Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003044.D
Acq On : 19 Aug 2020 21:46
Operator : CG/JU
Sample : L3712-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CHRT-27137

Quant Time: Aug 20 09:36:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	354903	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1438838	20.00	ng		-0.01
39) Acenaphthene-d10	14.32	164	759257	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	890059	20.00	ng		0.00
76) Chrysene-d12	21.17	240	1438103	20.00	ng		0.00
86) Perylene-d12	23.41	264	1731693	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1583487	68.29	ng		0.00
7) Phenol-d6	6.86	99	1941496	60.31	ng		0.00
23) Nitrobenzene-d5	8.82	82	1158485	43.61	ng		-0.01
42) 2,4,6-Tribromophenol	15.82	330	686148	72.71	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	2897224	52.14	ng		-0.01
79) Terphenyl-d14	19.66	244	2638018	36.72	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.78	163	363388	6.119	ng	#	90
71) Phenanthrene	17.13	178	399797	7.660	ng	#	63
75) Fluoranthene	19.11	202	592165	9.847	ng		88
78) Pyrene	19.46	202	520642	5.179	ng	#	94
81) Benzo(a)anthracene	21.15	228	304065	3.104	ng		97
83) Chrysene	21.20	228	372995	4.037	ng		96
85) Di-n-octyl phthalate	21.97	149	340284	3.723	ng		99
88) Benzo(b)fluoranthene	22.73	252	531521	4.350	ng		97
90) Benzo(a)pyrene	23.31	252	343561	3.111	ng		99
92) Benzo(g,h,i)perylene	26.38	276	238908	2.093	ng		98

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

Quantitation Report (LSC Reviewed)

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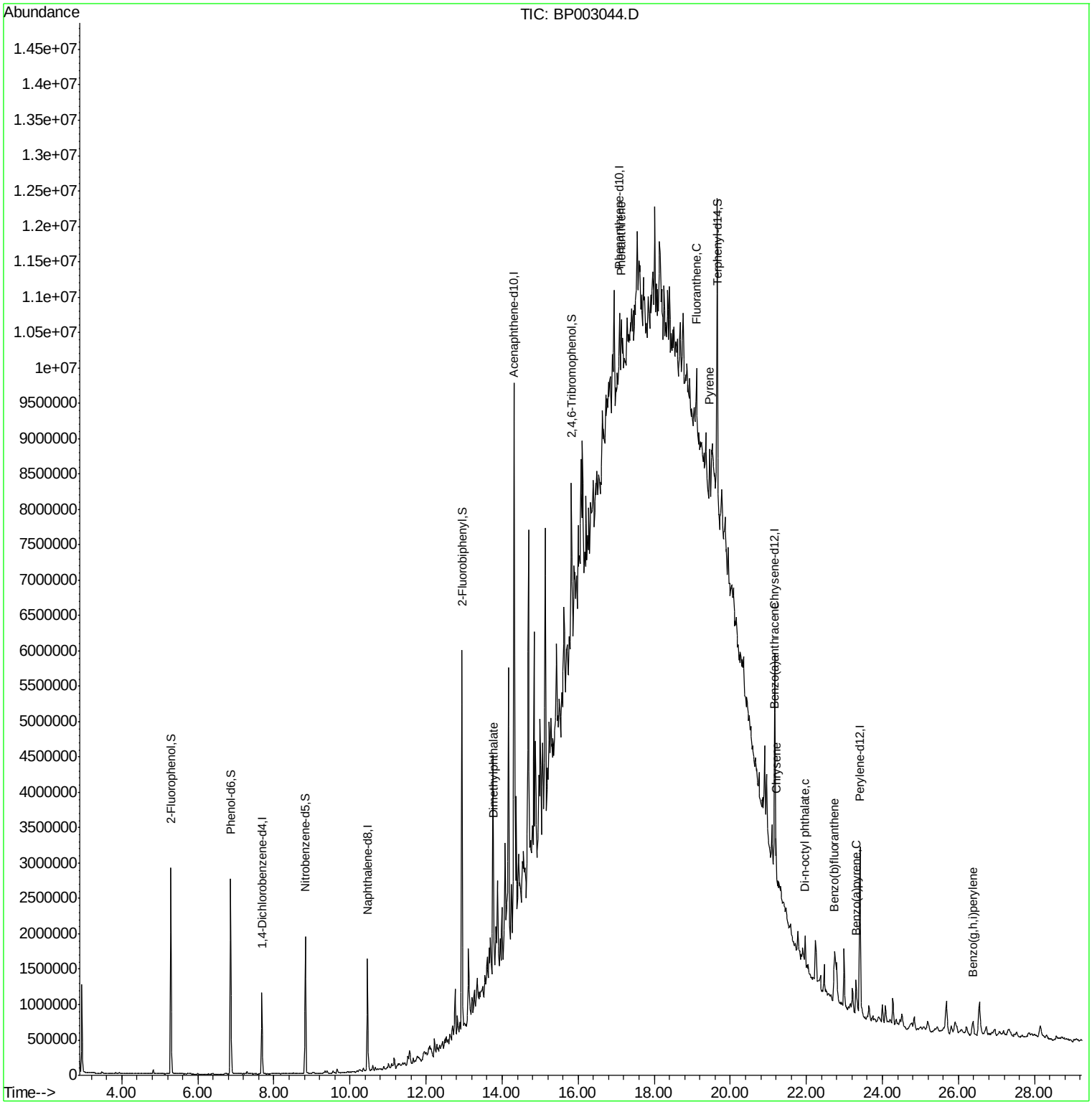
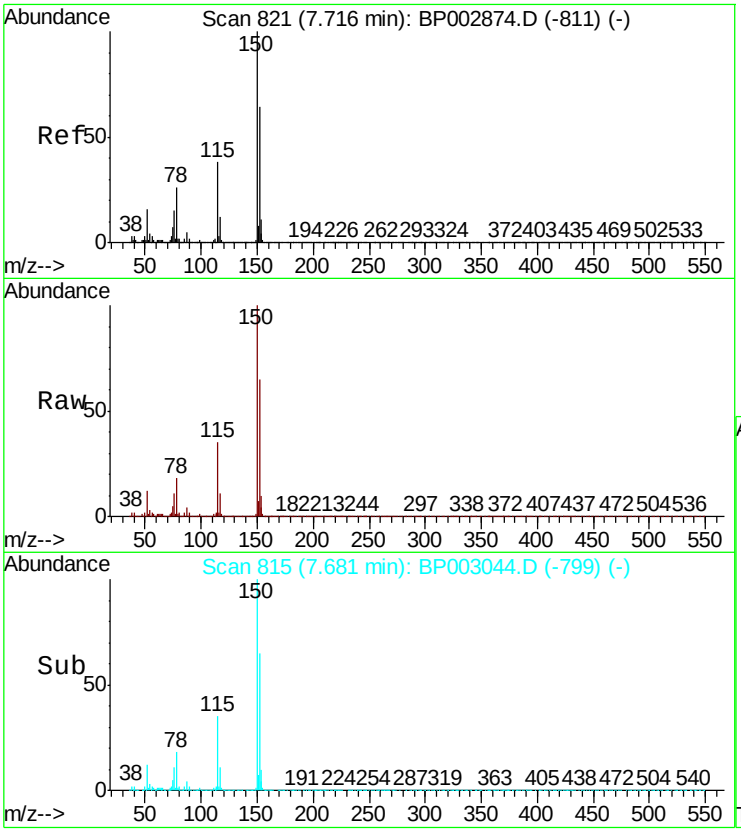
BNA_P
ClientSampleId :
CHRT-27137

Quant Time: Aug 20 09:36:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration



