Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002920.D
Acq On : 06 Aug 2020 15:15
Operator : CG/JU
Sample : L3548-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-004

Quant Time: Aug 06 16:38:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	369311	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1489042	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	972822	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2281143	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2826605	20.00	ng	0.00
86) Perylene-d12	23.45	264	3089710	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2474204	102.54	ng	0.00
7) Phenol-d6	6.89	99	3225353	96.27	ng	0.00
23) Nitrobenzene-d5	8.85	82	1859828	67.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	1591710	131.64	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4938356	69.36	ng	-0.01
79) Terphenyl-d14	19.67	244	8418939	59.63	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.80	163	524370	6.892	ng	99
71) Phenanthrene	17.14	178	334909	2.504	ng	99
75) Fluoranthene	19.12	202	962963	6.248	ng	98
78) Pyrene	19.47	202	911854	4.615	ng	97
80) Butylbenzylphthalate	20.36	149	16907	3.255	ng	95
81) Benzo(a)anthracene	21.17	228	570430	2.963	ng	99
83) Chrysene	21.23	228	612582	3.373	ng	97
88) Benzo(b)fluoranthene	22.77	252	936766	4.296	ng	99
90) Benzo(a)pyrene	23.35	252	582741	2.958	ng	99

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

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Acq On : 06 Aug 2020 15:15
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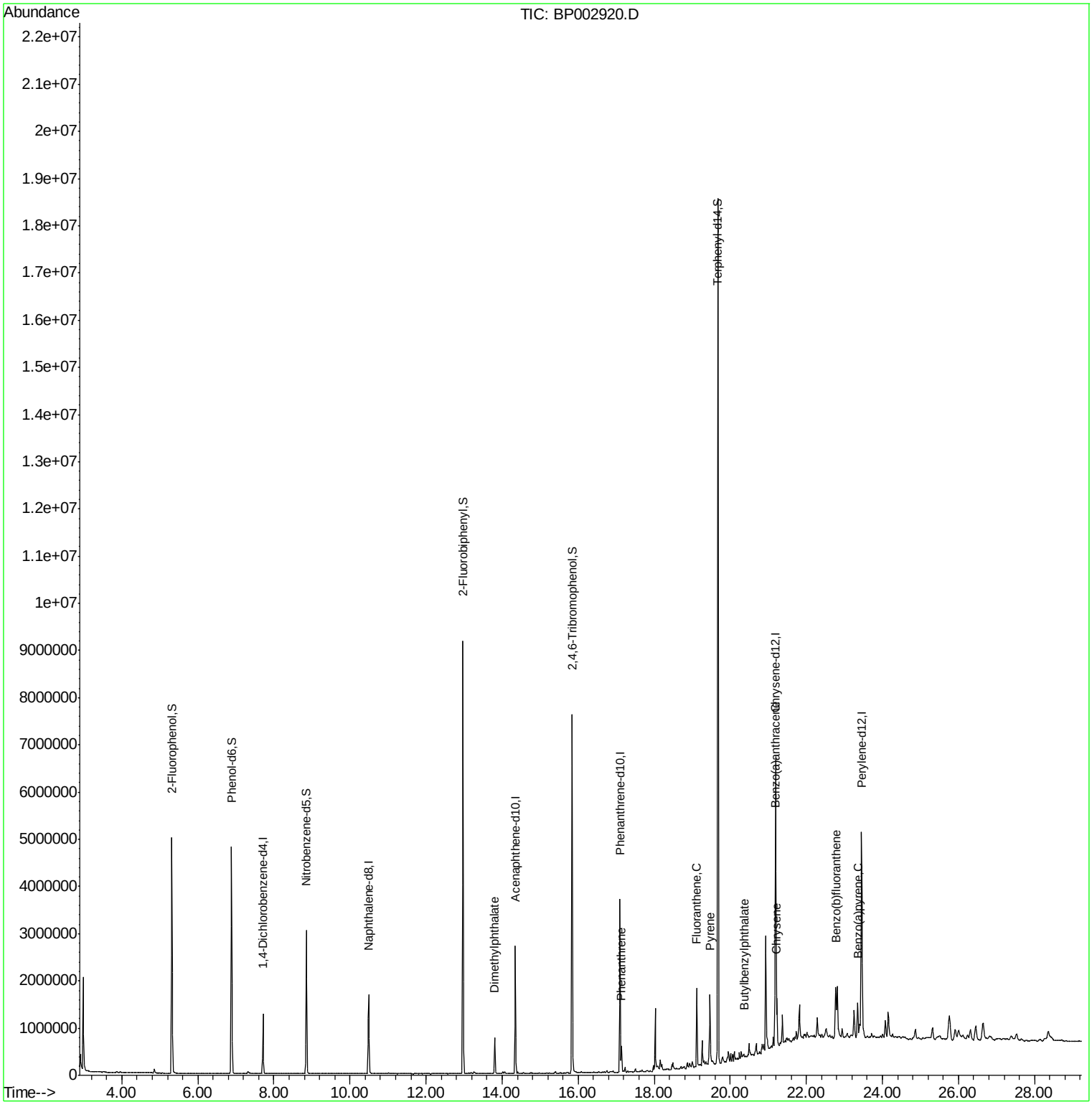
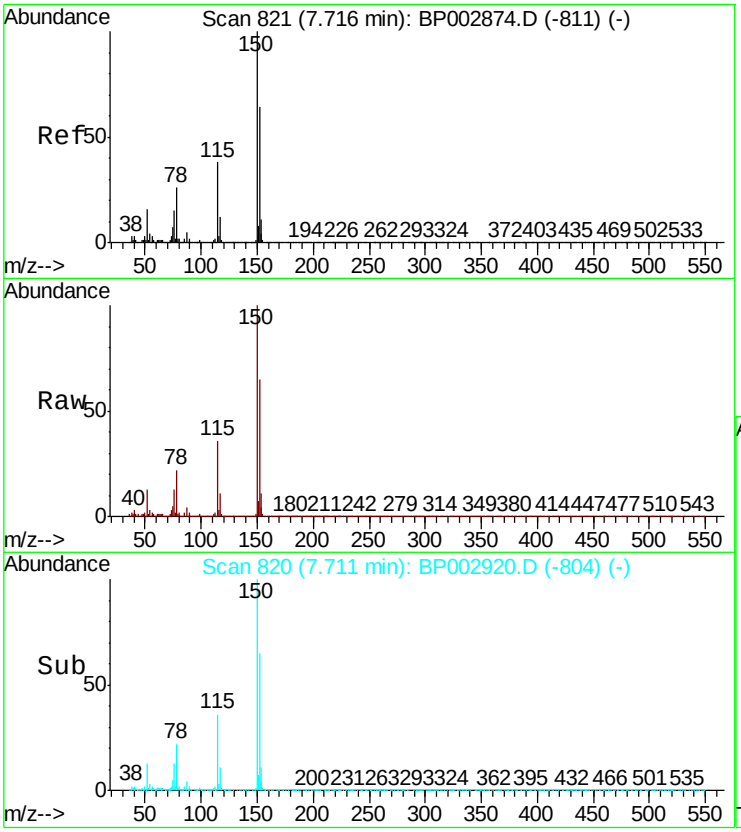
Quant Time: Aug 06 16:38:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration



