Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003184.D
Acq On : 02 Sep 2020 13:38
Operator : CG/JU
Sample : L3848-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-03-C

Quant Time: Sep 02 15:07:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	225519	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	920187	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	571098	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	1243021	20.00	ng		0.00
76) Chrysene-d12	21.14	240	1171185	20.00	ng		0.00
86) Perylene-d12	23.38	264	1192847	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	826433	64.79	ng		0.00
7) Phenol-d6	6.84	99	1012106	63.30	ng		0.00
23) Nitrobenzene-d5	8.80	82	593860	46.53	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	507834	65.75	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	1730342	44.37	ng		0.00
79) Terphenyl-d14	19.63	244	2555386	48.01	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.77	122	91	9.005	ng	#	61
50) Dimethylphthalate	13.75	163	263482	6.050	ng		100
54) 2,4-Dinitrophenol	14.41	184	60	7.766	ng	#	1
71) Phenanthrene	17.09	178	229489	3.407	ng		98
75) Fluoranthene	19.07	202	535065	6.873	ng		100
78) Pyrene	19.42	202	565006	7.433	ng		99
81) Benzo(a)anthracene	21.13	228	311517	4.246	ng		97
83) Chrysene	21.18	228	282749	4.025	ng		97
87) Indeno(1,2,3-cd)pyrene	25.64	276	184357	2.072	ng		97
88) Benzo(b)fluoranthene	22.70	252	470965	6.352	ng	#	89
89) Benzo(k)fluoranthene	22.70	252	470965	6.649	ng	#	89
90) Benzo(a)pyrene	23.28	252	259649	3.775	ng	#	89
92) Benzo(g,h,i)perylene	26.34	276	193097	2.633	ng		94

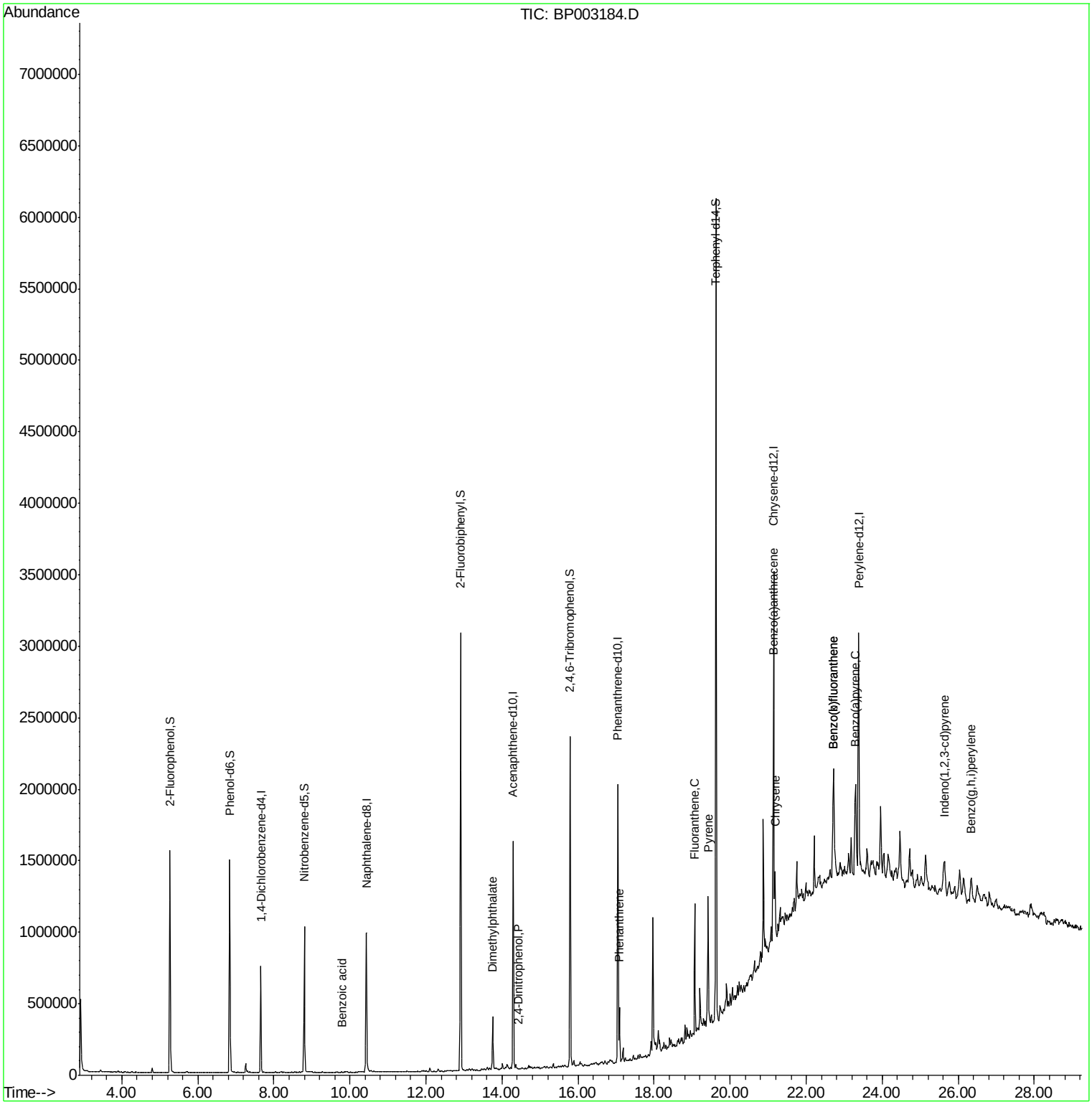
(#) = qualifier out of range (m) = manual integration (+) = signals summed

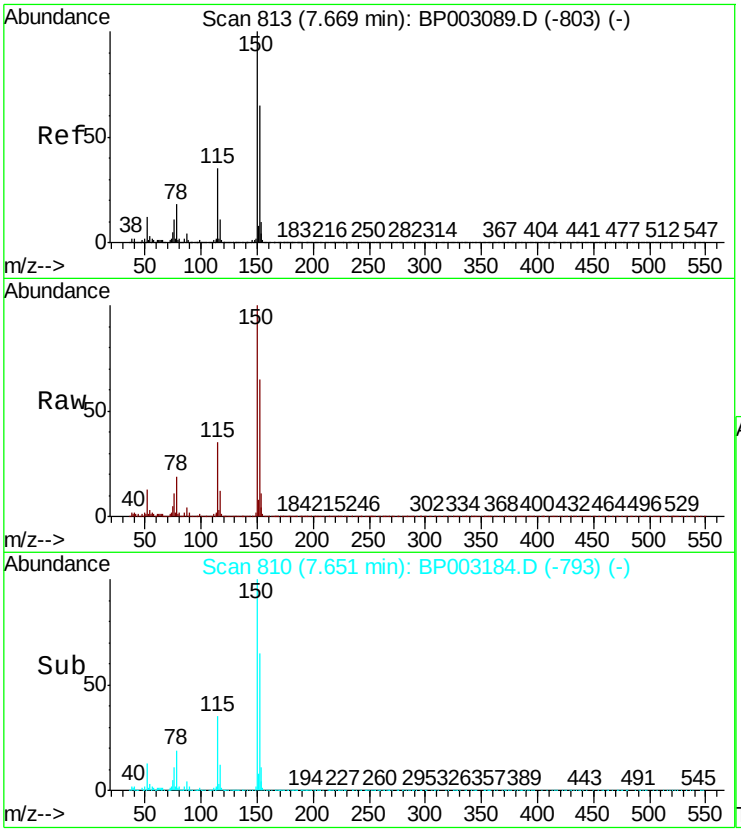
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003184.D
Acq On : 02 Sep 2020 13:38
Operator : CG/JU
Sample : L3848-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Quant Time: Sep 02 15:07:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration



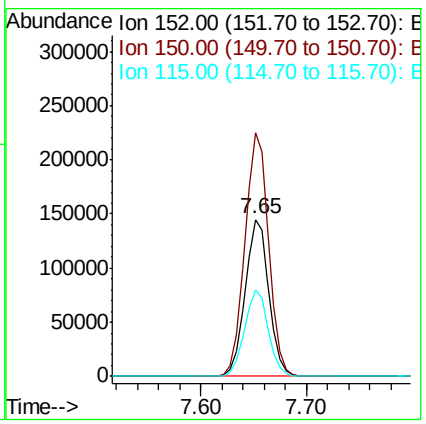


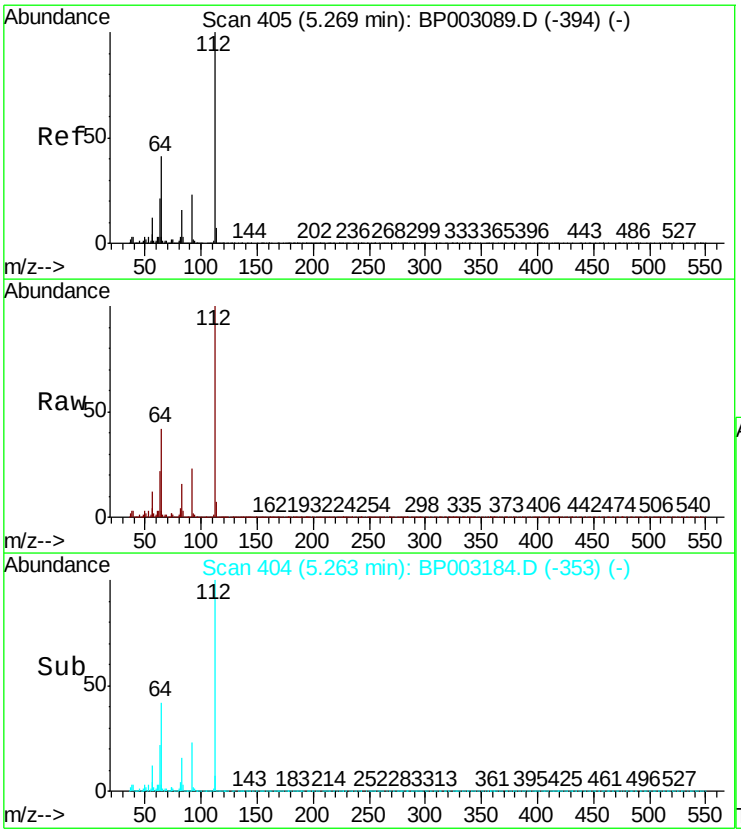
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:152 Resp: 225519

