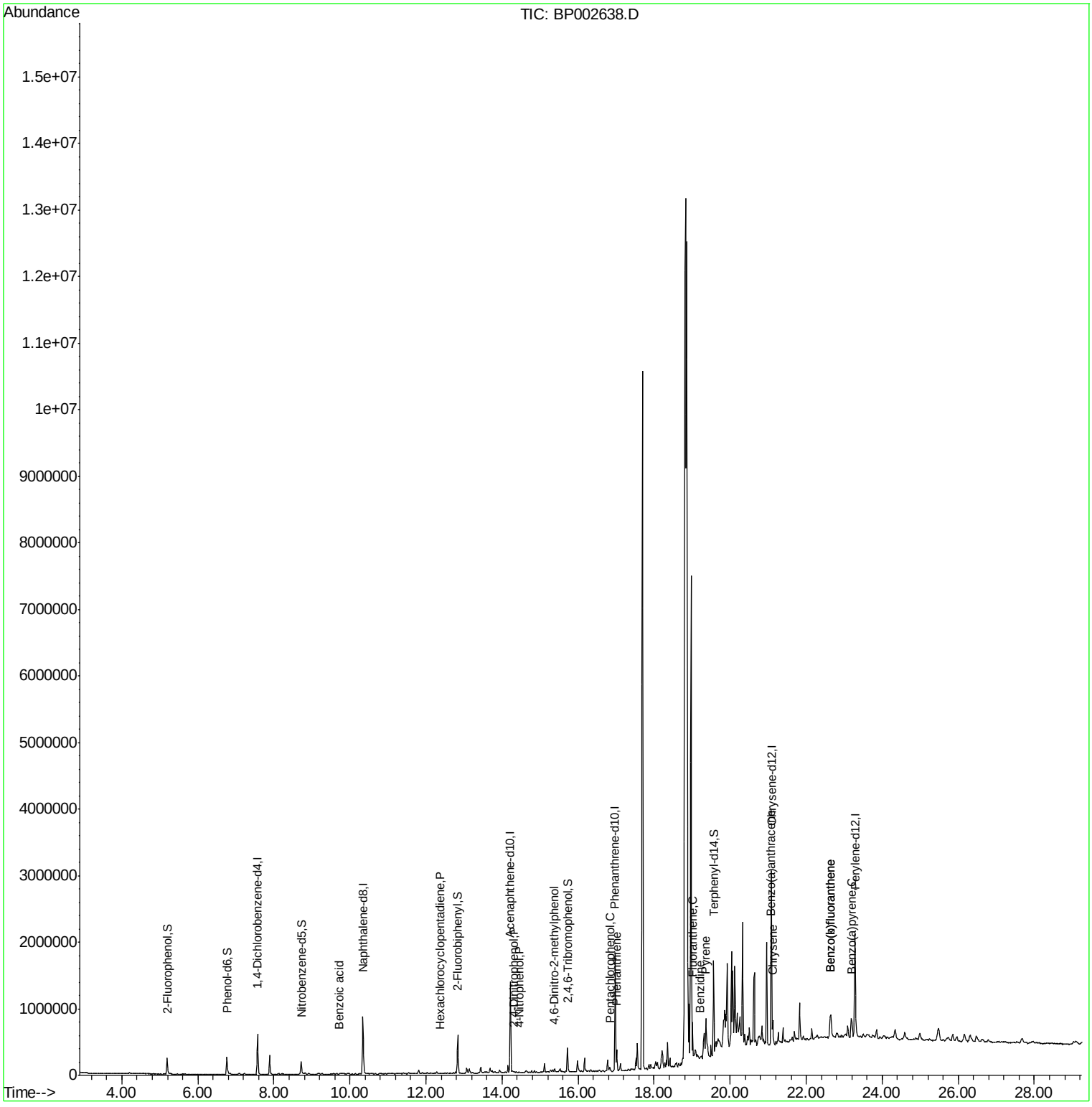
(#) = qualifier out of range (m) = manual integration (+) = signals summed

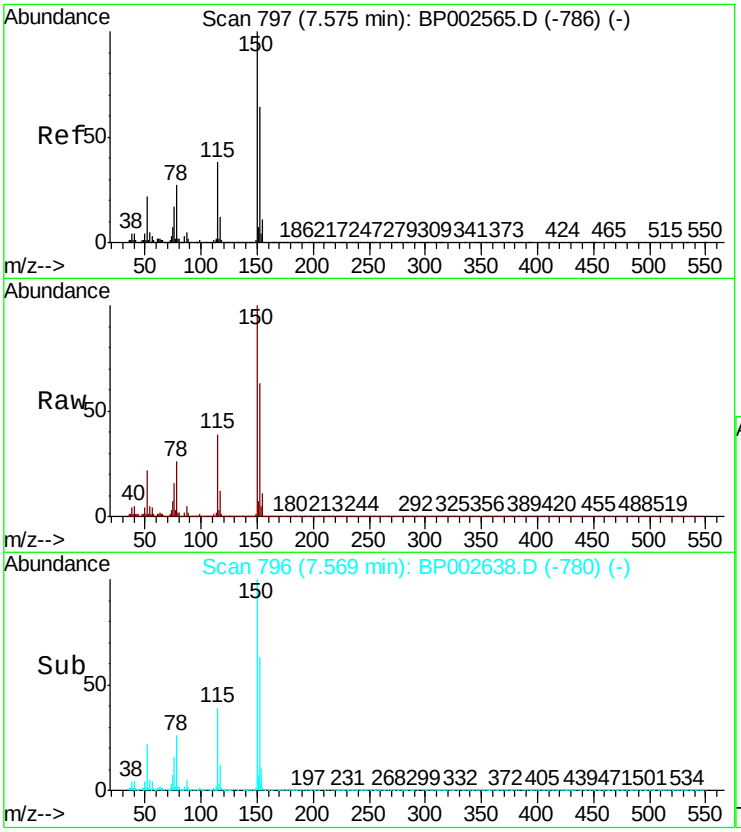
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002638.D
Acq On : 02 Jul 2020 19:21
Operator : CG/JU
Sample : L3188-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Quant Time: Jul 02 19:52:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



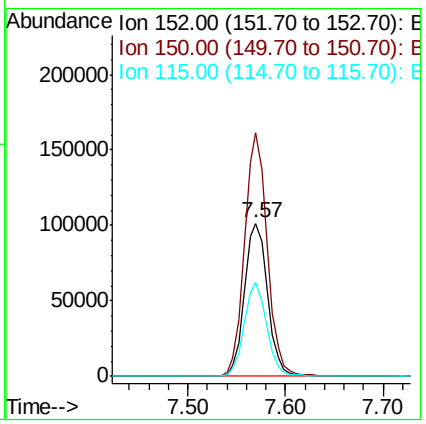


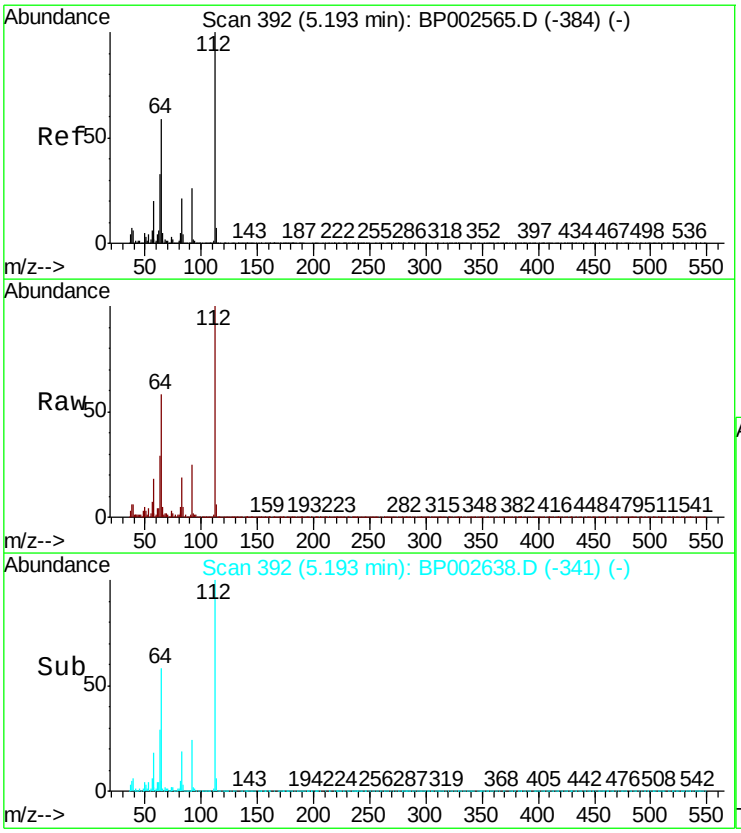
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:152 Resp: 169124

