Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003185.D
Acq On : 02 Sep 2020 14:12
Operator : CG/JU
Sample : L3848-15DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LINDEN-BH-04-CDL

Quant Time: Sep 02 15:07:34 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	7.66	152	191351	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	808063	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	516588	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	1163463	20.00	ng		0.00
76) Chrysene-d12	21.14	240	1249325	20.00	ng		0.00
86) Perylene-d12	23.38	264	1354375	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	421434	38.94	ng		0.00
7) Phenol-d6	6.84	99	522903	38.54	ng		0.00
23) Nitrobenzene-d5	8.80	82	305843	27.29	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	280658	40.17	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	917593	26.01	ng		0.00
79) Terphenyl-d14	19.63	244	1433430	25.25	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.73	122	723	9.074	ng	#	86
49) Acenaphthylene	14.02	152	462954	9.653	ng		100
50) Dimethylphthalate	13.75	163	159690	4.054	ng		100
54) 2,4-Dinitrophenol	14.42	184	36	7.762	ng	#	1
71) Phenanthrene	17.09	178	935819	14.844	ng		99
72) Anthracene	17.18	178	453259	7.512	ng		99
75) Fluoranthene	19.07	202	3856532	52.928	ng		99
78) Pyrene	19.42	202	3837196	47.323	ng		99
81) Benzo(a)anthracene	21.13	228	2784186	35.578	ng		95
83) Chrysene	21.18	228	2136690	28.517	ng		97
87) Indeno(1,2,3-cd)pyrene	25.65	276	1238387	12.261	ng		97
88) Benzo(b)fluoranthene	22.72	252	2835970	33.690	ng		98
89) Benzo(k)fluoranthene	22.72	252	2835970	35.261	ng		98
90) Benzo(a)pyrene	23.29	252	2244240	28.737	ng		97
91) Dibenzo(a,h)anthracene	25.92	278	359584	4.334	ng		94
92) Benzo(g,h,i)perylene	26.34	276	1032751	12.403	ng		99

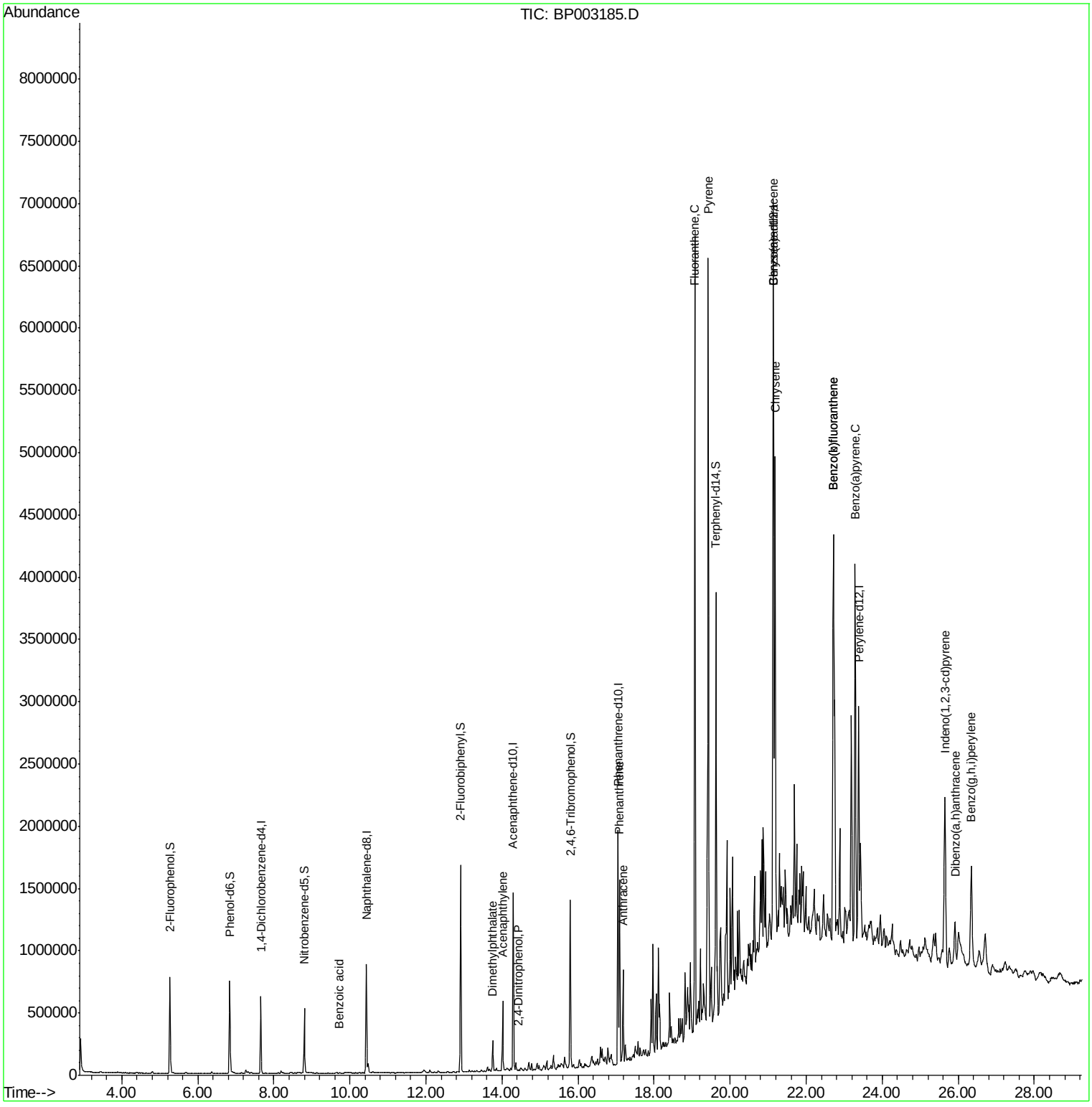
(#) = qualifier out of range (m) = manual integration (+) = signals summed

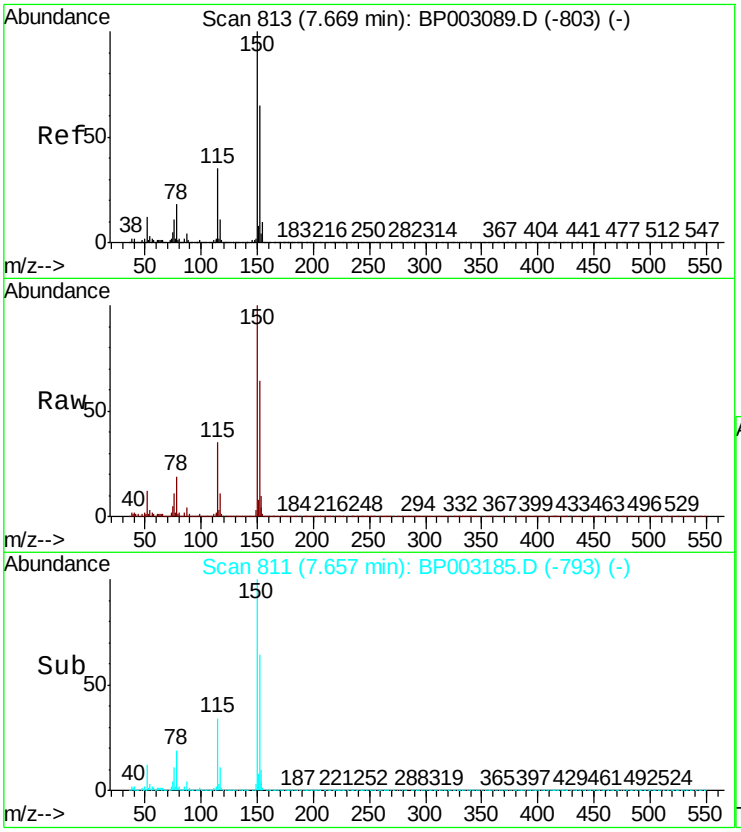
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003185.D
Acq On : 02 Sep 2020 14:12
Operator : CG/JU
Sample : L3848-15DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Quant Time: Sep 02 15:07:34 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



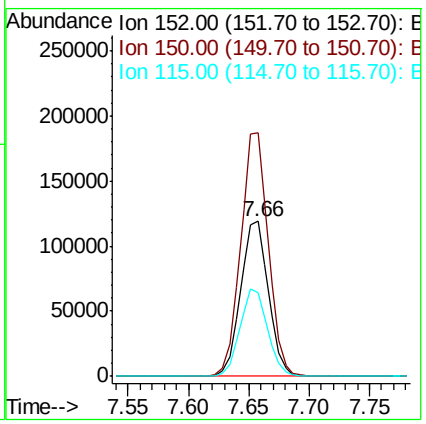


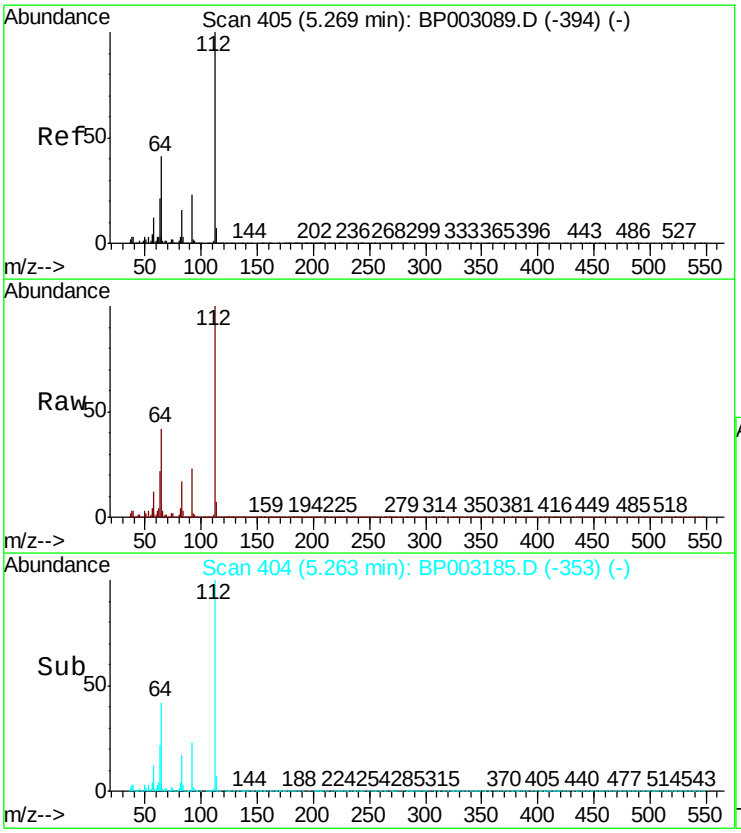
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 811
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:152 Resp: 191351