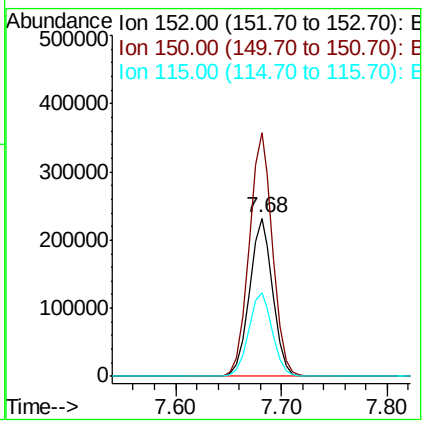


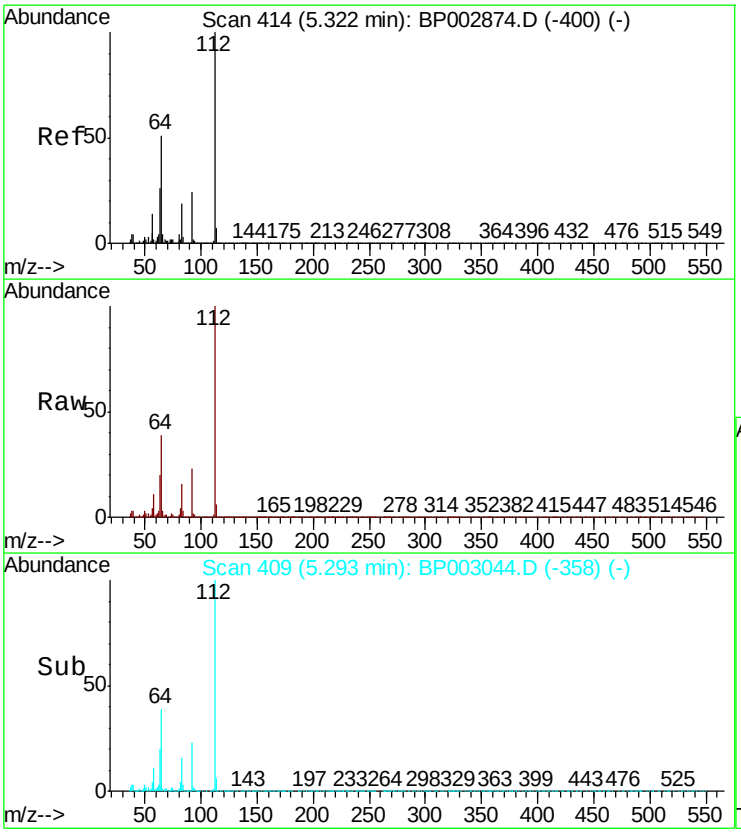
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:152 Resp: 354903

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.1	189.1
115	53.2	43.4	65.2

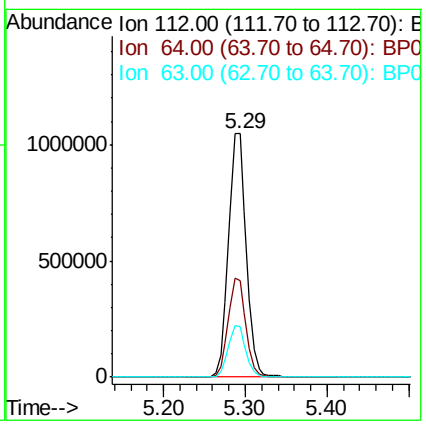


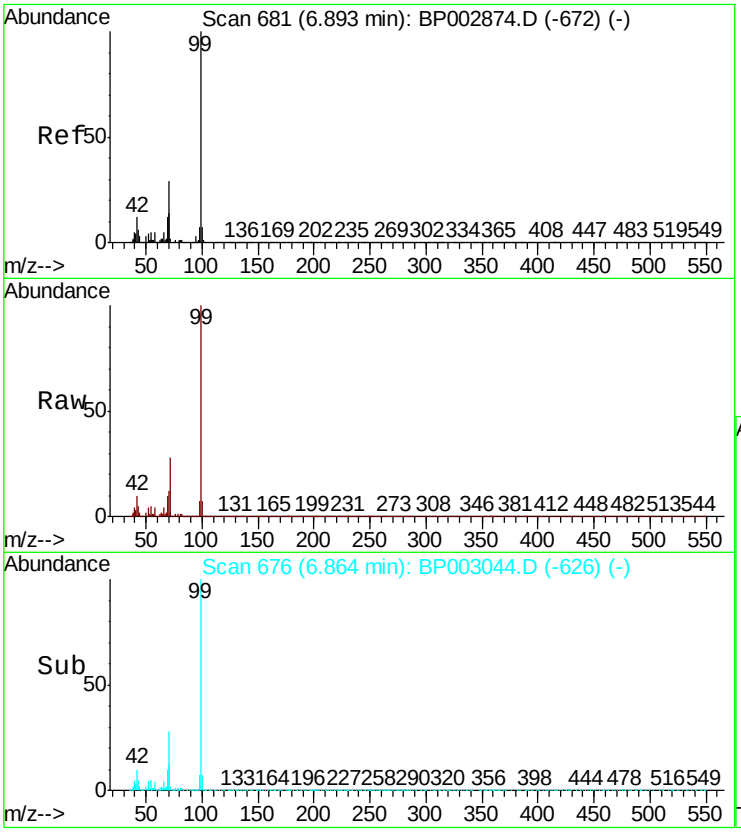


#5
2-Fluorophenol
Concen: 68.287 ng
RT: 5.29 min Scan# 409
Delta R.T. 0.00 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:112 Resp: 1583487

Ion	Ratio	Lower	Upper
112	100		
64	39.3	33.4	50.2
63	20.5	17.4	26.0



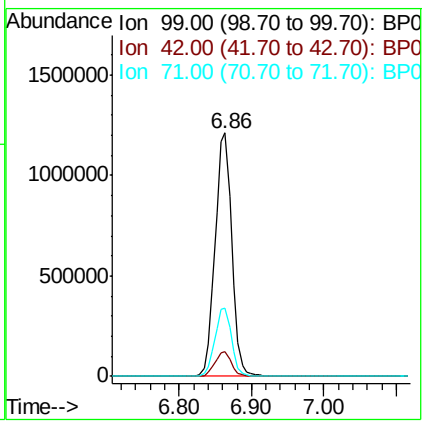


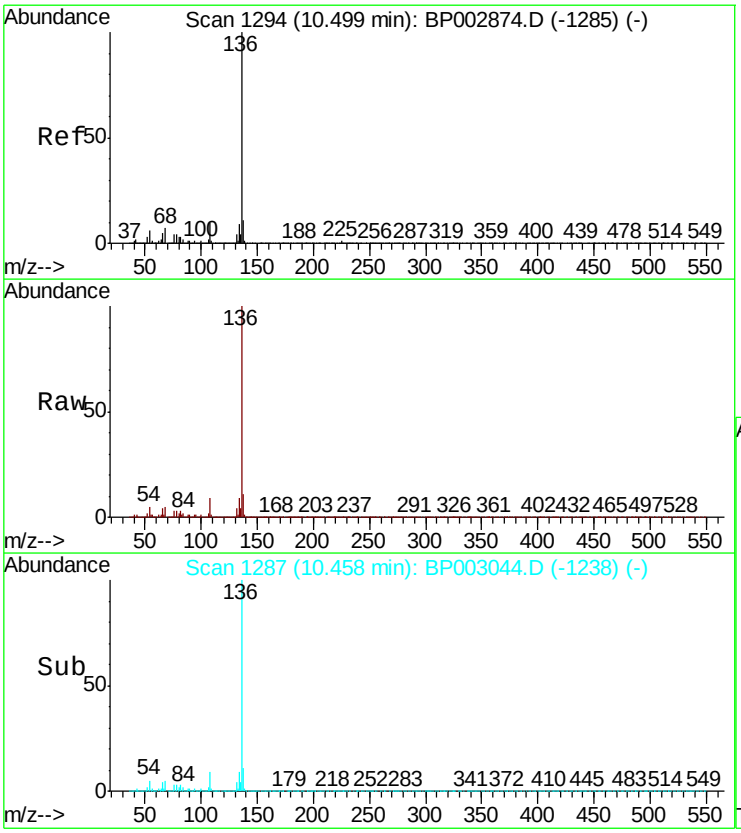
#7
Phenol-d6
Concen: 60.305 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion: 99 Resp: 1941496