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.2	186.2
115	61.6	47.1	70.7

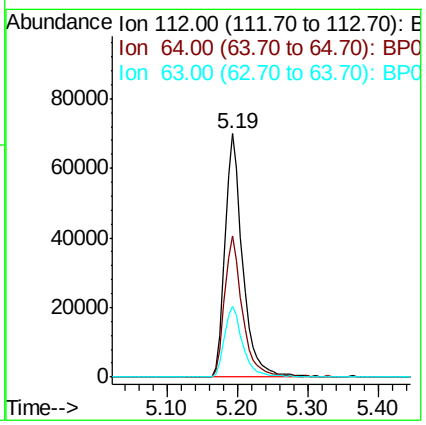


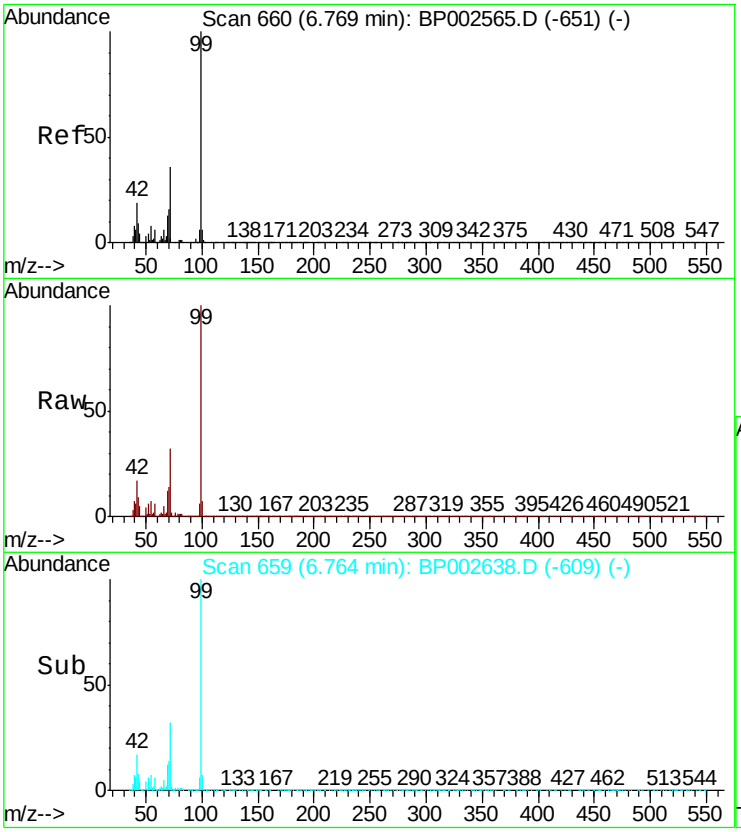


#5
2-Fluorophenol
Concen: 12.193 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:112 Resp: 121796

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.0	70.6
63	29.0	26.1	39.1



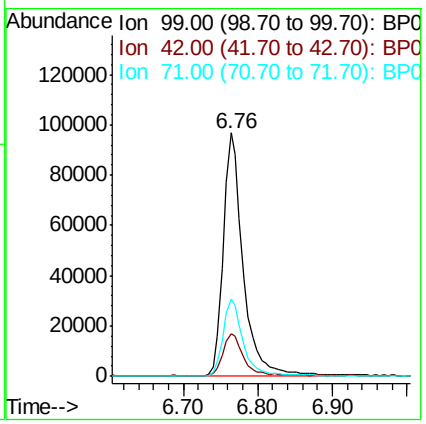


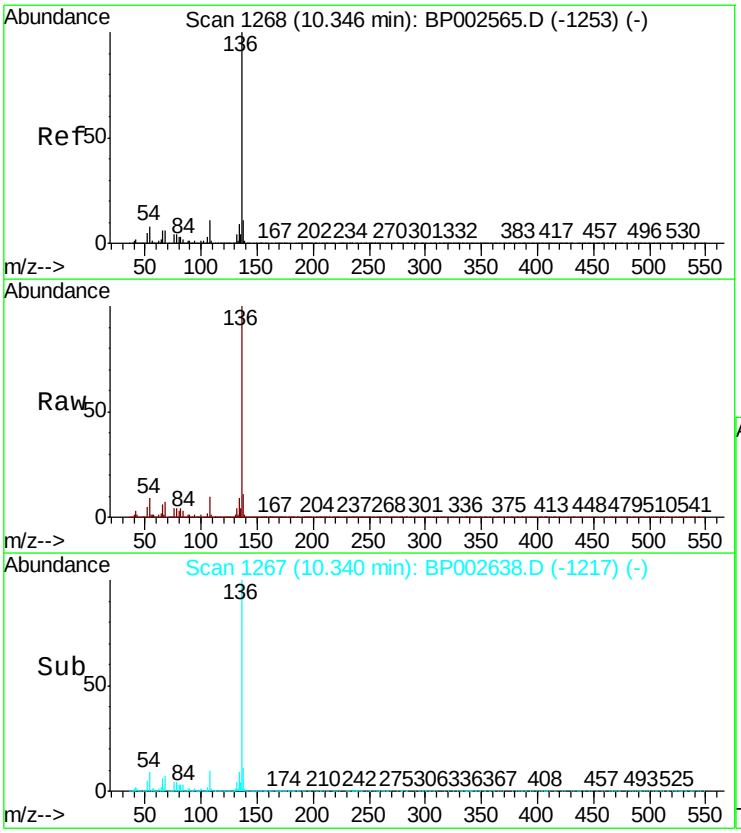
#7
Phenol-d6
Concen: 13.018 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion: 99 Resp: 181494

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	31.7	28.9	43.3

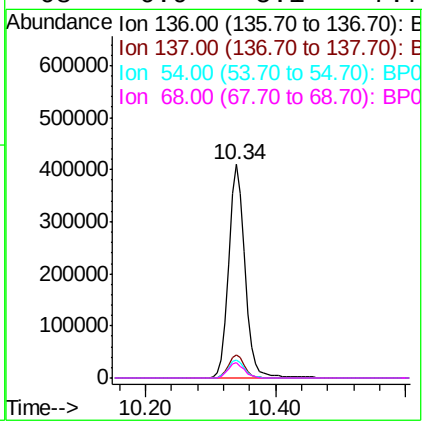


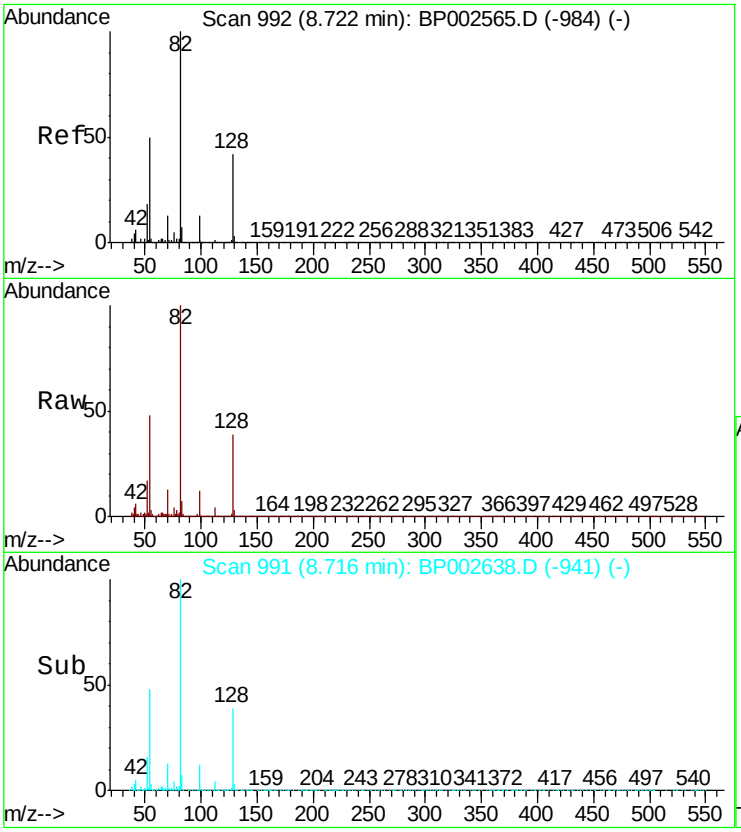


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:136 Resp: 707421

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	6.4	9.6
68	6.9	5.1	7.7



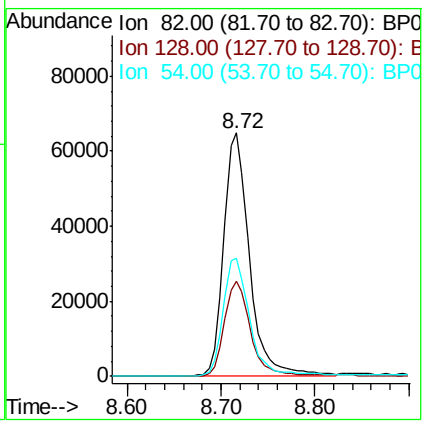


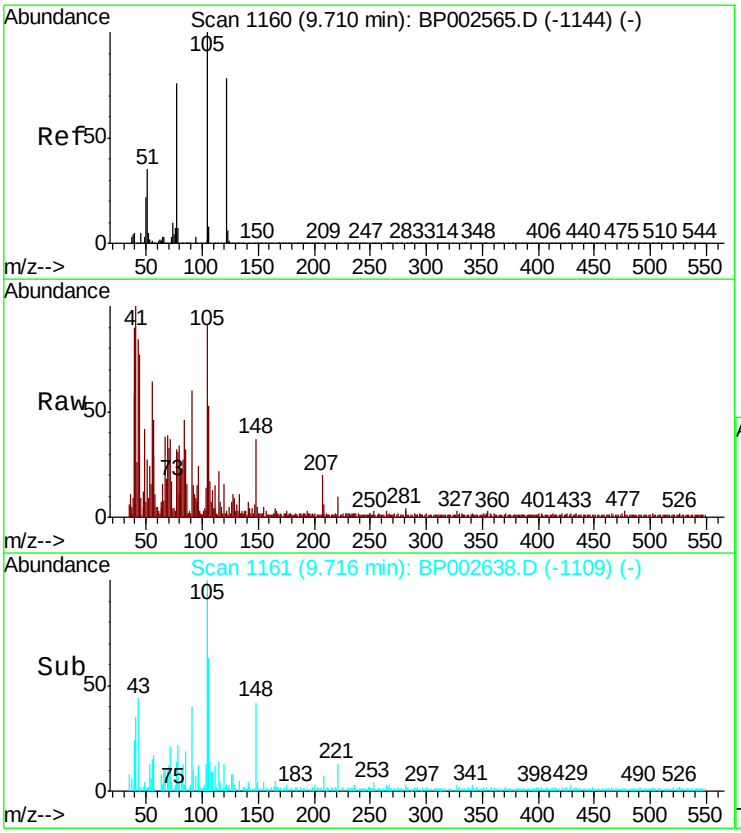
#23
Nitrobenzene-d5
Concen: 8.954 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion: 82 Resp: 122930

Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.4	50.2
54	48.4	40.1	60.1

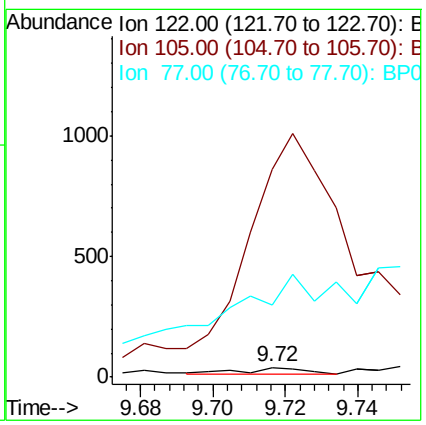


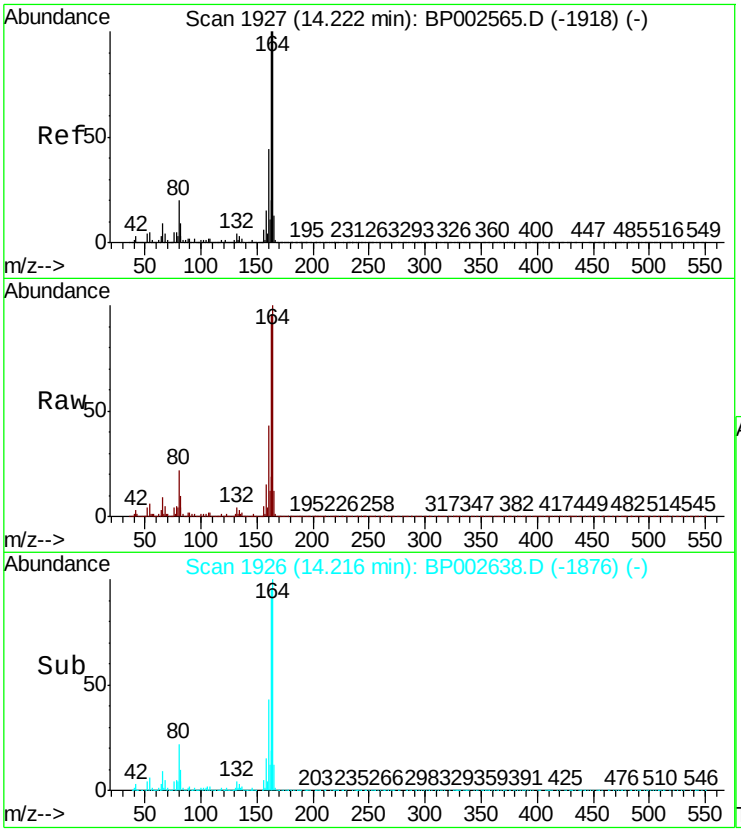


#32
Benzoic acid
Concen: 8.702 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:122 Resp: 30

Ion	Ratio	Lower	Upper
122	100		
105	2107.3	106.6	146.6#
77	734.1	76.5	116.5#



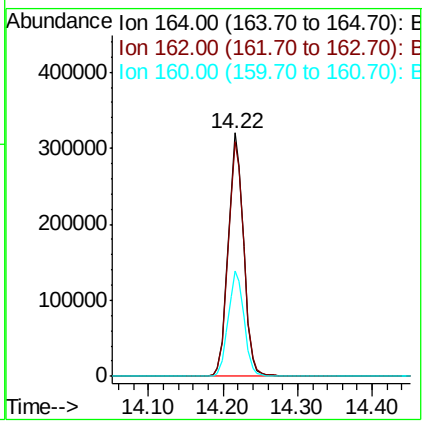


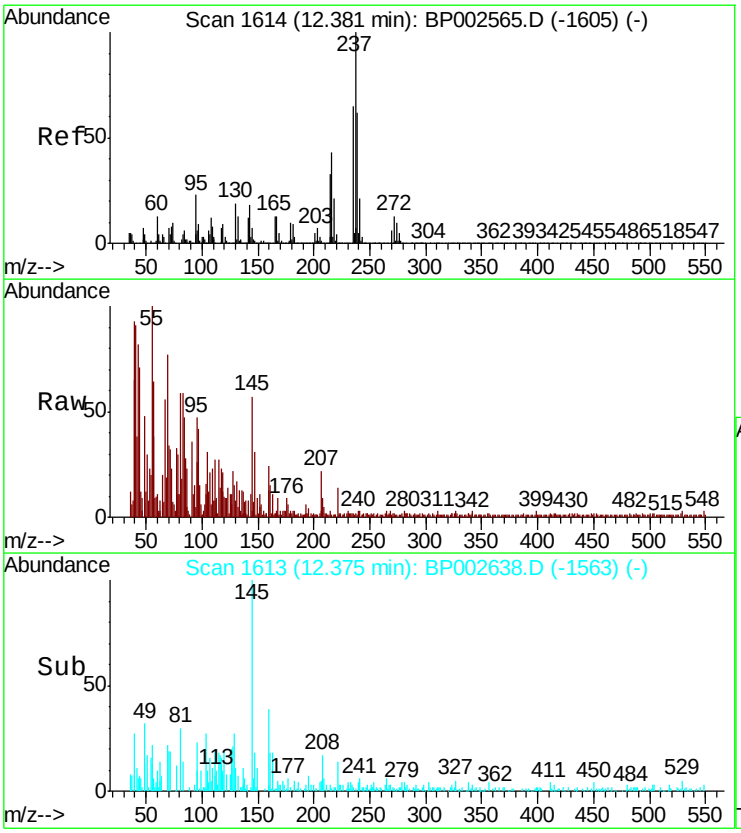
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:164 Resp: 463105

Ion	Ratio	Lower	Upper
164	100		
162	96.2	80.3	120.5
160	43.1	35.0	52.6

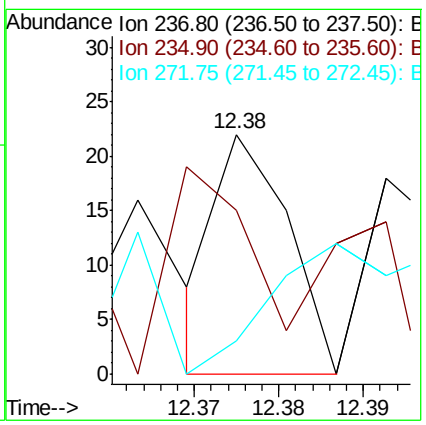


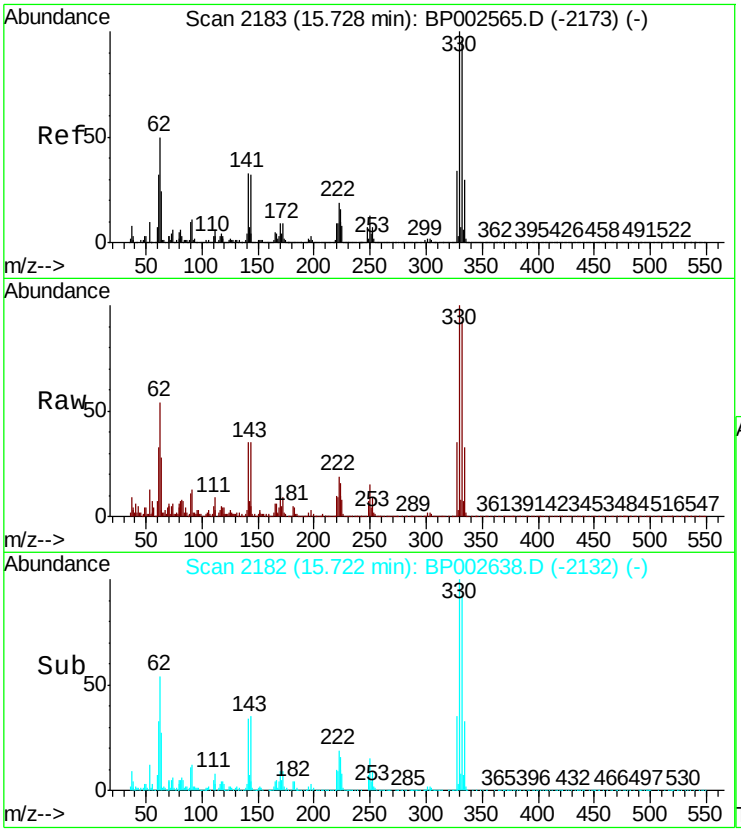


#41
Hexachlorocyclopentadiene
Concen: 4.383 ng
RT: 12.38 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:237 Resp: 13