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.6
115	54.4	43.8	65.6

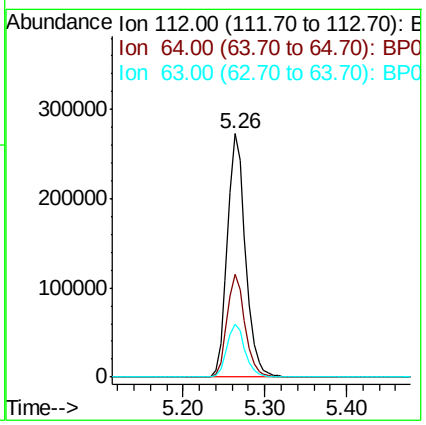


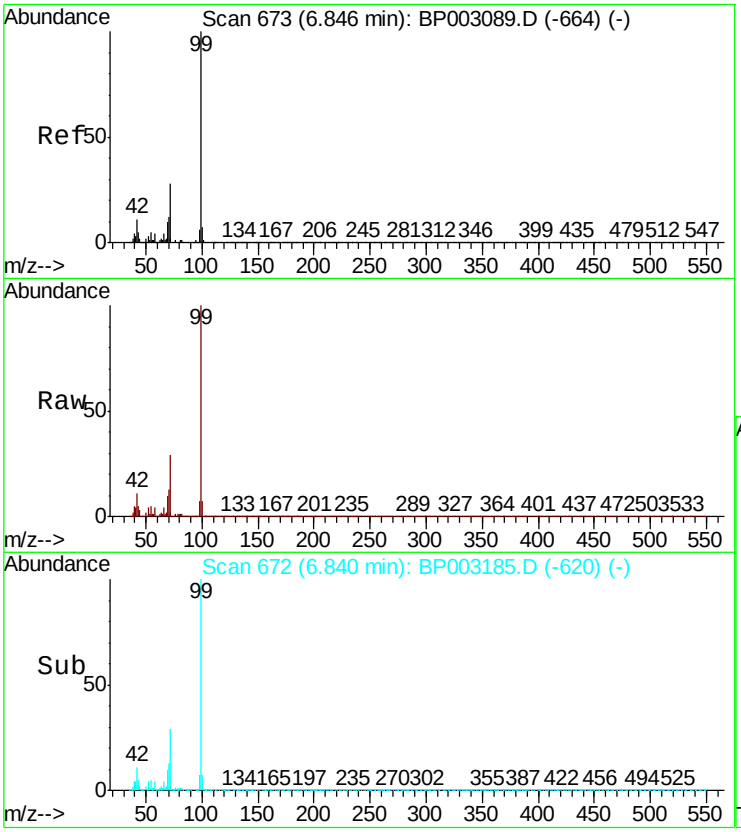


#5
2-Fluorophenol
Concen: 38.939 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:112 Resp: 421434

Ion	Ratio	Lower	Upper
112	100		
64	42.1	32.8	49.2
63	21.6	17.0	25.4



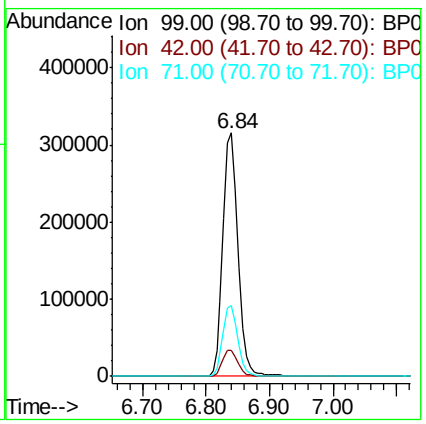


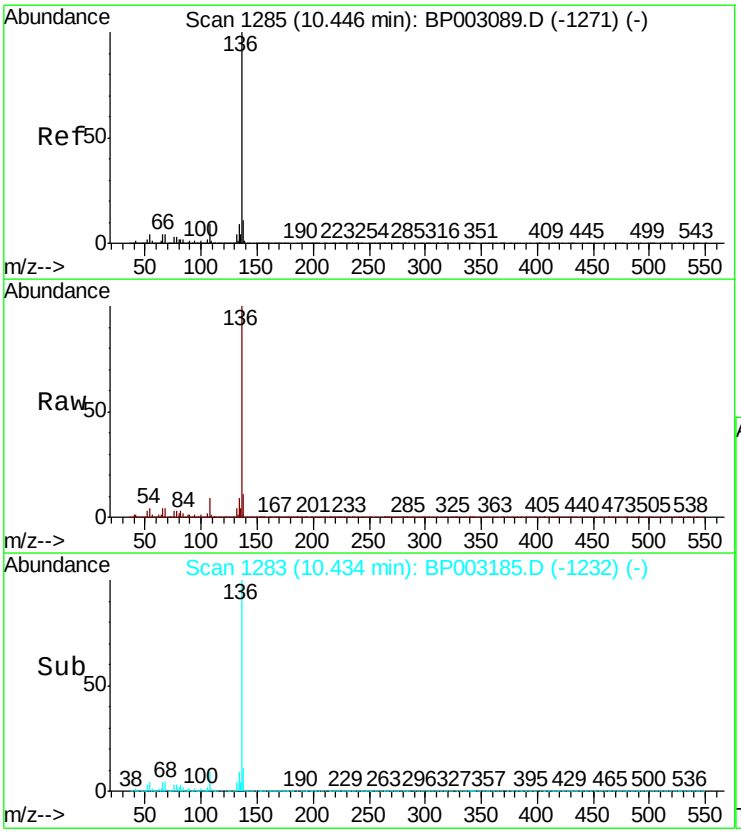
#7
Phenol-d6
Concen: 38.542 ng
RT: 6.84 min Scan# 672
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion: 99 Resp: 522903

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	13.0
71	29.2	23.4	35.2

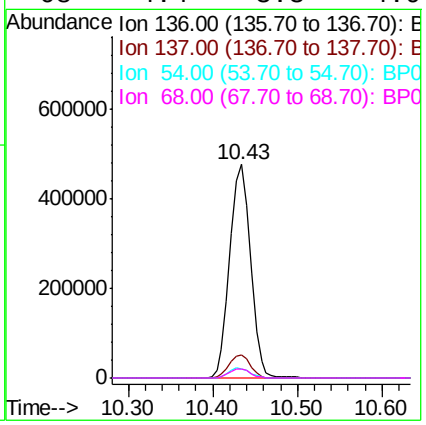


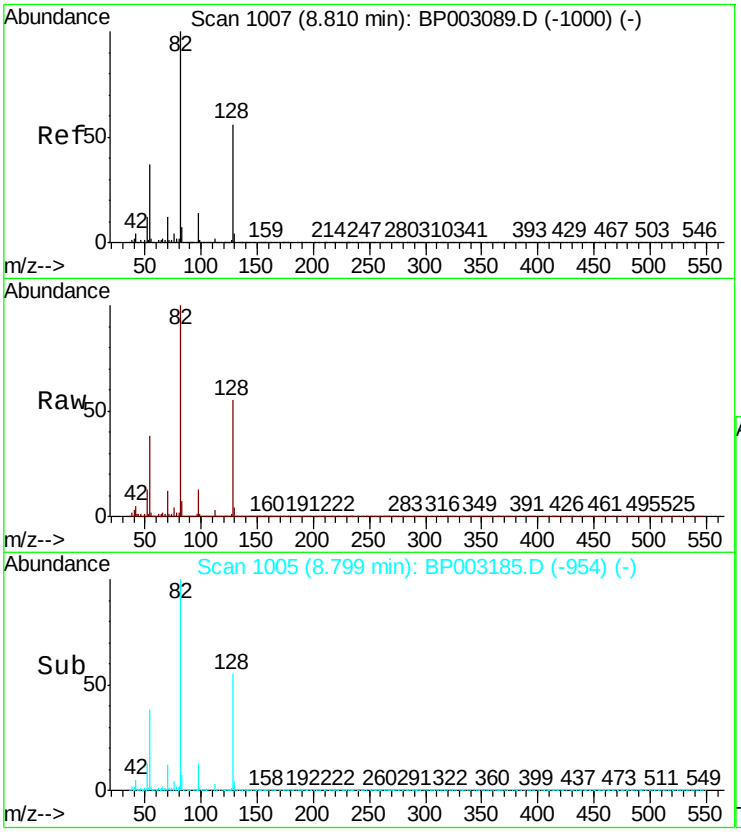


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:136 Resp: 808063

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.5	3.6	5.4
68	4.4	3.3	4.9



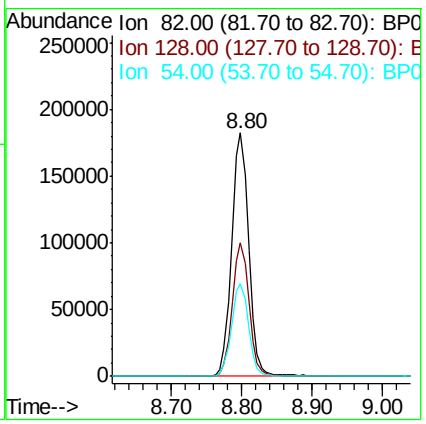


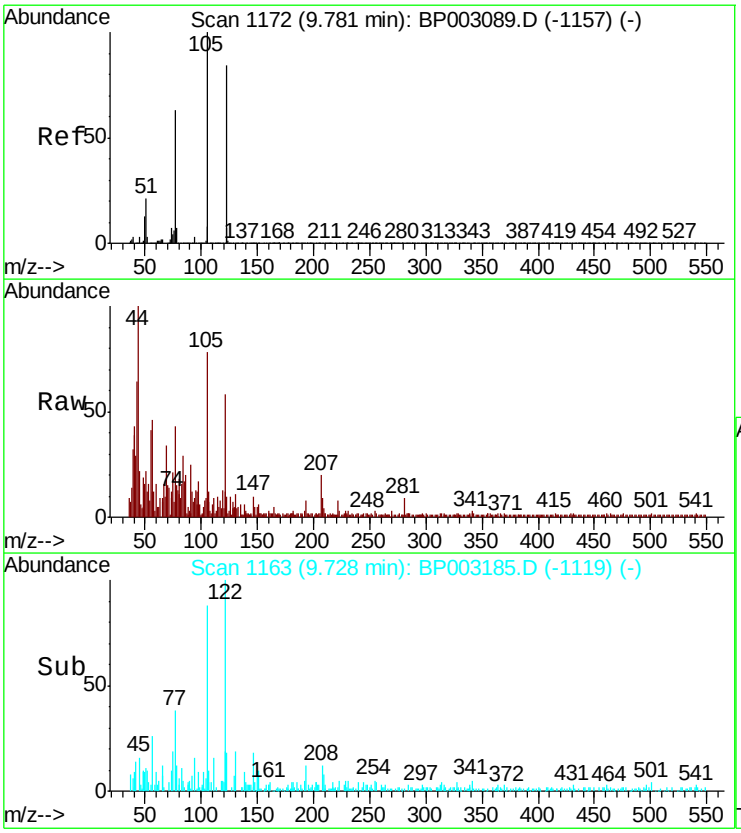
#23
Nitrobenzene-d5
Concen: 27.286 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion: 82 Resp: 305843