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.0	12.0
71	27.9	21.3	31.9

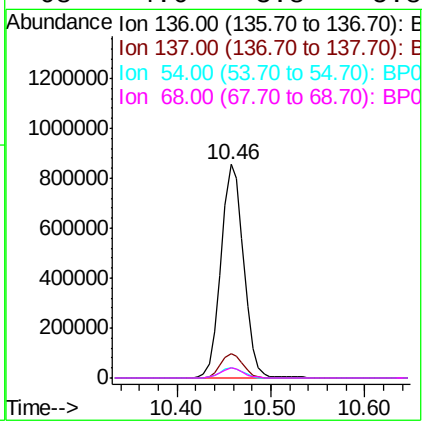


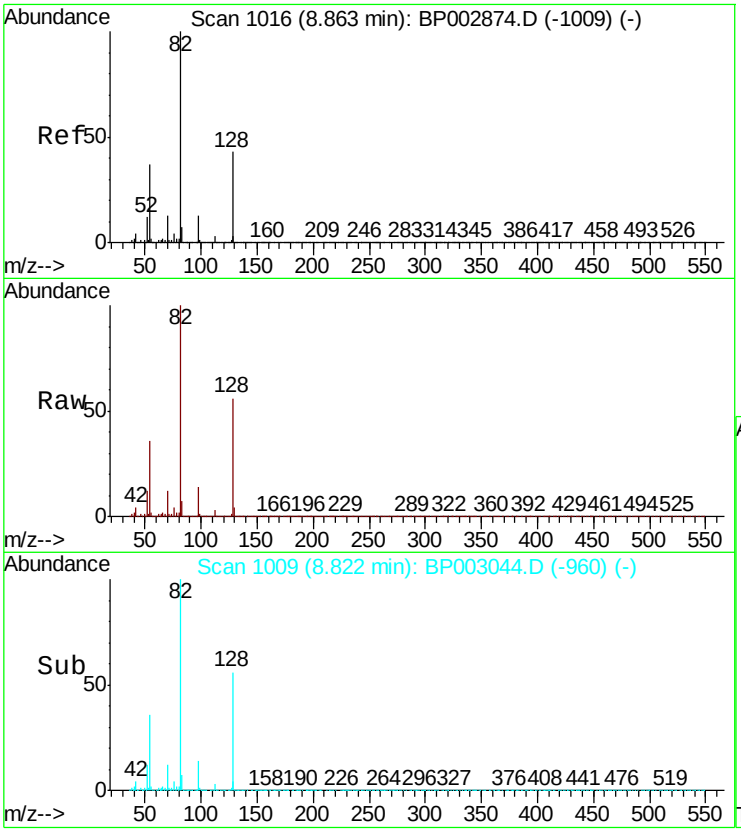


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:136 Resp: 1438838

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	4.7	3.8	5.8
68	4.6	3.8	5.8



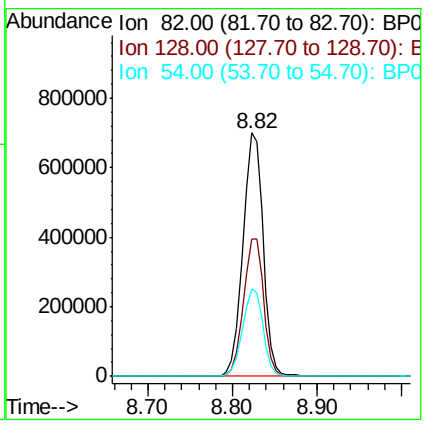


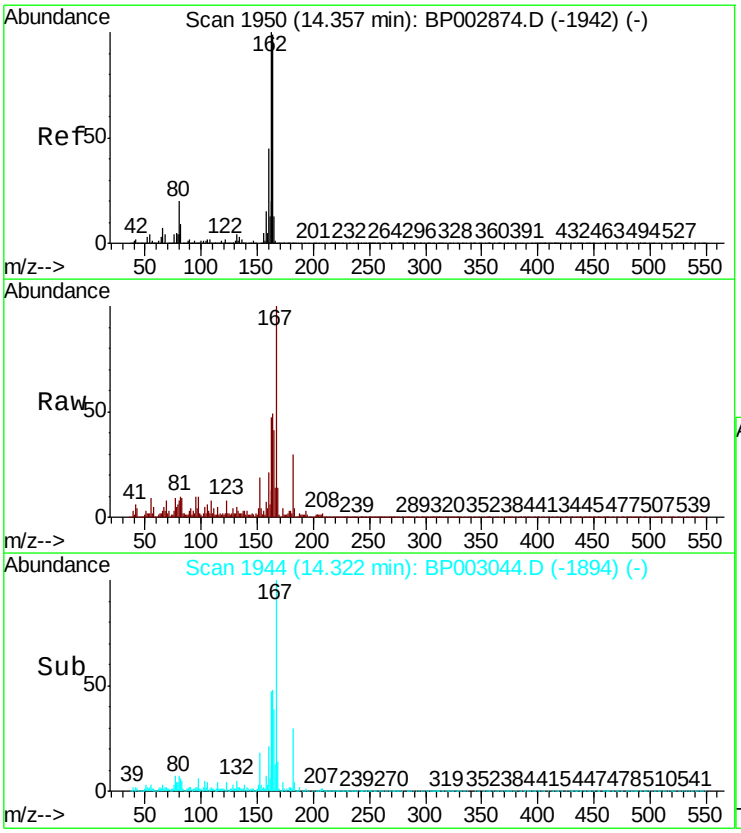
#23
Nitrobenzene-d5
Concen: 43.609 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion: 82 Resp: 1158485