Ion	Ratio	Lower	Upper
237	100		
235	68.2	45.4	85.4
272	13.6	0.0	32.6



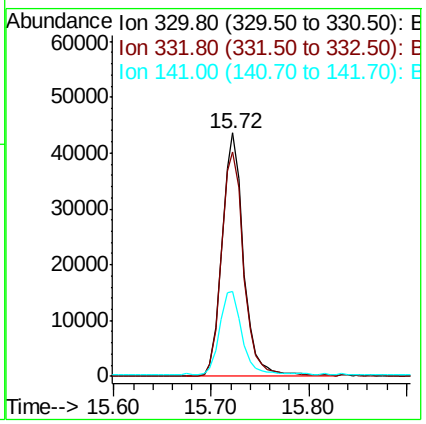


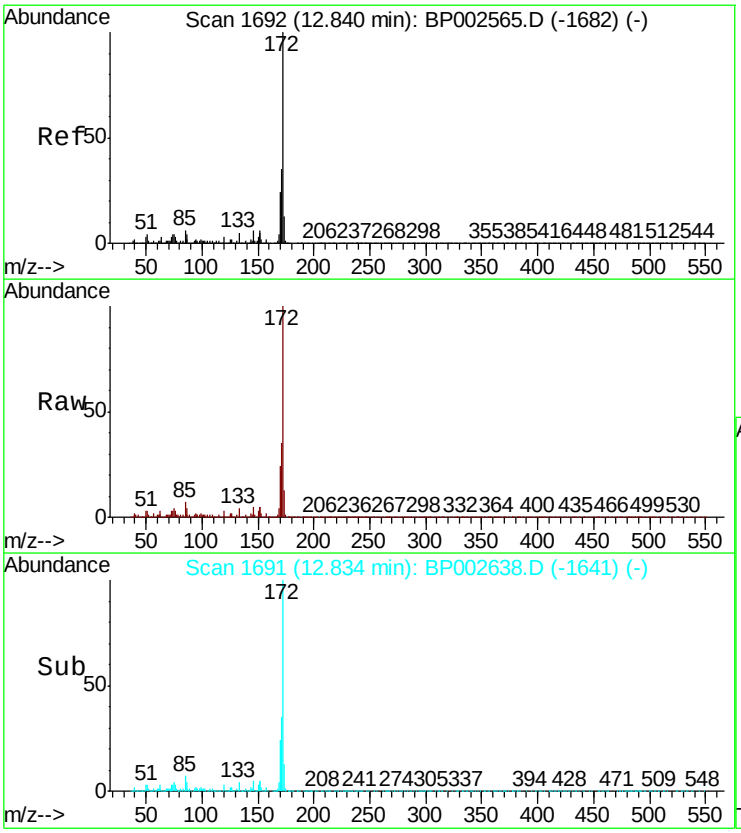
#42
2,4,6-Tribromophenol
Concen: 11.850 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:330 Resp: 66746

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.7	116.5
141	34.4	29.0	43.6

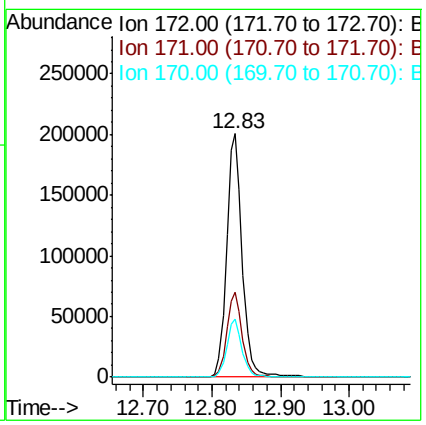


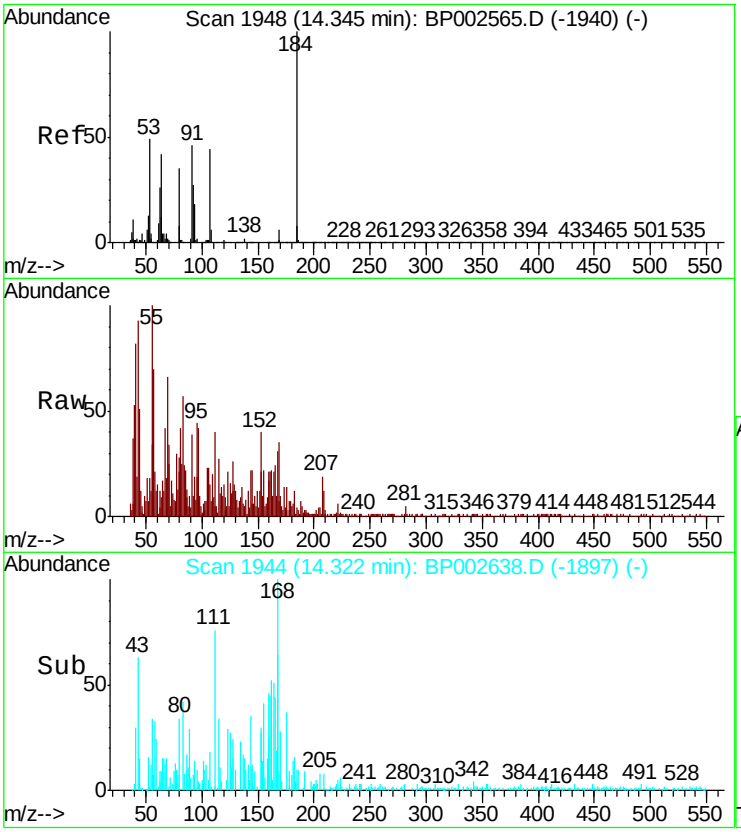


#45
2-Fluorobiphenyl
Concen: 10.101 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:172 Resp: 317827

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	24.0	19.0	28.4



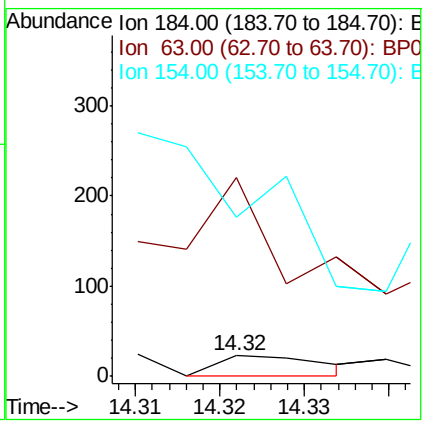


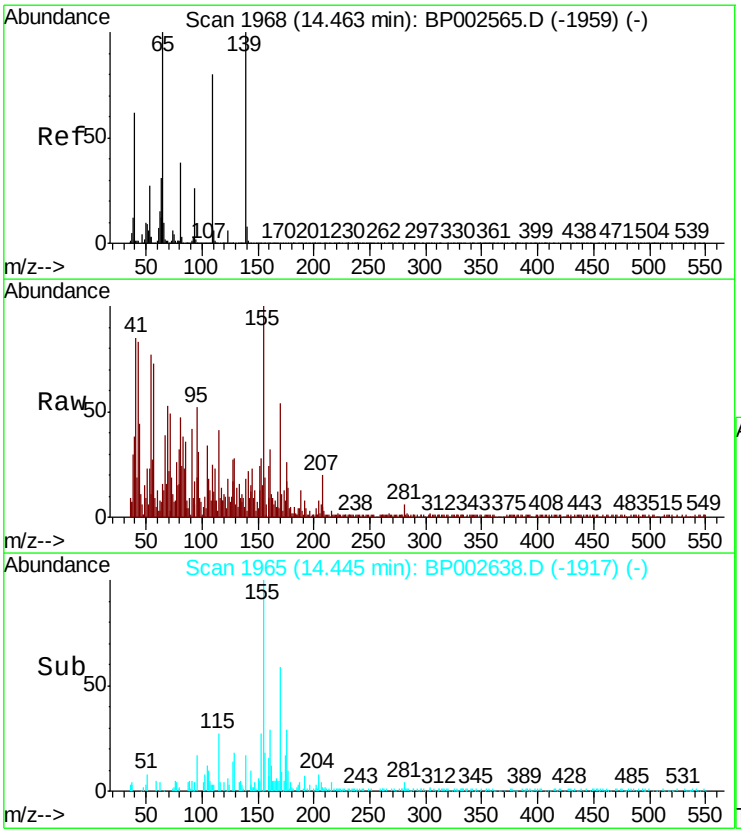
#54
2,4-Dinitrophenol
Concen: 6.013 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:184 Resp: 20

Ion	Ratio	Lower	Upper
184	100		
63	956.5	56.2	84.2#
154	765.2	50.9	76.3#

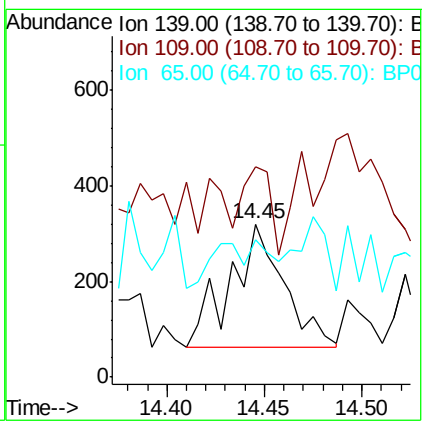


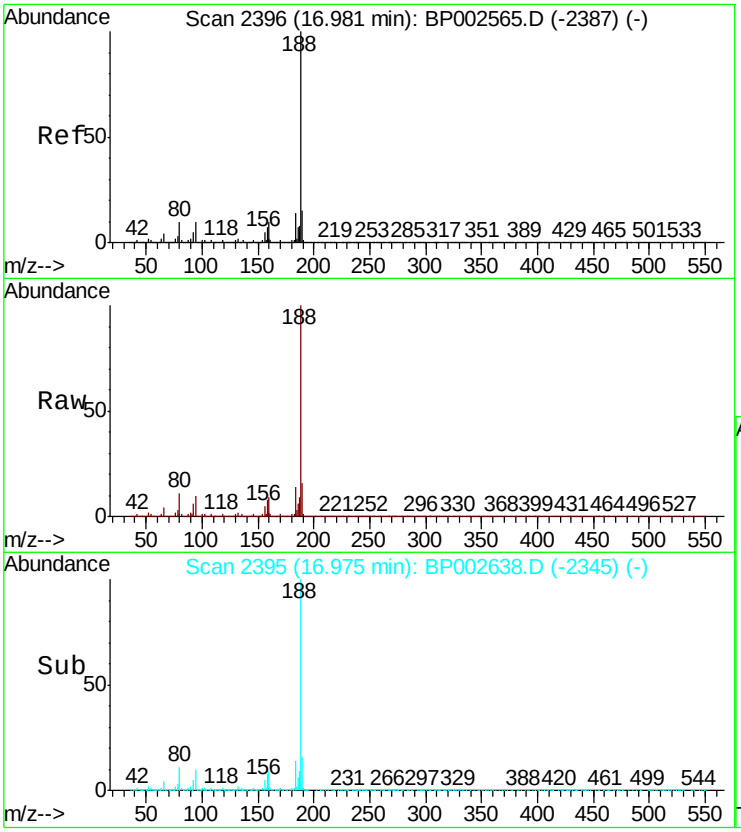


#56
4-Nitrophenol
Concen: 2.506 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:139 Resp: 490