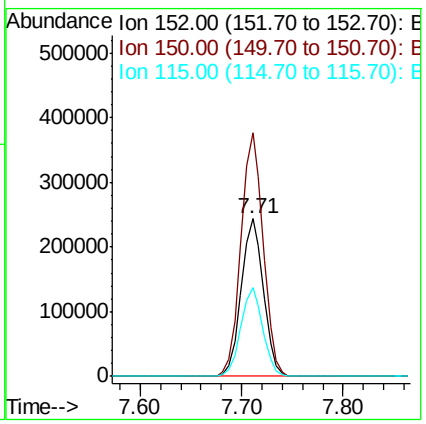


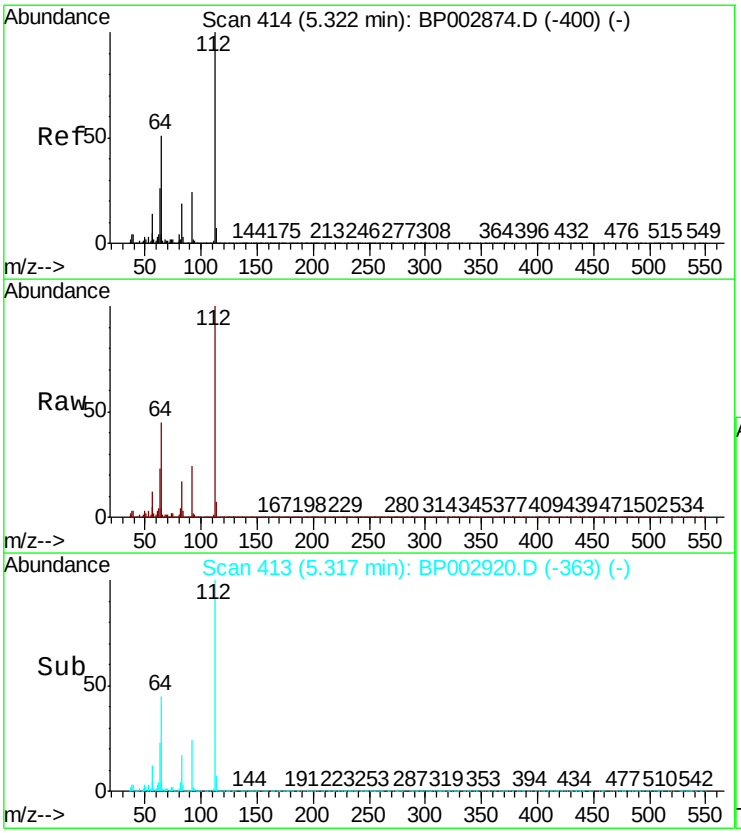
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:152 Resp: 369311

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.8	187.2
115	56.3	47.4	71.2

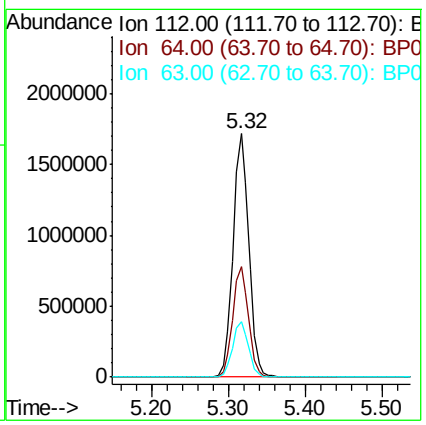


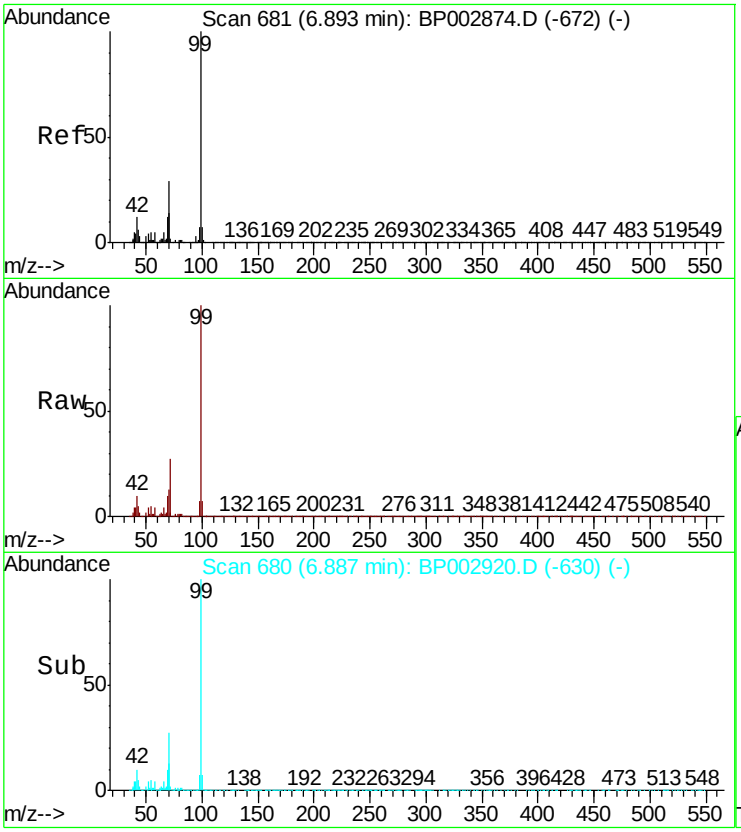


#5
2-Fluorophenol
Concen: 102.536 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:112 Resp: 2474204

Ion	Ratio	Lower	Upper
112	100		
64	45.4	41.0	61.6
63	22.9	20.7	31.1



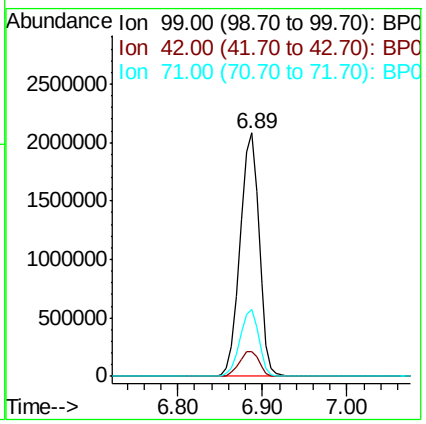


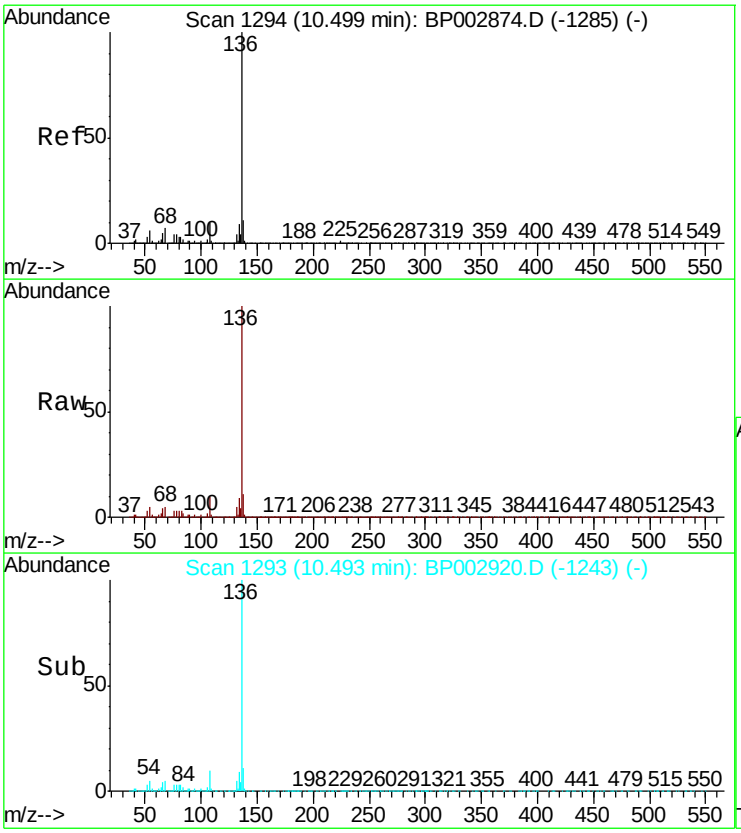
#7
Phenol-d6
Concen: 96.275 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion: 99 Resp: 3225353