Ion	Ratio	Lower	Upper
82	100		
128	55.0	45.6	68.4
54	38.2	30.1	45.1

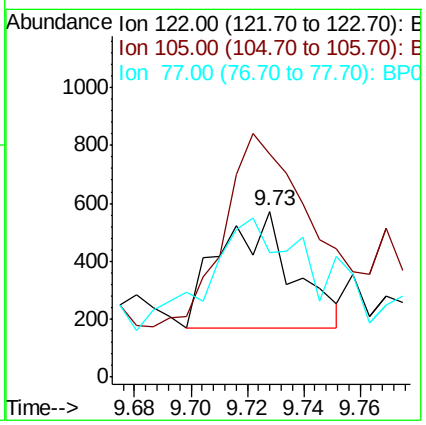


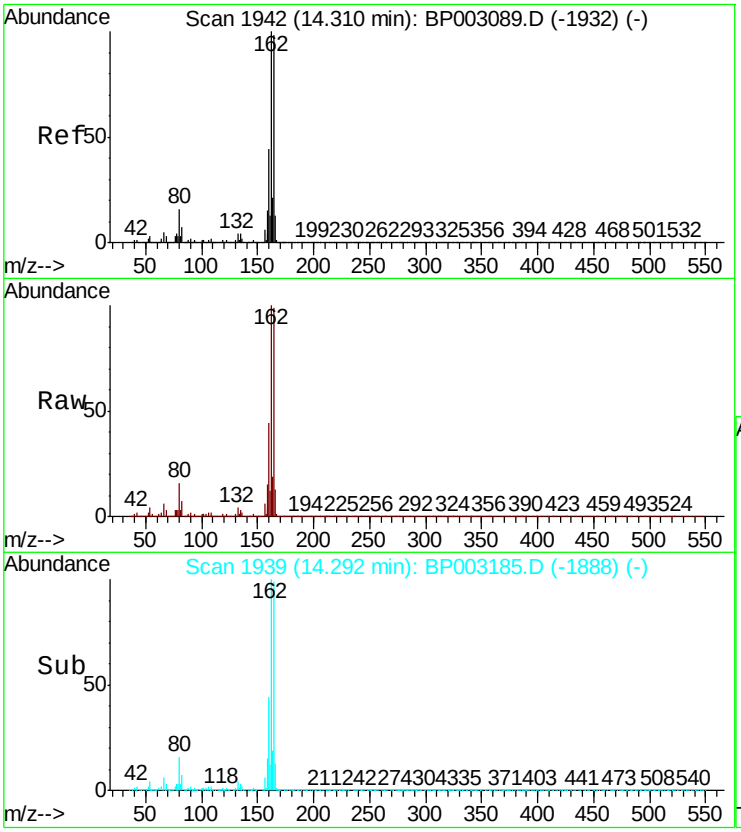


#32
Benzoic acid
Concen: 9.074 ng
RT: 9.73 min Scan# 1163
Delta R.T. -0.04 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:122 Resp: 723

Ion	Ratio	Lower	Upper
122	100		
105	134.4	94.1	134.1#
77	75.0	50.1	90.1



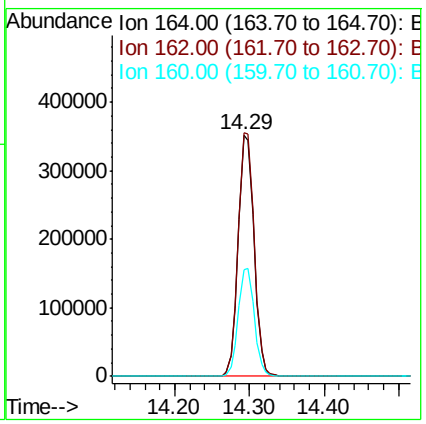


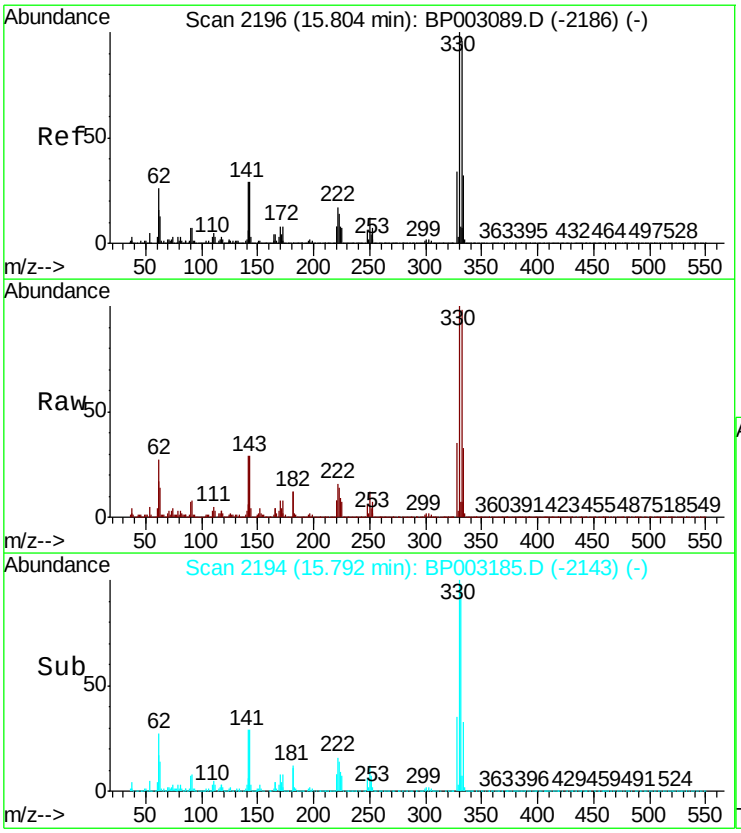
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:164 Resp: 516588

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.4	119.2
160	44.2	36.1	54.1

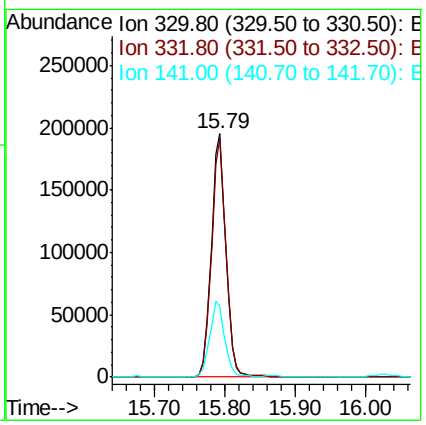


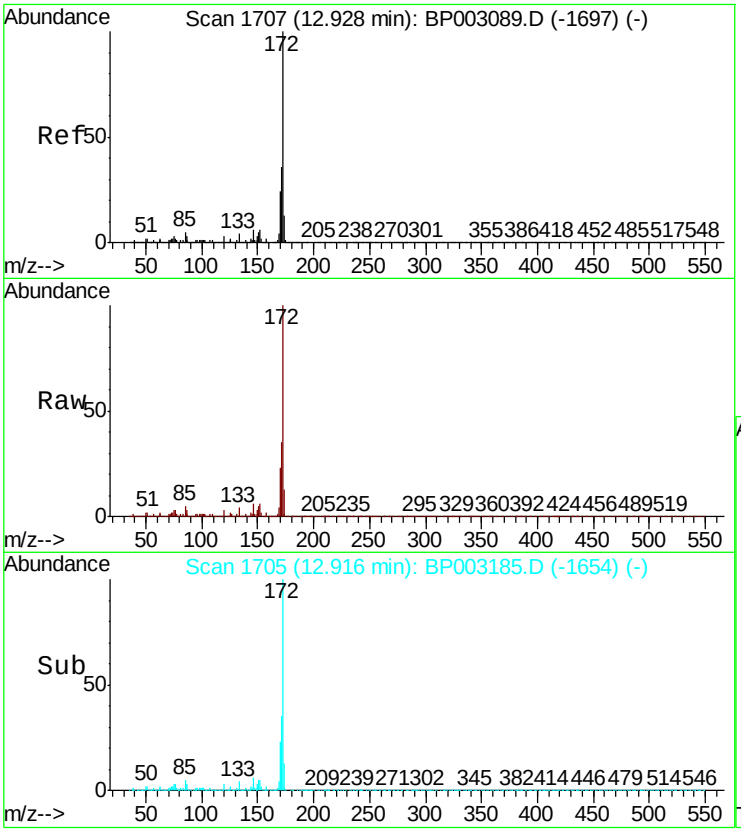


#42
2,4,6-Tribromophenol
Concen: 40.170 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:330 Resp: 280658