Ion	Ratio	Lower	Upper
139	100		
109	137.2	60.1	100.1#
65	89.7	80.3	120.3



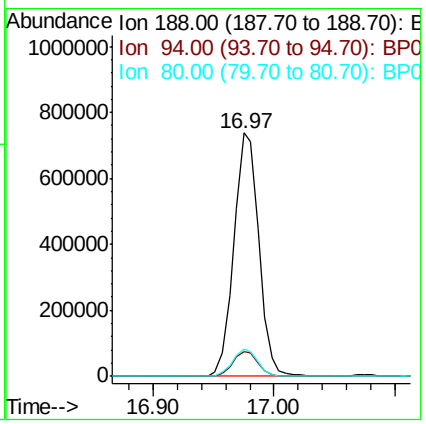


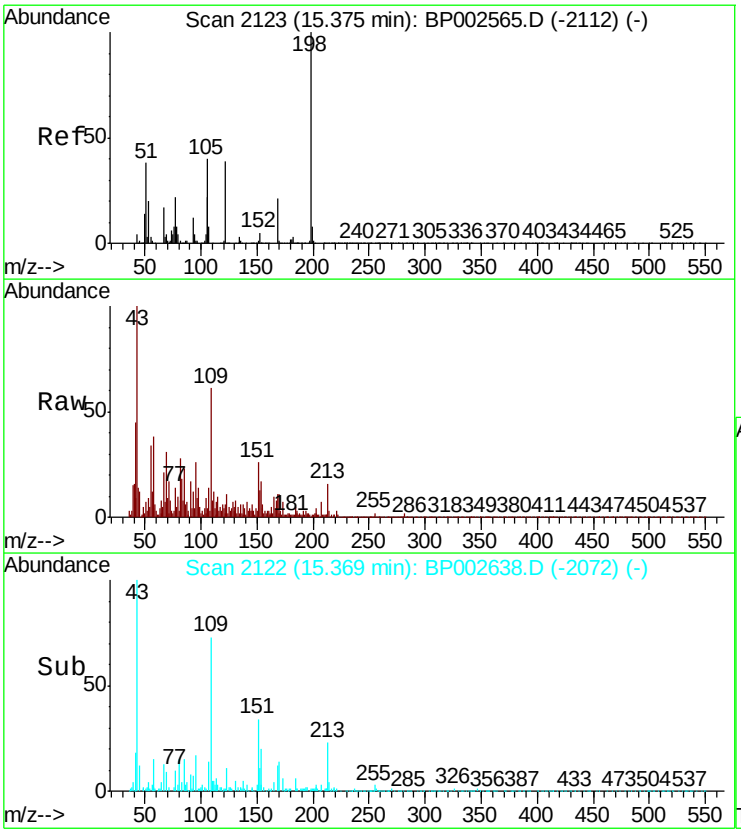
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:188 Resp: 1067760

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.6
80	11.1	8.2	12.4

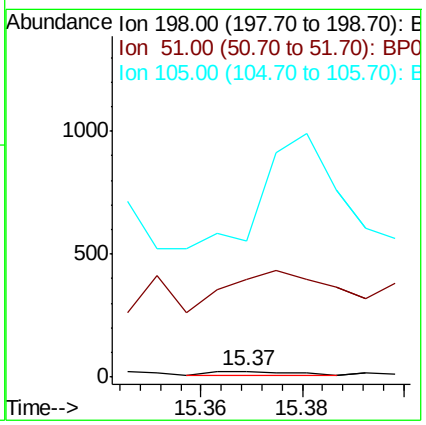


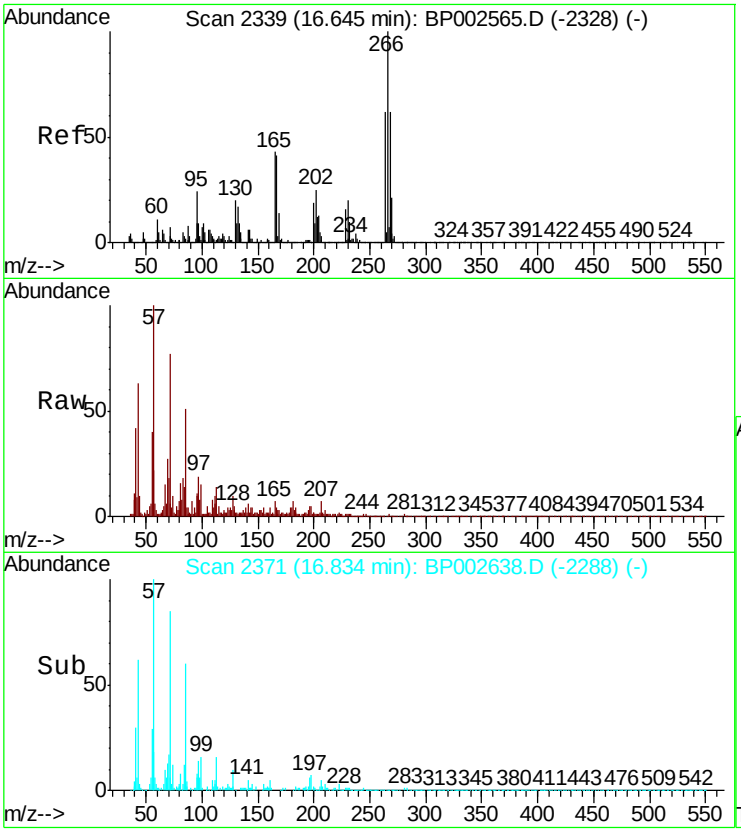


#65
4,6-Dinitro-2-methylphenol
Concen: 2.712 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:198 Resp: 19

Ion	Ratio	Lower	Upper
198	100		
51	1717.4	24.2	64.2#
105	2400.0	20.7	60.7#



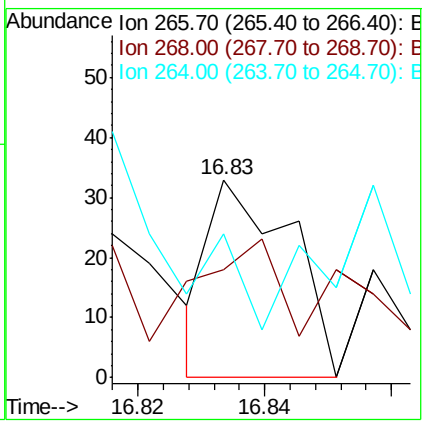


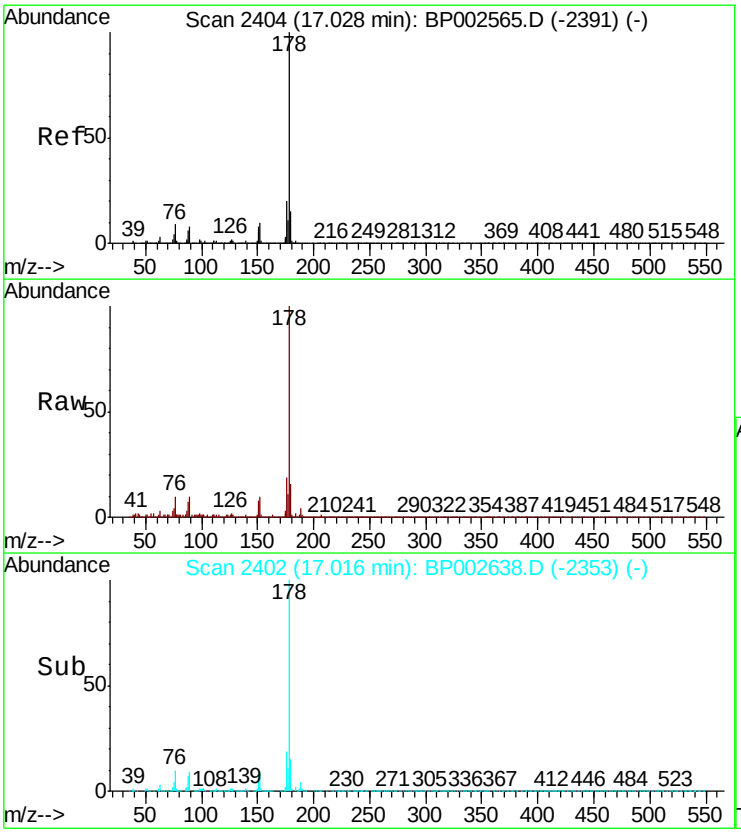
#70
Pentachlorophenol
Concen: 2.666 ng
RT: 16.83 min Scan# 2371
Delta R.T. 0.19 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
268	54.5	49.7	74.5
264	72.7	49.3	73.9