Ion	Ratio	Lower	Upper
99	100		
42	10.4	9.3	13.9
71	27.4	23.5	35.3

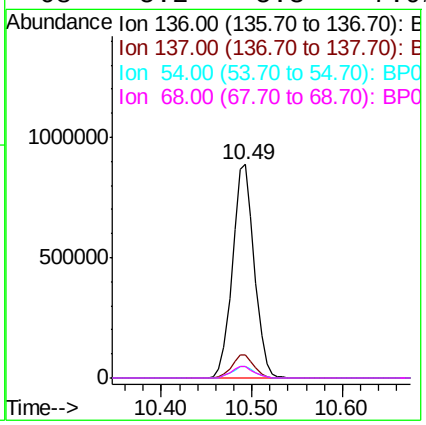


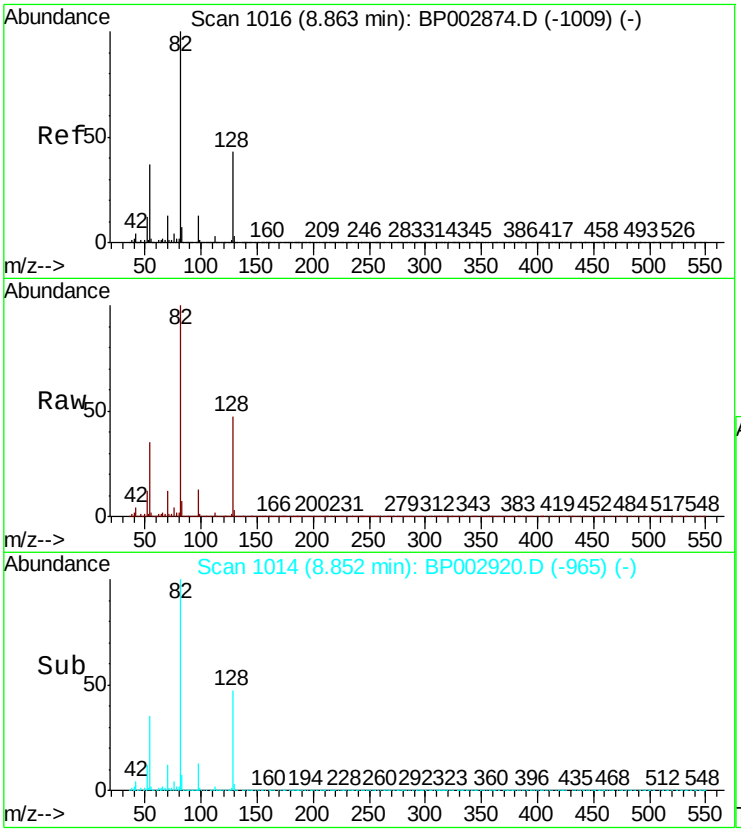


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:136 Resp: 1489042

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.2	5.1	7.7
68	5.2	5.3	7.9#



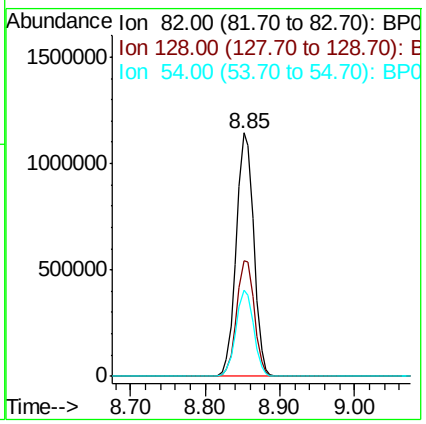


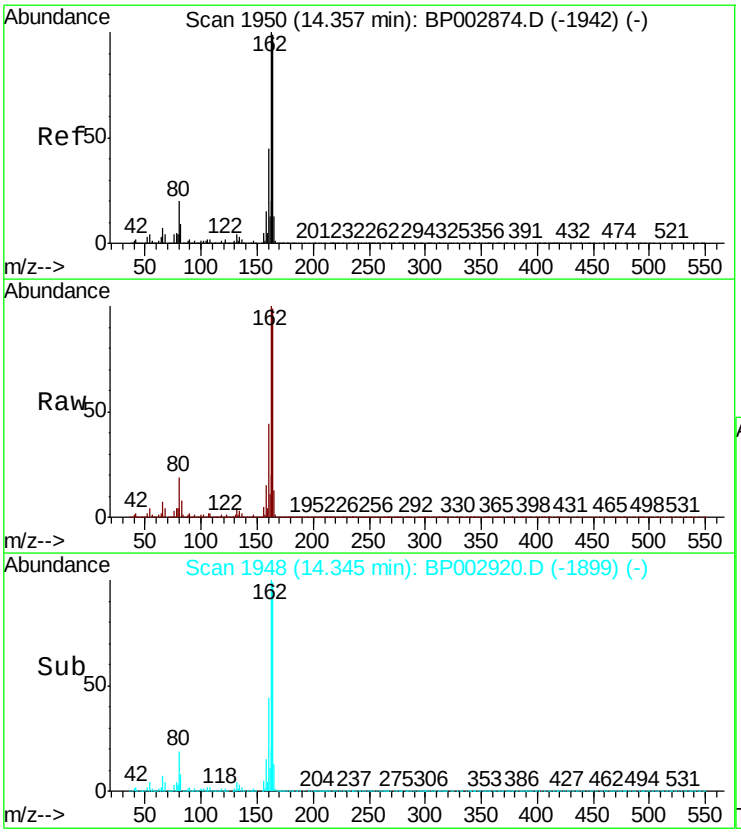
#23
Nitrobenzene-d5
Concen: 67.649 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion: 82 Resp: 1859828