Ion	Ratio	Lower	Upper
82	100		
128	56.4	45.1	67.7
54	36.0	28.8	43.2

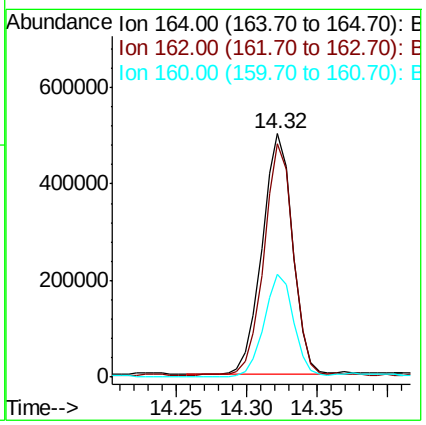


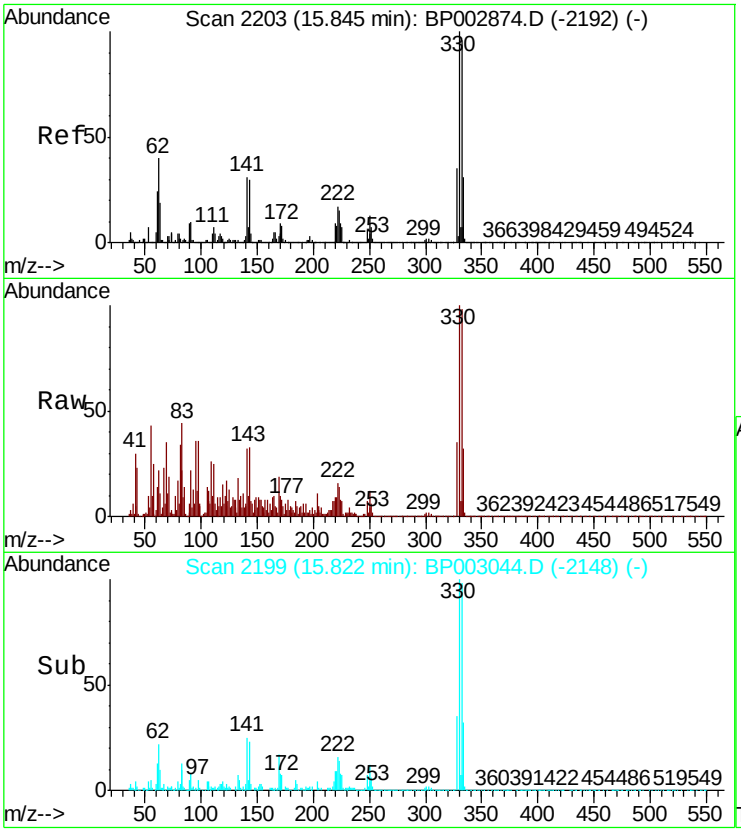


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:164 Resp: 759257

Ion	Ratio	Lower	Upper
164	100		
162	96.0	81.4	122.0
160	42.2	35.5	53.3



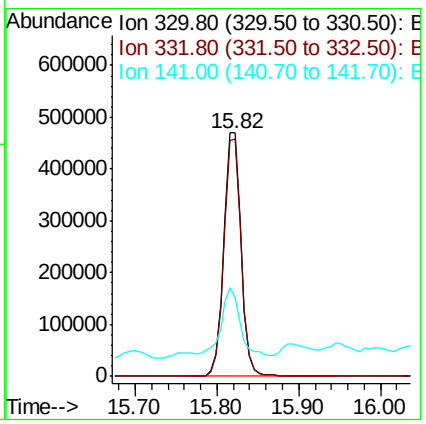


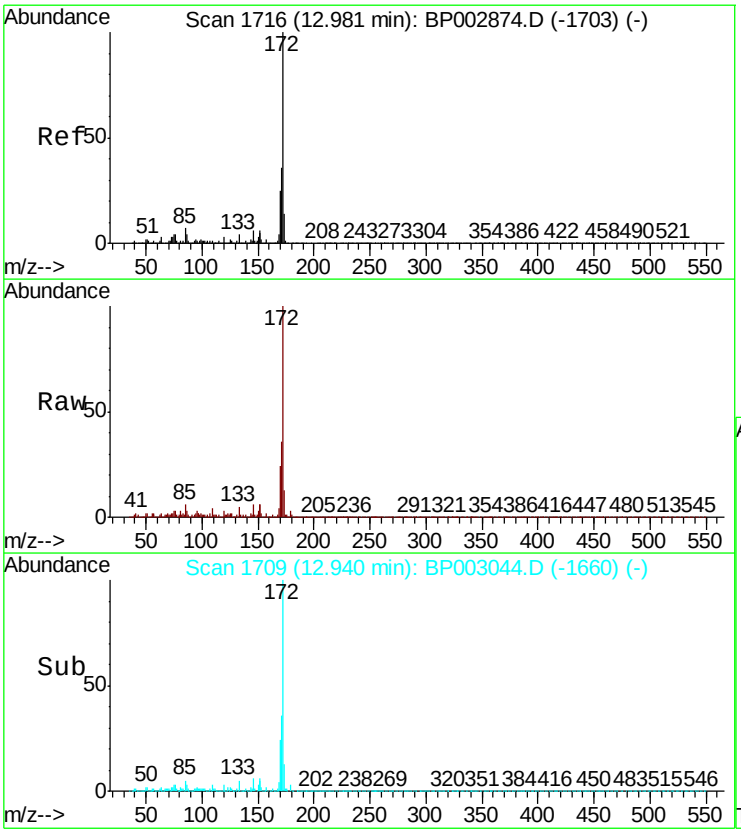
#42
2,4,6-Tribromophenol
Concen: 72.711 ng
RT: 15.82 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:330 Resp: 686148

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	29.8	26.7	40.1

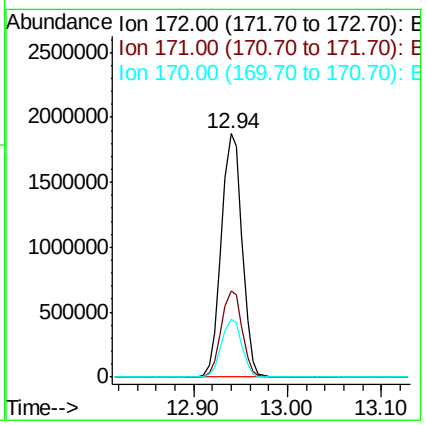


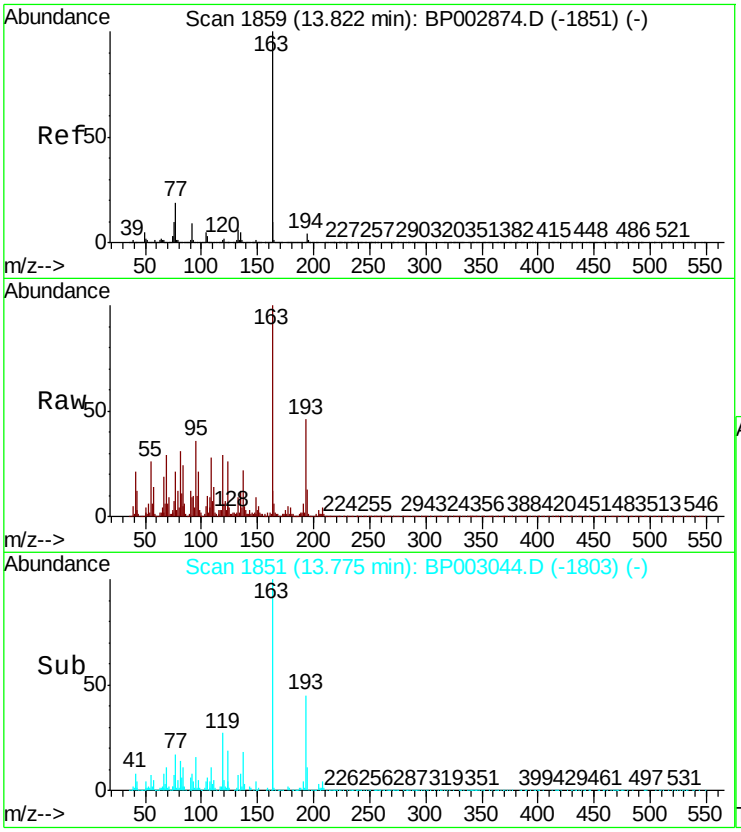


#45
2-Fluorobiphenyl
Concen: 52.136 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:172 Resp: 2897224