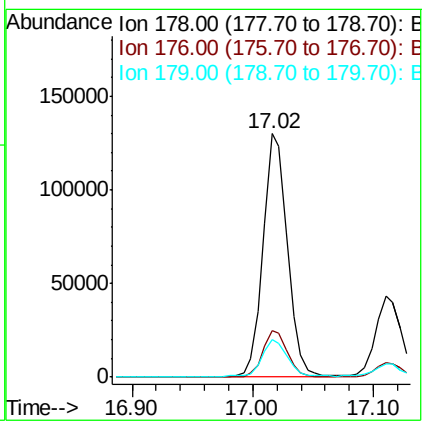


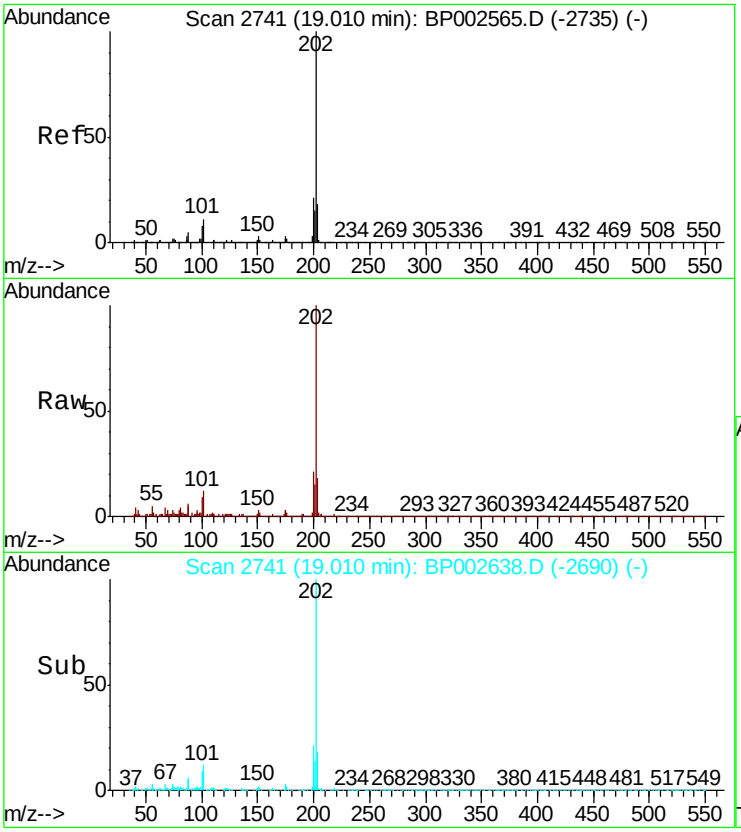


#71
Phenanthrene
Concen: 3.150 ng
RT: 17.02 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:178 Resp: 180948

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.6	12.1	18.1



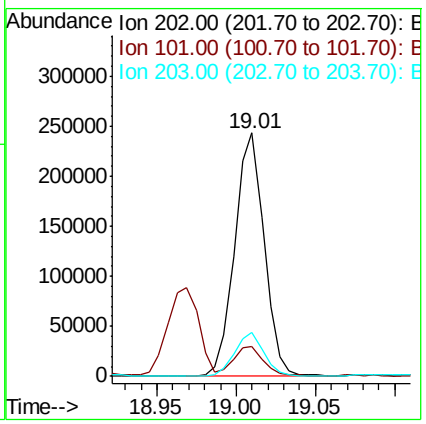


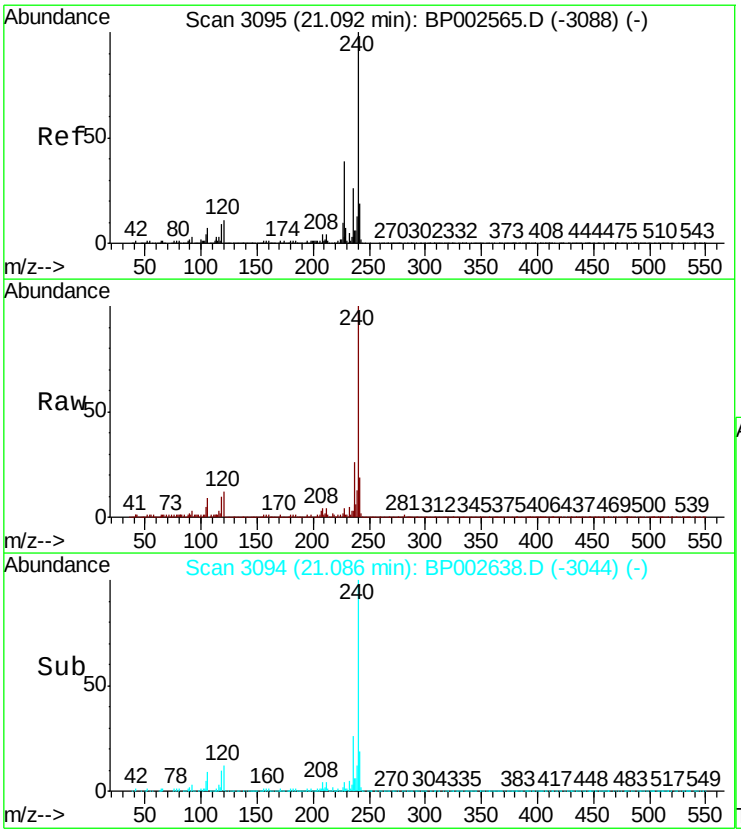
#75
Fluoranthene
Concen: 4.485 ng
RT: 19.01 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:202 Resp: 311893

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.6
203	17.9	0.0	37.7

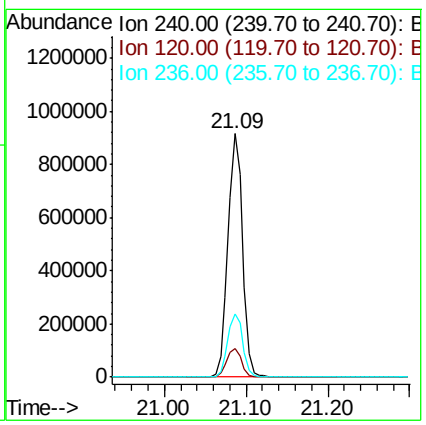


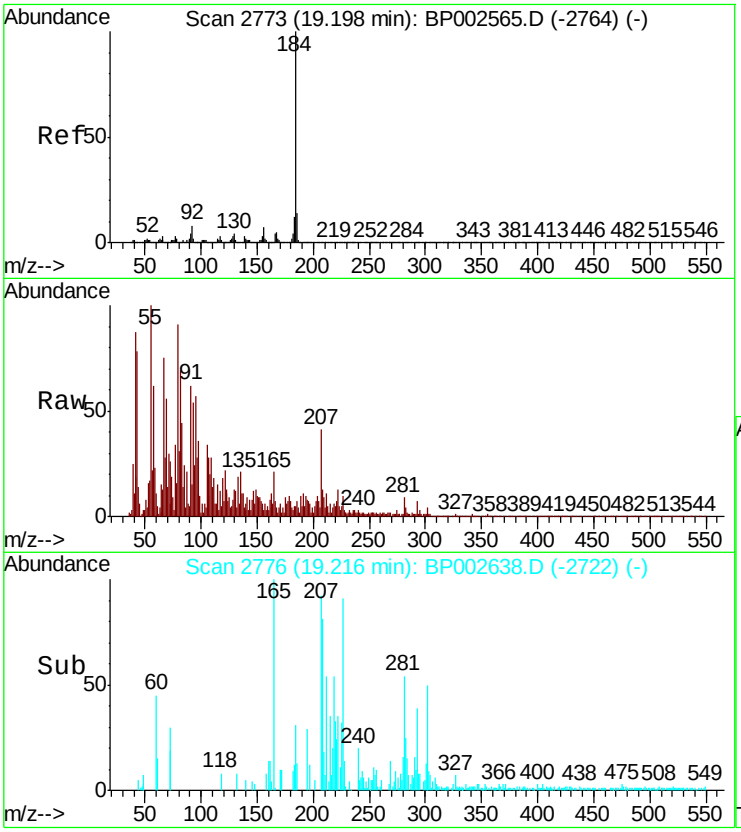


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:240 Resp: 1135453

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.6	13.0
236	26.0	20.8	31.2



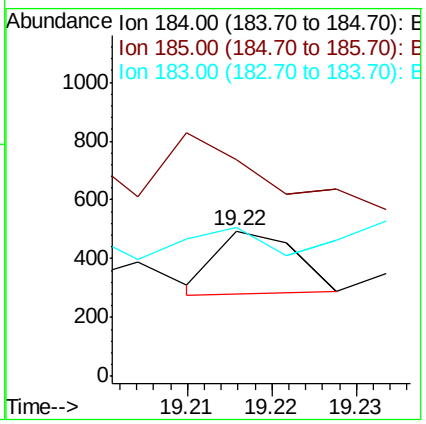


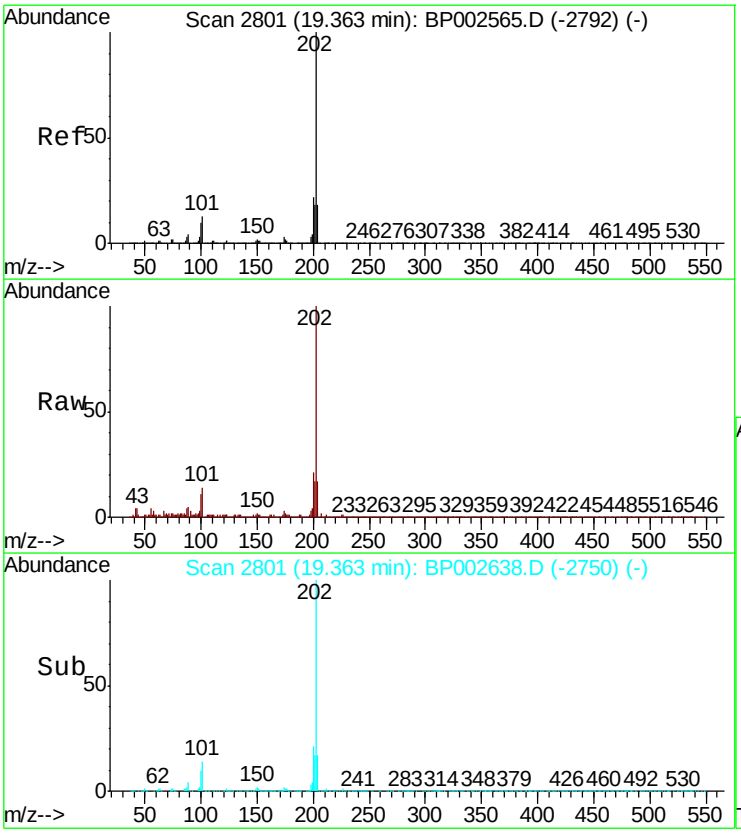
#77
Benzidine
Concen: 3.759 ng
RT: 19.22 min Scan# 2776
Delta R.T. 0.02 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:184 Resp: 137