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.6	52.0
54	35.4	29.5	44.3

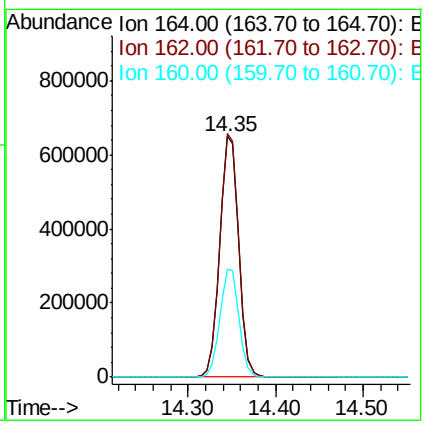


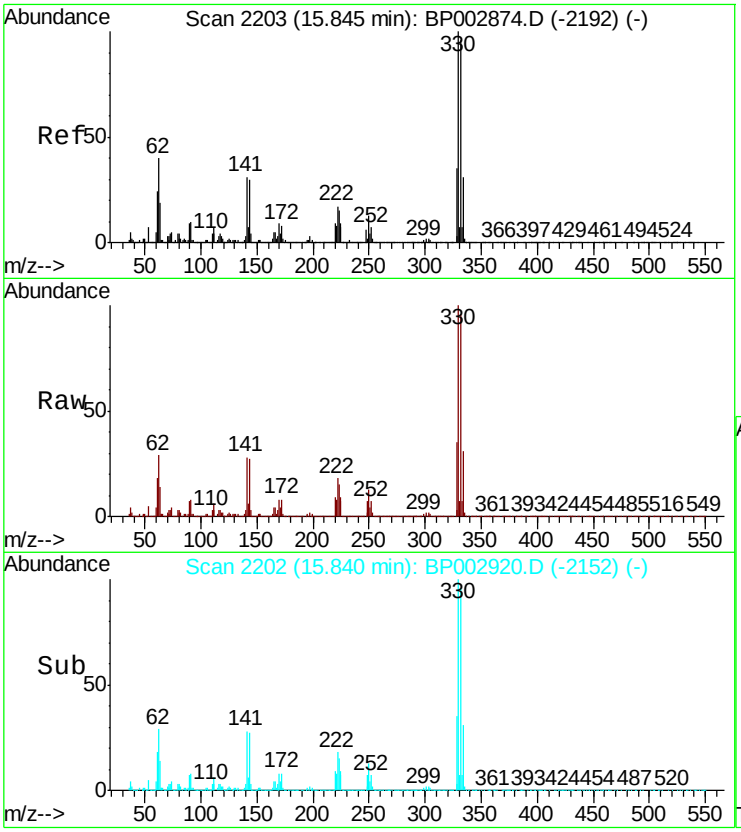


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:164 Resp: 972822

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.0	121.6
160	44.6	36.2	54.4



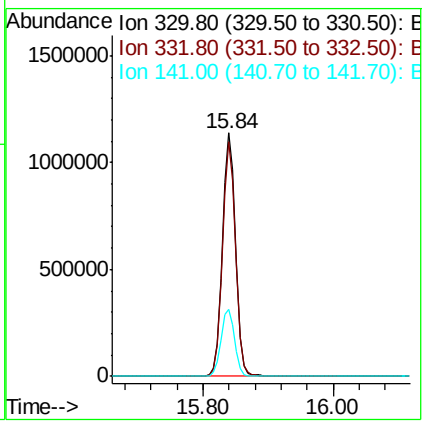


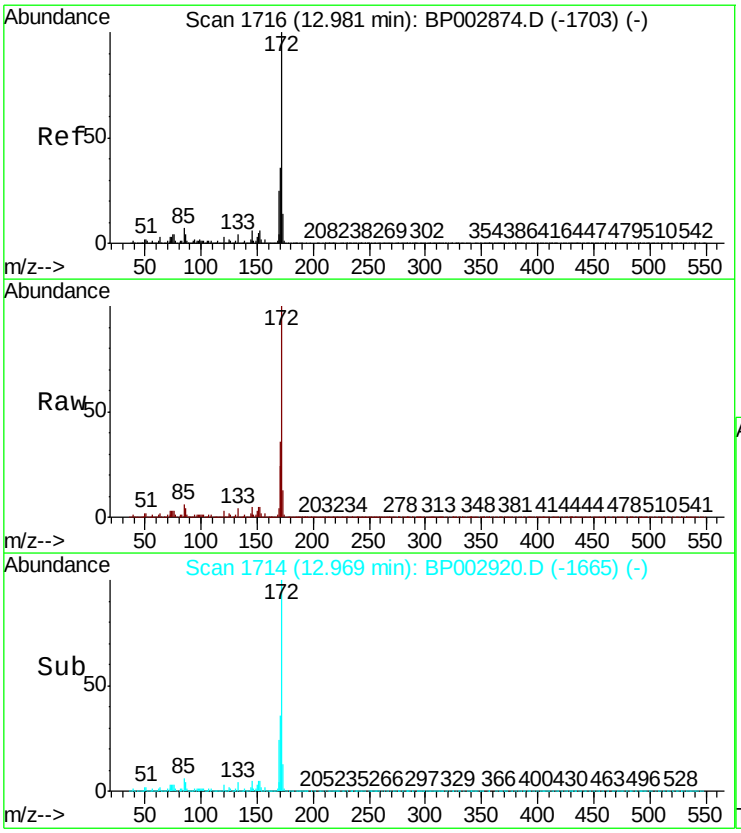
#42
2,4,6-Tribromophenol
Concen: 131.644 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:330 Resp: 1591710

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	28.4	24.6	37.0

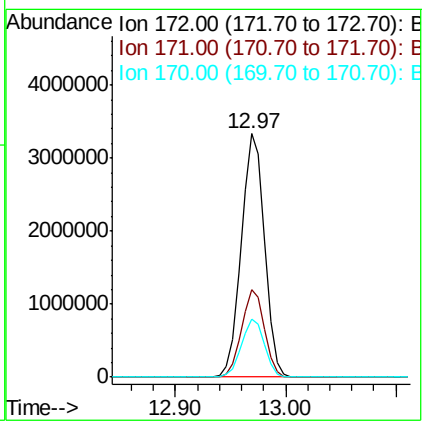


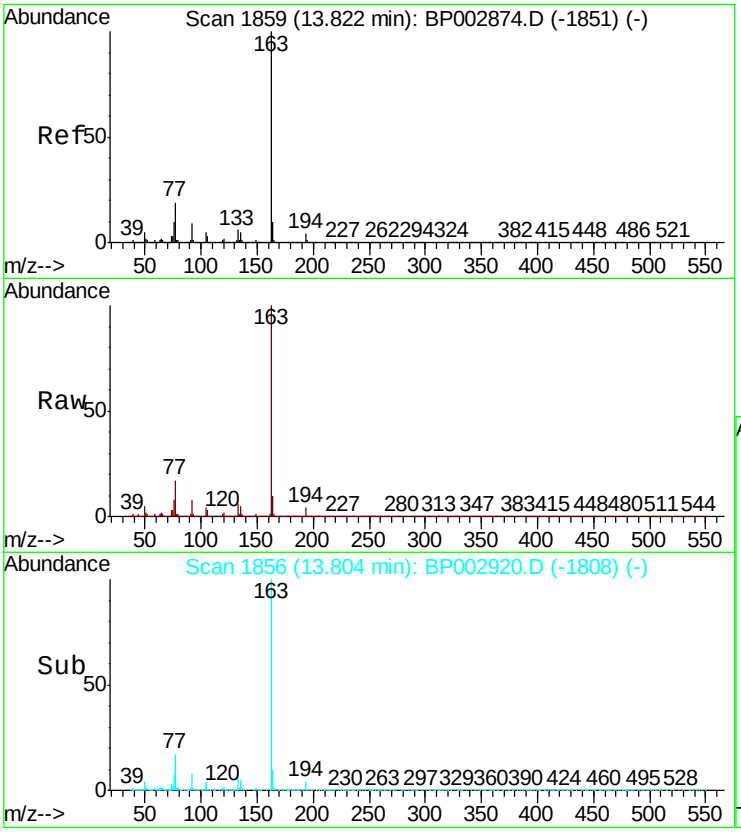


#45
2-Fluorobiphenyl
Concen: 69.358 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:172 Resp: 4938356

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.1	43.7
170	24.1	19.6	29.4



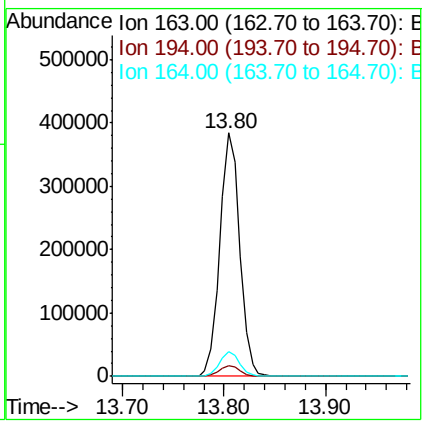


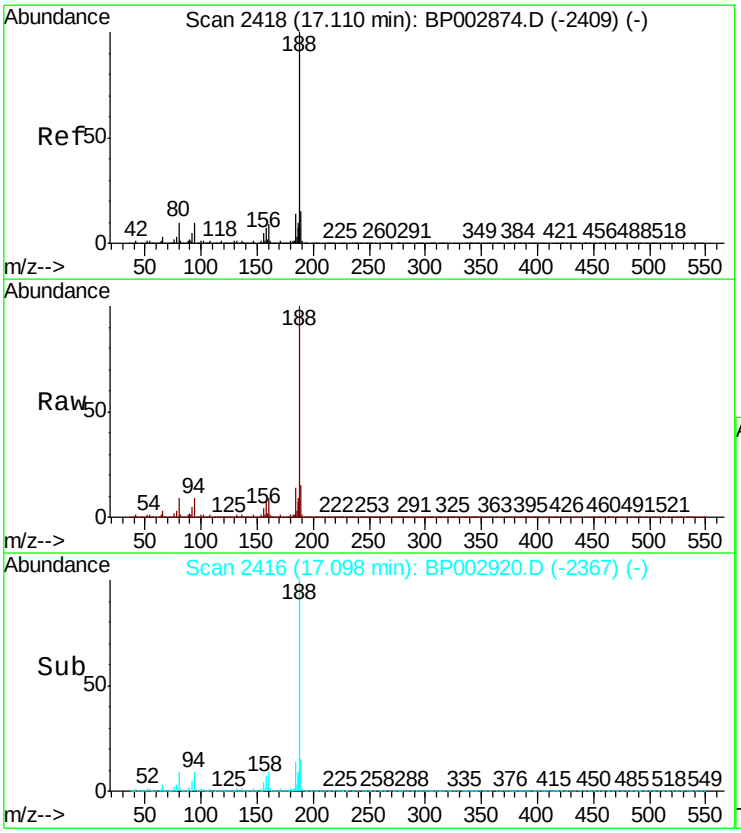
#50
Dimethylphthalate
Concen: 6.892 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:163 Resp: 524370

