Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\

Quantitation Report (Not Reviewed)

Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MC-010220-2-5-COMP-B7

Quant Time: Jan 04 04:01:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 15:57:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	63861	20.00	ng		-0.01
21) Naphthalene-d8	10.47	136	232761	20.00	ng		-0.01
39) Acenaphthene-d10	14.33	164	147138	20.00	ng		-0.01
64) Phenanthrene-d10	17.09	188	326795	20.00	ng		-0.01
76) Chrysene-d12	21.19	240	295355	20.00	ng		-0.01
87) Perylene-d12	23.44	264	329884	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	60513	15.92	ng		0.02
7) Phenol-d6	6.90	99	86285	16.85	ng		0.02
23) Nitrobenzene-d5	8.84	82	55528	11.78	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	27291	16.39	ng		-0.01
45) 2-Fluorobiphenyl	12.95	172	119050	11.90	ng		-0.02
79) Terphenyl-d14	19.67	244	189305	12.77	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.82	77	25	Below Cal		#	15
31) Naphthalene	10.52	128	51698	4.223	ng		99
32) Benzoic acid	9.79	122	120	7.815	ng	#	36
49) Acenaphthylene	14.05	152	57213	4.130	ng		99
52) Acenaphthene	14.39	154	75855	8.725	ng		97
54) 2,4-Dinitrophenol	14.43	184	2	6.451	ng	#	1
55) Dibenzofuran	14.73	168	84186	6.322	ng		98
56) 4-Nitrophenol	14.73	139	32158	16.856	ng	#	1
58) Fluorene	15.39	166	103178	10.172	ng		94
65) 4,6-Dinitro-2-methylphenol	15.46	198	24	5.887	ng	#	1
71) Phenanthrene	17.13	178	1333147	75.214	ng		98
72) Anthracene	17.22	178	371373	21.140	ng		99
73) Carbazole	17.50	167	119608	7.358	ng		100
75) Fluoranthene	19.12	202	2113779	98.514	ng		96
78) Pyrene	19.47	202	2030000	94.716	ng		99
81) Benzo(a)anthracene	21.17	228	867232	41.847	ng		95
83) Chrysene	21.23	228	785497	39.530	ng		97
86) Indeno(1,2,3-cd)pyrene	25.73	276	546834	22.611	ng	#	92
88) Benzo(b)fluoranthene	22.77	252	1068071	52.290	ng	#	96
89) Benzo(k)fluoranthene	22.77	252	1068071	54.589	ng		96
90) Benzo(a)pyrene	23.25	252	515783	26.976	ng		97
91) Dibenzo(a,h)anthracene	25.74	278	124338	6.543	ng	#	81
92) Benzo(g,h,i)perylene	26.43	276	555388	29.303	ng	#	95

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

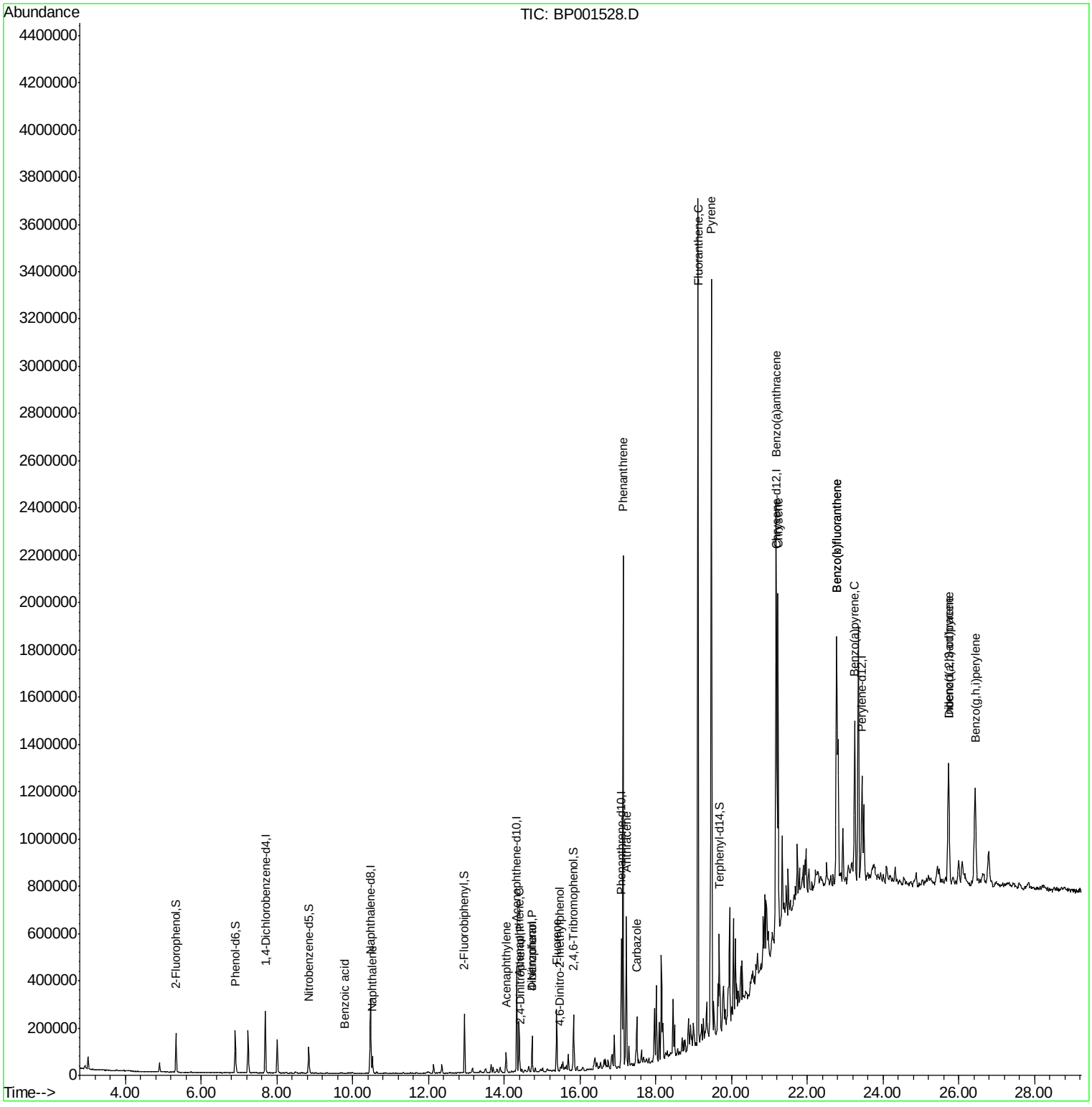
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010320\

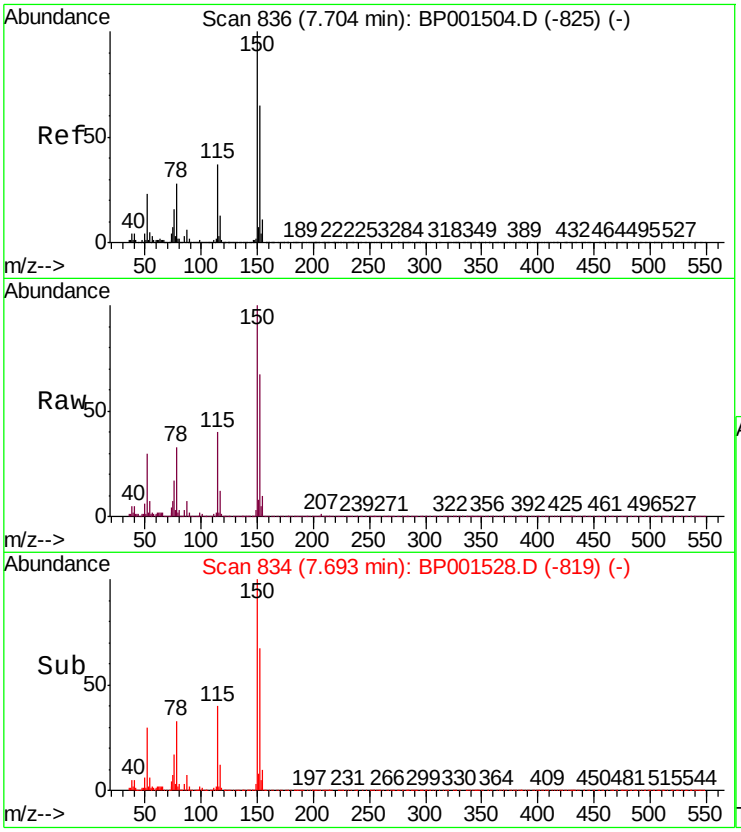
Quantitation Report (Not Reviewed)

Data File : BP001528.D
Acq On : 04 Jan 2020 02:50
Operator : JU
Sample : L1011-08 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Quant Time: Jan 04 04:01:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 15:57:46 2020
Response via : Initial Calibration



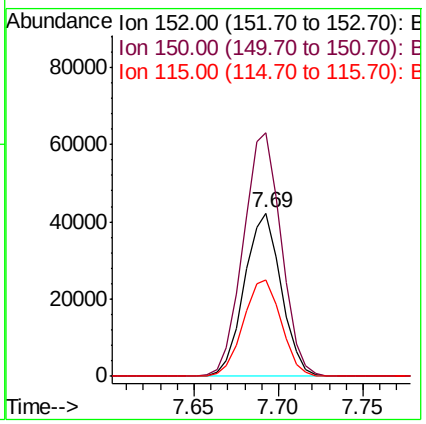


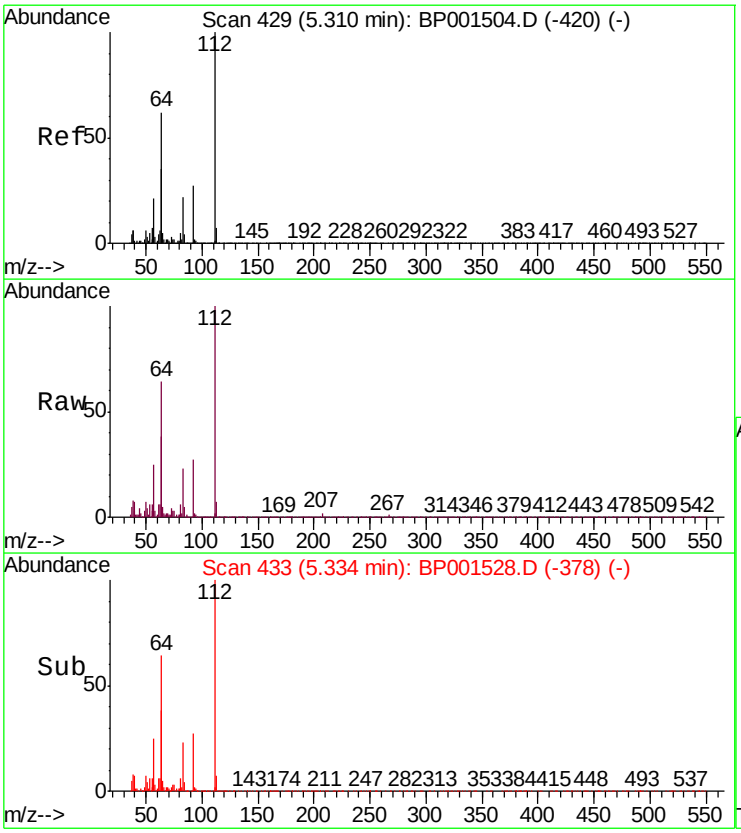
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 834
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:152 Resp: 63861