Ion	Ratio	Lower	Upper
184	100		
185	148.7	11.4	17.2#
183	102.4	9.2	13.8#

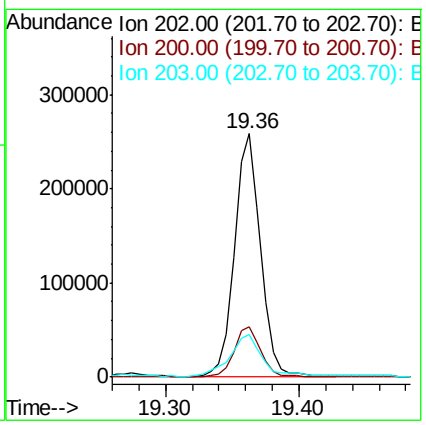


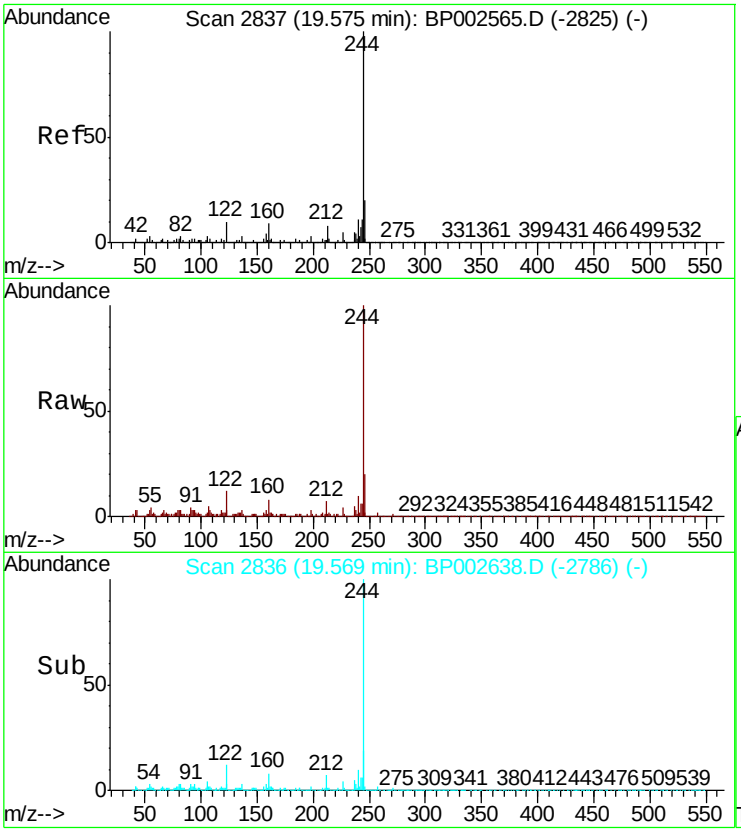


#78
Pyrene
Concen: 4.464 ng
RT: 19.36 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:202 Resp: 345021

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.3	14.4	21.6



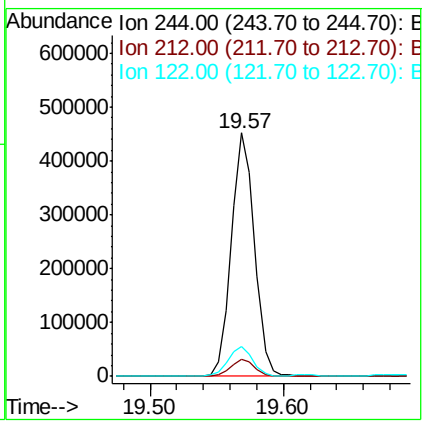


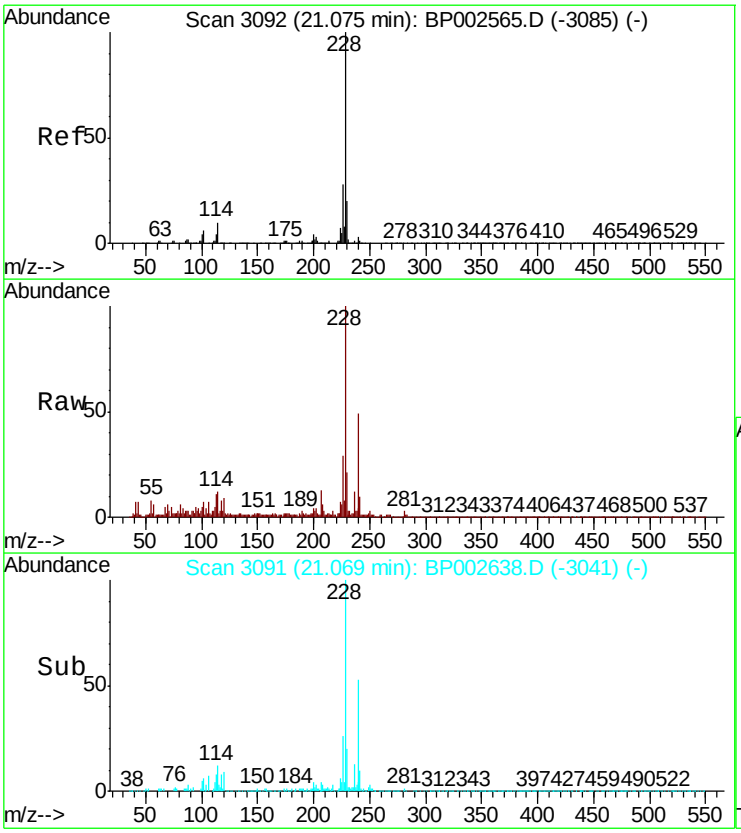
#79
Terphenyl-d14
Concen: 10.408 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:244 Resp: 547507

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	12.3	7.9	11.9#

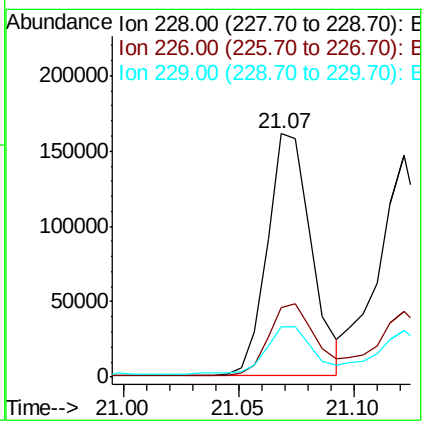


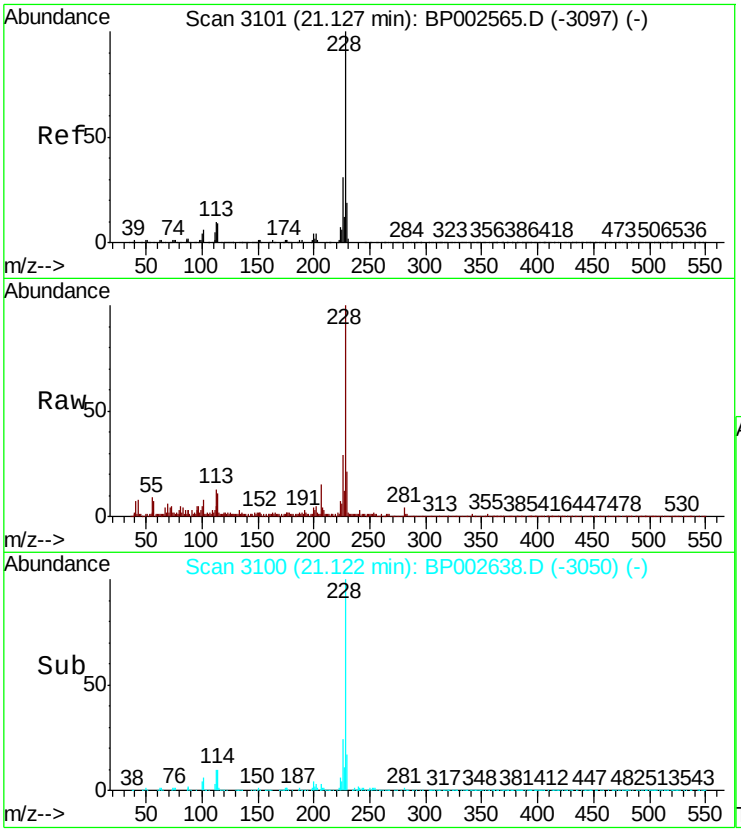


#81
Benzo(a)anthracene
Concen: 2.860 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:228 Resp: 212309

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	20.7	16.4	24.6



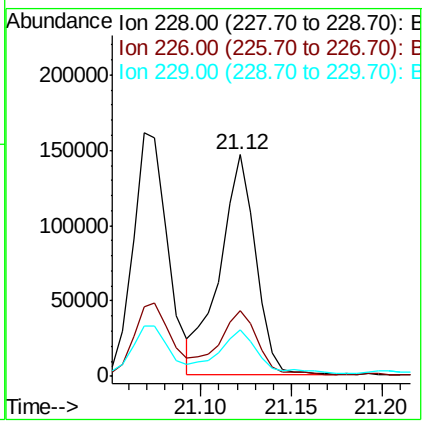


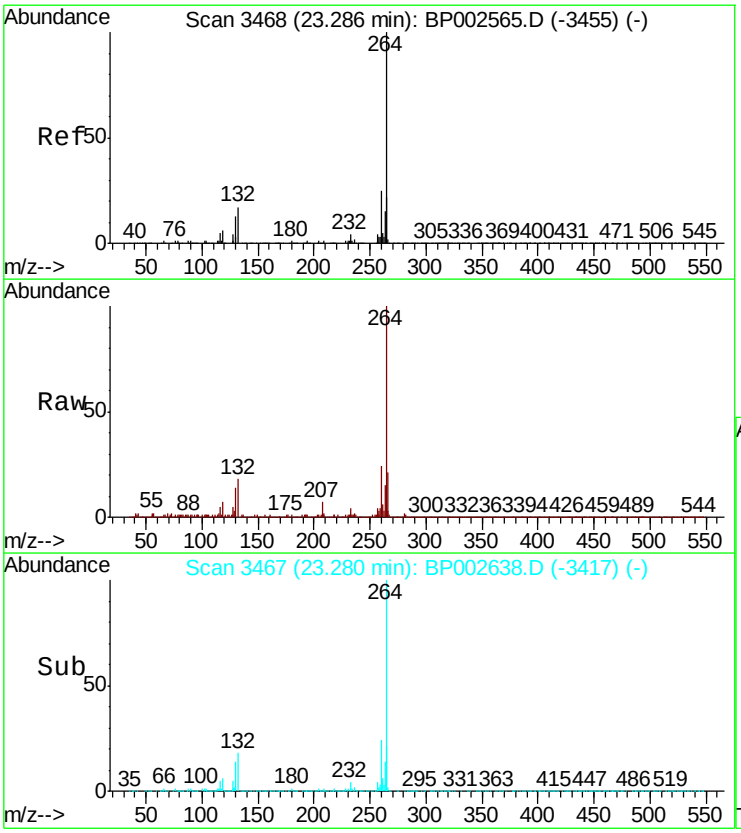
#83
Chrysene
Concen: 2.835 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:228 Resp: 201786