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	54.9	43.8	65.6

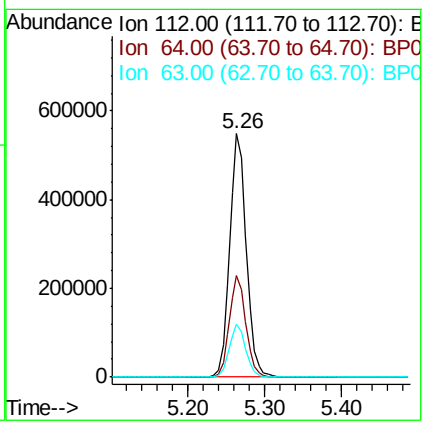


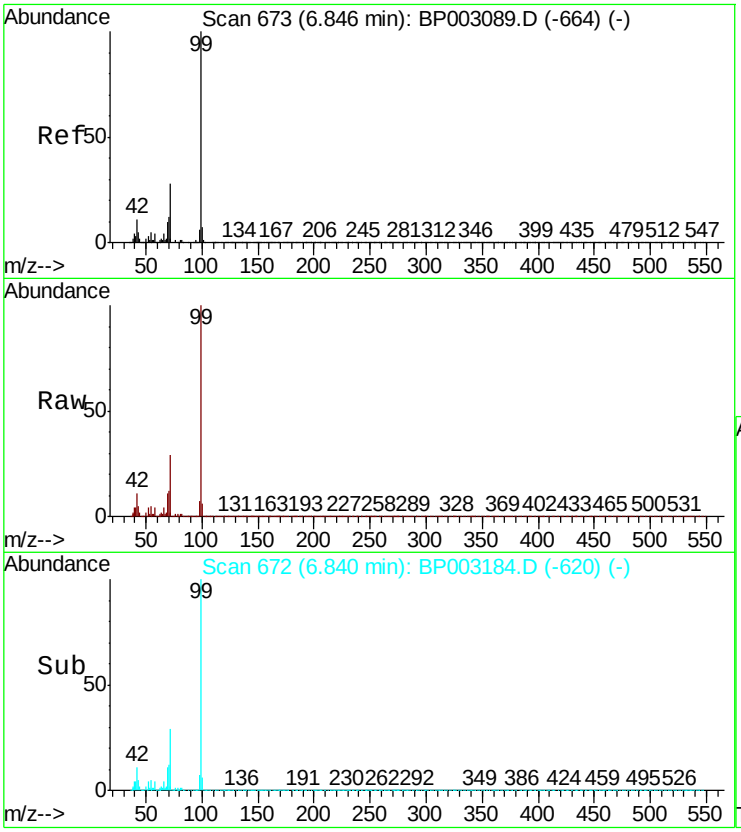


#5
2-Fluorophenol
Concen: 64.791 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:112 Resp: 826433

Ion	Ratio	Lower	Upper
112	100		
64	41.6	32.8	49.2
63	21.8	17.0	25.4



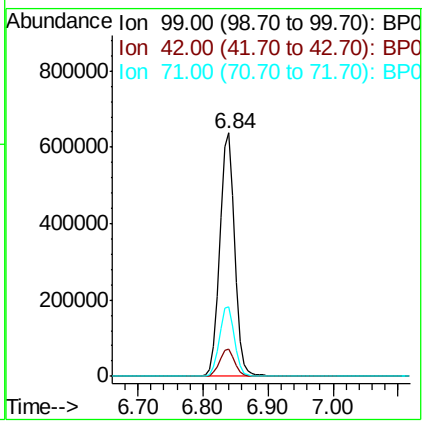


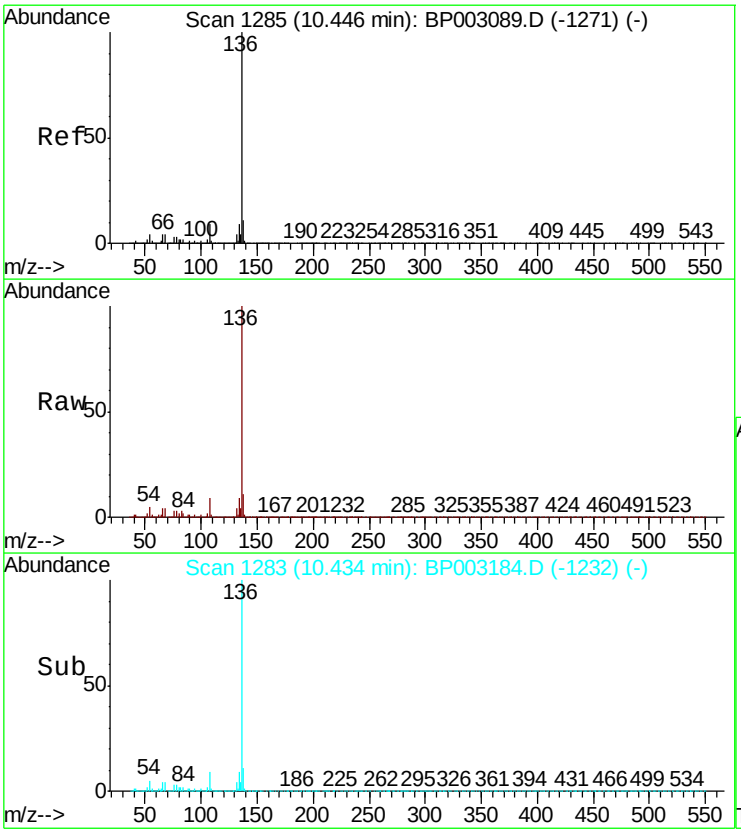
#7
Phenol-d6
Concen: 63.297 ng
RT: 6.84 min Scan# 672
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion: 99 Resp: 1012106