Ion	Ratio	Lower	Upper
152	100		
150	149.4	123.6	185.4
115	59.5	45.8	68.6

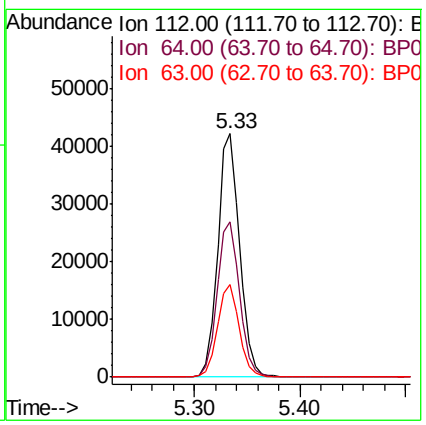


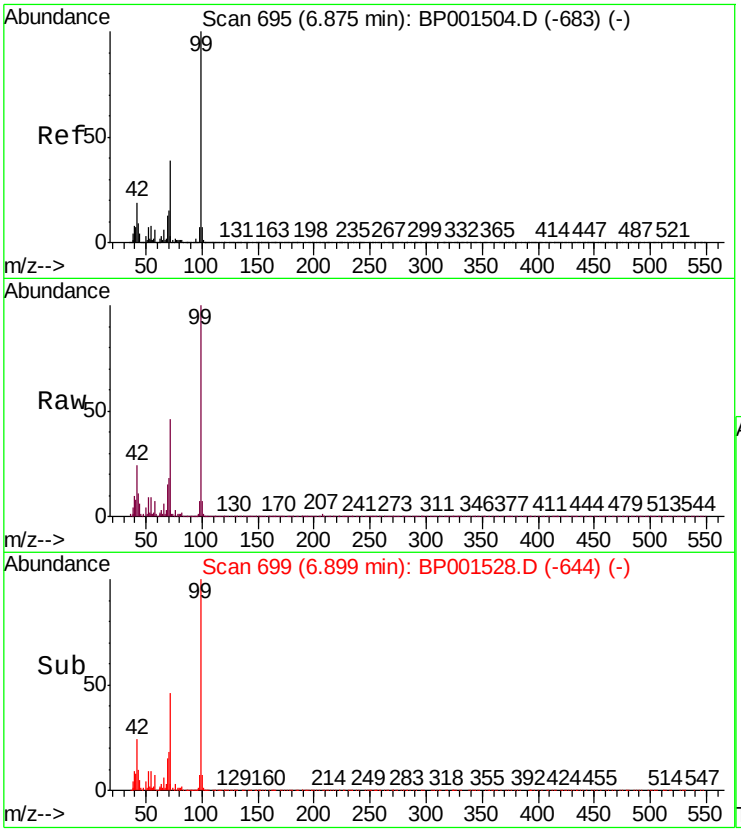


#5
2-Fluorophenol
Concen: 15.919 ng
RT: 5.33 min Scan# 433
Delta R.T. 0.02 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:112 Resp: 60513

Ion	Ratio	Lower	Upper
112	100		
64	63.9	49.7	74.5
63	37.8	28.1	42.1



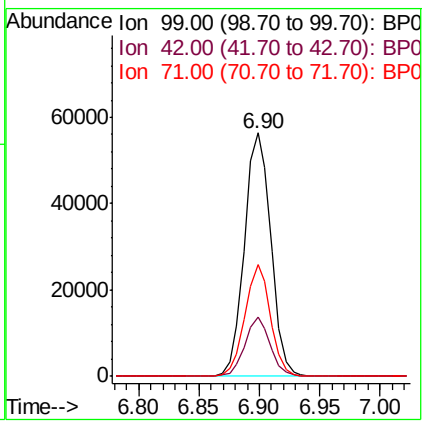


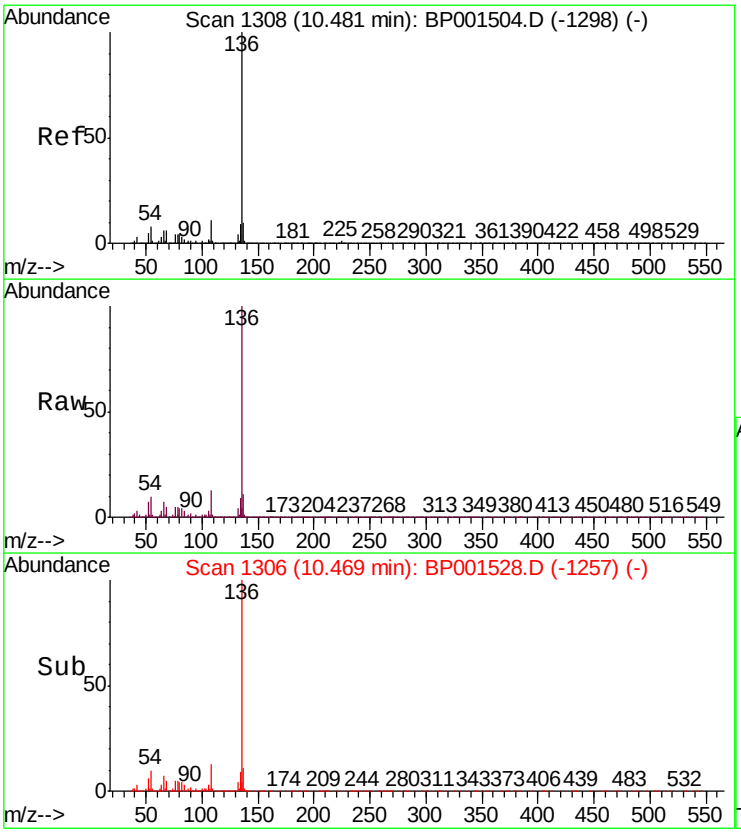
#7
Phenol-d6
Concen: 16.853 ng
RT: 6.90 min Scan# 699
Delta R.T. 0.02 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion: 99 Resp: 86285

Ion	Ratio	Lower	Upper
99	100		
42	24.4	15.3	22.9#
71	46.0	30.9	46.3

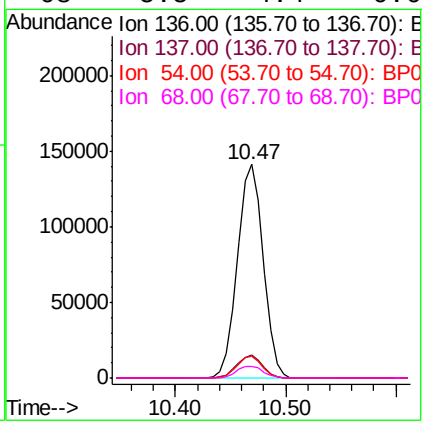


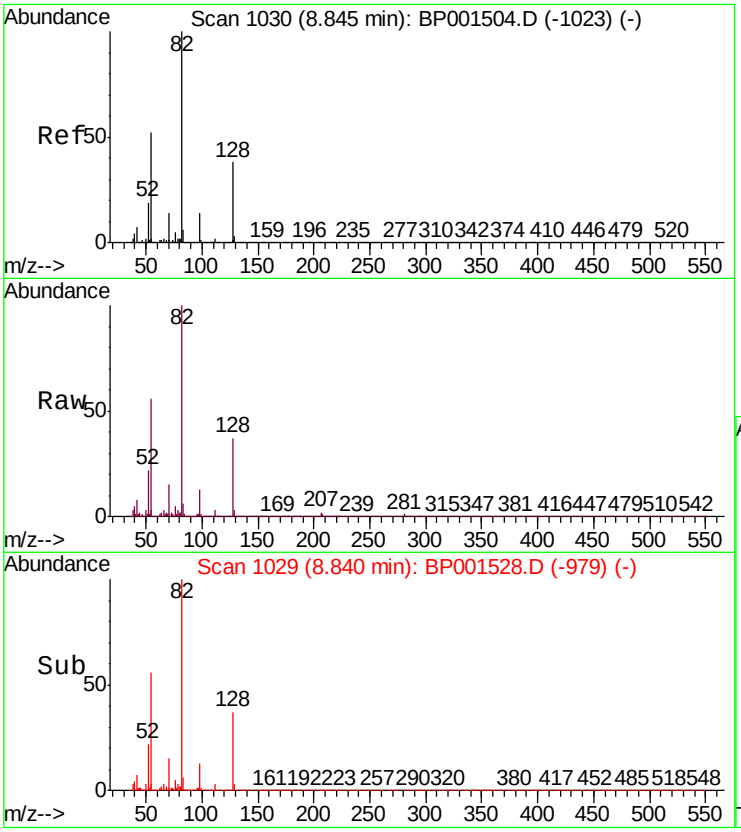


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:136 Resp: 232761

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	10.0	6.7	10.1
68	5.5	4.4	6.6



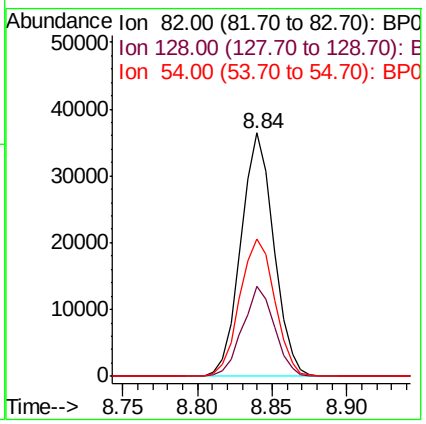


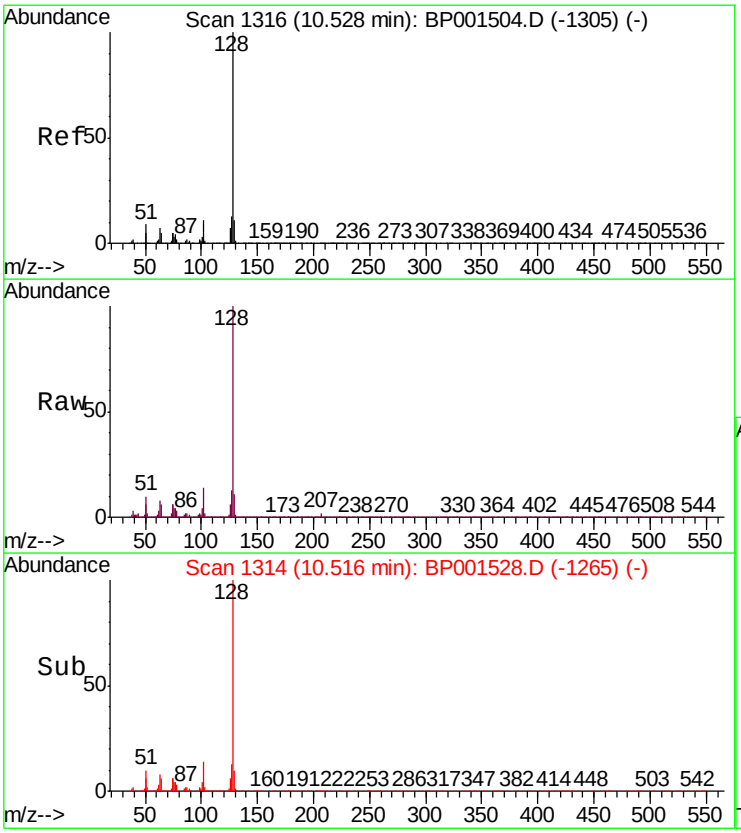
#23
Nitrobenzene-d5
Concen: 11.783 ng
RT: 8.84 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion: 82 Resp: 55528

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.1	45.1
54	56.3	41.8	62.6

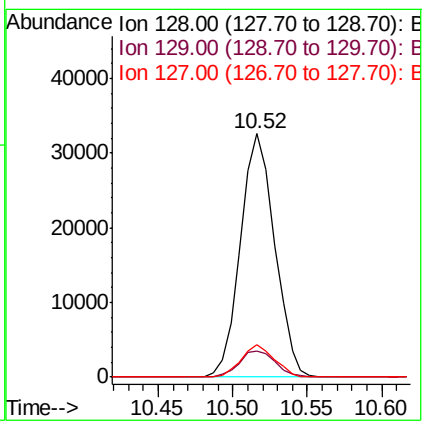


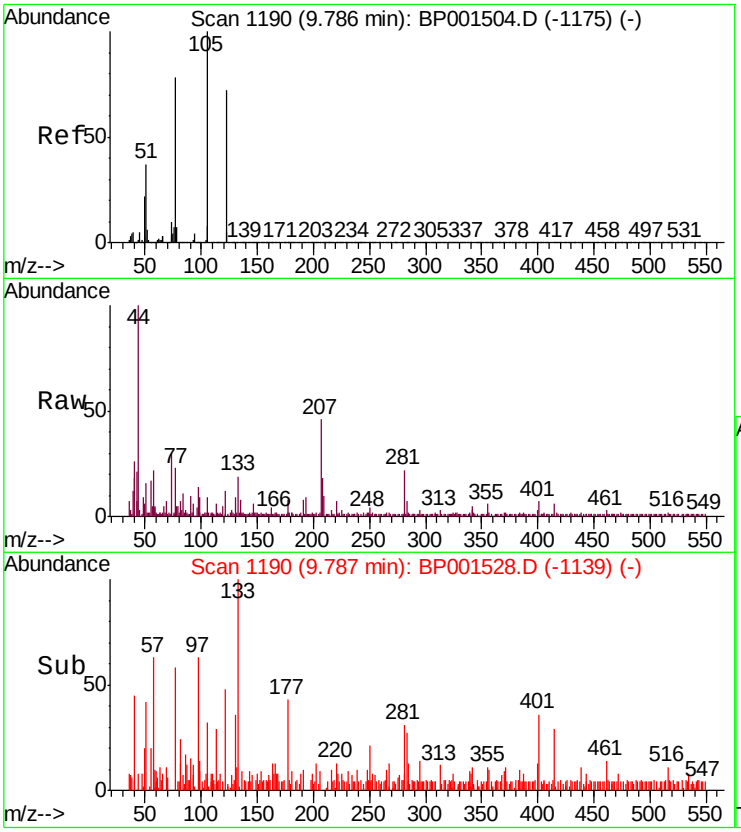


#31
Naphthalene
Concen: 4.223 ng
RT: 10.52 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:128 Resp: 51698