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	30.9	23.4	35.2



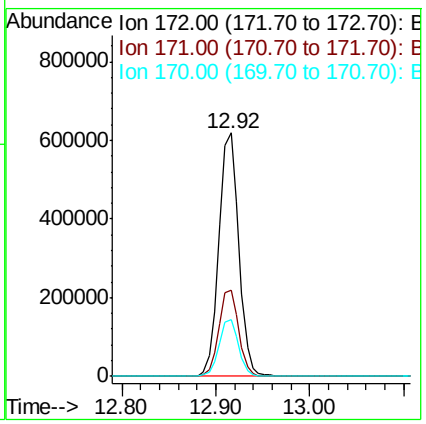


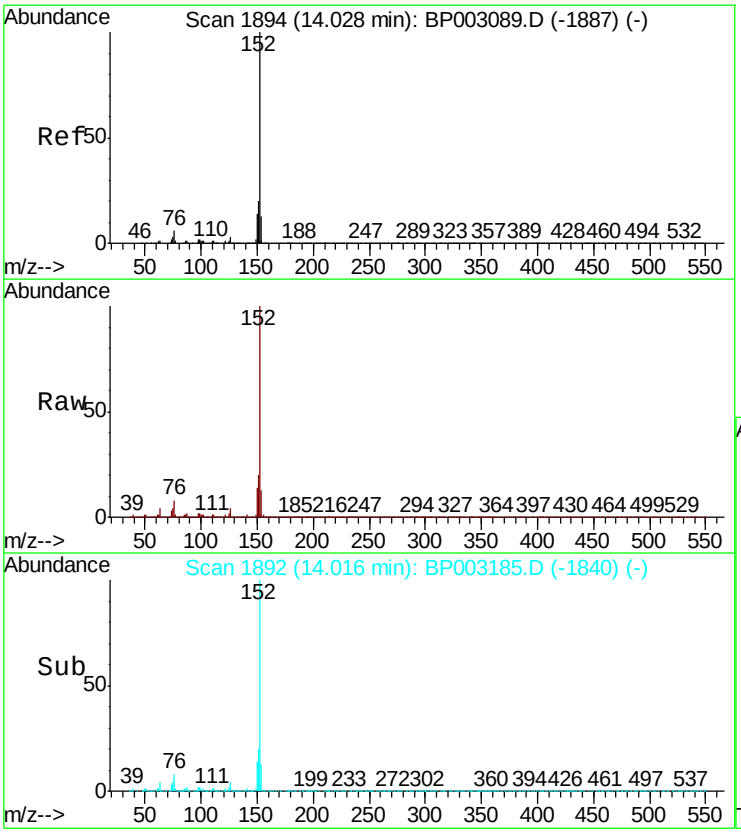
#45
2-Fluorobiphenyl
Concen: 26.012 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:172 Resp: 917593

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.5	19.2	28.8

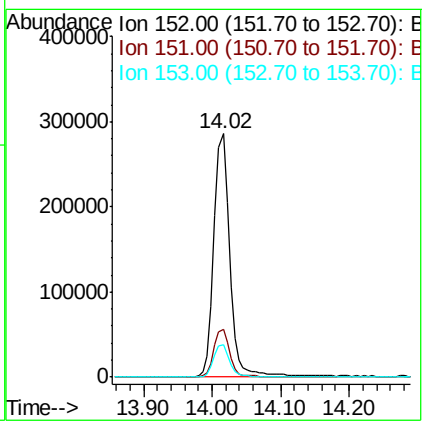


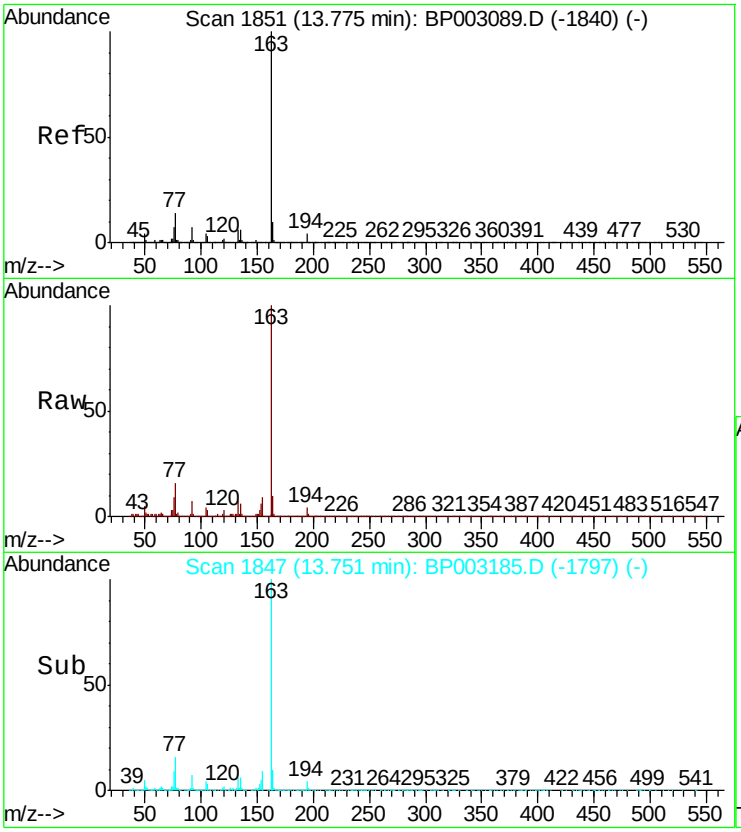


#49
Acenaphthylene
Concen: 9.653 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:152 Resp: 462954

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.4	10.5	15.7



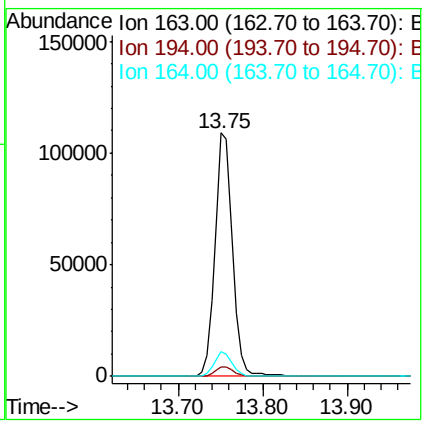


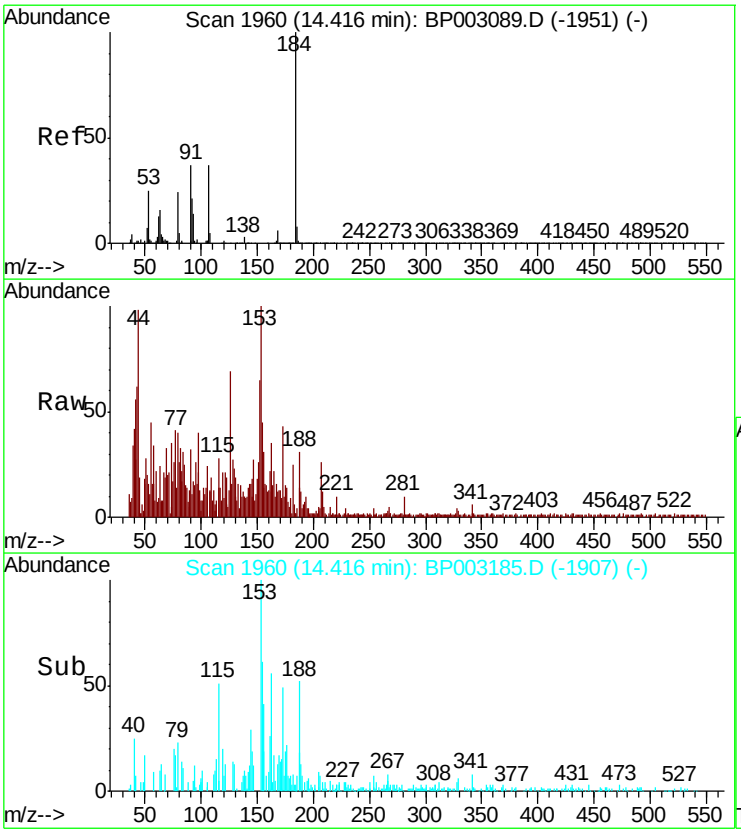
#50
Dimethylphthalate
Concen: 4.054 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:163 Resp: 159690

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	10.2	8.2	12.2

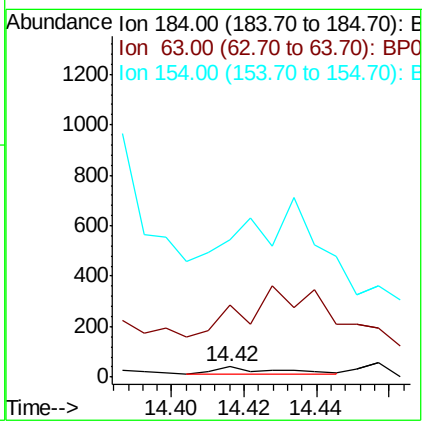


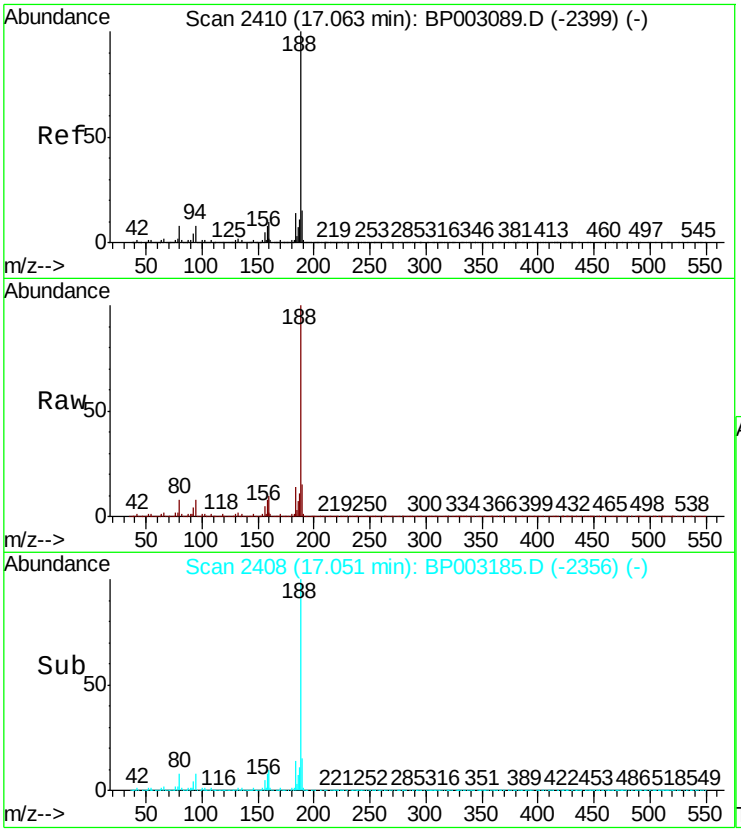


#54
2,4-Dinitrophenol
Concen: 7.762 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:184 Resp: 36