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.0	8.2	12.2

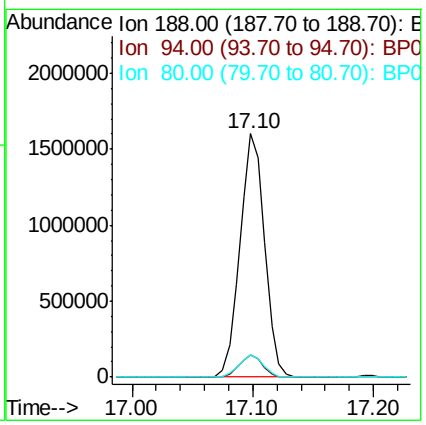


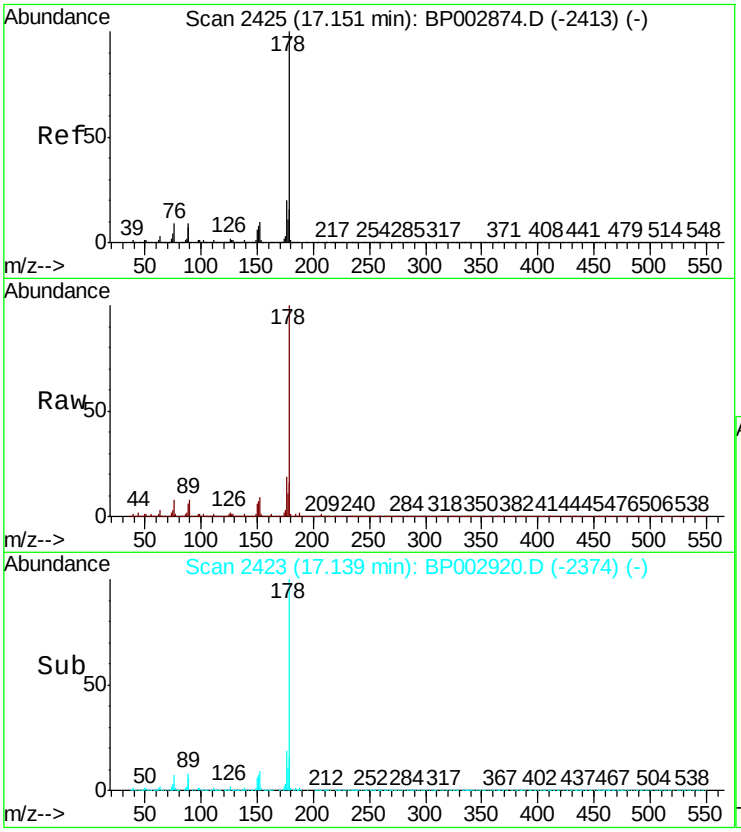


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:188 Resp: 2281143

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.6
80	9.0	8.0	12.0



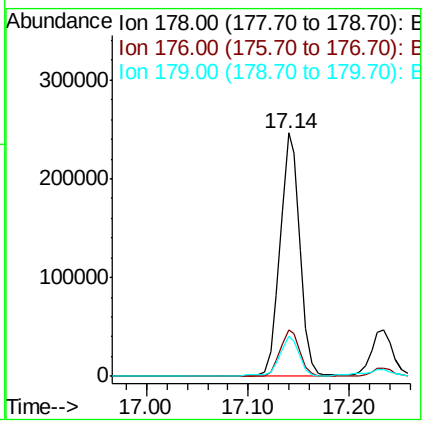


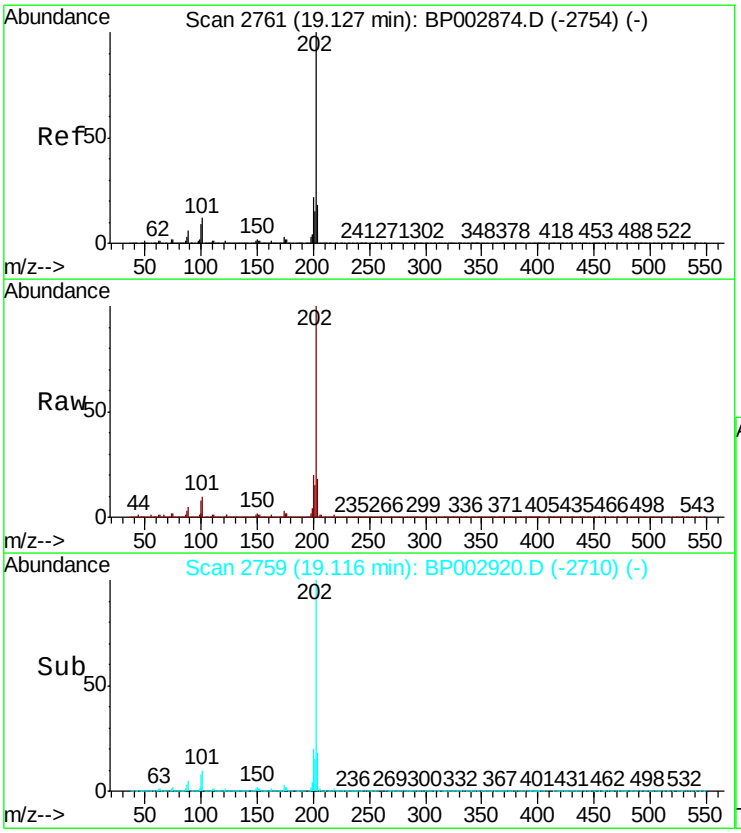
#71
Phenanthrene
Concen: 2.504 ng
RT: 17.14 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:178 Resp: 334909

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	16.2	13.0	19.4

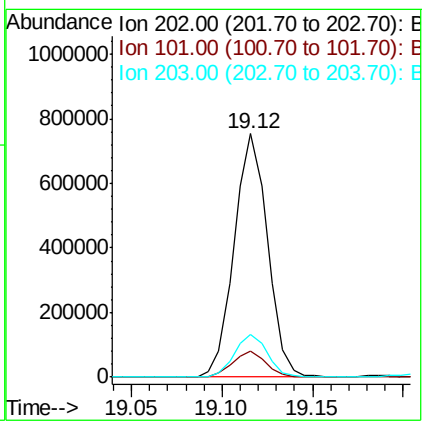


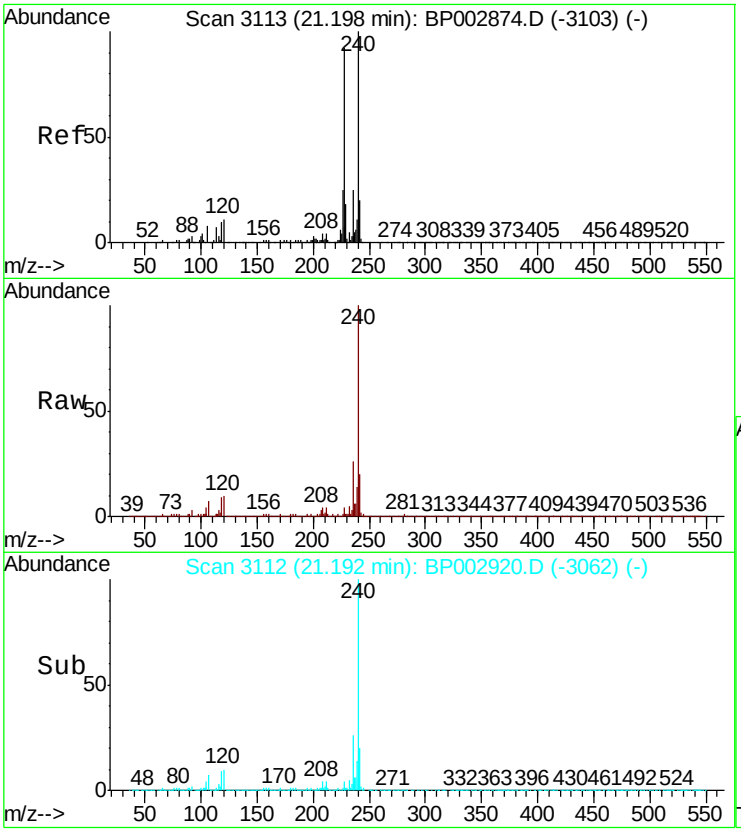


#75
Fluoranthene
Concen: 6.248 ng
RT: 19.12 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:202 Resp: 962963