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	13.0
71	28.8	23.4	35.2

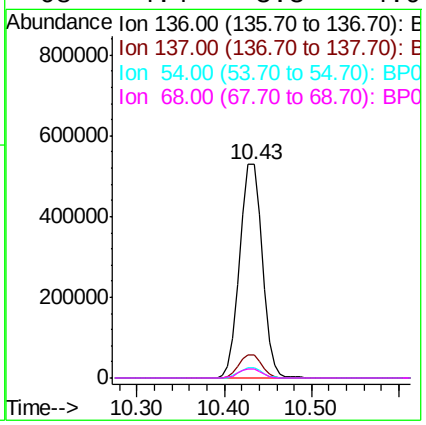


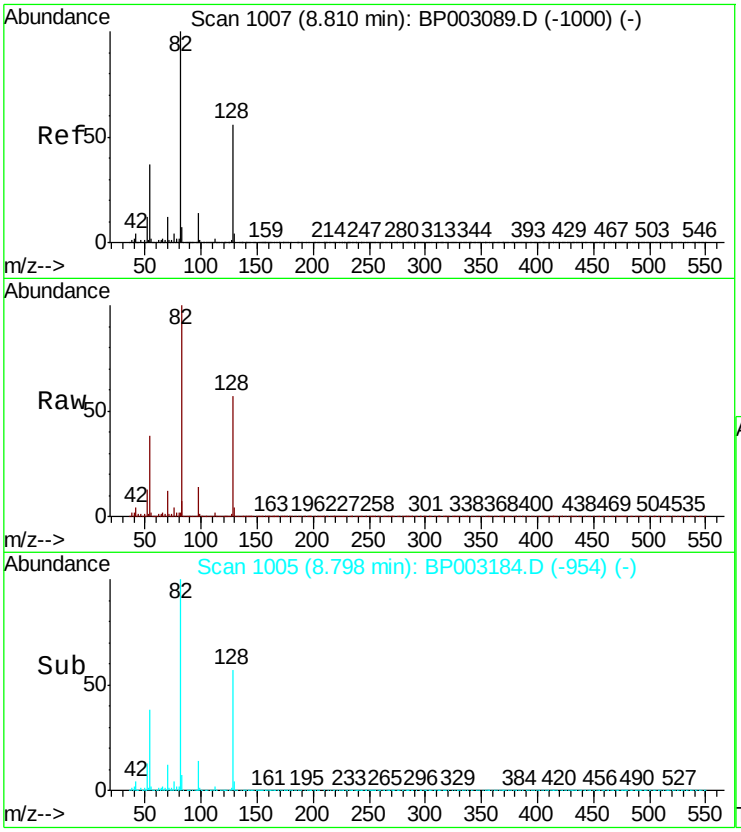


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:136 Resp: 920187

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.6	3.6	5.4
68	4.4	3.3	4.9



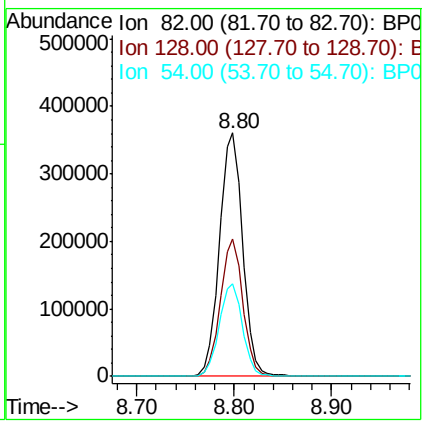


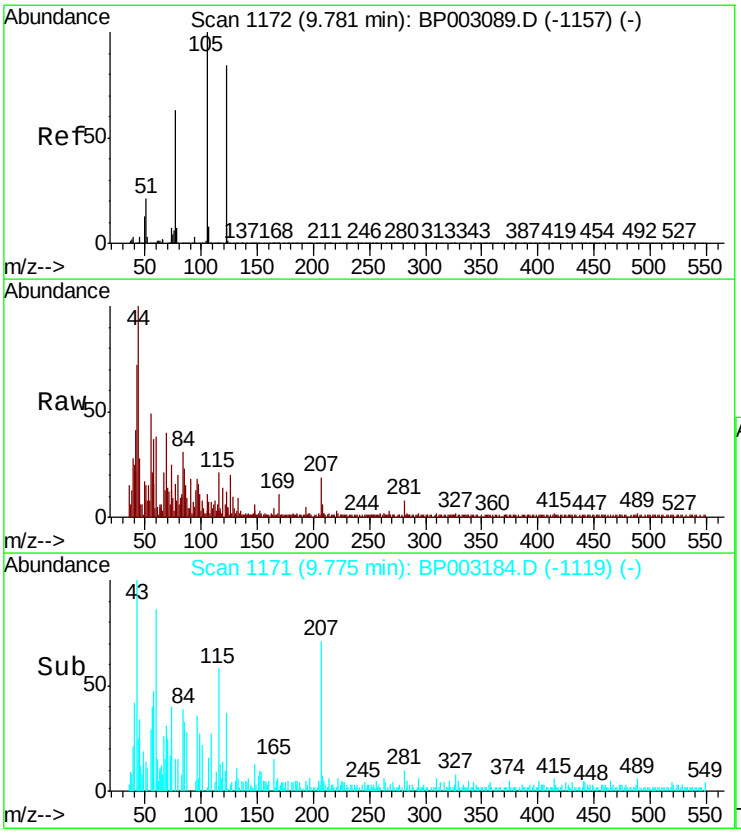
#23
Nitrobenzene-d5
Concen: 46.525 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion: 82 Resp: 593860

Ion	Ratio	Lower	Upper
82	100		
128	56.5	45.6	68.4
54	38.1	30.1	45.1

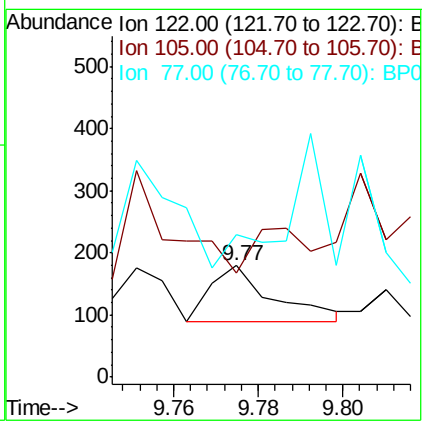


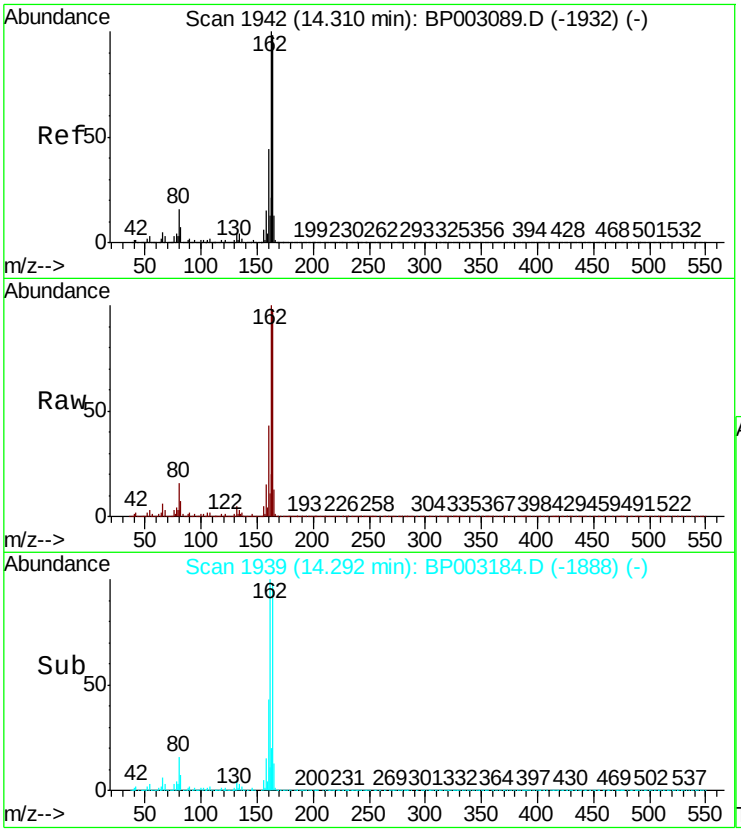


#32
Benzoic acid
Concen: 9.005 ng
RT: 9.77 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:122 Resp: 91

Ion	Ratio	Lower	Upper
122	100		
105	93.3	94.1	134.1#
77	127.9	50.1	90.1#



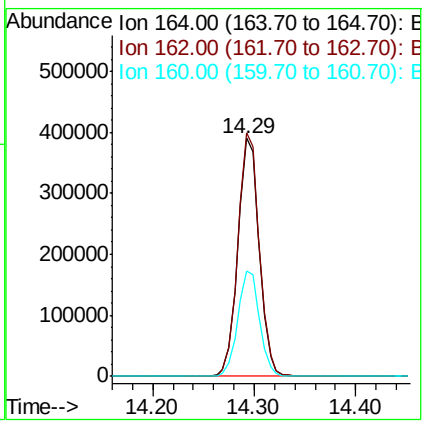


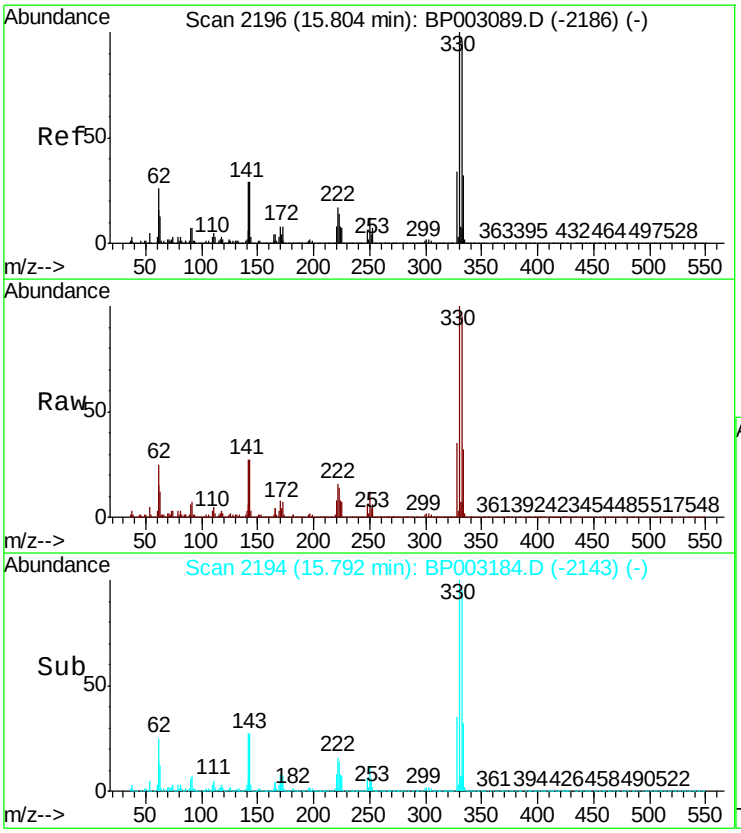
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:164 Resp: 571098