Ion	Ratio	Lower	Upper
184	100		
63	700.0	32.3	48.5#
154	1334.1	49.1	73.7#



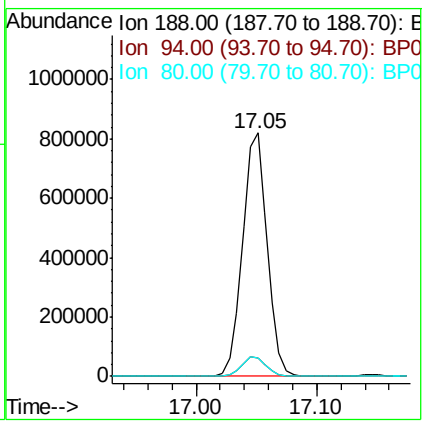


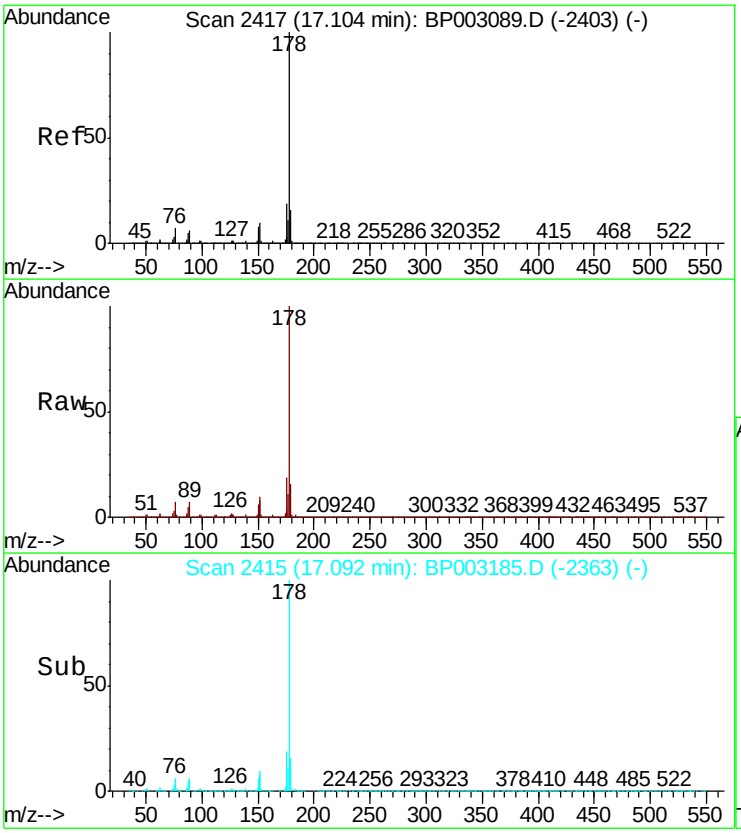
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:188 Resp: 1163463

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.2	9.2
80	7.7	6.2	9.2

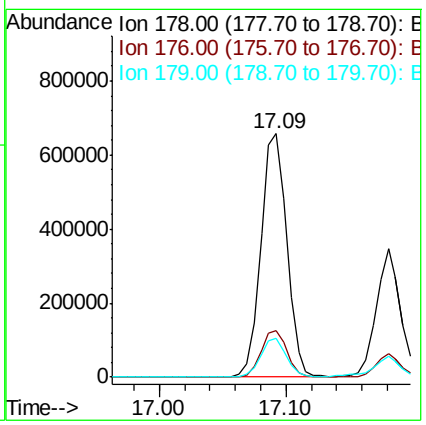


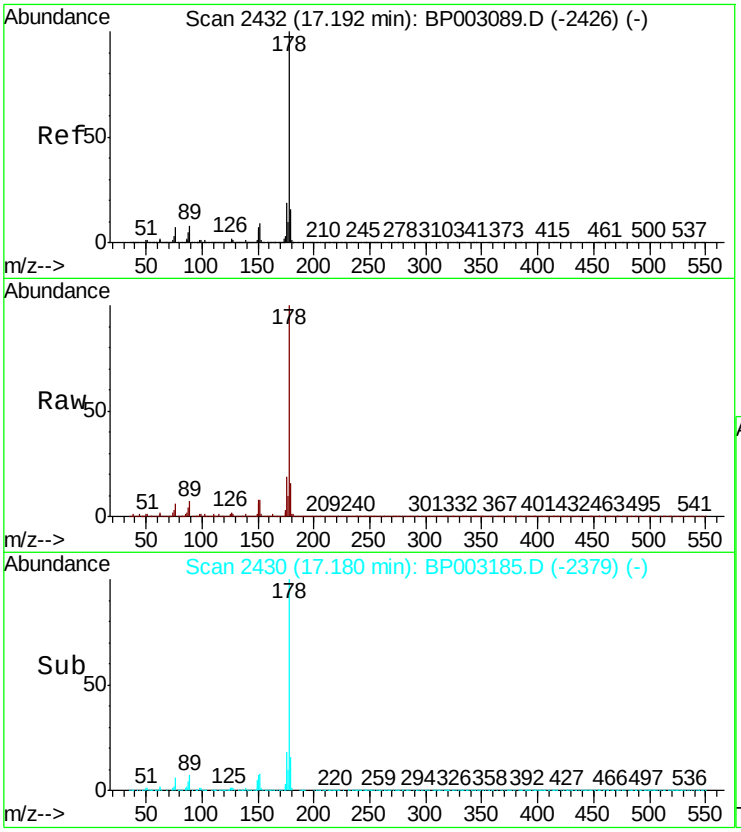


#71
Phenanthrene
Concen: 14.844 ng
RT: 17.09 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:178 Resp: 935819

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.9	12.5	18.7



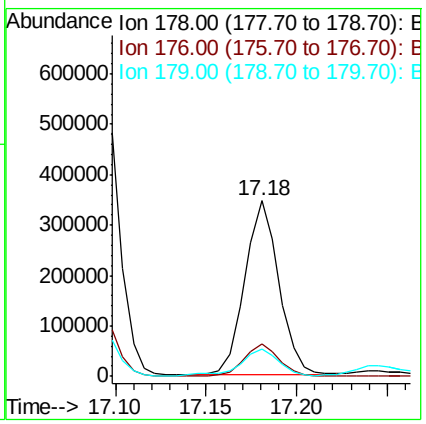


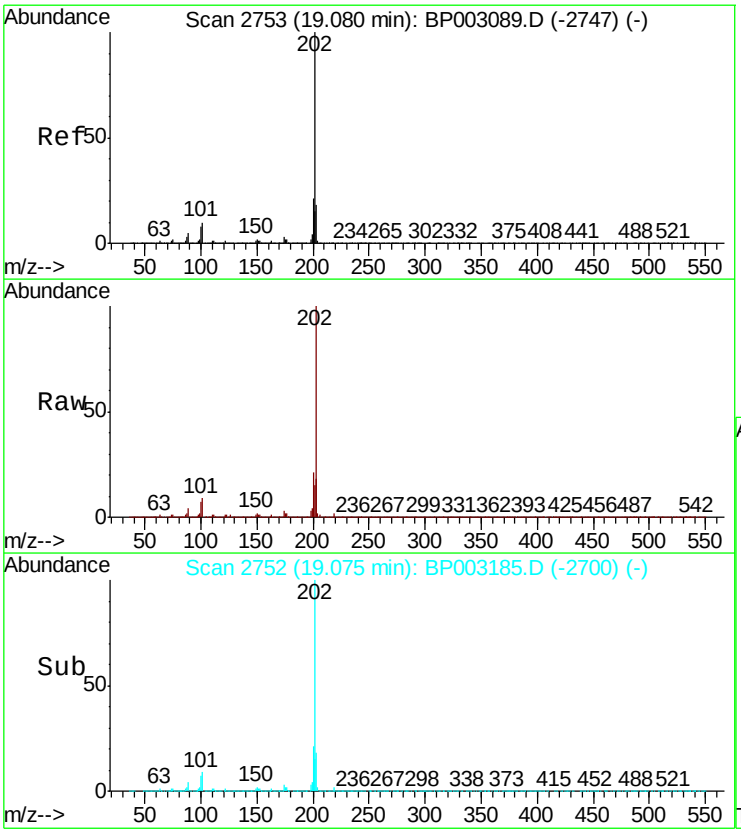
#72
Anthracene
Concen: 7.512 ng
RT: 17.18 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:178 Resp: 453259

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.9	12.5	18.7

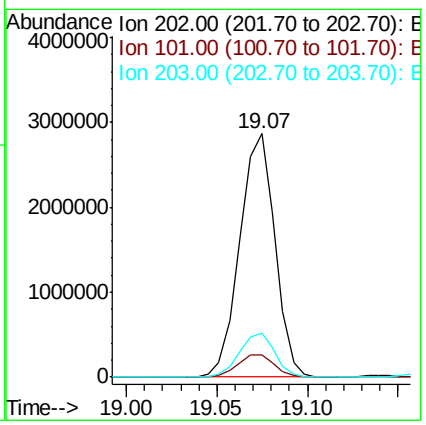


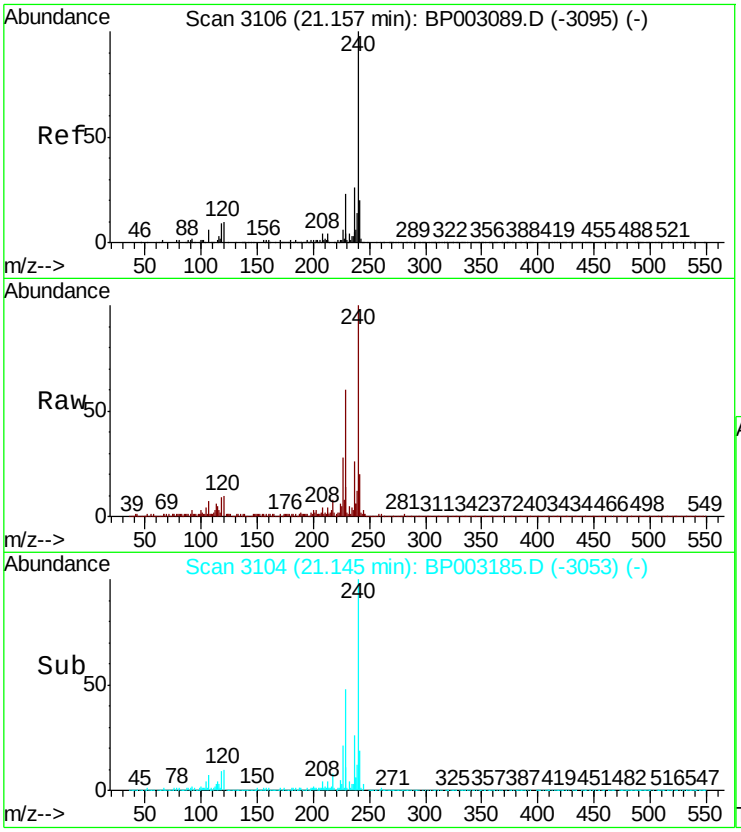


#75
Fluoranthene
Concen: 52.928 ng
RT: 19.07 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:202 Resp: 3856532