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	13.1	10.5	15.7



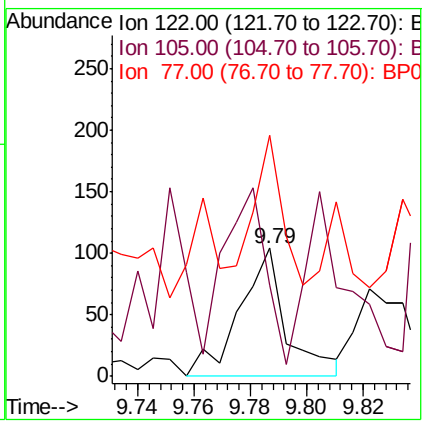


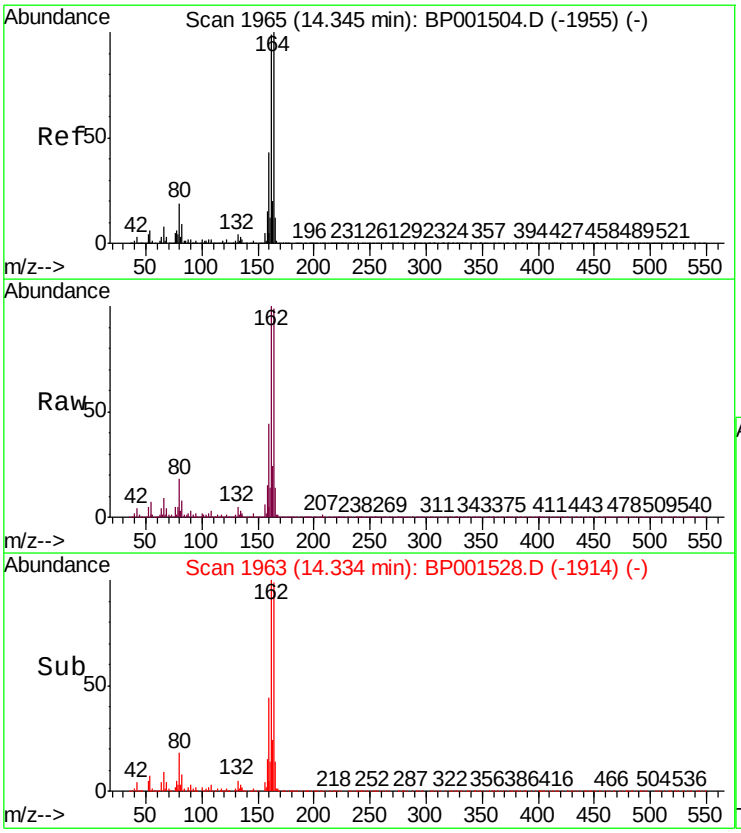
#32
Benzoic acid
Concen: 7.815 ng
RT: 9.79 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:122 Resp: 120

Ion	Ratio	Lower	Upper
122	100		
105	71.2	111.1	151.1#
77	188.5	85.9	125.9#

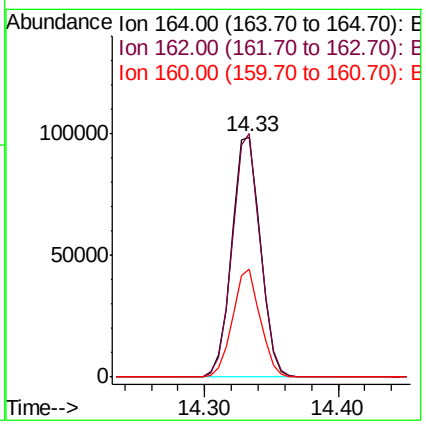


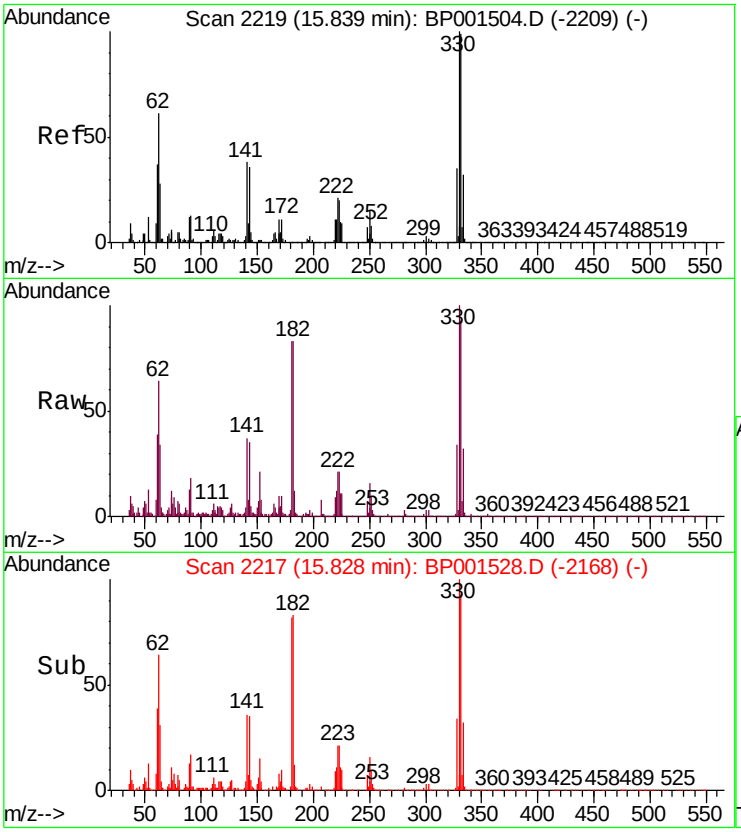


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:164 Resp: 147138

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.2	118.8
160	44.8	34.6	52.0



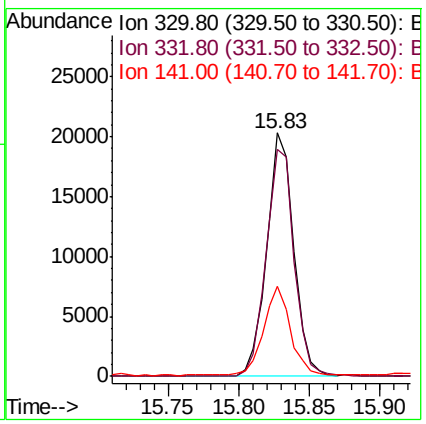


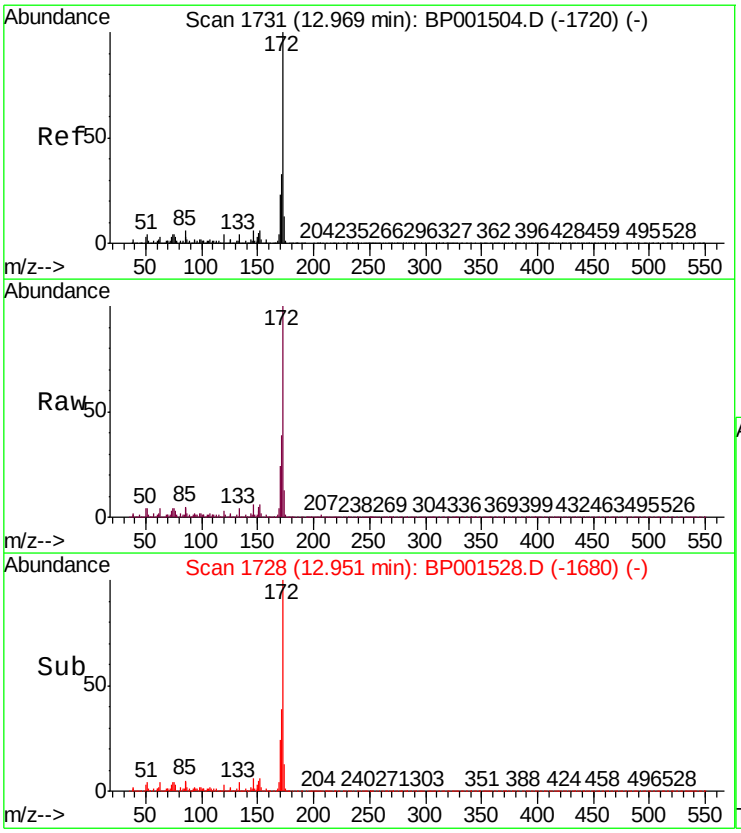
#42
2,4,6-Tribromophenol
Concen: 16.388 ng
RT: 15.83 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:330 Resp: 27291

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.2
141	37.7	30.3	45.5

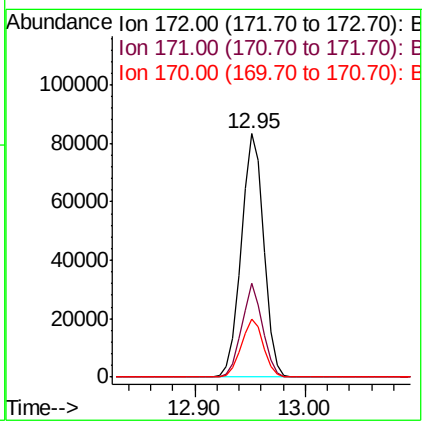


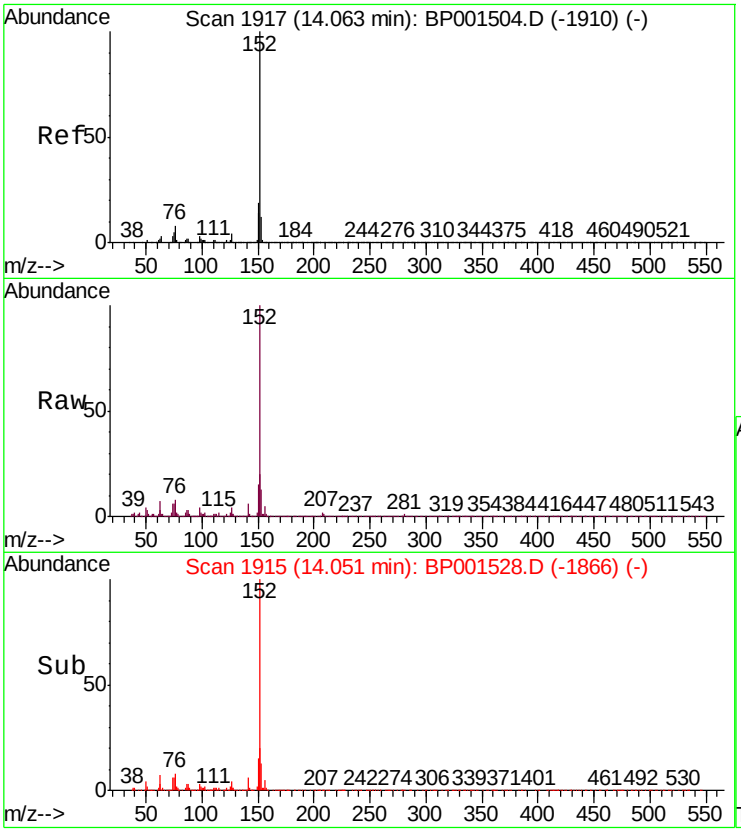


#45
2-Fluorobiphenyl
Concen: 11.897 ng
RT: 12.95 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:172 Resp: 119050

Ion	Ratio	Lower	Upper
172	100		
171	38.7	26.7	40.1
170	23.8	18.7	28.1



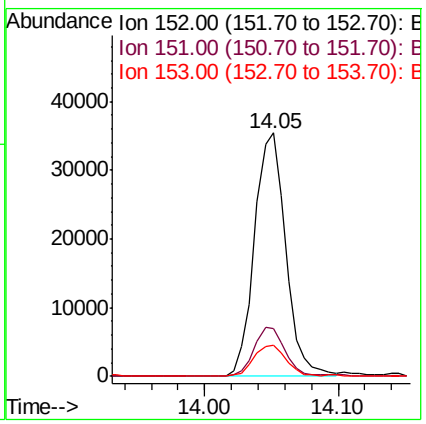


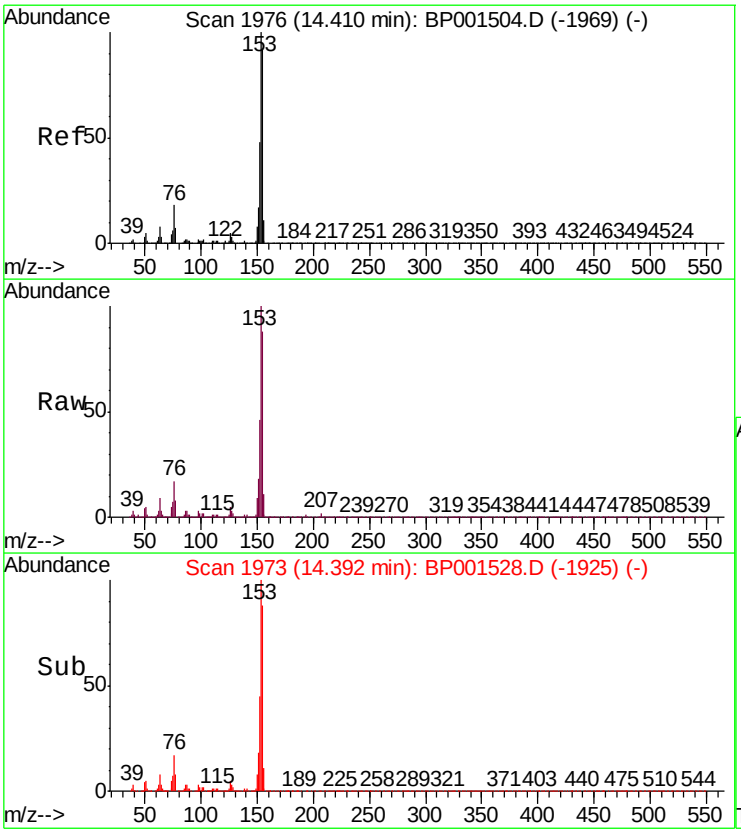
#49
Acenaphthylene
Concen: 4.130 ng
RT: 14.05 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:152 Resp: 57213