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.6	19.1	28.7



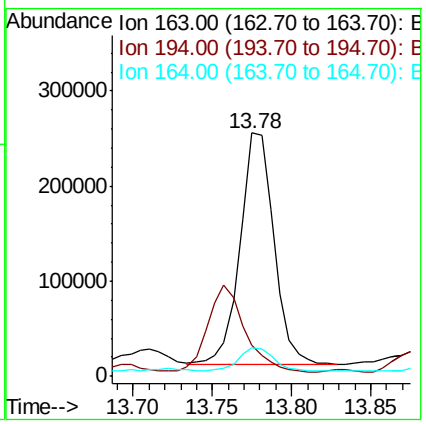


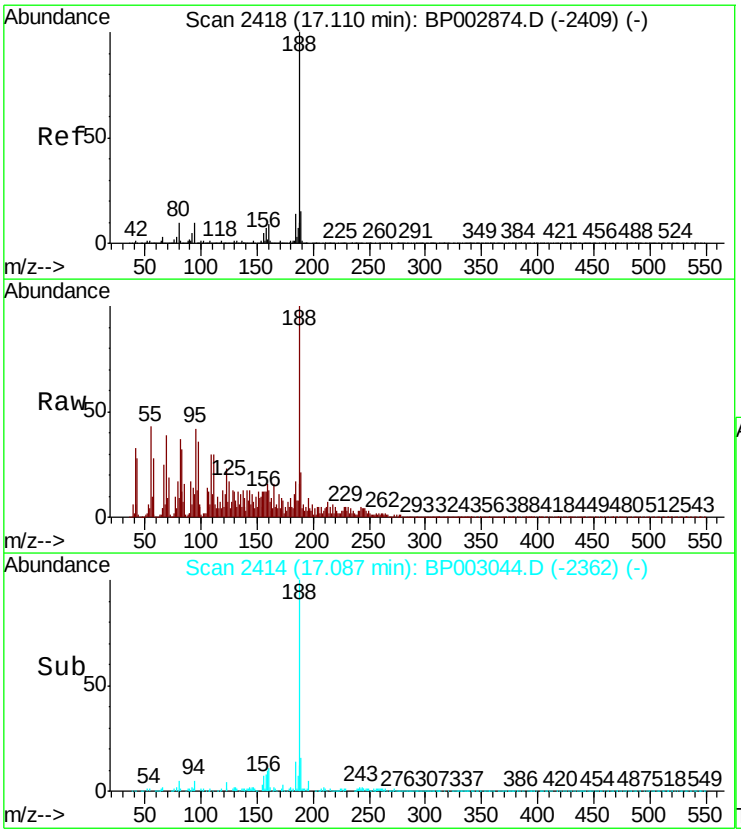
#50
Dimethylphthalate
Concen: 6.119 ng
RT: 13.78 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:163 Resp: 363388

Ion	Ratio	Lower	Upper
163	100		
194	12.7	3.3	4.9#
164	11.6	8.1	12.1

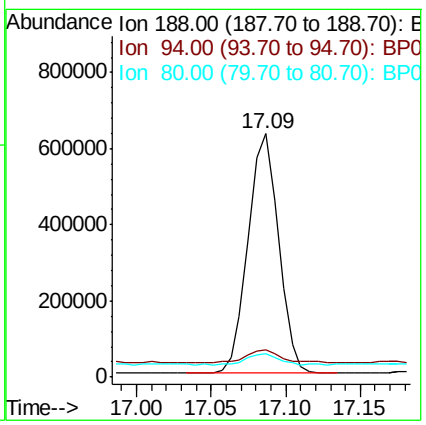


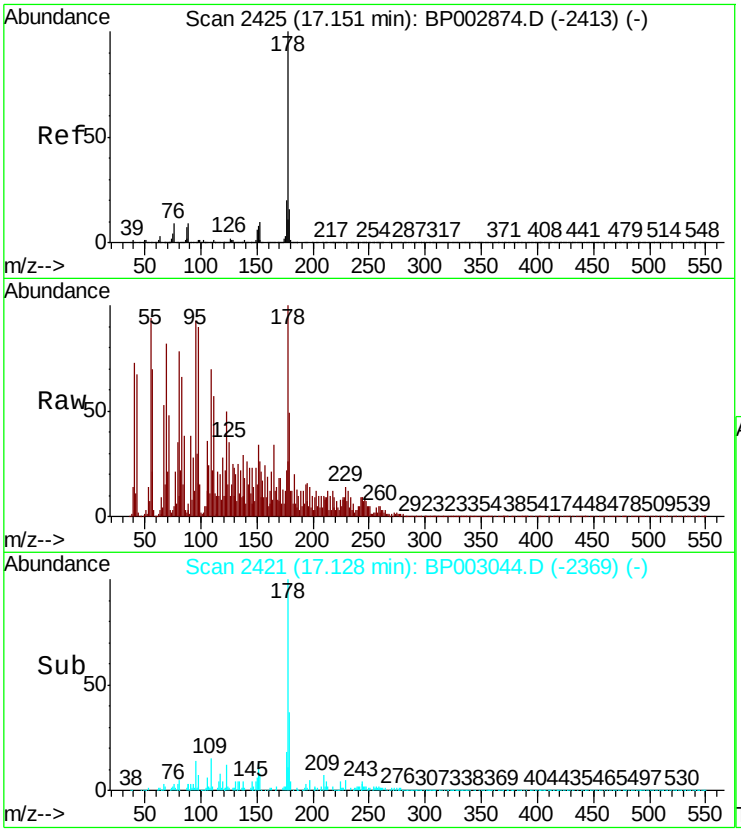


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:188 Resp: 890059

Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.1	10.7#
80	9.5	6.7	10.1



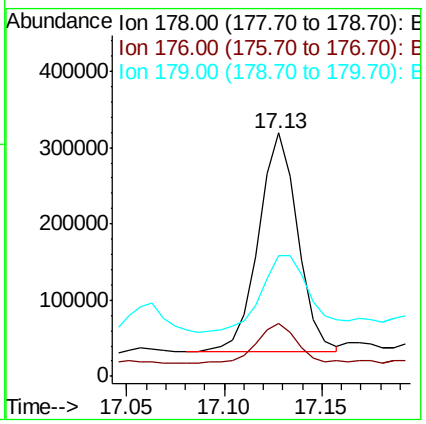


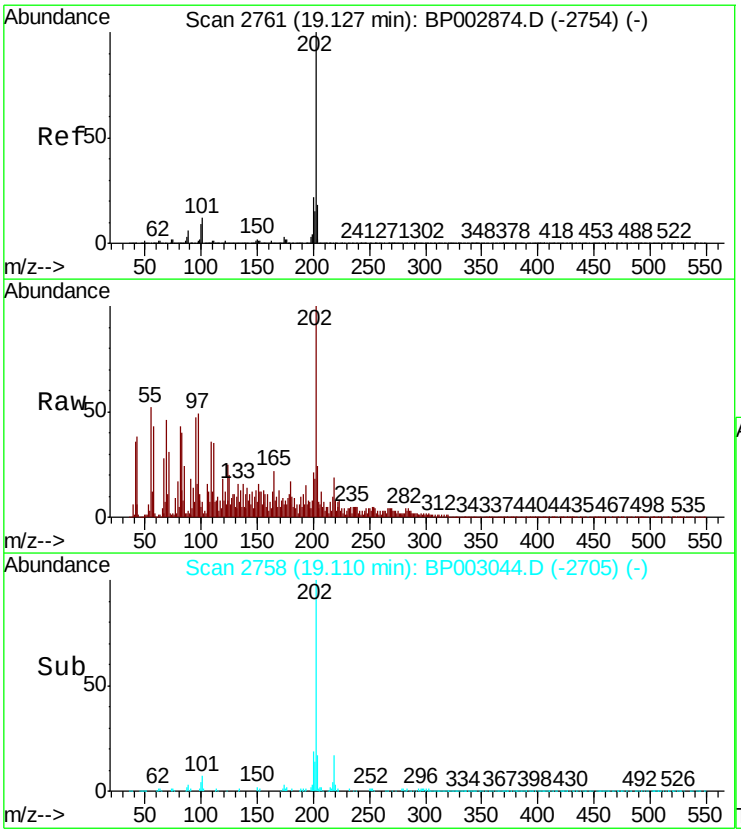
#71
Phenanthrene
Concen: 7.660 ng
RT: 17.13 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:178 Resp: 399797

Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.8
179	49.4	12.9	19.3#

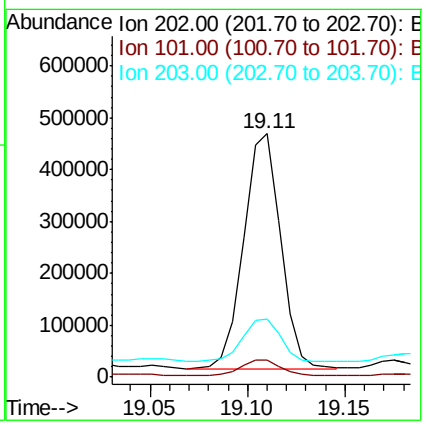


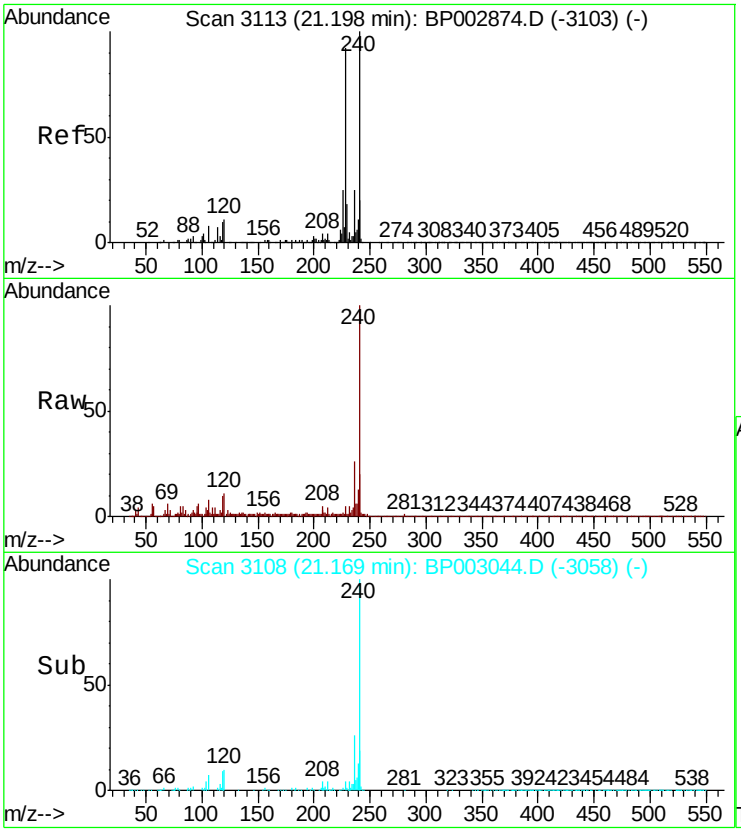


#75
Fluoranthene
Concen: 9.847 ng
RT: 19.11 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:202 Resp: 592165

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	31.2
203	24.0	0.0	38.4



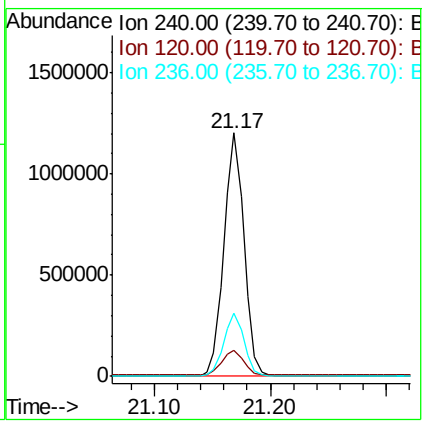


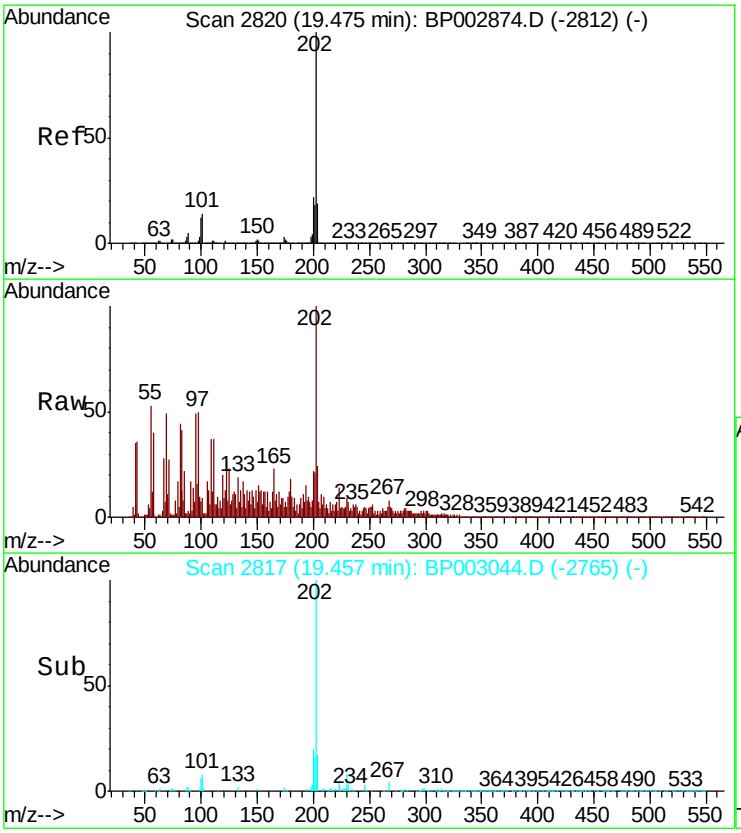
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:240 Resp: 1438103

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.1	20.8	31.2

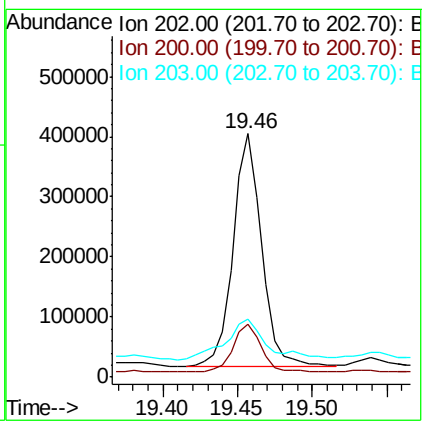


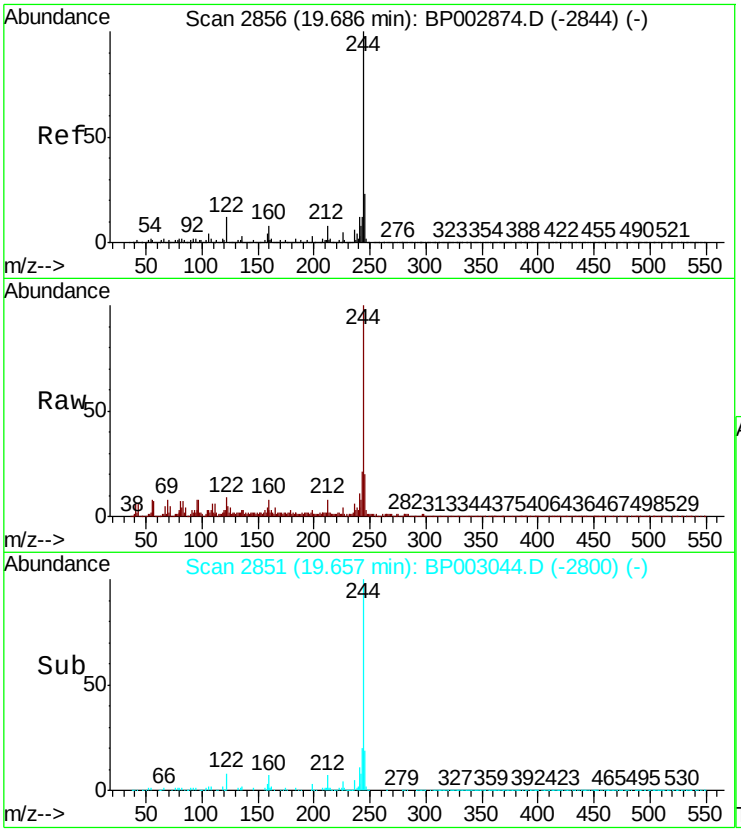


#78
Pyrene
Concen: 5.179 ng
RT: 19.46 min Scan# 2817
Delta R.T. 0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:202 Resp: 520642