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.6
203	17.8	0.0	38.4



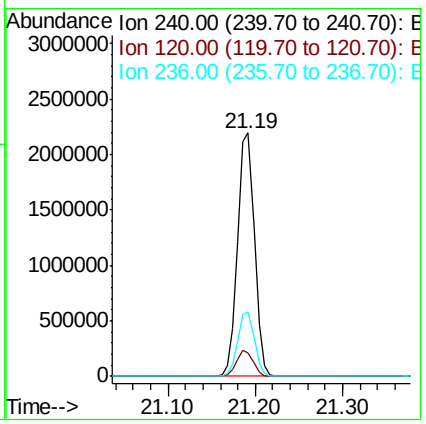


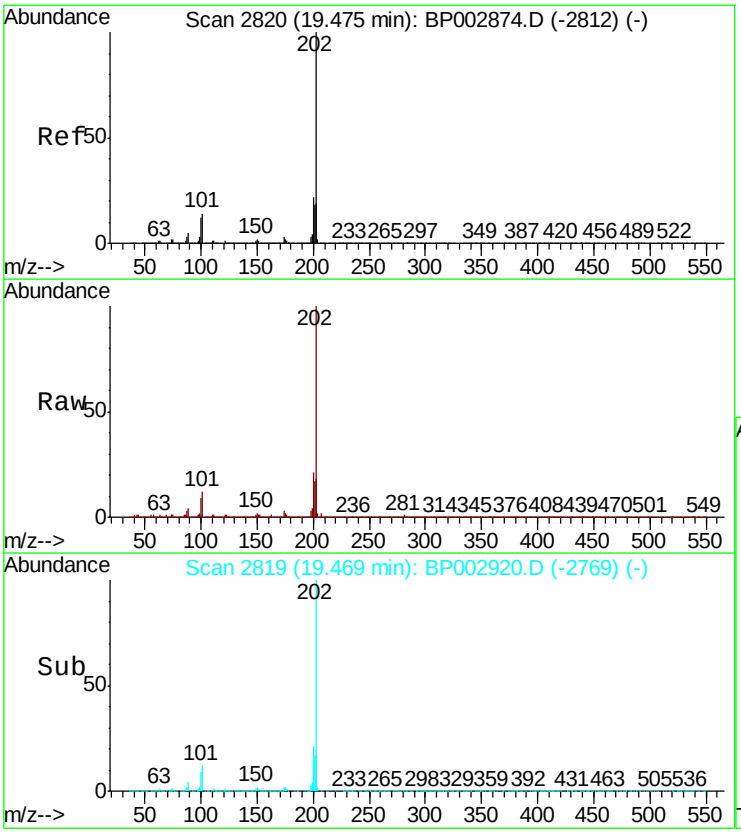
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:240 Resp: 2826605

Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.9	13.3
236	26.5	20.3	30.5

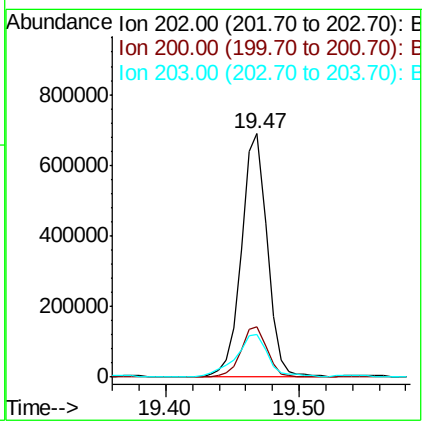


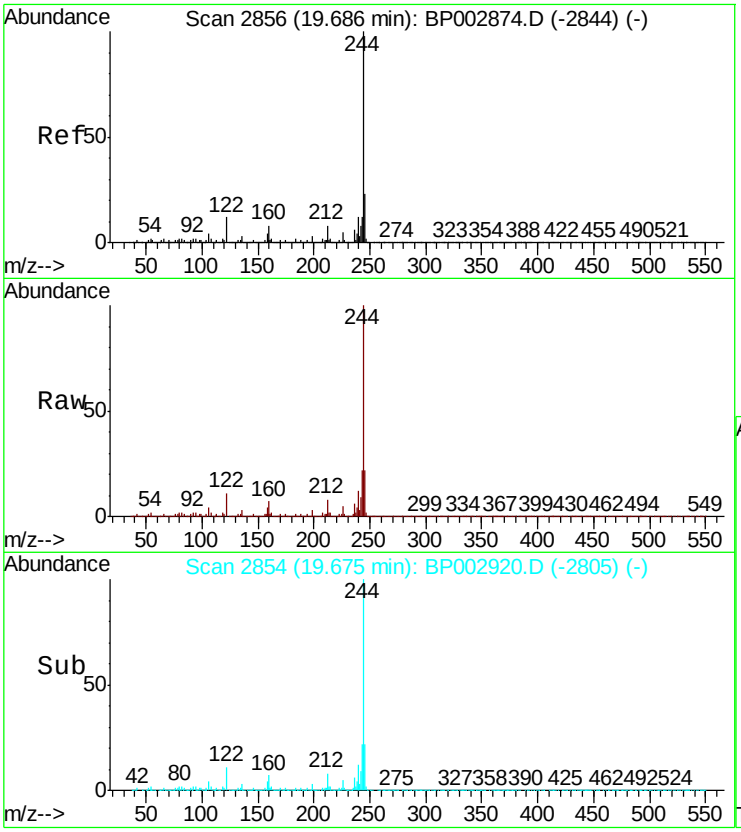


#78
Pyrene
Concen: 4.615 ng
RT: 19.47 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:202 Resp: 911854