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.2	22.8
153	12.7	9.9	14.9

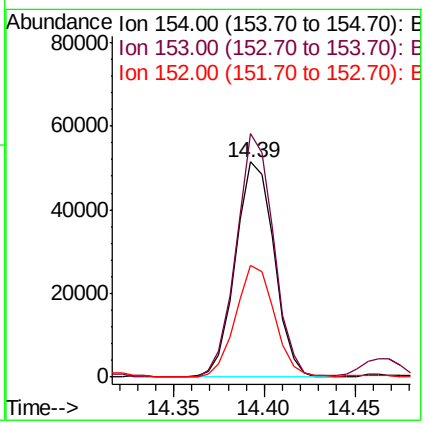


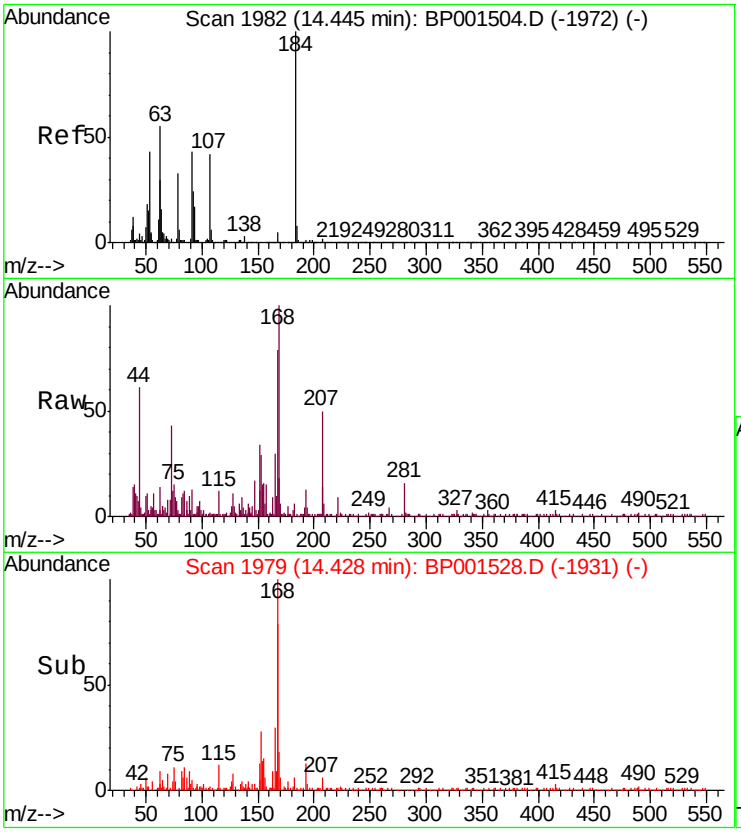


#52
Acenaphthene
Concen: 8.725 ng
RT: 14.39 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:154 Resp: 75855

Ion	Ratio	Lower	Upper
154	100		
153	113.3	87.3	130.9
152	52.3	41.5	62.3



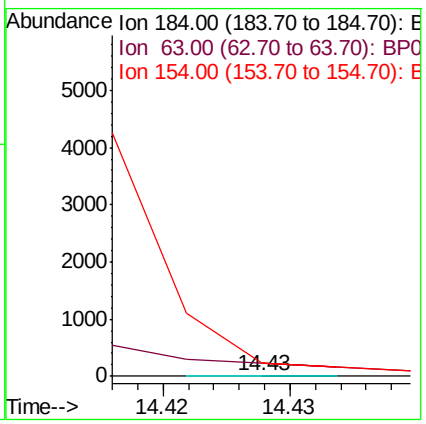


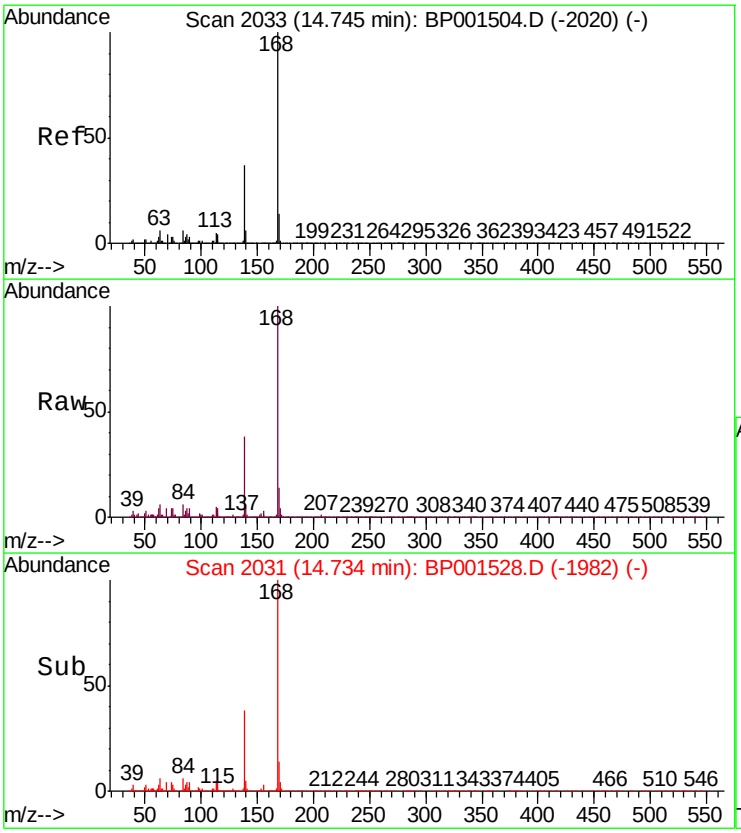
#54
2,4-Dinitrophenol
Concen: 6.451 ng
RT: 14.43 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:184 Resp: 2

Ion	Ratio	Lower	Upper
184	100		
63	3214.3	50.0	75.0#
154	3371.4	49.2	73.8#

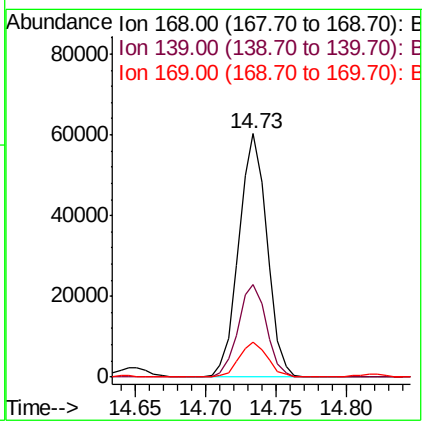


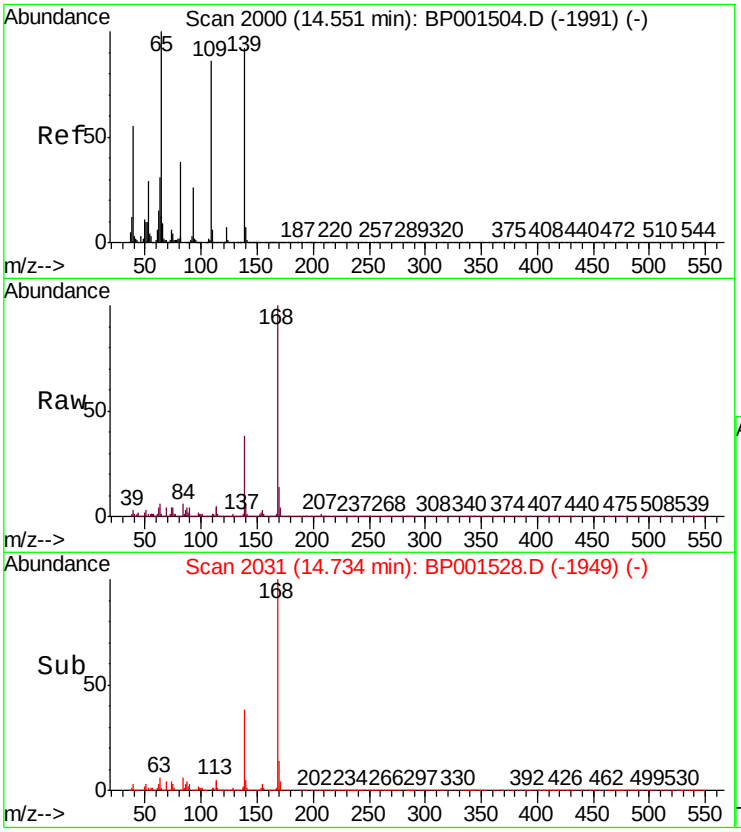


#55
Dibenzofuran
Concen: 6.322 ng
RT: 14.73 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:168 Resp: 84186

Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.8	44.6
169	14.4	10.9	16.3



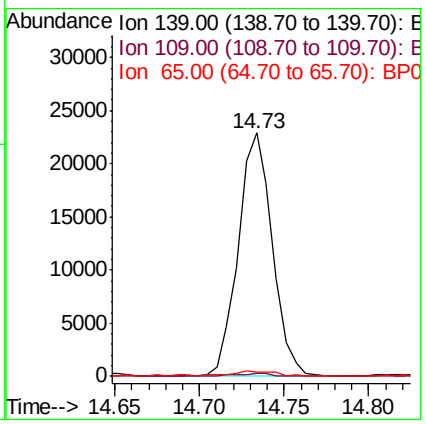


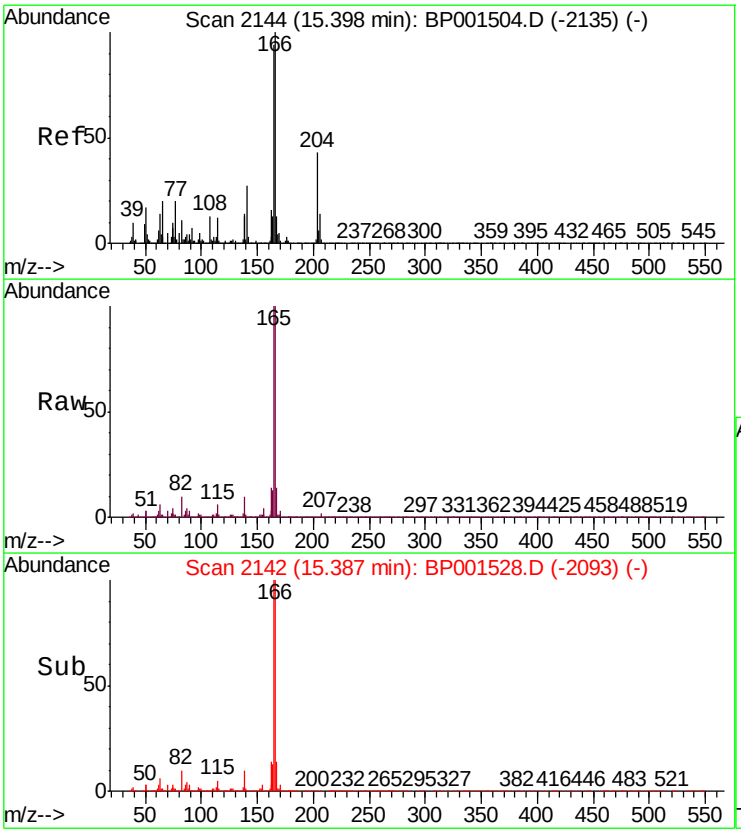
#56
4-Nitrophenol
Concen: 16.856 ng
RT: 14.73 min Scan# 2031
Delta R.T. 0.18 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:139 Resp: 32158