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.4	119.2
160	44.2	36.1	54.1

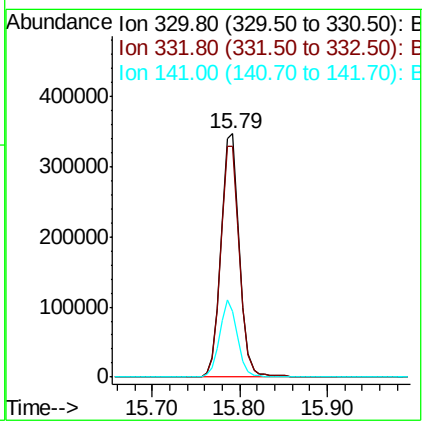


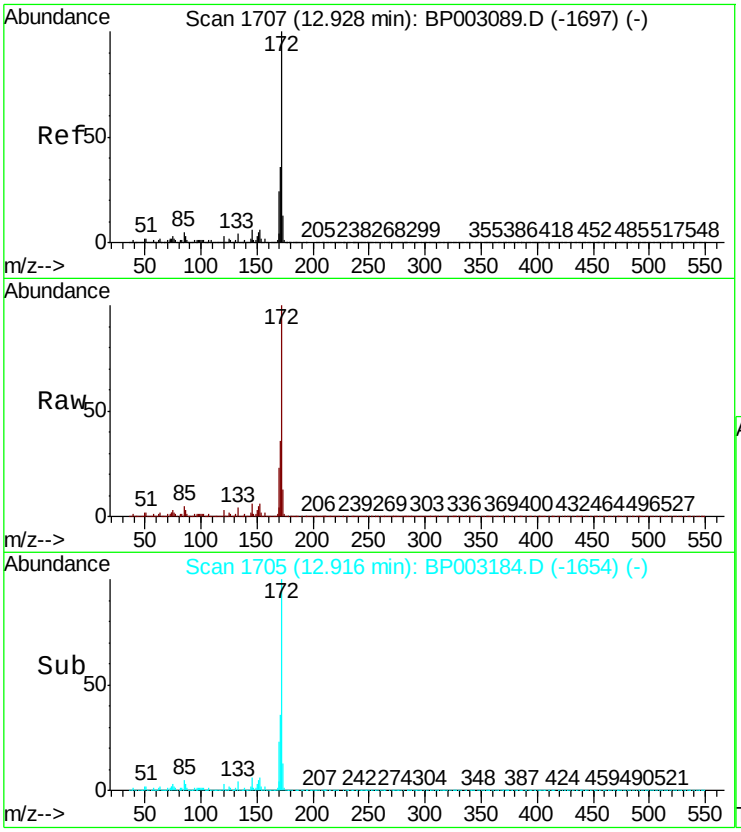


#42
2,4,6-Tribromophenol
Concen: 65.748 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:330 Resp: 507834

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	30.3	23.4	35.2



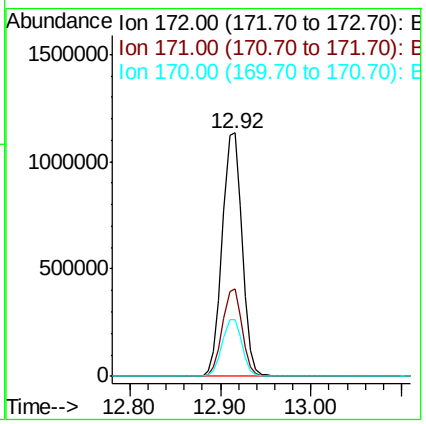


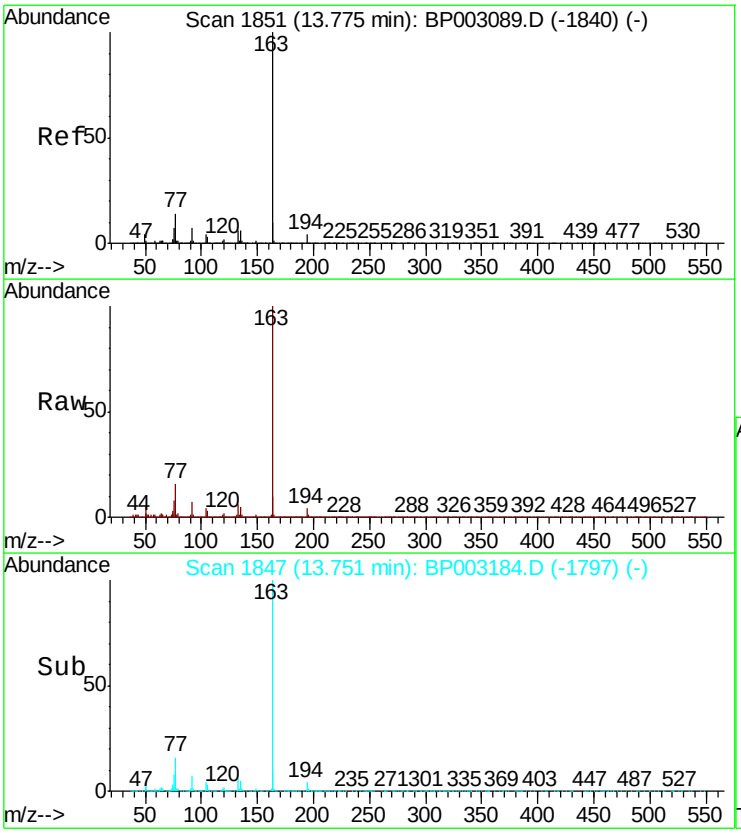
#45
2-Fluorobiphenyl
Concen: 44.371 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:172 Resp: 1730342

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	19.2	28.8

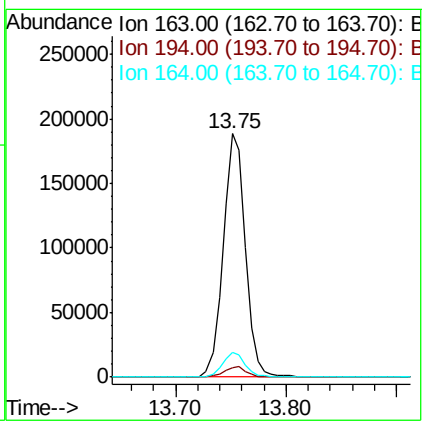


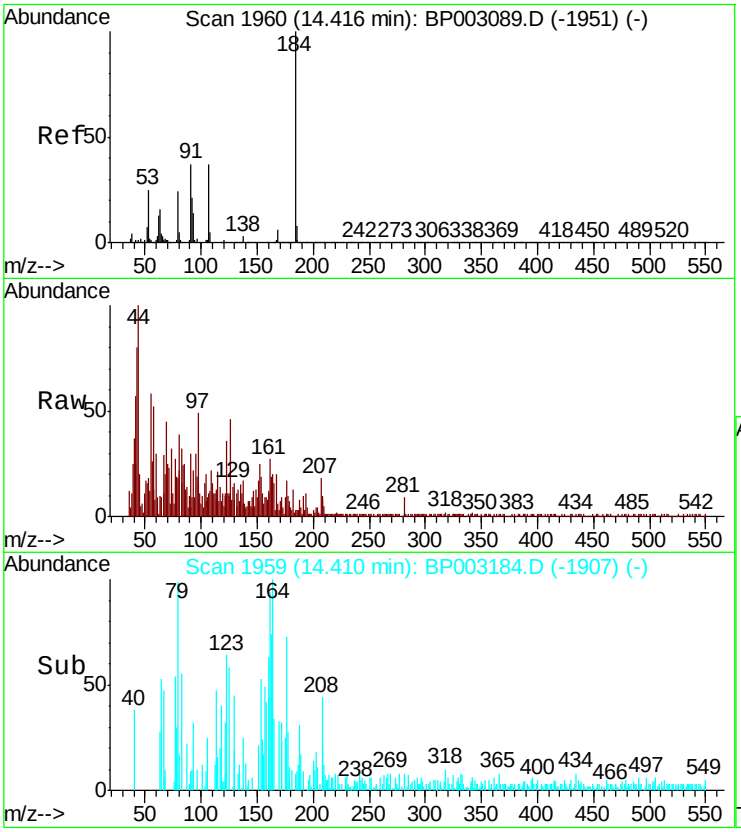


#50
Dimethylphthalate
Concen: 6.050 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:163 Resp: 263482

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.2



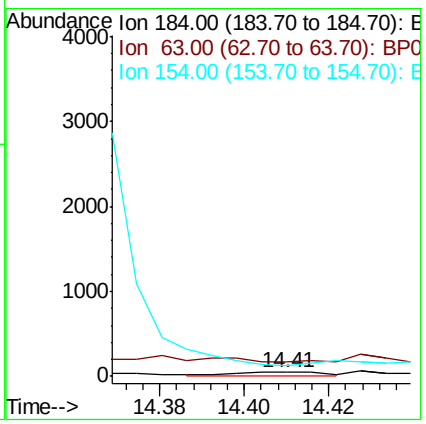


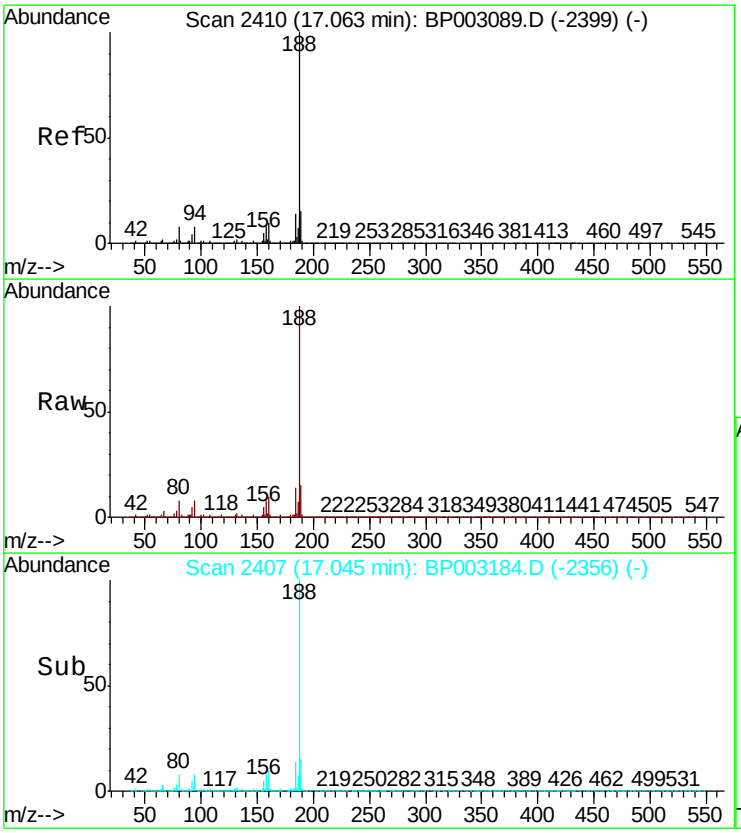
#54
2,4-Dinitrophenol
Concen: 7.766 ng
RT: 14.41 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:184 Resp: 60