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.4
203	18.2	0.0	37.8



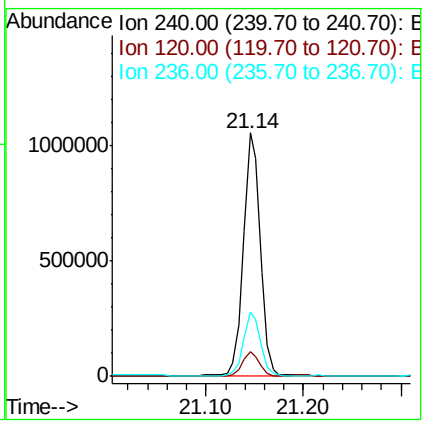


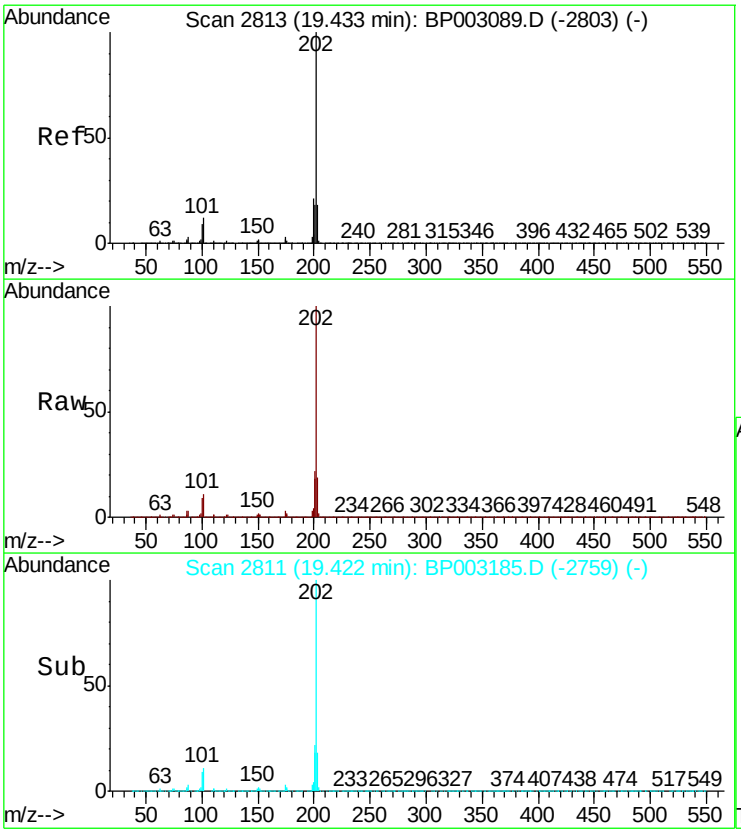
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:240 Resp: 1249325

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.8	11.6
236	26.3	20.8	31.2

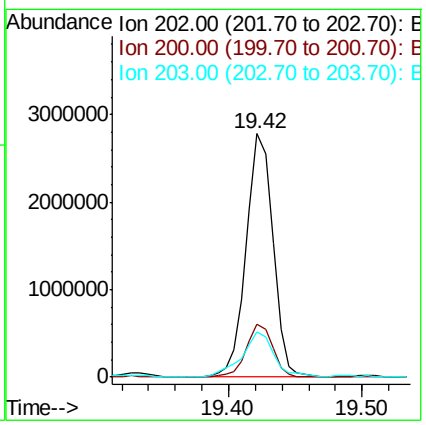


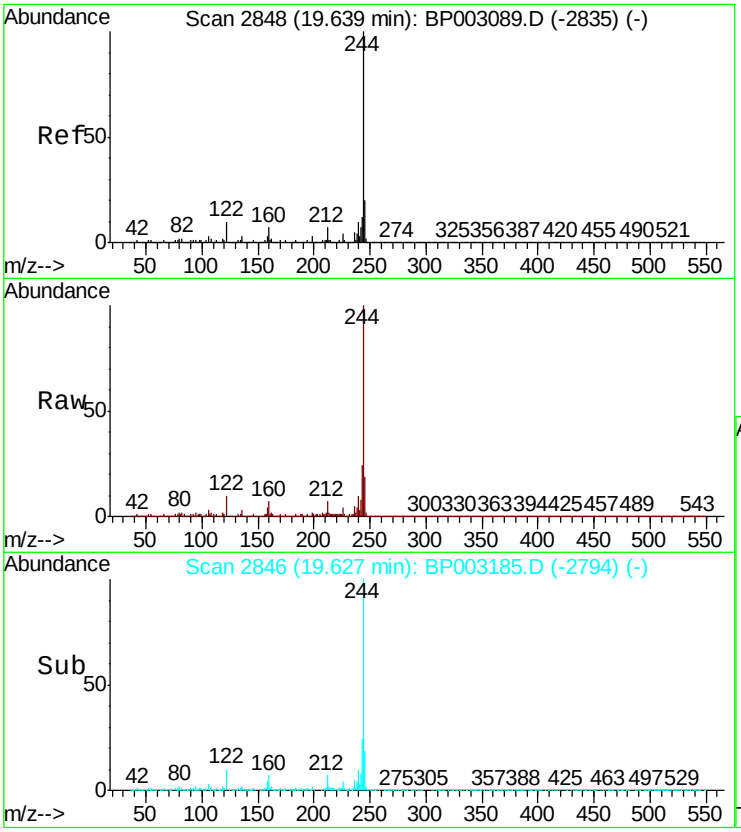


#78
Pyrene
Concen: 47.323 ng
RT: 19.42 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:202 Resp: 3837196

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.1	25.7
203	18.5	14.2	21.2



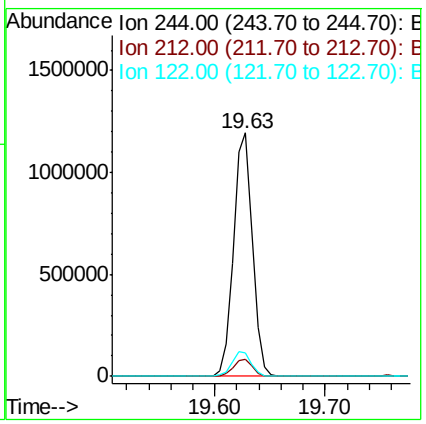


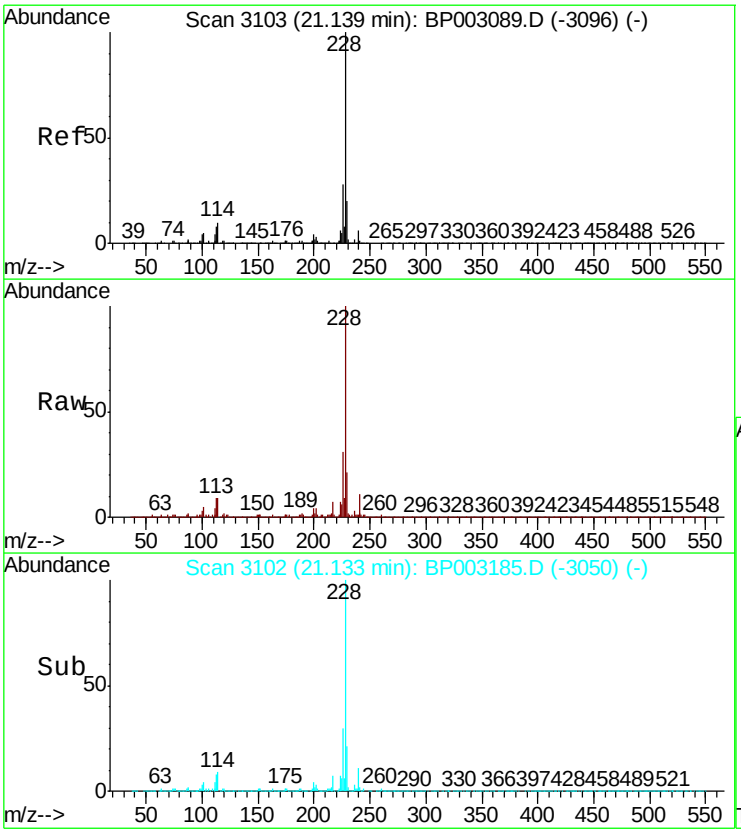
#79
Terphenyl-d14
Concen: 25.247 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:244 Resp: 1433430

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.6	7.8	11.8

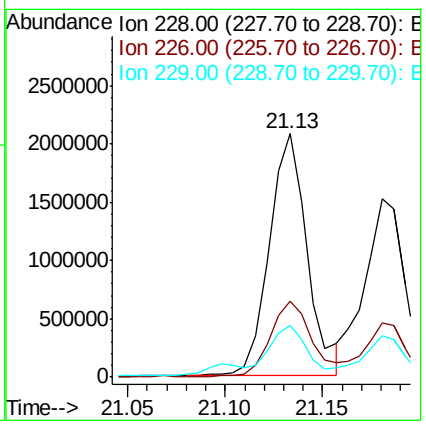


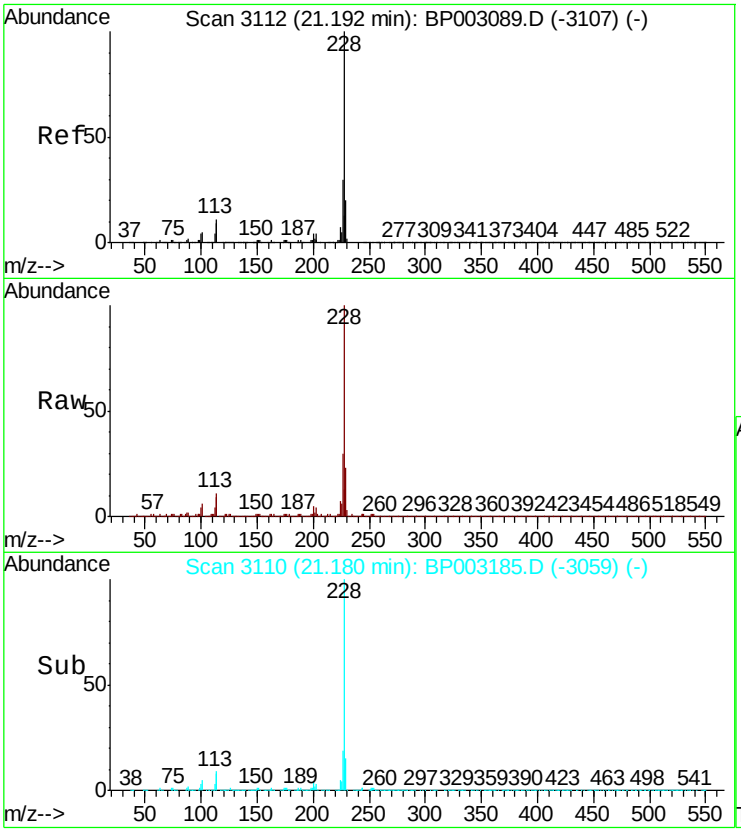


#81
Benzo(a)anthracene
Concen: 35.578 ng
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:228 Resp: 2784186