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	23.9	14.6	22.0#



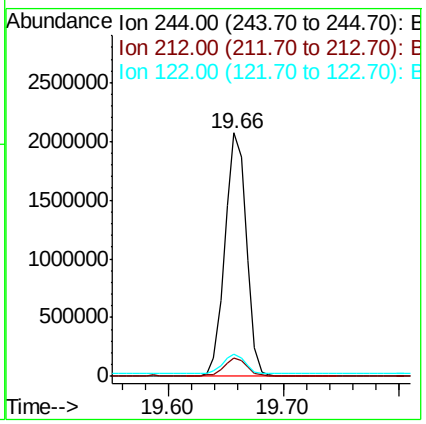


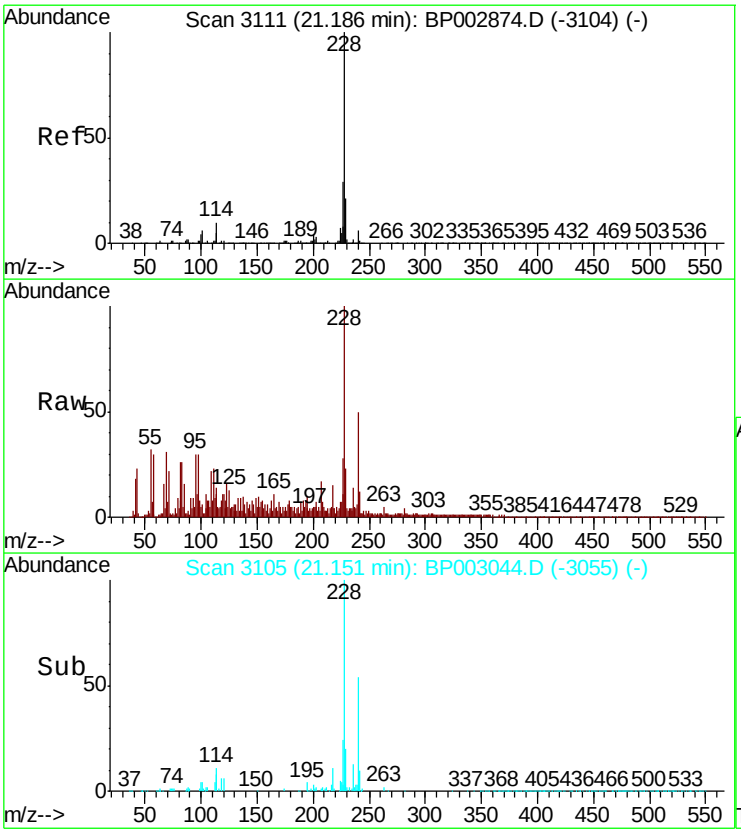
#79
Terphenyl-d14
Concen: 36.723 ng
RT: 19.66 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:244 Resp: 2638018

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	9.1	8.7	13.1

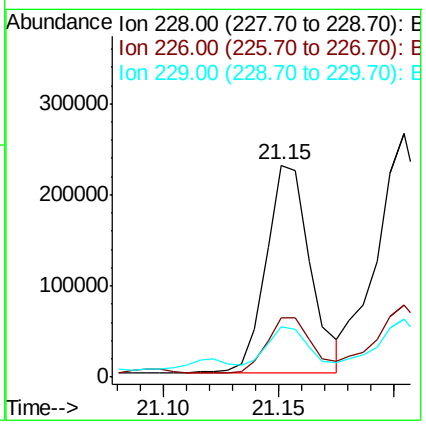


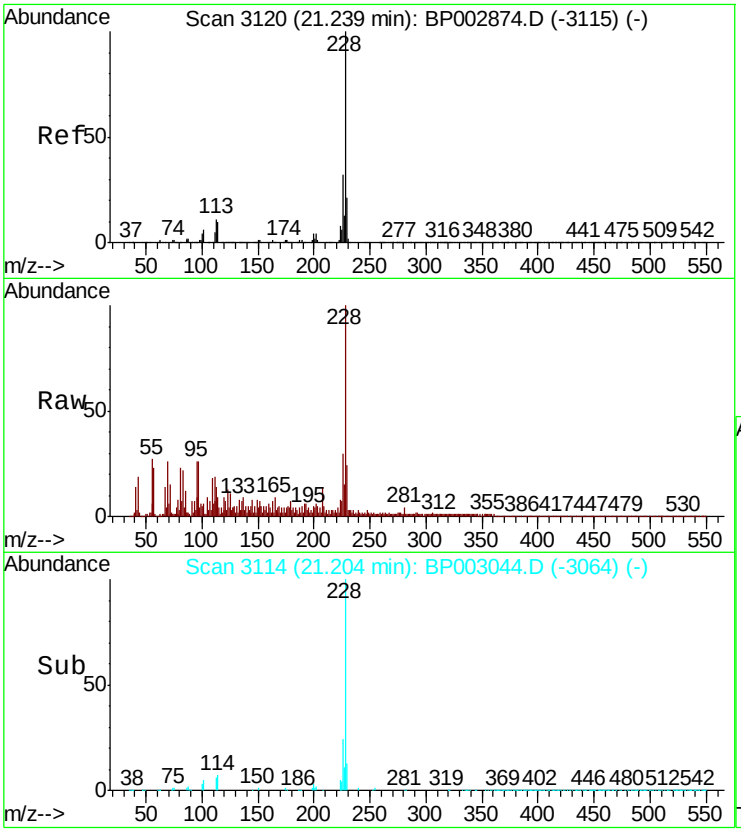


#81
Benzo(a)anthracene
Concen: 3.104 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:228 Resp: 304065