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.9	26.9
203	17.7	15.1	22.7



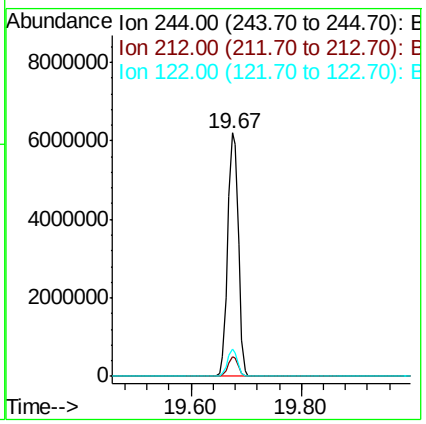


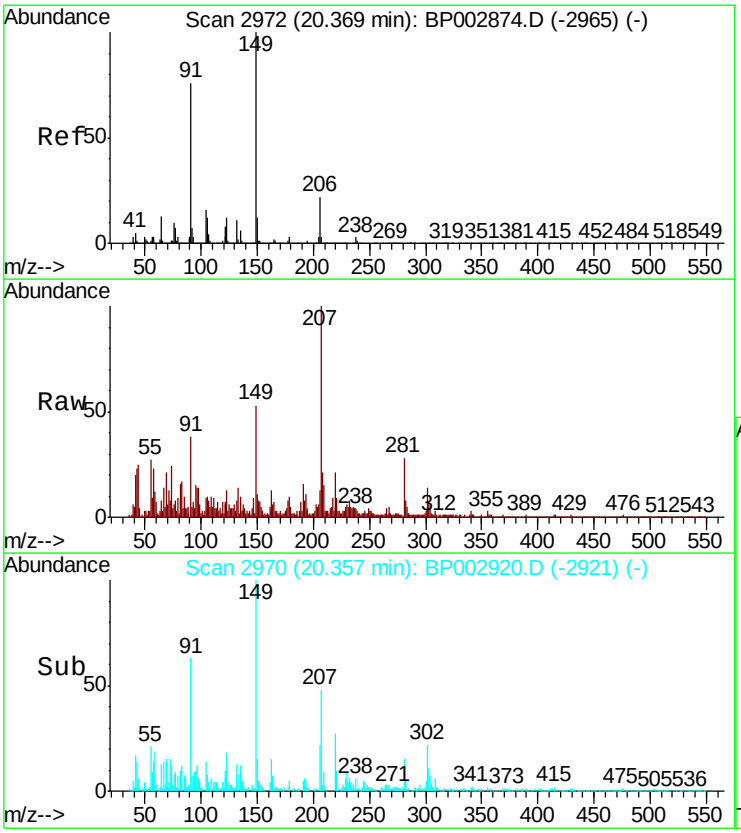
#79
Terphenyl-d14
Concen: 59.628 ng
RT: 19.67 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:244 Resp: 8418939

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	11.2	9.4	14.2

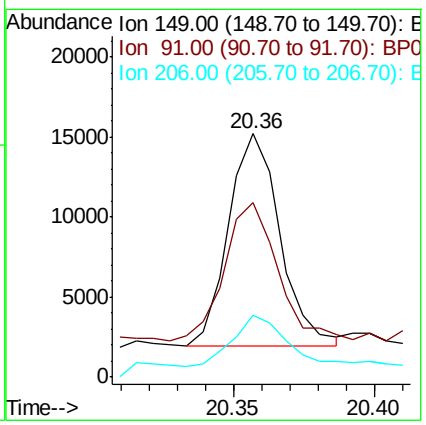


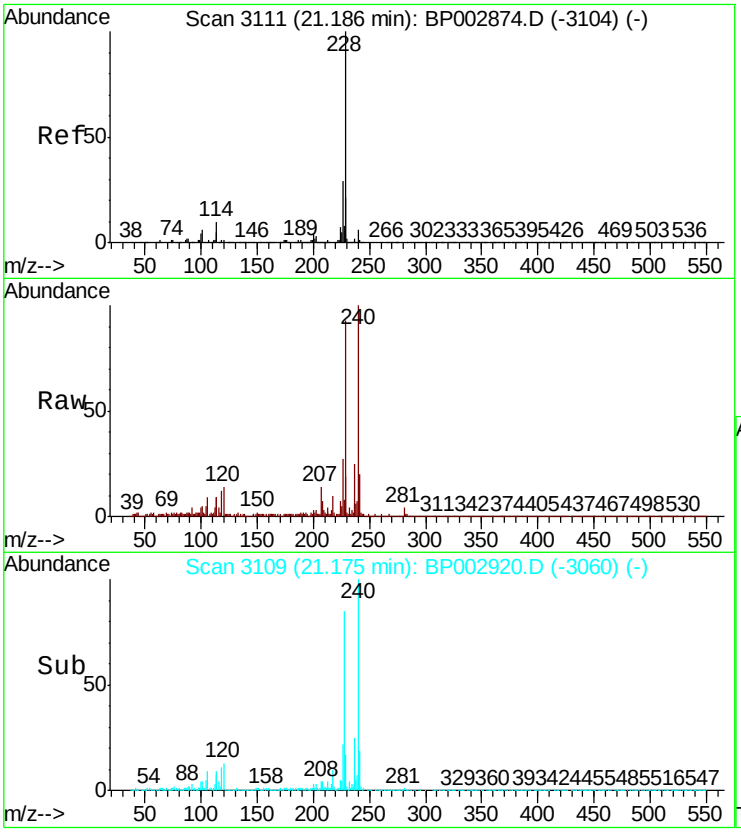


#80
Butylbenzylphthalate
Concen: 3.255 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:149 Resp: 16907

Ion	Ratio	Lower	Upper
149	100		
91	71.9	60.5	90.7
206	25.2	17.5	26.3



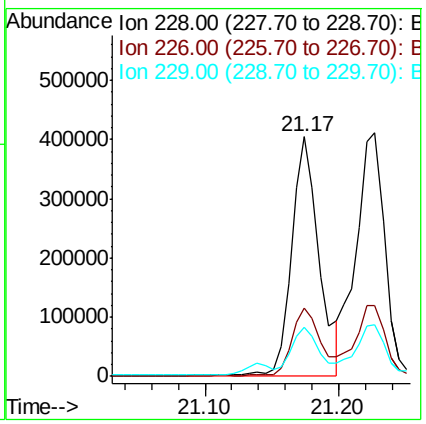


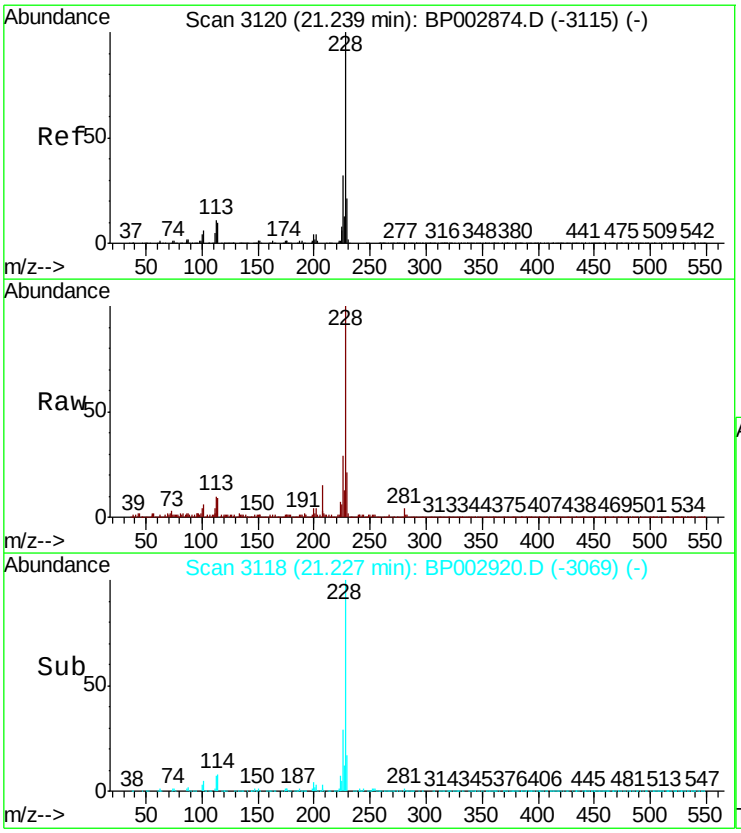
#81
Benzo(a)anthracene
Concen: 2.963 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:228 Resp: 570430