Ion	Ratio	Lower	Upper
139	100		
109	1.2	72.8	112.8#
65	1.9	88.5	128.5#

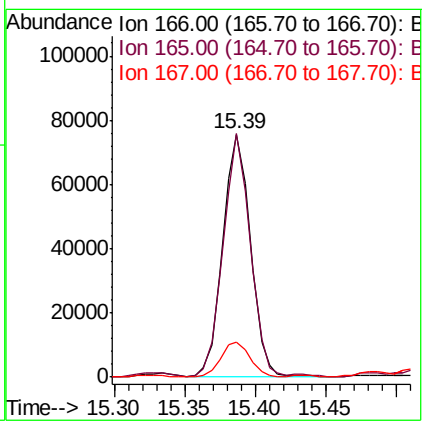


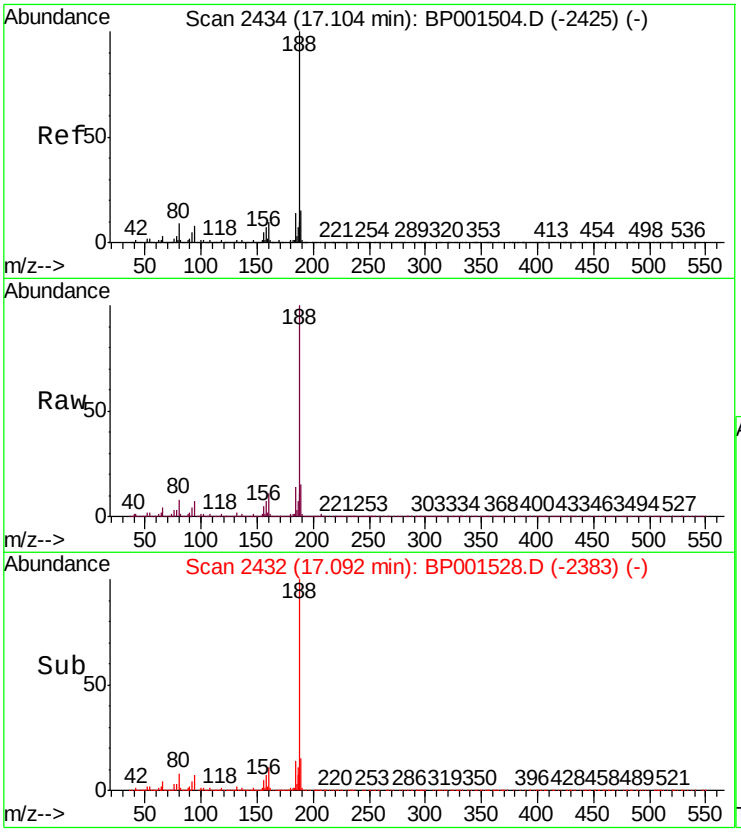


#58
Fluorene
Concen: 10.172 ng
RT: 15.39 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:166 Resp: 103178

Ion	Ratio	Lower	Upper
166	100		
165	100.3	75.3	112.9
167	14.3	10.7	16.1



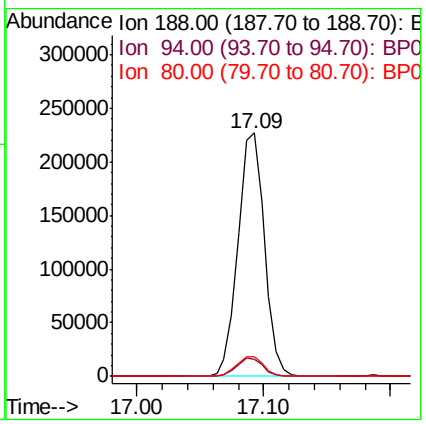


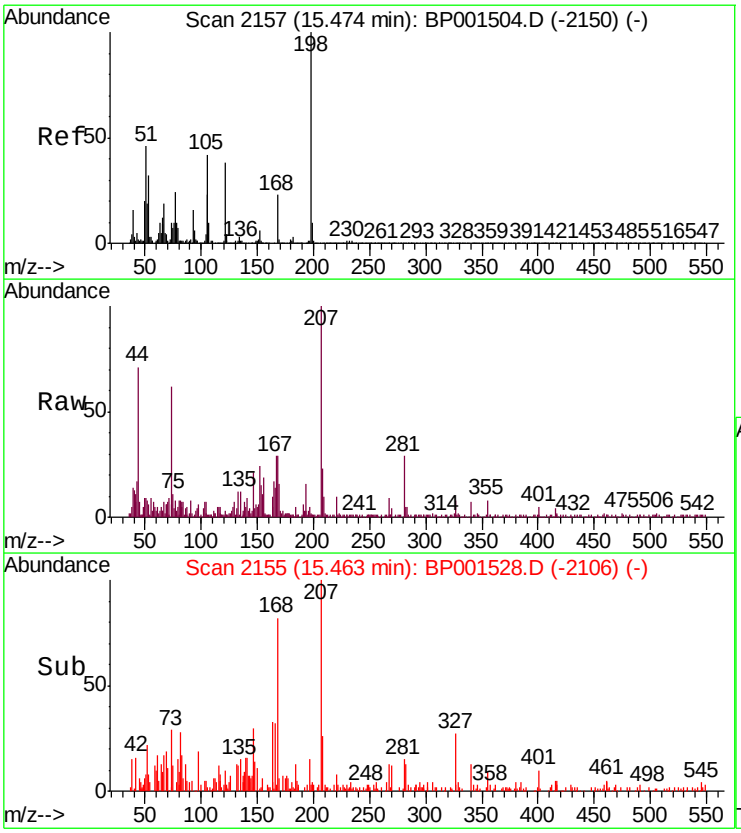
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:188 Resp: 326795

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.5	9.7
80	8.2	7.3	10.9

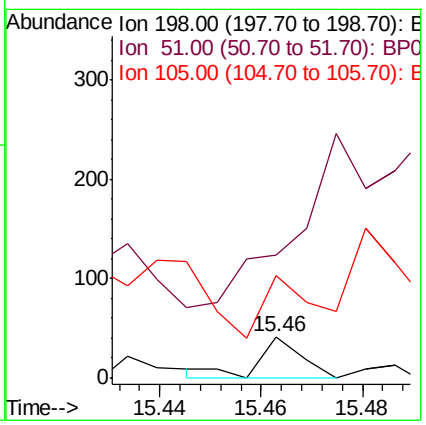


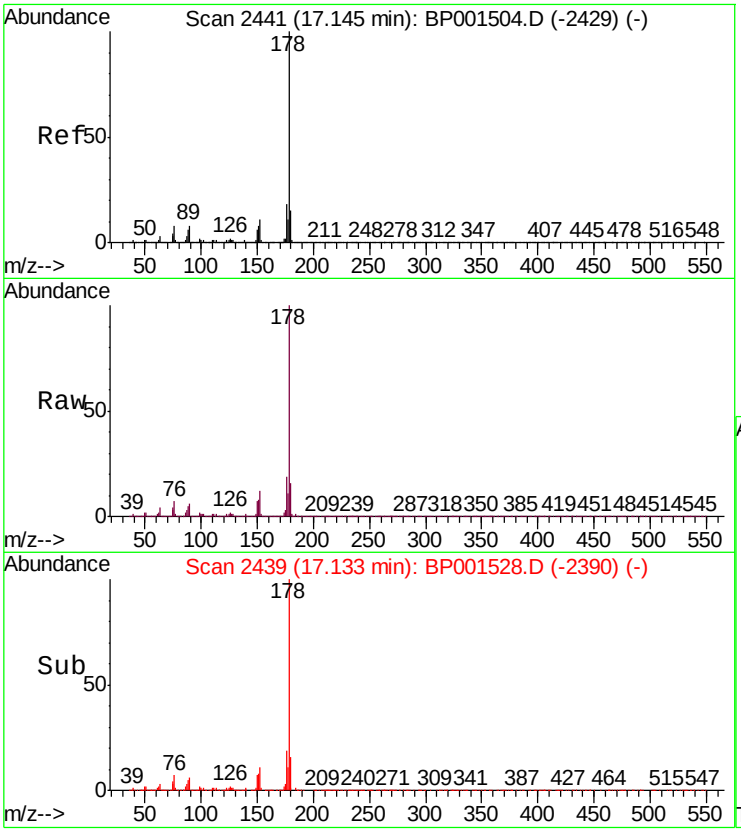


#65
4,6-Dinitro-2-methylphenol
Concen: 5.887 ng
RT: 15.46 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:198 Resp: 24

Ion	Ratio	Lower	Upper
198	100		
51	302.4	26.9	66.9#
105	251.2	22.5	62.5#



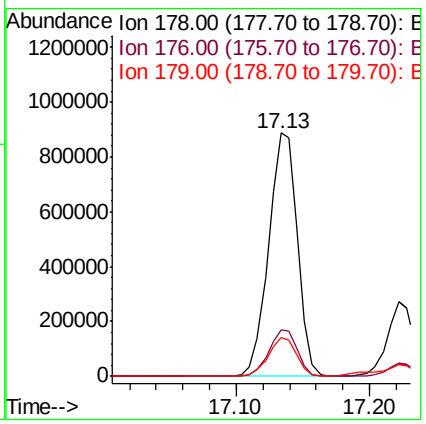


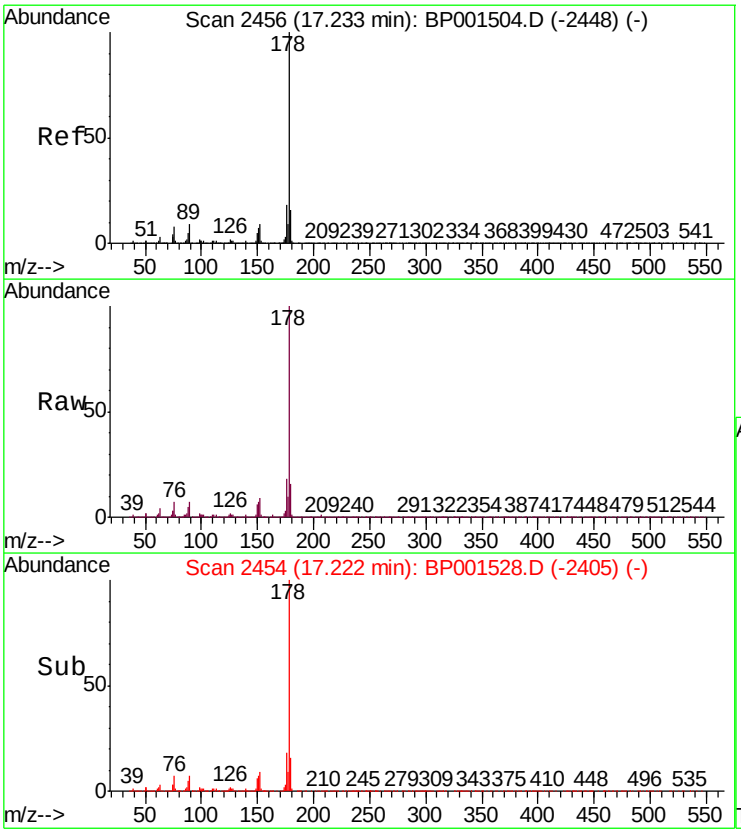
#71
Phenanthrene
Concen: 75.214 ng
RT: 17.13 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:178 Resp: 1333147

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	15.8	12.3	18.5

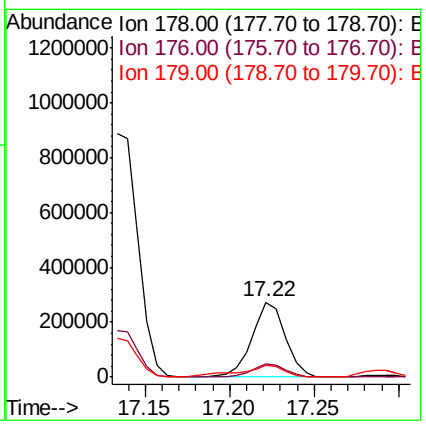


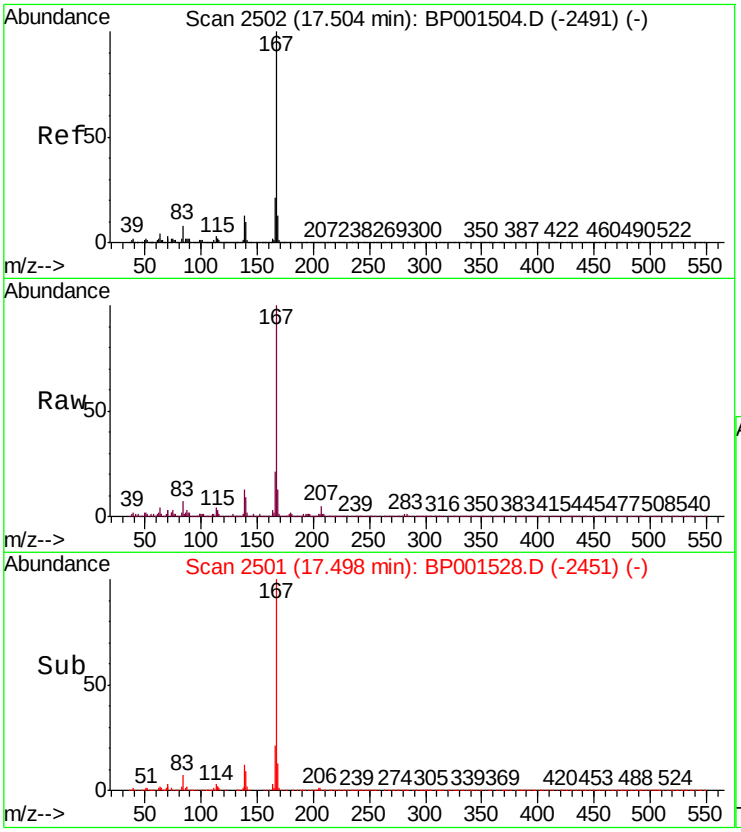


#72
Anthracene
Concen: 21.140 ng
RT: 17.22 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:178 Resp: 371373