Ion	Ratio	Lower	Upper
184	100		
63	364.6	32.3	48.5#
154	256.3	49.1	73.7#

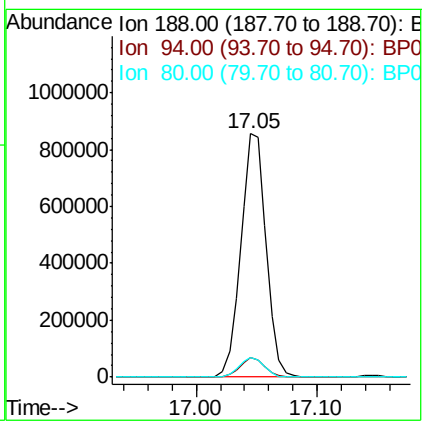


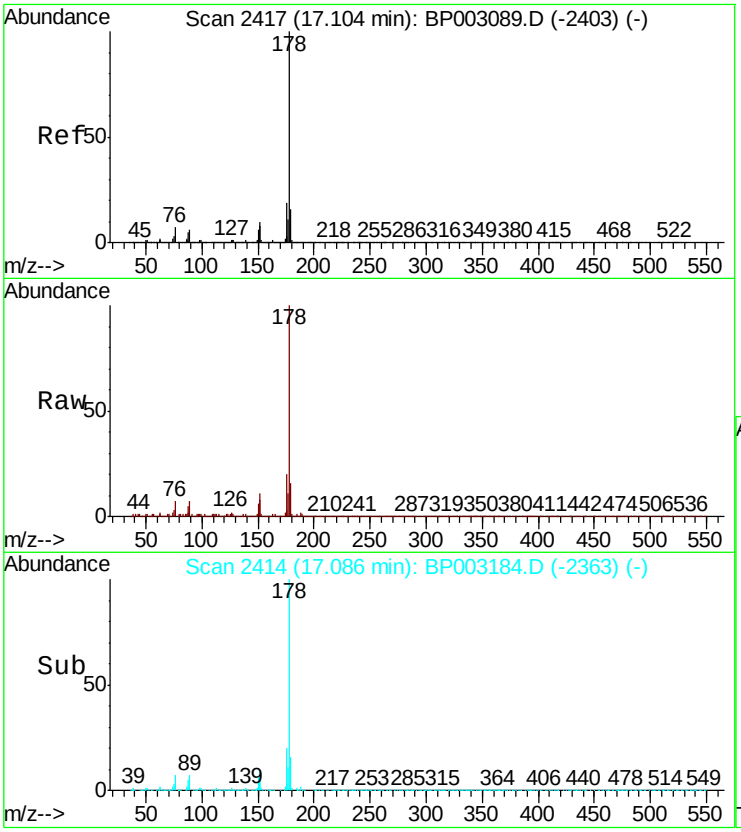


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:188 Resp: 1243021

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.0	6.2	9.2



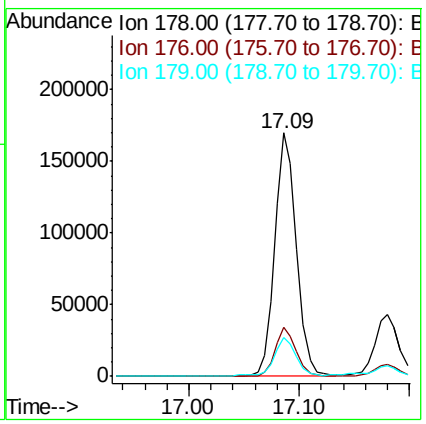


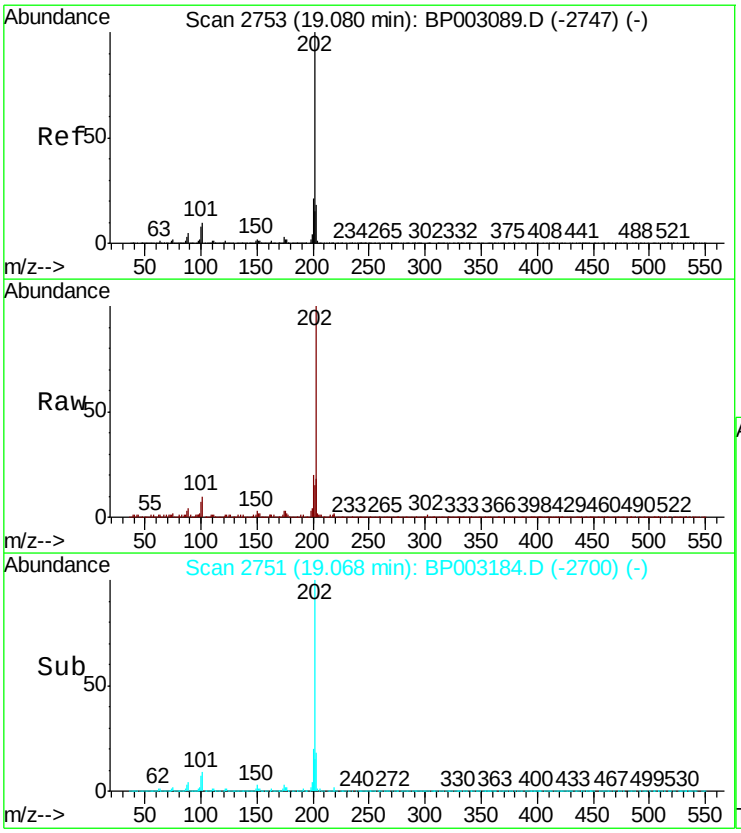
#71
Phenanthrene
Concen: 3.407 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:178 Resp: 229489

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.3	22.9
179	16.1	12.5	18.7

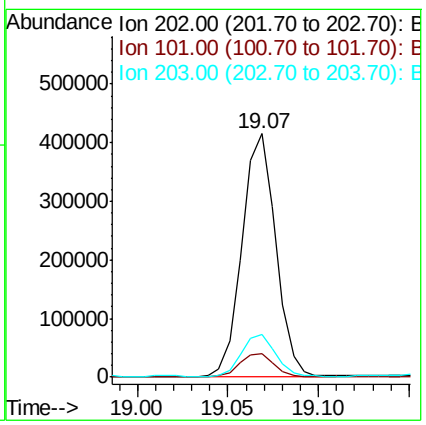


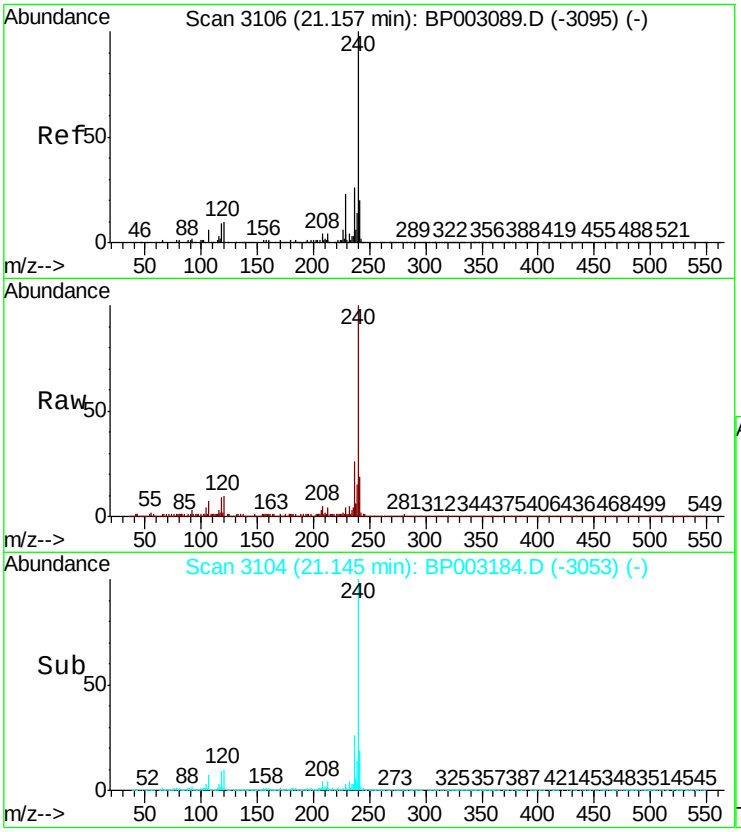


#75
Fluoranthene
Concen: 6.873 ng
RT: 19.07 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:202 Resp: 535065