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.3	34.9
229	20.8	16.9	25.3

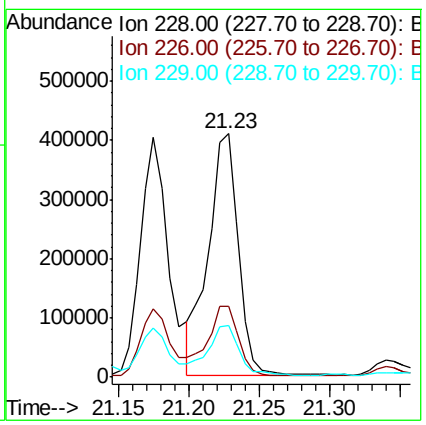


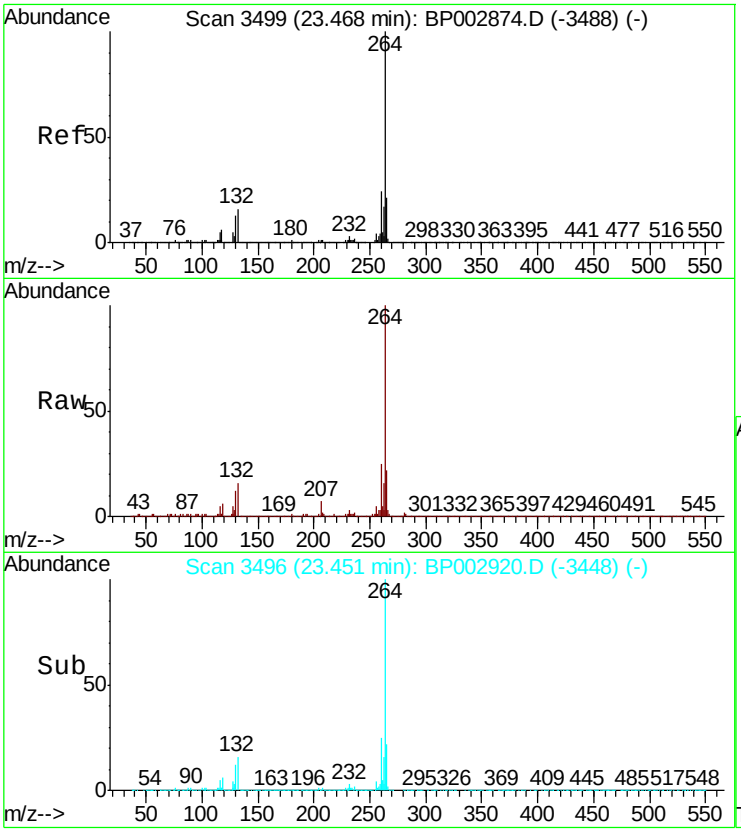


#83
Chrysene
Concen: 3.373 ng
RT: 21.23 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:228 Resp: 612582

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.5	38.3
229	21.1	16.7	25.1



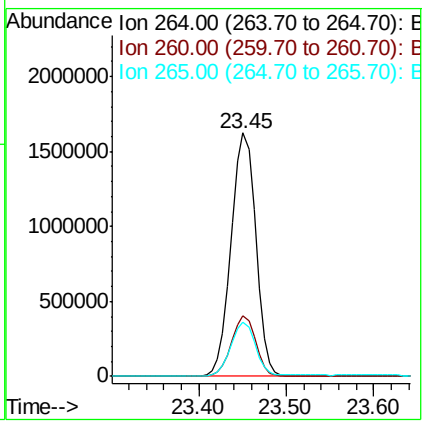


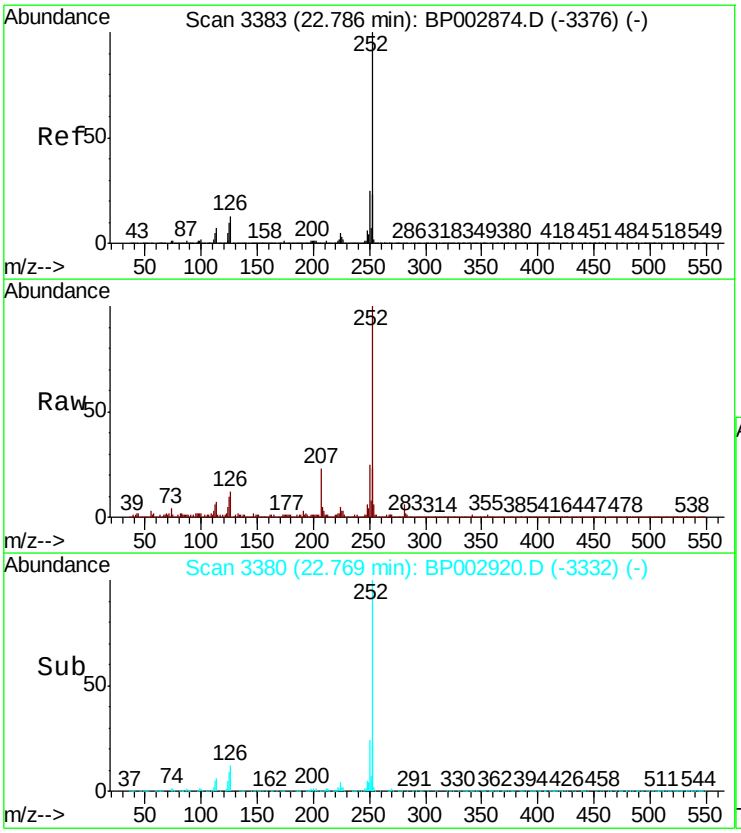
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:264 Resp: 3089710

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.0	17.0	25.4

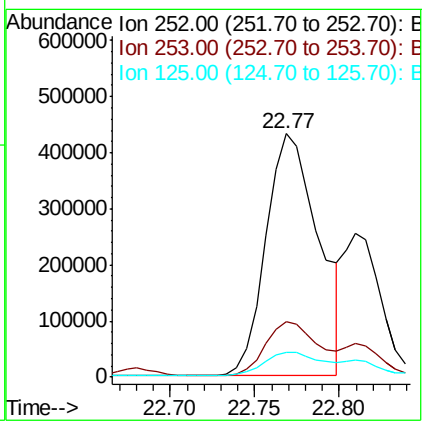


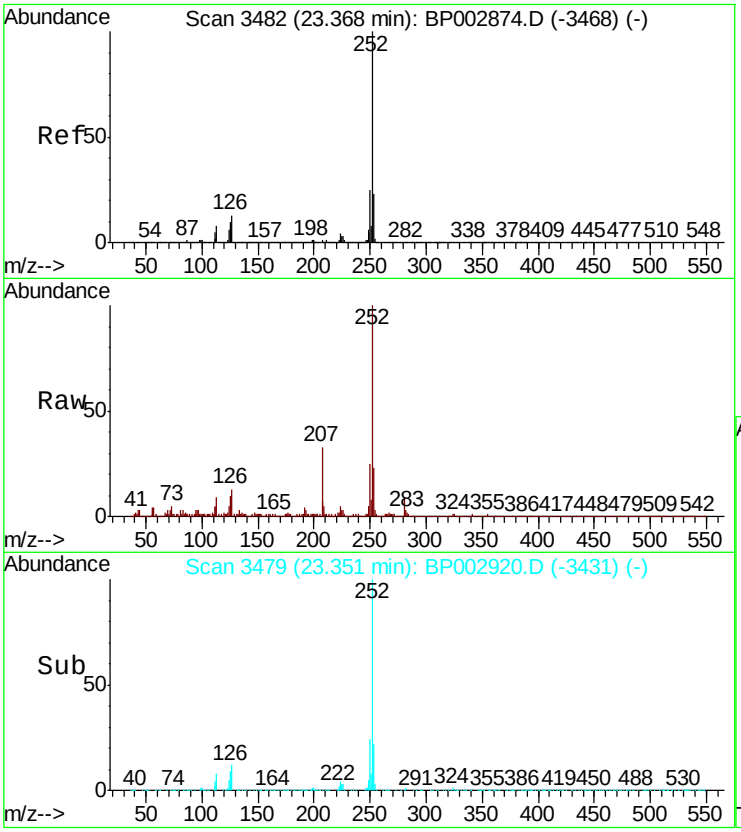


#88
Benzo(b)fluoranthene
Concen: 4.296 ng
RT: 22.77 min Scan# 3380
Delta R.T. -0.02 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Tgt Ion:252 Resp: 936766

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	10.2	7.8	11.8





#90
Benzo(a)pyrene
Concen: 2.958 ng
RT: 23.35 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BP002920.D
Acq: 06 Aug 2020 15:15

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tgt Ion:252 Resp: 582741

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.4	8.3	12.5