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.4	21.6
179	16.1	12.5	18.7



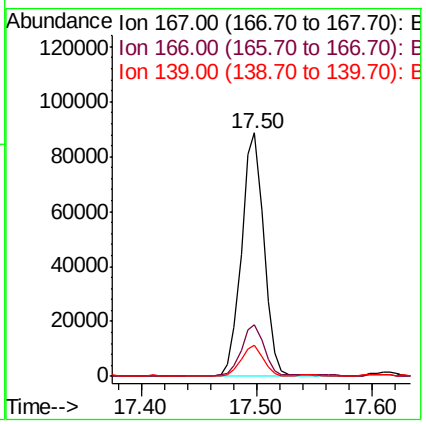


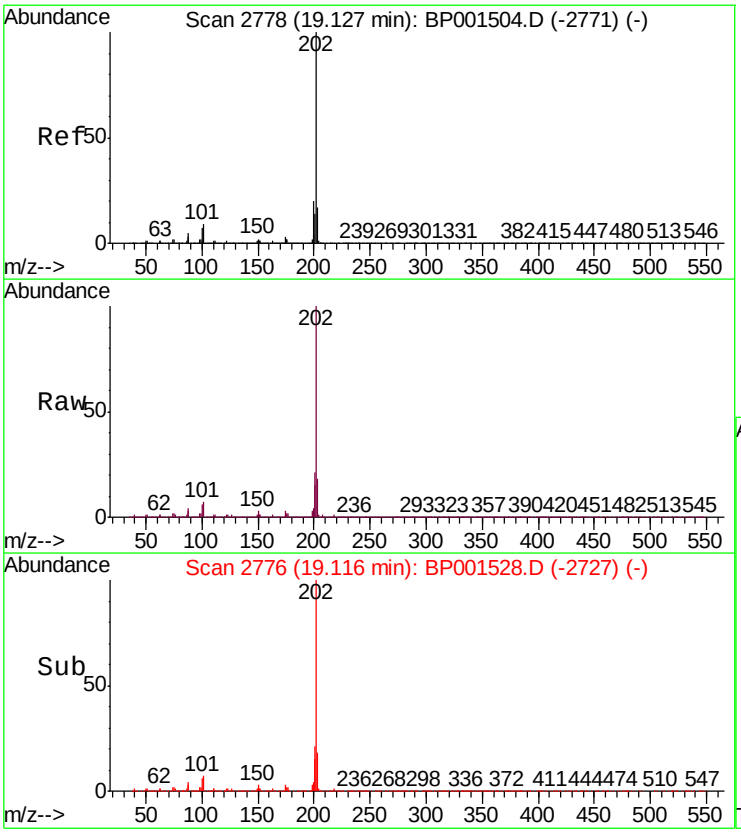
#73
Carbazole
Concen: 7.358 ng
RT: 17.50 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:167 Resp: 119608

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.0	10.2	15.4

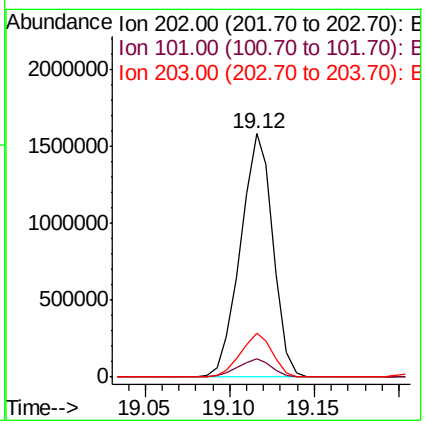


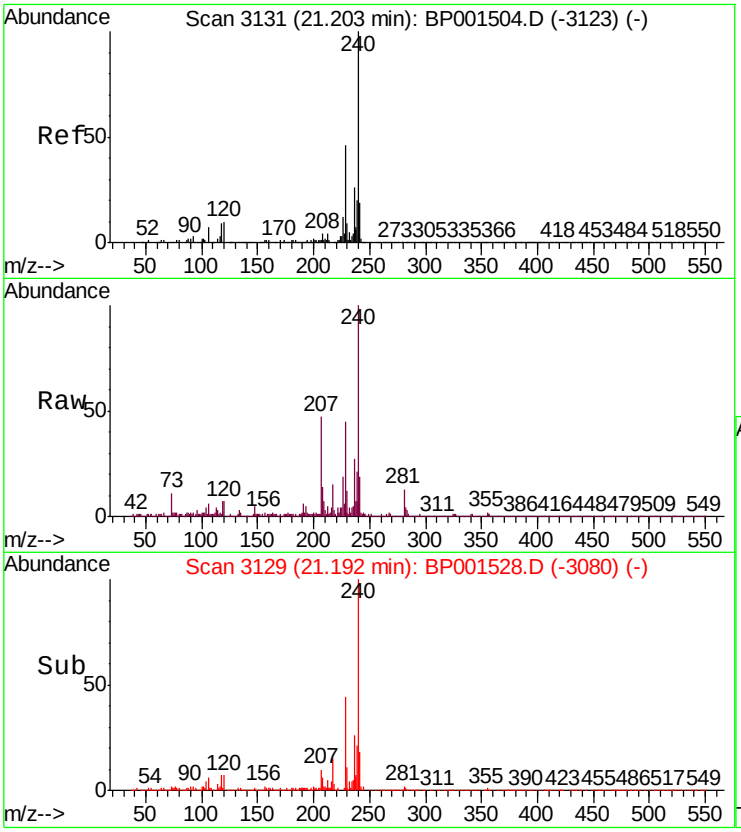


#75
Fluoranthene
Concen: 98.514 ng
RT: 19.12 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:202 Resp: 2113779

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.3
203	17.9	0.0	36.7



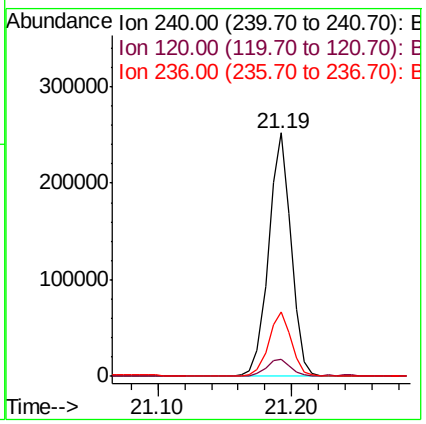


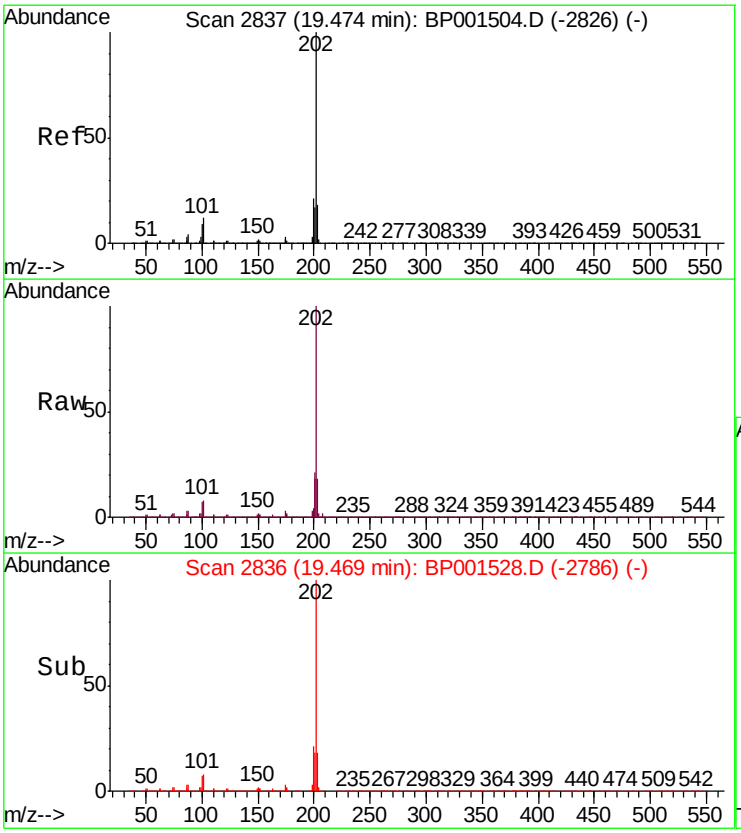
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:240 Resp: 295355

Ion	Ratio	Lower	Upper
240	100		
120	7.1	8.1	12.1#
236	26.5	20.9	31.3

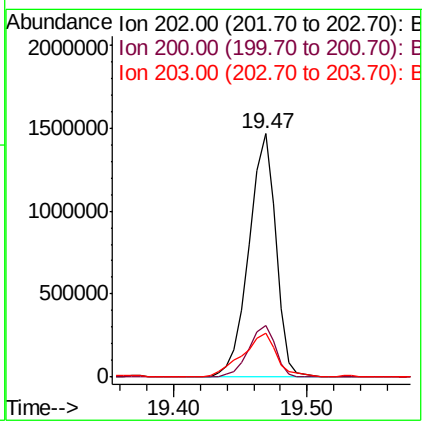


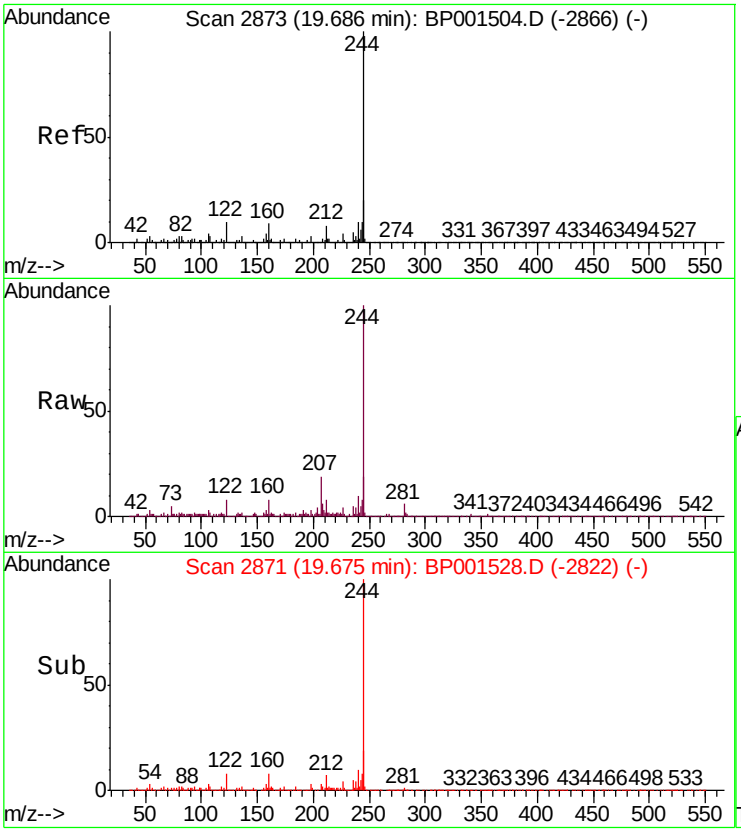


#78
Pyrene
Concen: 94.716 ng
RT: 19.47 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:202 Resp: 2030000