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.4
203	17.7	0.0	37.8



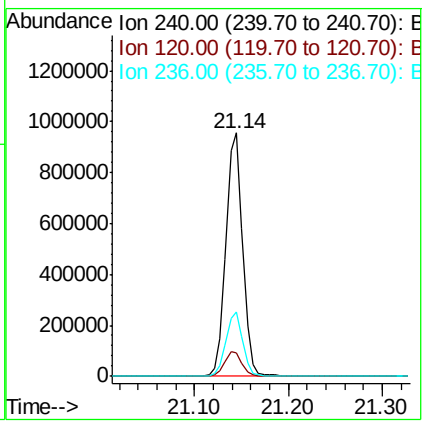


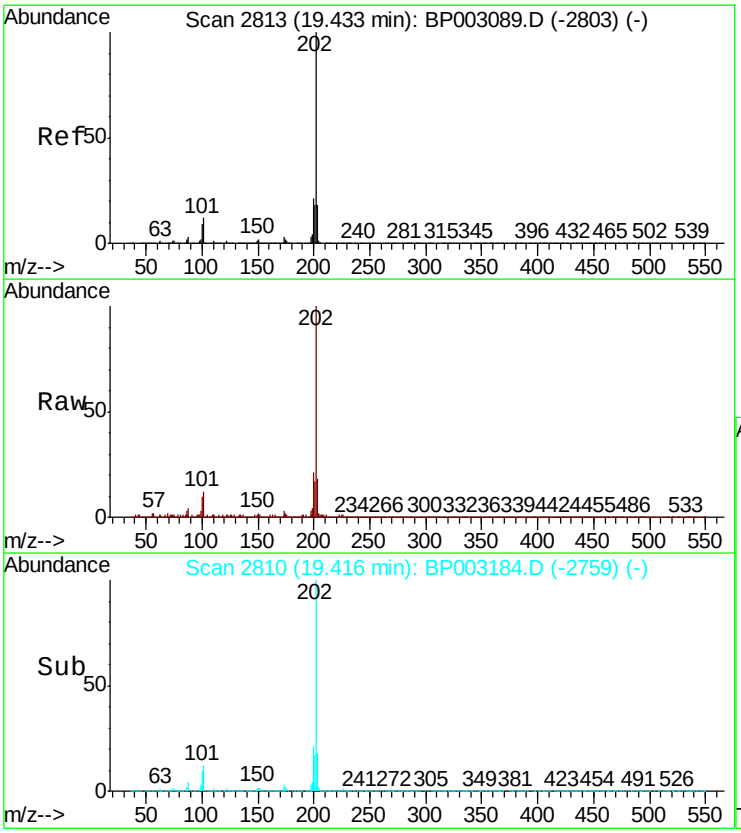
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:240 Resp: 1171185

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	26.3	20.8	31.2

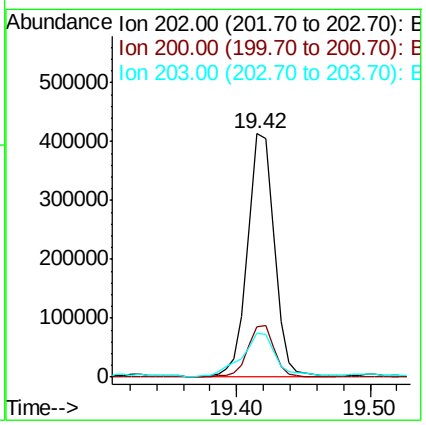


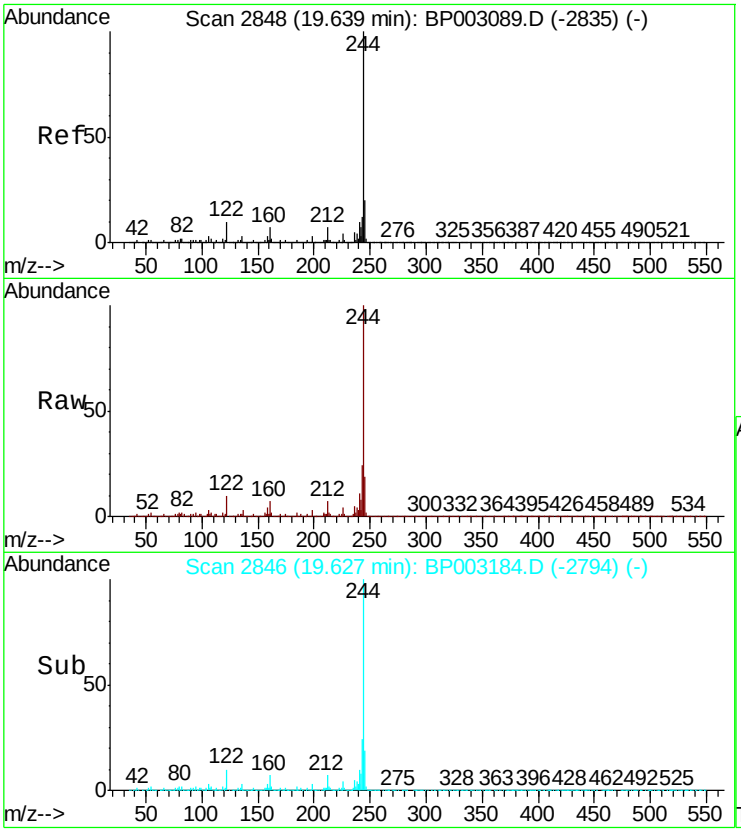


#78
Pyrene
Concen: 7.433 ng
RT: 19.42 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:202 Resp: 565006

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	18.2	14.2	21.2



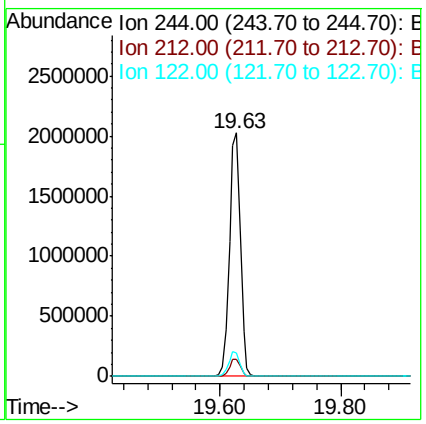


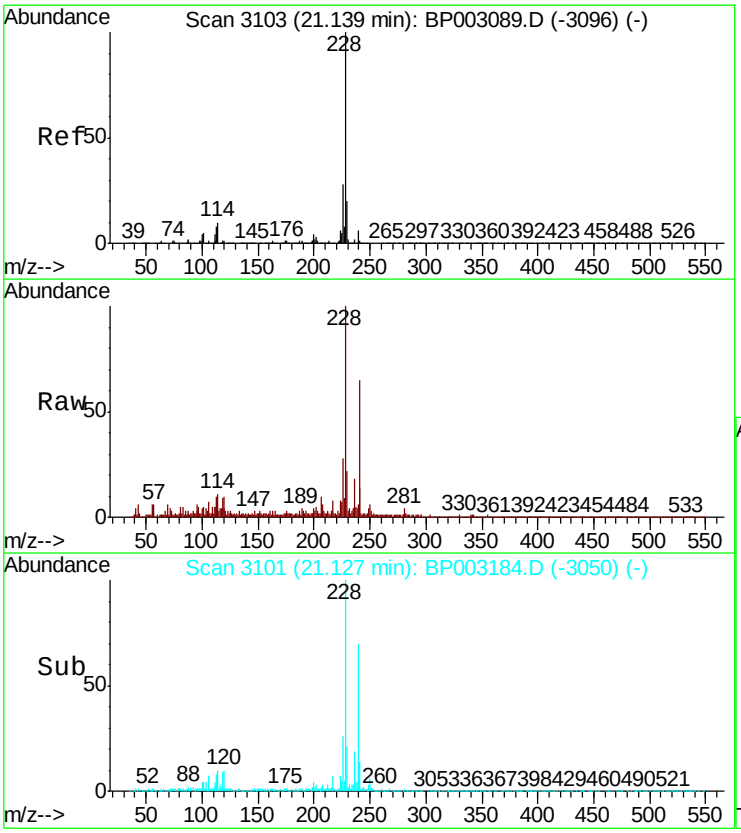
#79
Terphenyl-d14
Concen: 48.011 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:244 Resp: 2555386