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.1	33.1
229	21.4	15.9	23.9



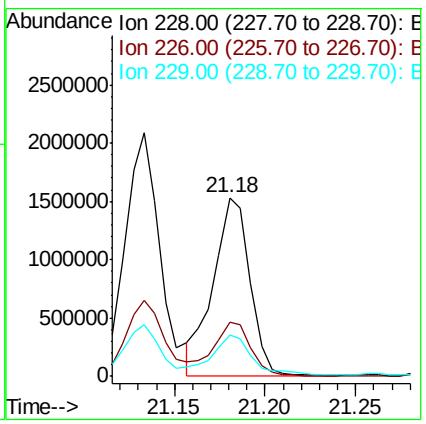


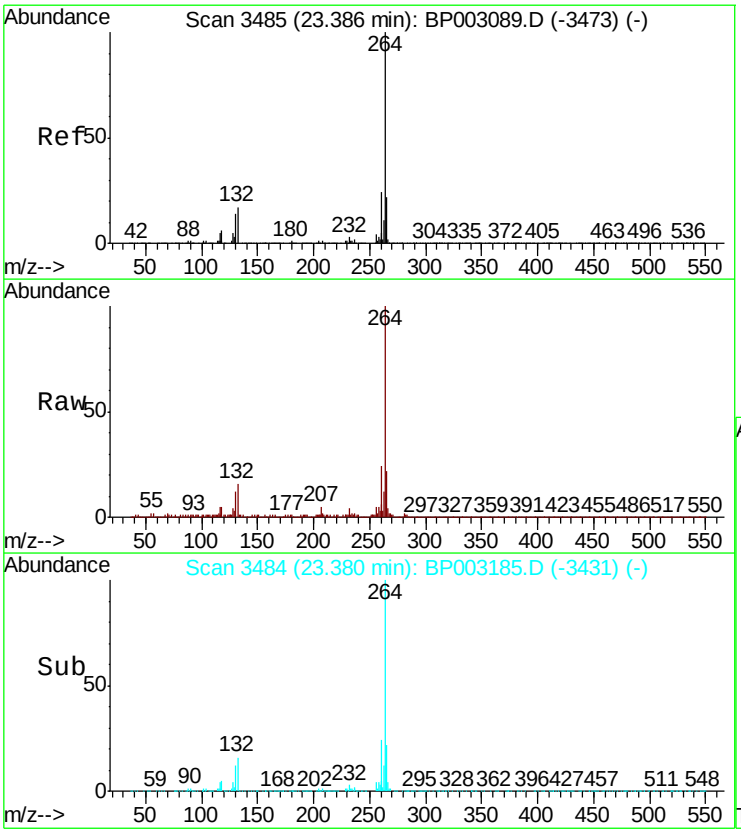
#83
Chrysene
Concen: 28.517 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:228 Resp: 2136690

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	23.1	15.8	23.6

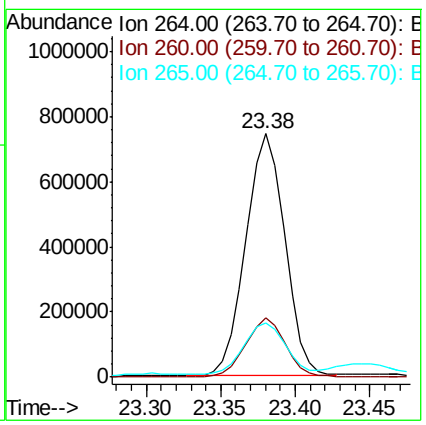


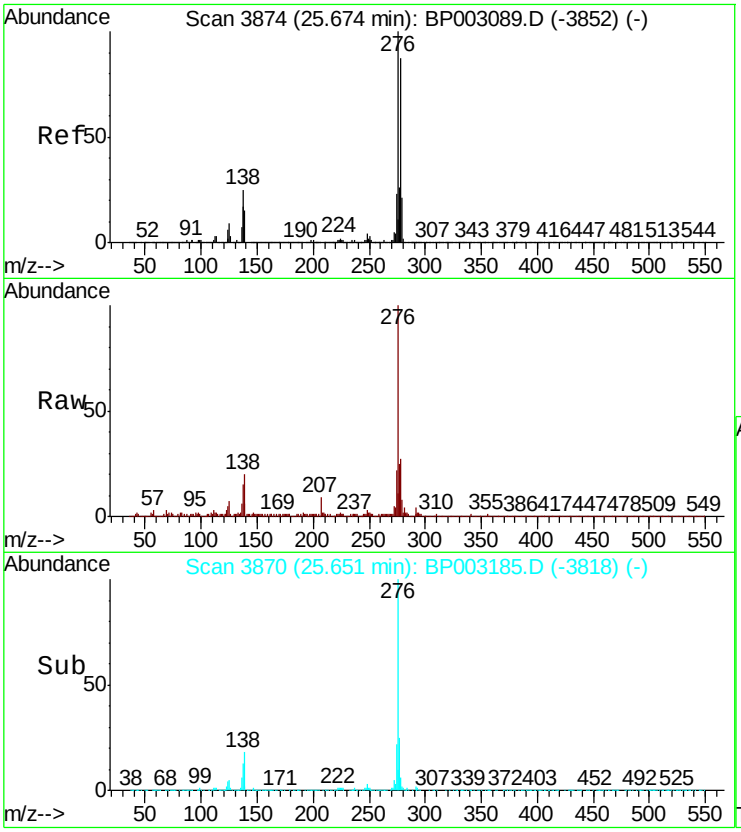


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:264 Resp: 1354375

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.4	17.4	26.2



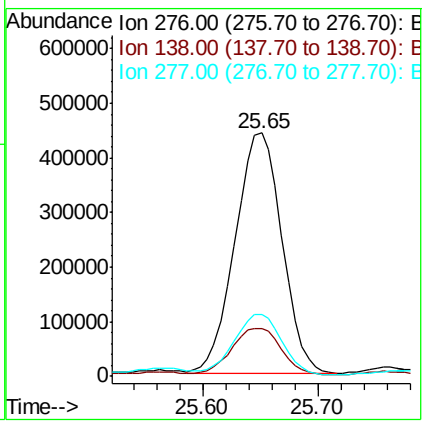


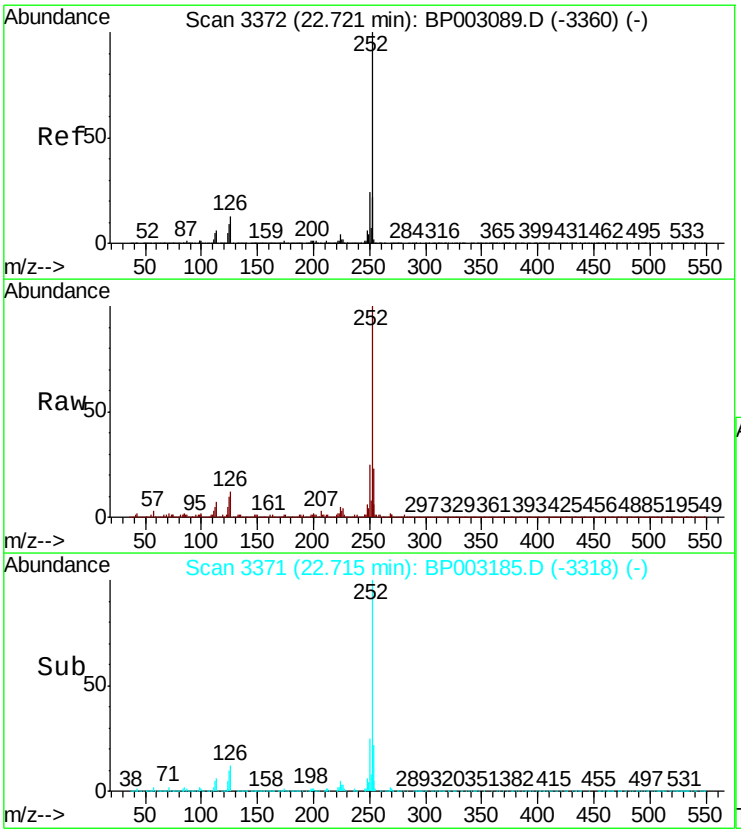
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.261 ng
RT: 25.65 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:276 Resp: 1238387

Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.7	28.1
277	25.6	20.4	30.6

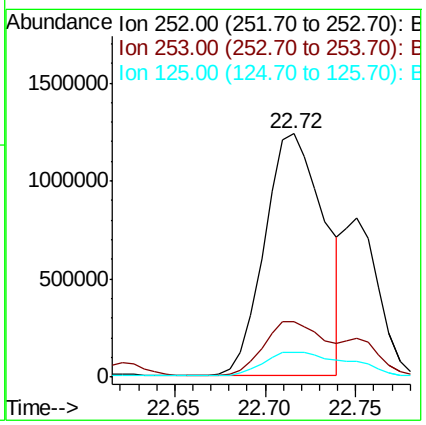


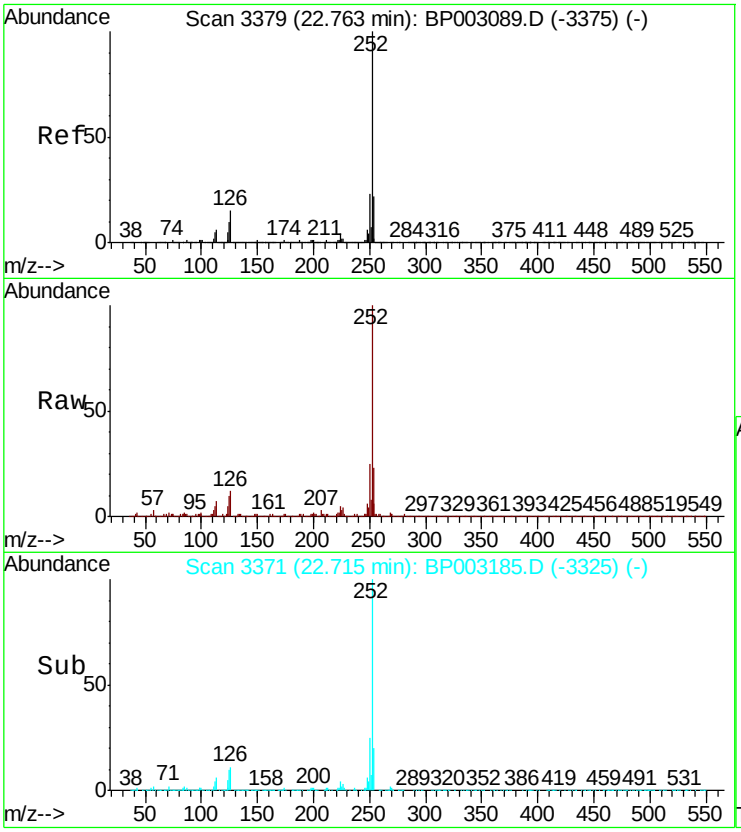


#88
Benzo(b)fluoranthene
Concen: 33.690 ng
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:252 Resp: 2835970

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.4	7.3	10.9



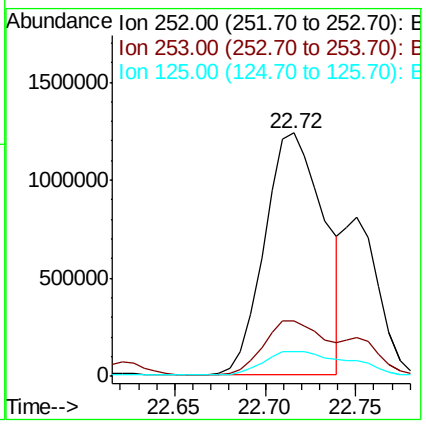


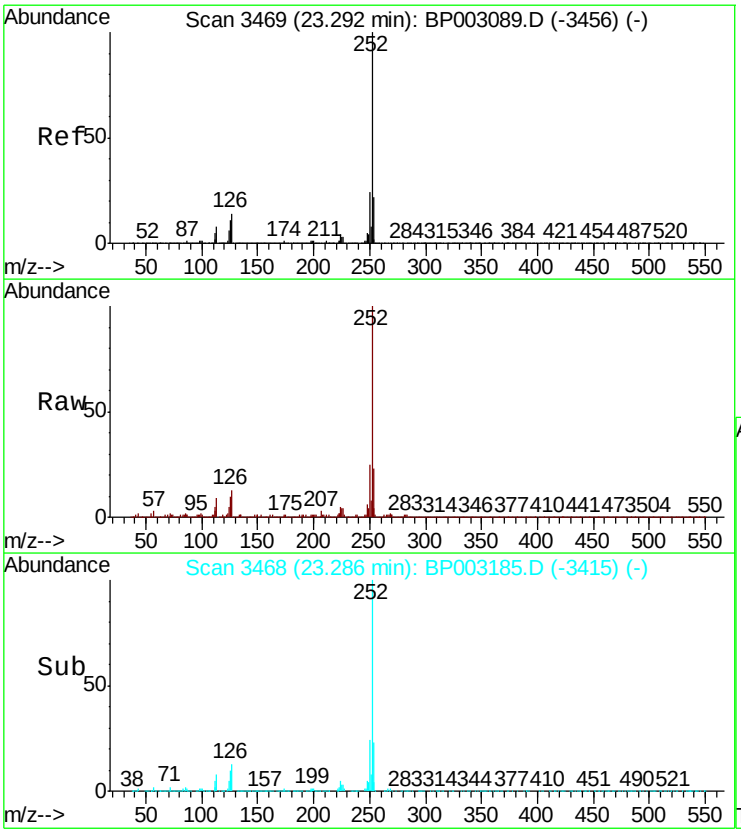
#89
Benzo(k)fluoranthene
Concen: 35.261 ng
RT: 22.72 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:252 Resp: 2835970

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.4	7.4	11.2

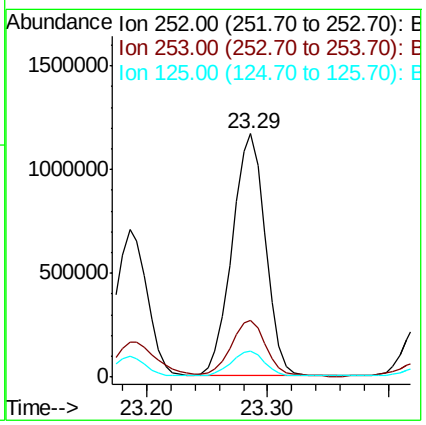


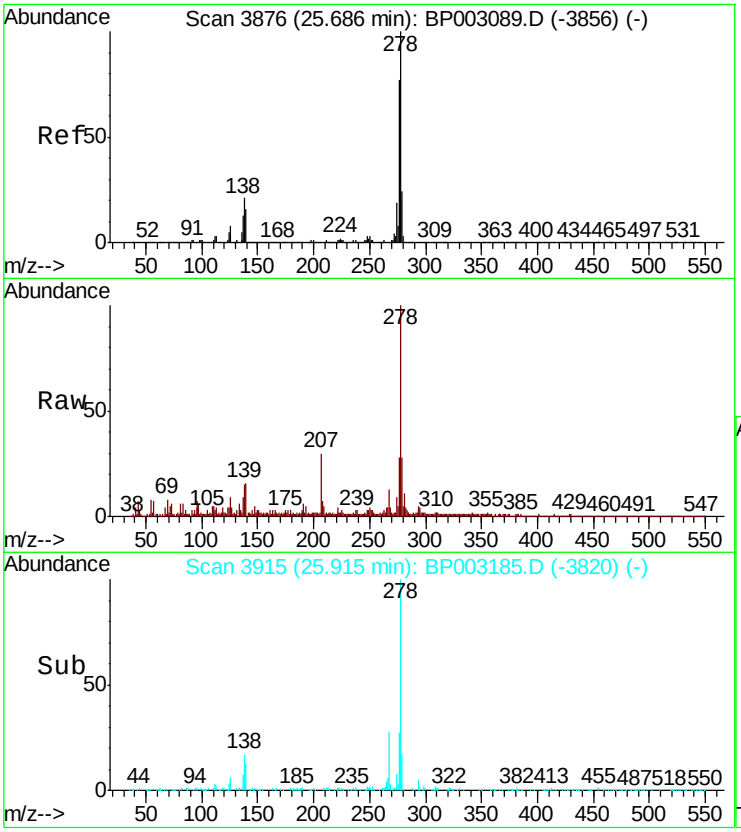


#90
Benzo(a)pyrene
Concen: 28.737 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:252 Resp: 2244240

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.4	8.2	12.4



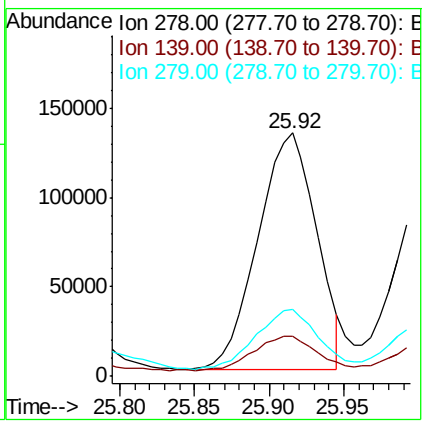


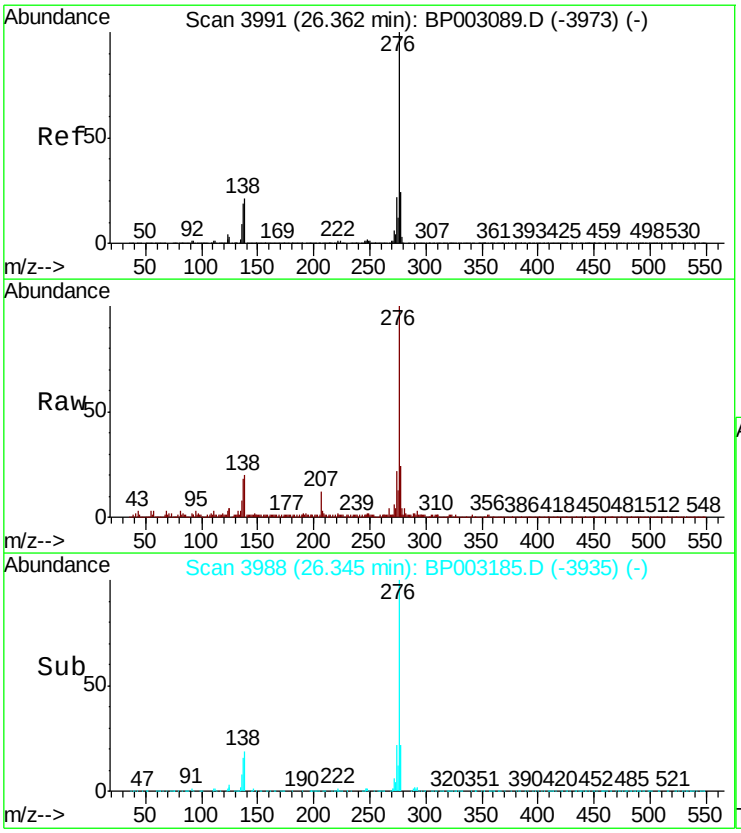
#91
Dibenzo(a,h)anthracene
Concen: 4.334 ng
RT: 25.92 min Scan# 3915
Delta R.T. 0.26 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-CDL

Tgt Ion:278 Resp: 359584

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.4	18.6
279	27.6	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 12.403 ng
RT: 26.34 min Scan# 3988
Delta R.T. 0.01 min
Lab File: BP003185.D
Acq: 02 Sep 2020 14:12

Tgt Ion:276 Resp: 1032751

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	20.1	16.6	24.8