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.4	24.6
203	18.2	14.2	21.2



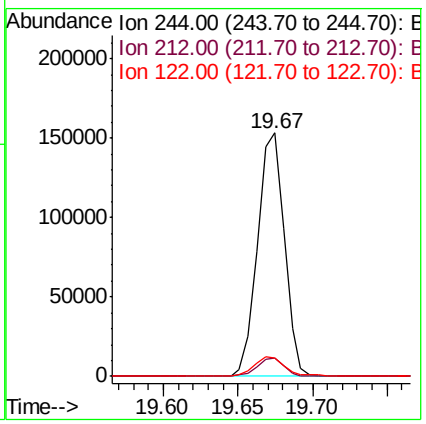


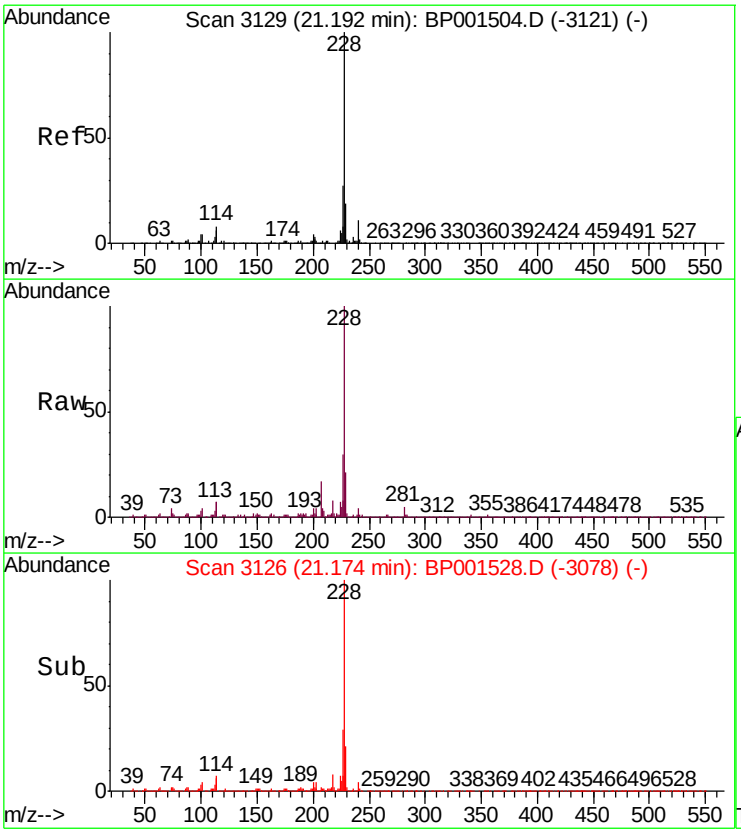
#79
Terphenyl-d14
Concen: 12.773 ng
RT: 19.67 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:244 Resp: 189305

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	7.6	7.8	11.6#

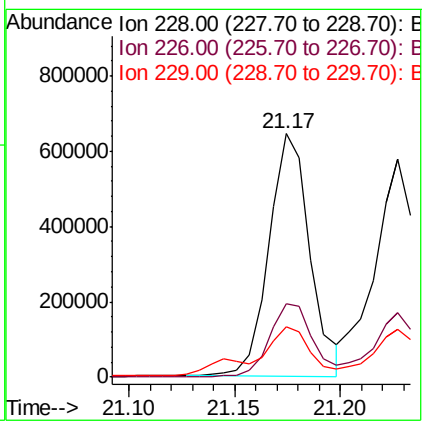


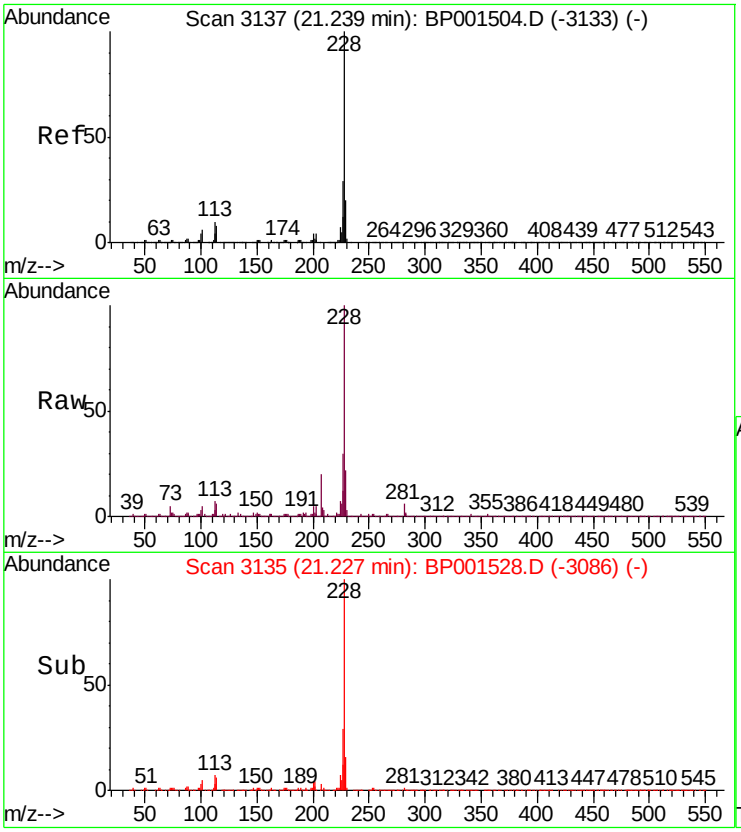


#81
Benzo(a)anthracene
Concen: 41.847 ng
RT: 21.17 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:228 Resp: 867232

Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.5	32.3
229	20.7	15.4	23.2



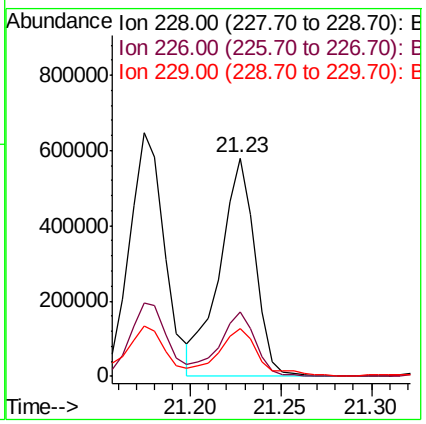


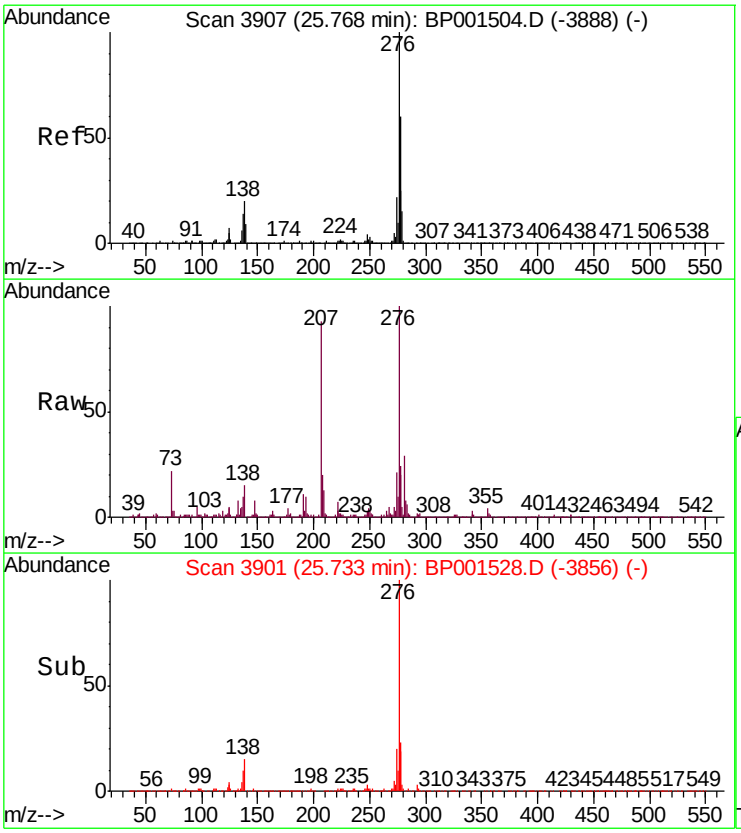
#83
Chrysene
Concen: 39.530 ng
RT: 21.23 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:228 Resp: 785497

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.6
229	21.9	15.7	23.5

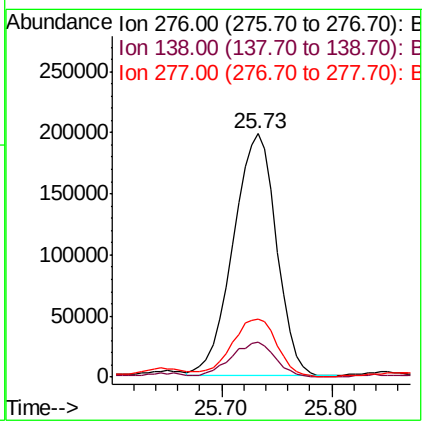


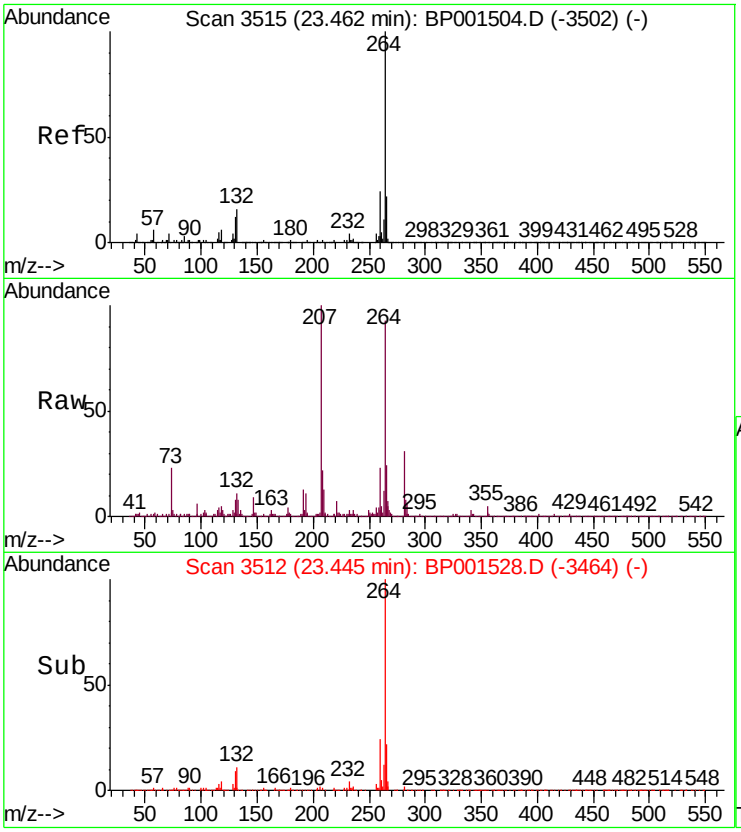


#86
Indeno(1,2,3-cd)pyrene
Concen: 22.611 ng
RT: 25.73 min Scan# 3901
Delta R.T. -0.03 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:276 Resp: 546834

Ion	Ratio	Lower	Upper
276	100		
138	14.6	17.8	26.8#
277	24.4	20.0	30.0



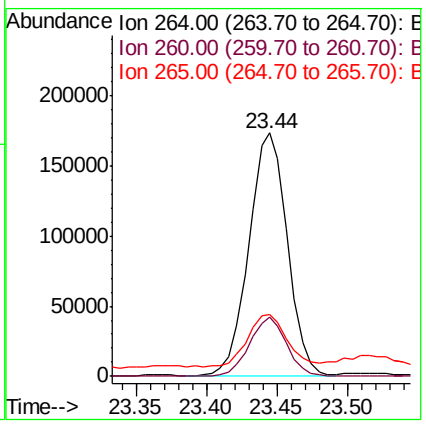


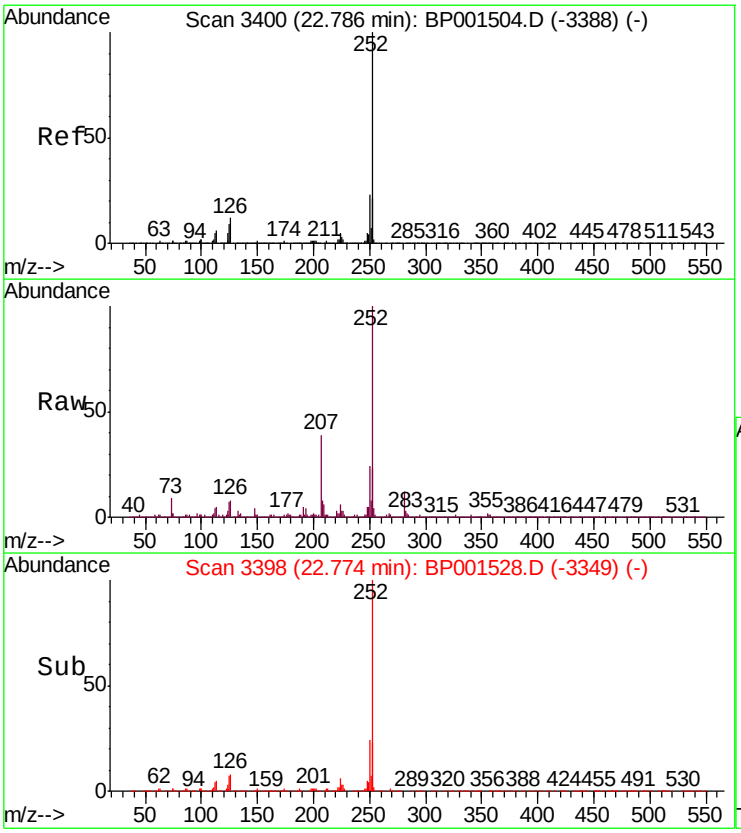
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3512
Delta R.T. -0.02 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:264 Resp: 329884