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.7	7.8	11.8

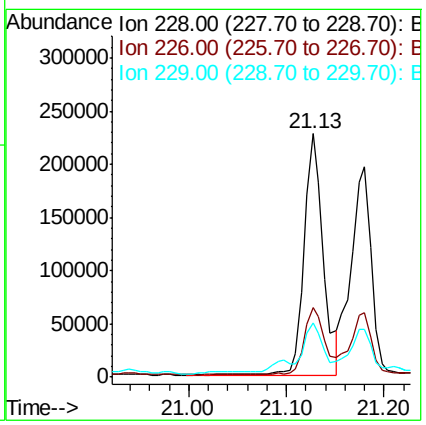


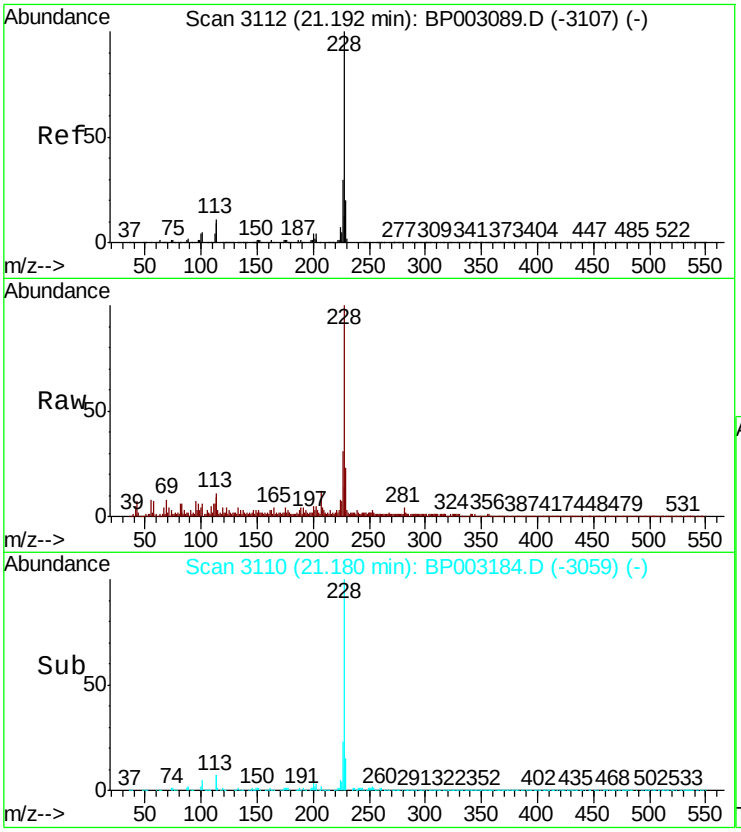


#81
Benzo(a)anthracene
Concen: 4.246 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:228 Resp: 311517

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	22.1	15.9	23.9



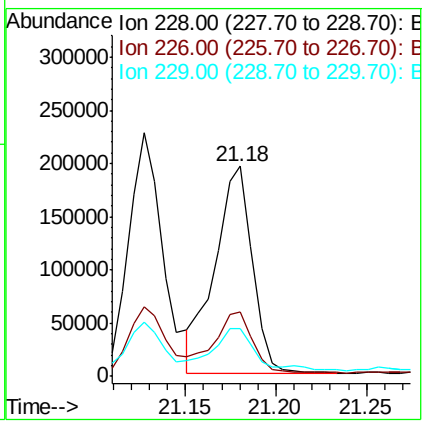


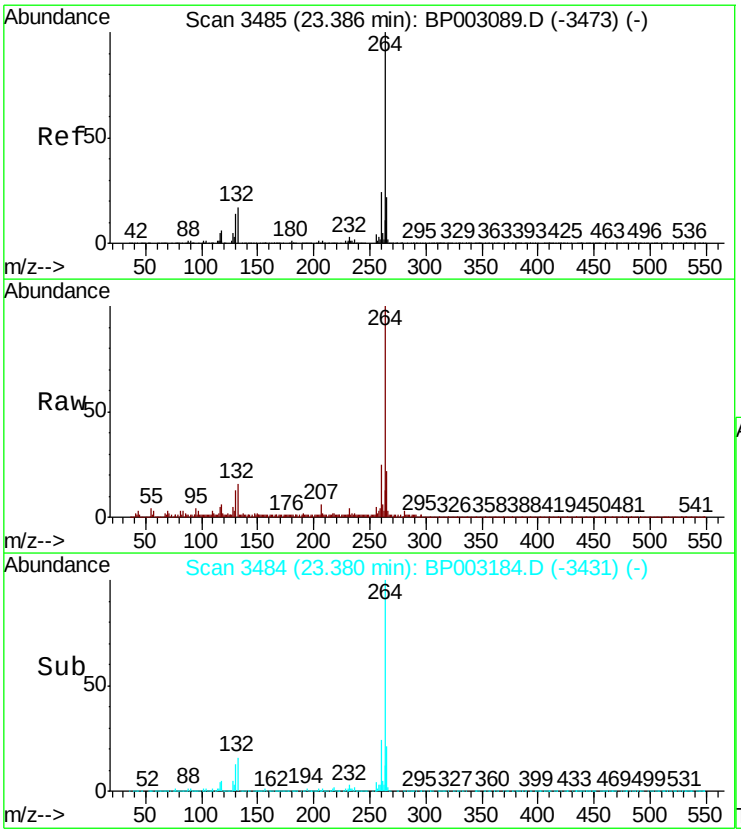
#83
Chrysene
Concen: 4.025 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:228 Resp: 282749

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	22.9	15.8	23.6

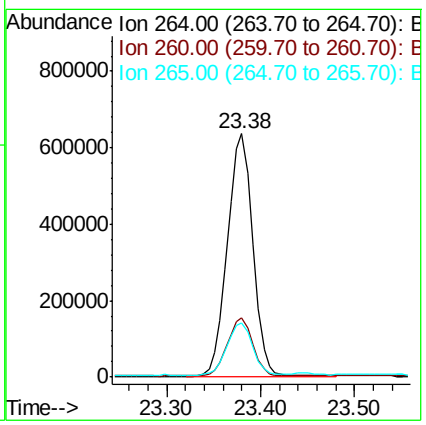


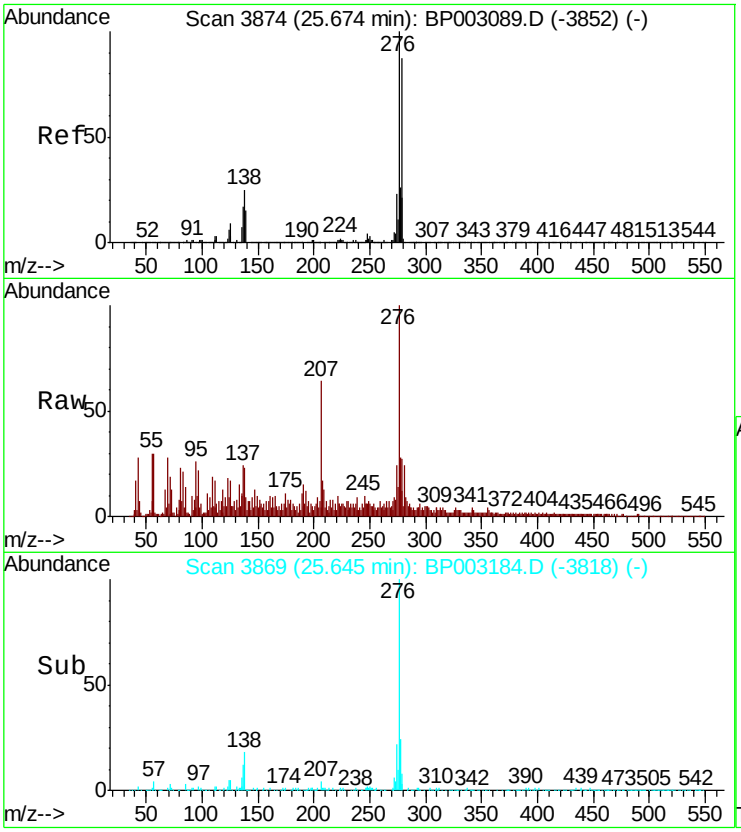


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:264 Resp: 1192847

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	22.0	17.4	26.2



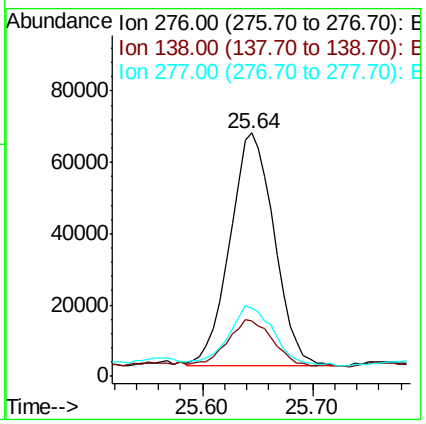


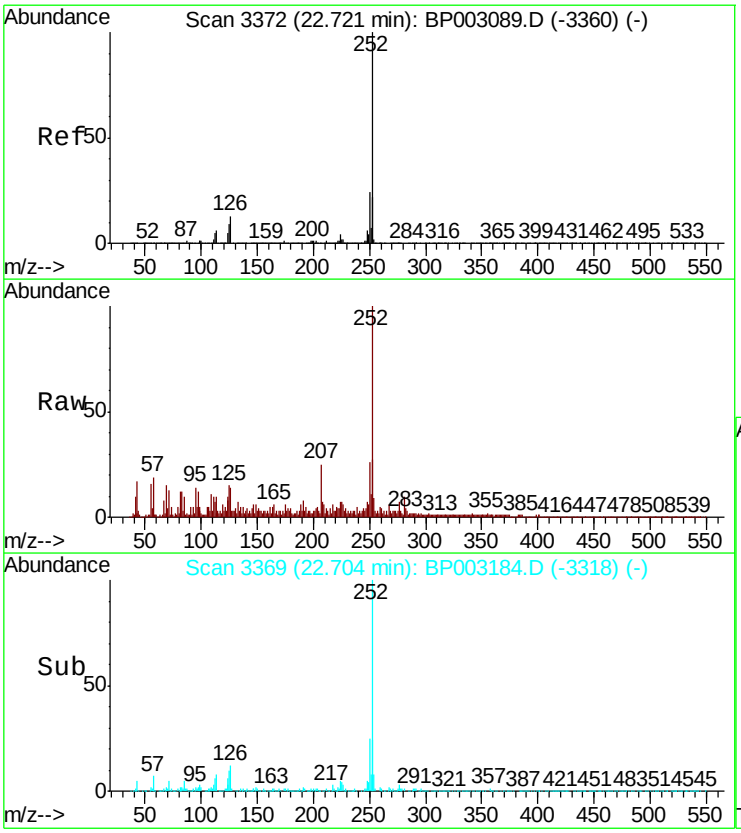
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.072 ng
RT: 25.64 min Scan# 3869
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:276 Resp: 184357

Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.7	28.1
277	25.5	20.4	30.6

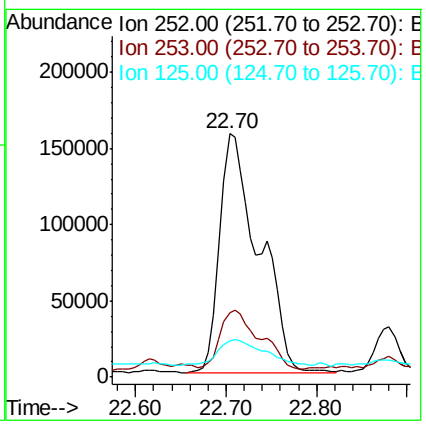


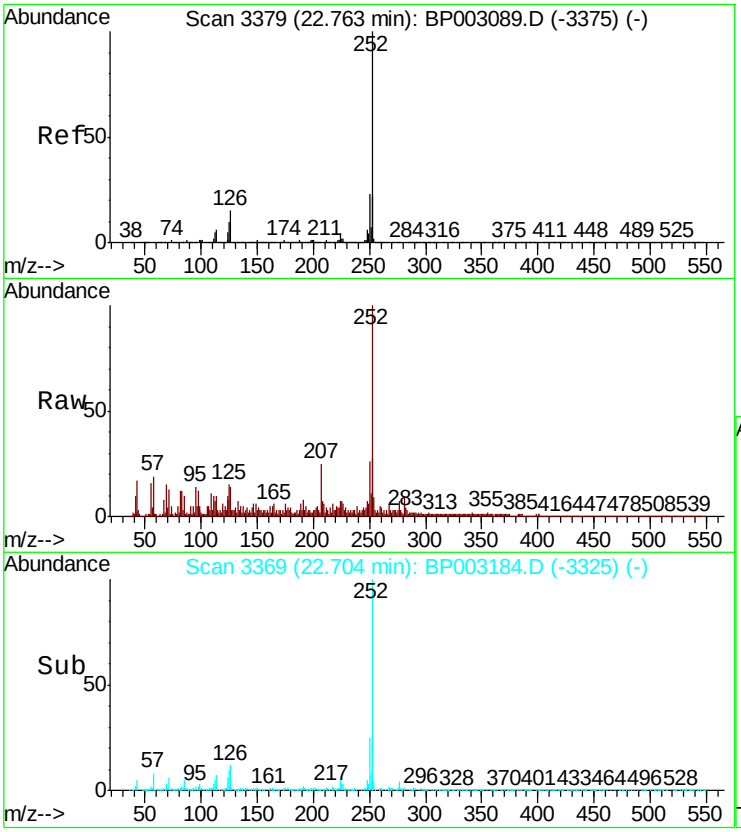


#88
Benzo(b)fluoranthene
Concen: 6.352 ng
RT: 22.70 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:252 Resp: 470965

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.6	26.4#
125	14.8	7.3	10.9#



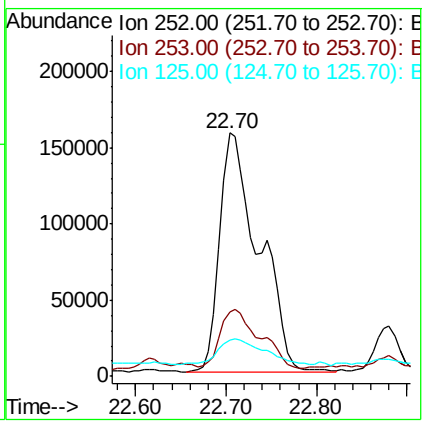


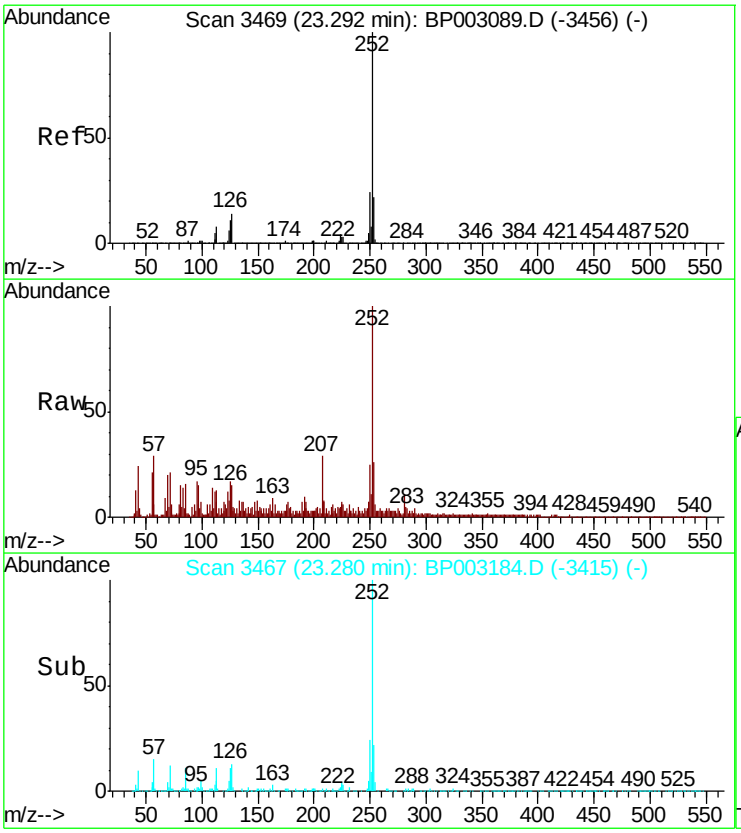
#89
Benzo(k)fluoranthene
Concen: 6.649 ng
RT: 22.70 min Scan# 3369
Delta R.T. -0.04 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:252 Resp: 470965

Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.8	26.8
125	14.8	7.4	11.2#

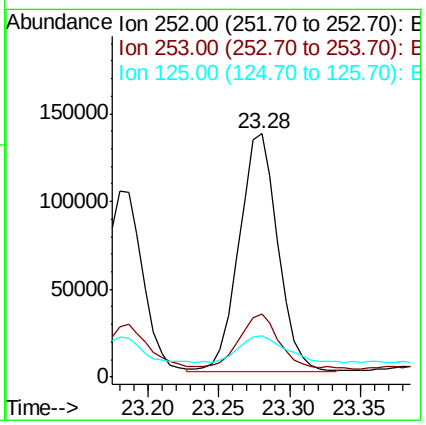


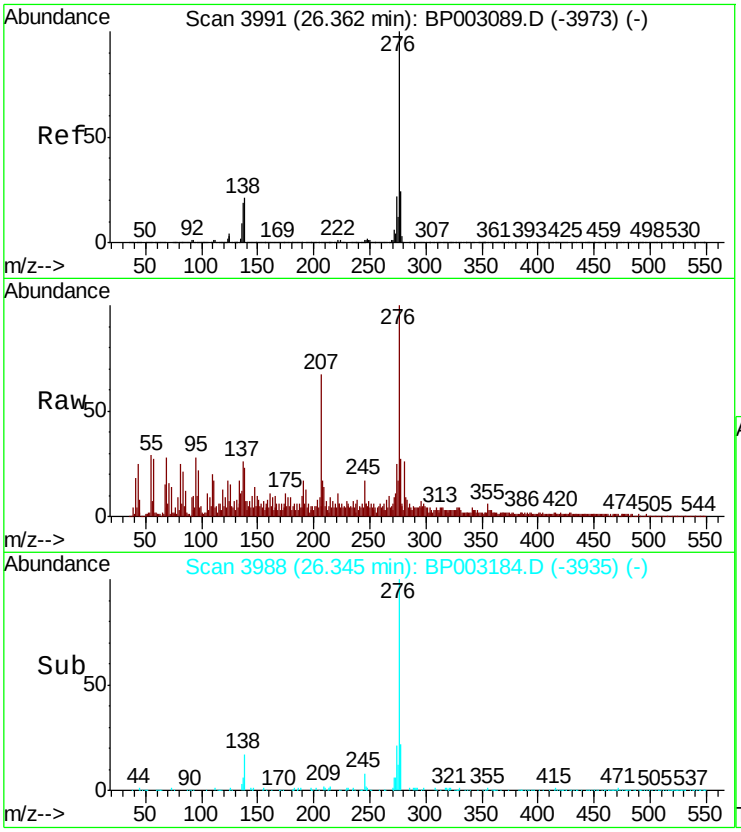


#90
Benzo(a)pyrene
Concen: 3.775 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion:252 Resp: 259649

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	16.8	8.2	12.4#





#92
Benzo(g,h,i)perylene
Concen: 2.633 ng
RT: 26.34 min Scan# 3988
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tgt Ion:276 Resp: 193097

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.0	28.6
138	23.1	16.6	24.8