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	21.2	15.6	23.4

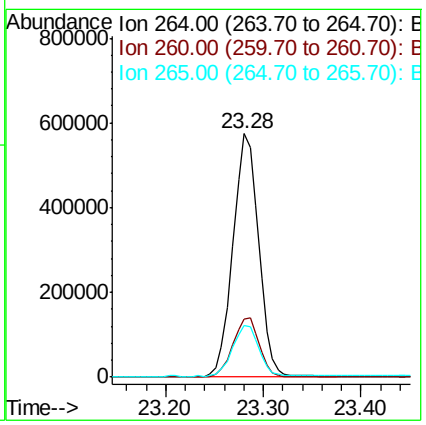


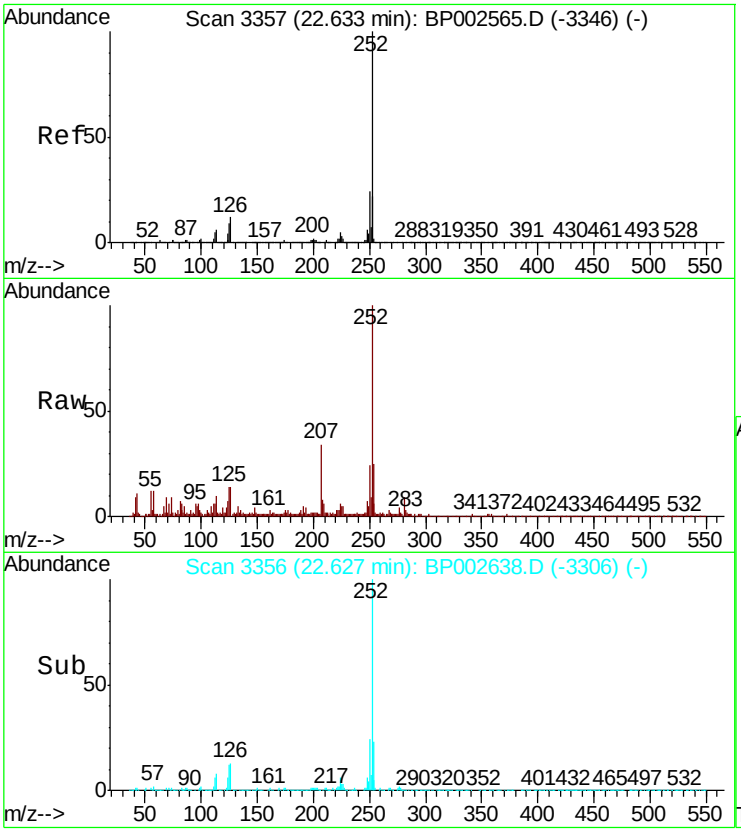


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:264 Resp: 1052989

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.2	17.6	26.4



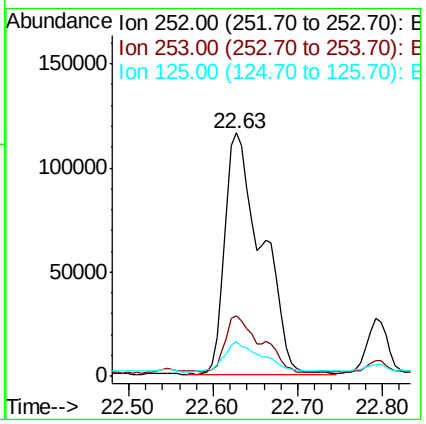


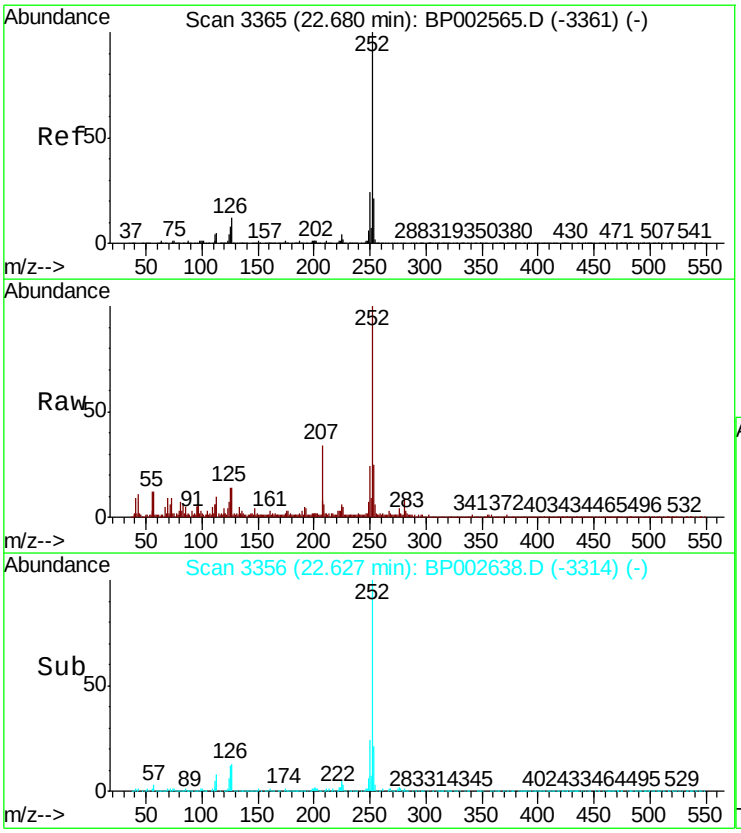
#88
Benzo(b)fluoranthene
Concen: 5.205 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:252 Resp: 349714

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	14.3	7.4	11.2#

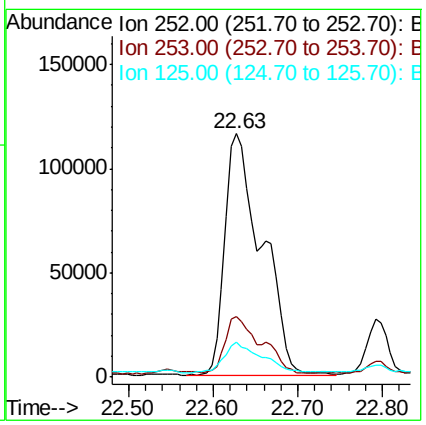


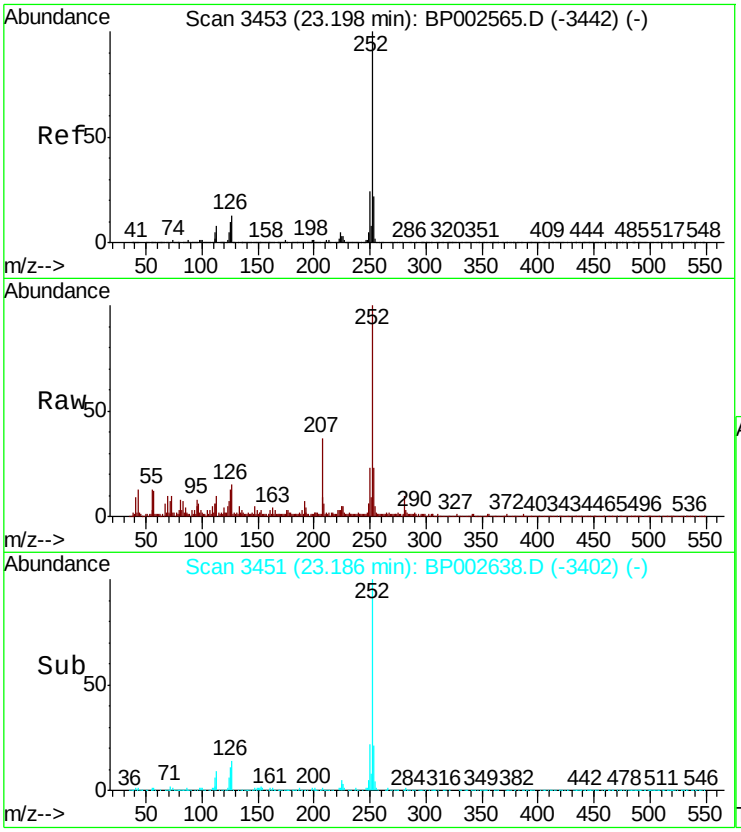


#89
Benzo(k)fluoranthene
Concen: 5.579 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Tgt Ion:252 Resp: 349714

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.0
125	14.3	6.9	10.3#





#90
Benzo(a)pyrene
Concen: 3.120 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002638.D
Acq: 02 Jul 2020 19:21

Instrument :
BNA_P
ClientSampleId :
TR-04-070120

Tgt Ion:252 Resp: 192404

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	13.3	7.8	11.8#