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	25.5	17.2	25.8

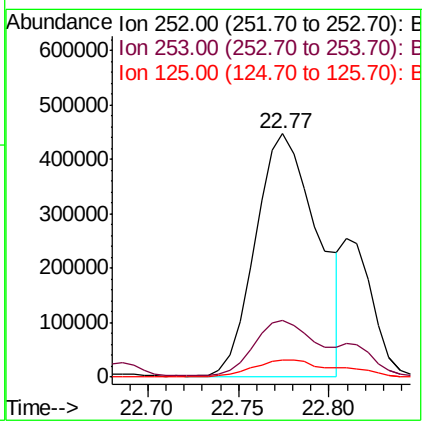


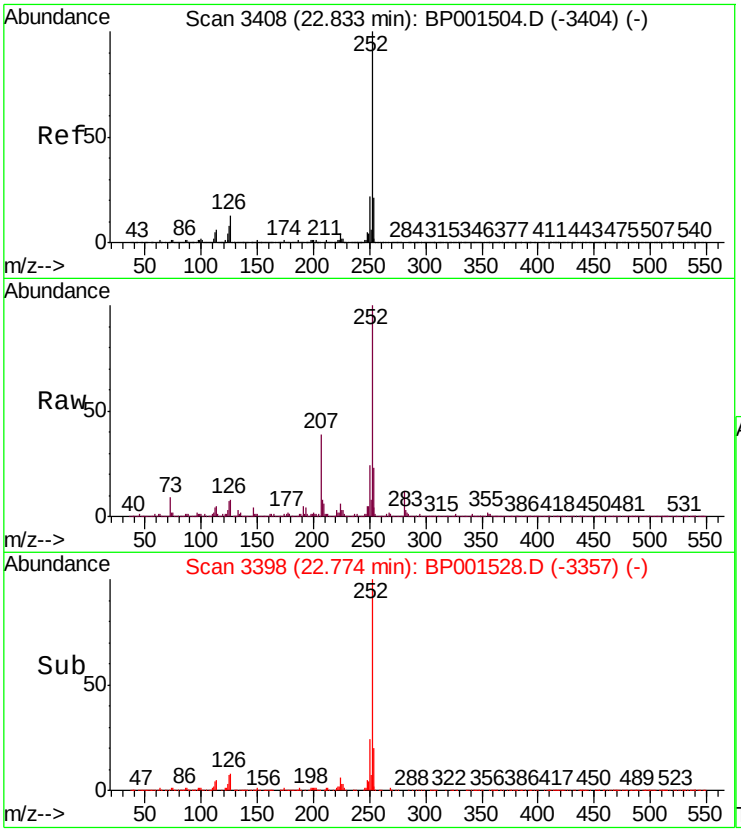


#88
Benzo(b)fluoranthene
Concen: 52.290 ng
RT: 22.77 min Scan# 3398
Delta R.T. -0.01 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:252 Resp: 1068071

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	7.0	7.2	10.8#



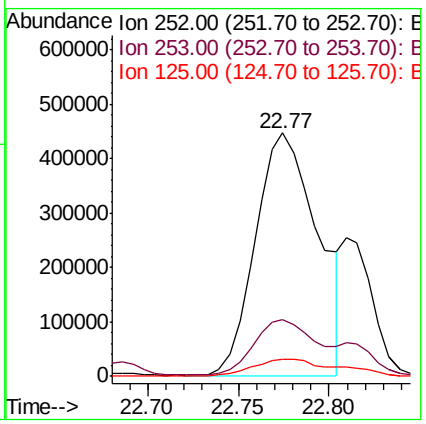


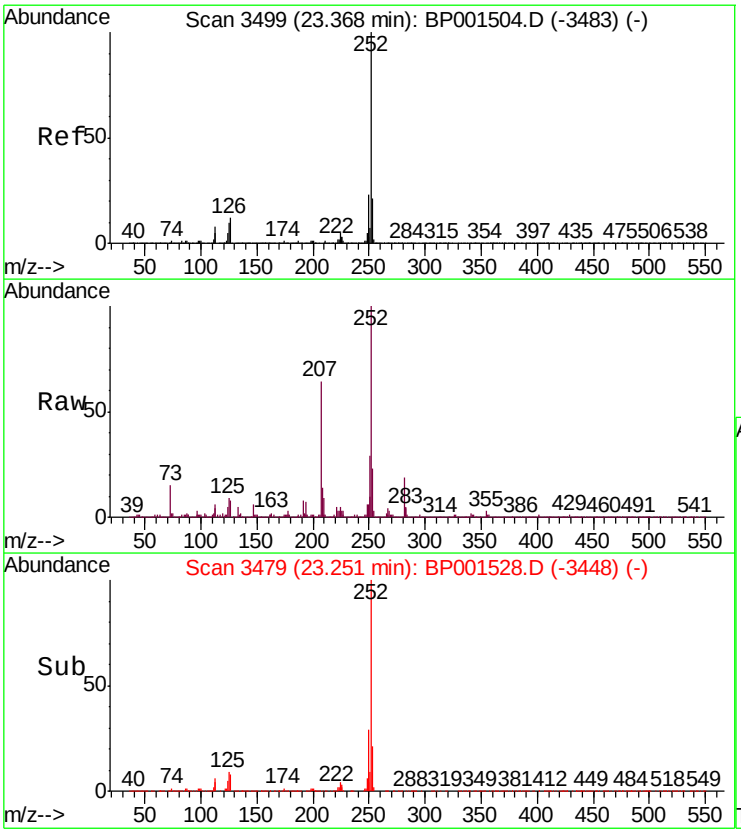
#89
Benzo(k)fluoranthene
Concen: 54.589 ng
RT: 22.77 min Scan# 3398
Delta R.T. -0.06 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:252 Resp: 1068071

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	7.0	6.6	10.0

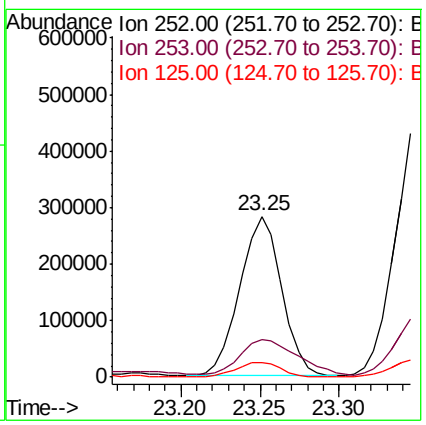


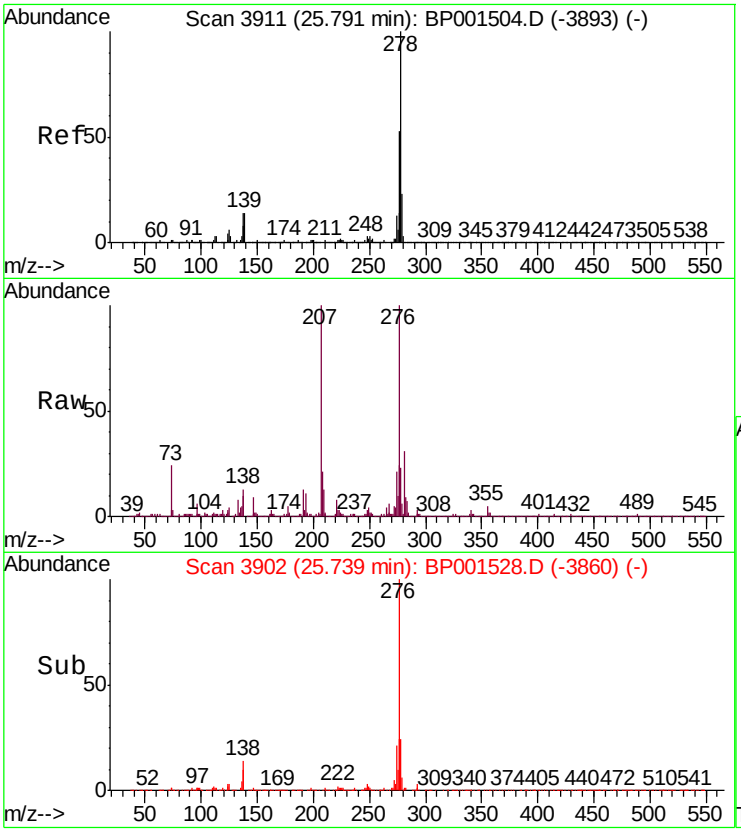


#90
Benzo(a)pyrene
Concen: 26.976 ng
RT: 23.25 min Scan# 3479
Delta R.T. -0.12 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:252 Resp: 515783

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	9.3	7.7	11.5



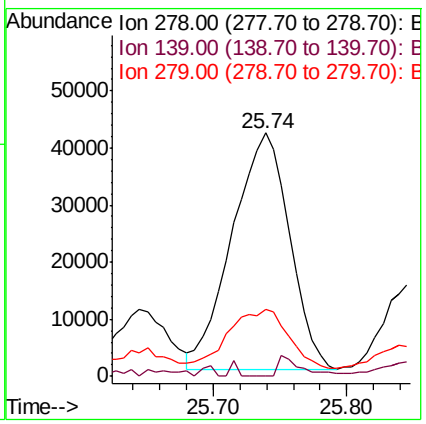


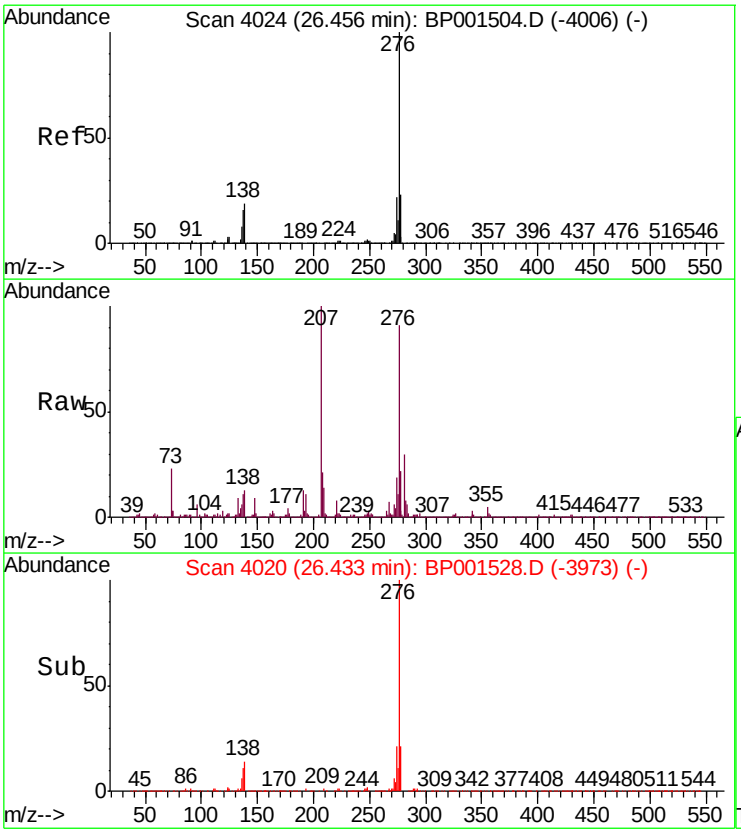
#91
Dibenzo(a,h)anthracene
Concen: 6.543 ng
RT: 25.74 min Scan# 3902
Delta R.T. -0.05 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Instrument :
BNA_P
ClientSampleId :
MC-010220-2-5-COMP-B7

Tgt Ion:278 Resp: 124338

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.3	16.9#
279	27.6	18.2	27.2#





#92
Benzo(g,h,i)perylene
Concen: 29.303 ng
RT: 26.43 min Scan# 4020
Delta R.T. -0.02 min
Lab File: BP001528.D
Acq: 04 Jan 2020 02:50

Tgt Ion:276 Resp: 555388

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	14.1	15.0	22.4#