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	23.5	16.5	24.7



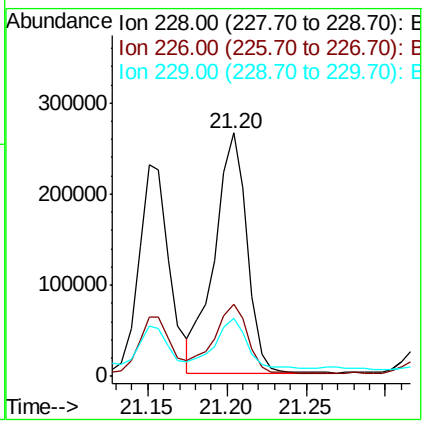


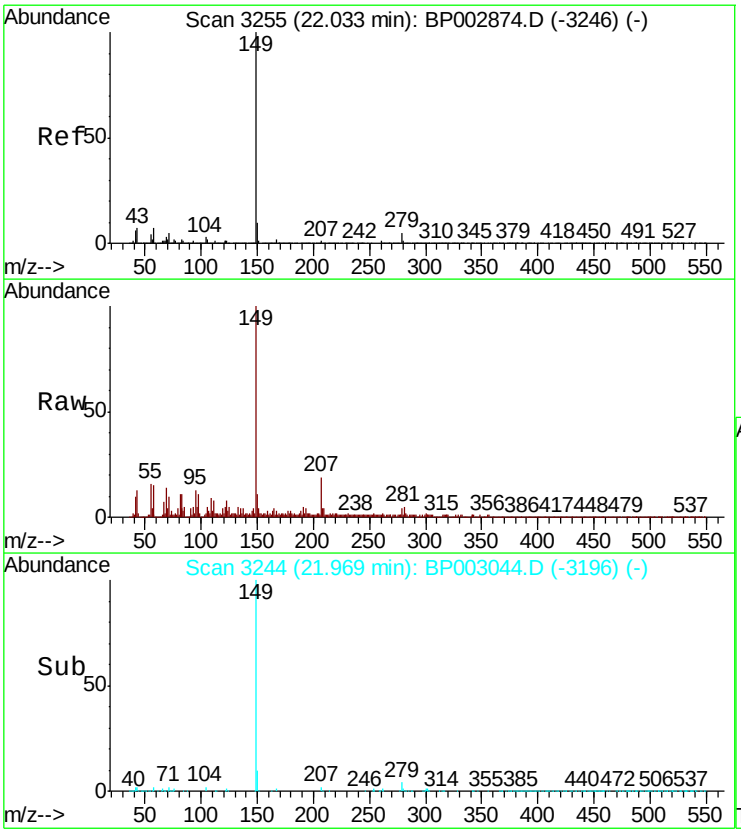
#83
Chrysene
Concen: 4.037 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:228 Resp: 372995

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	23.6	16.3	24.5

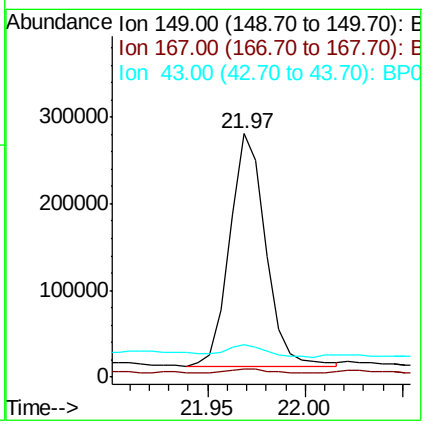


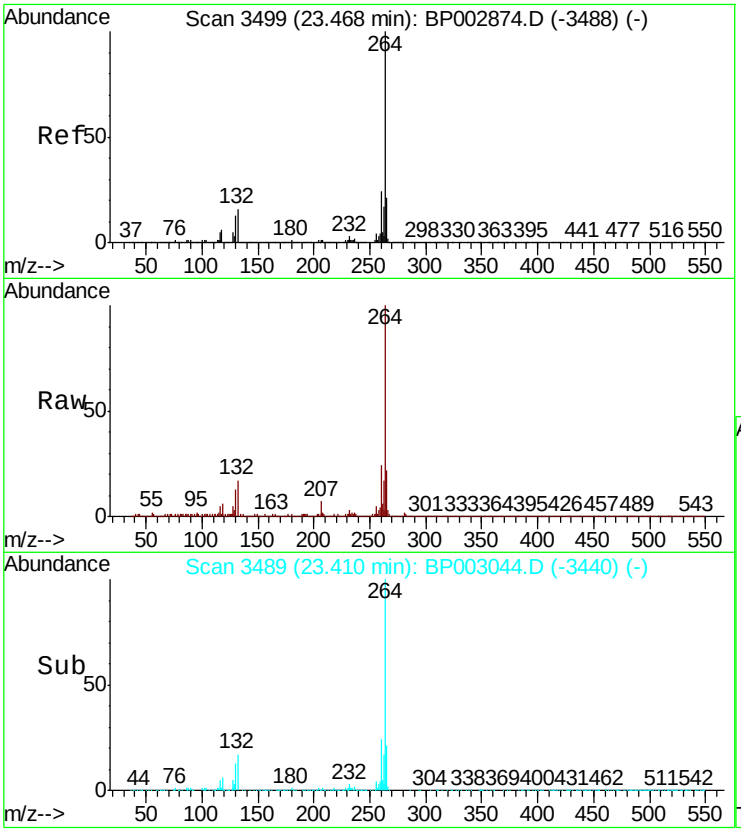


#85
Di-n-octyl phthalate
Concen: 3.723 ng
RT: 21.97 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:149 Resp: 340284

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.5	4.0	6.0



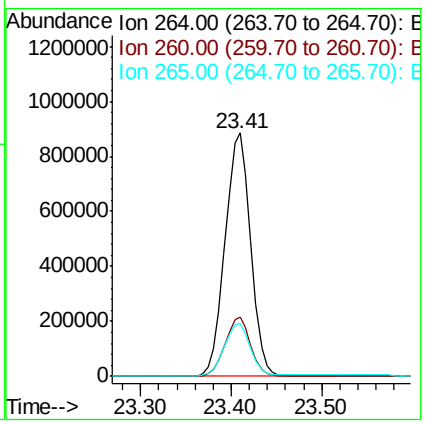


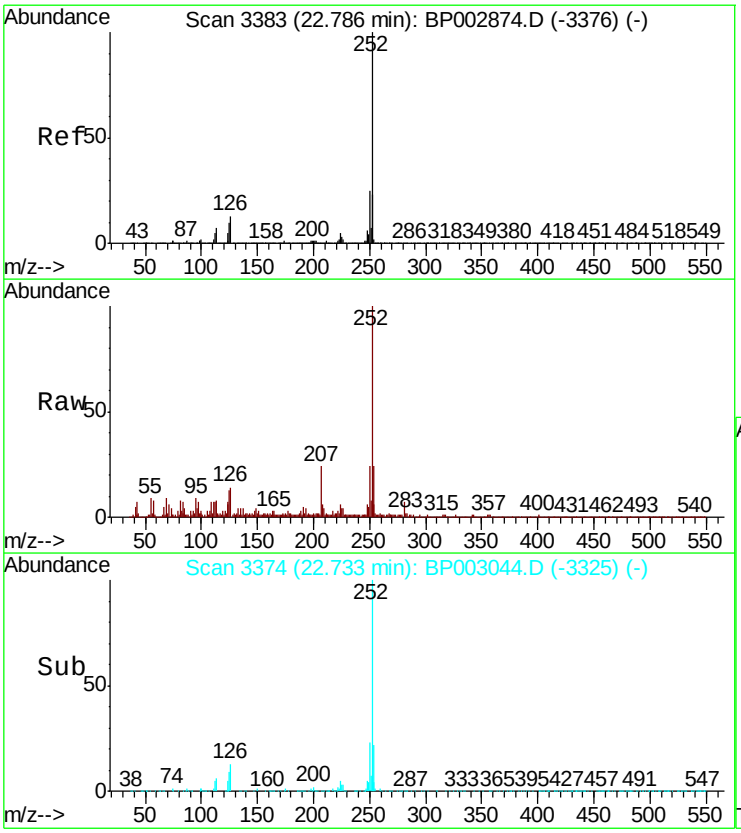
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:264 Resp: 1731693

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.3	25.9

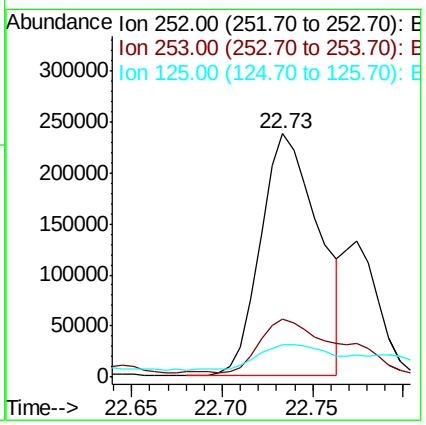


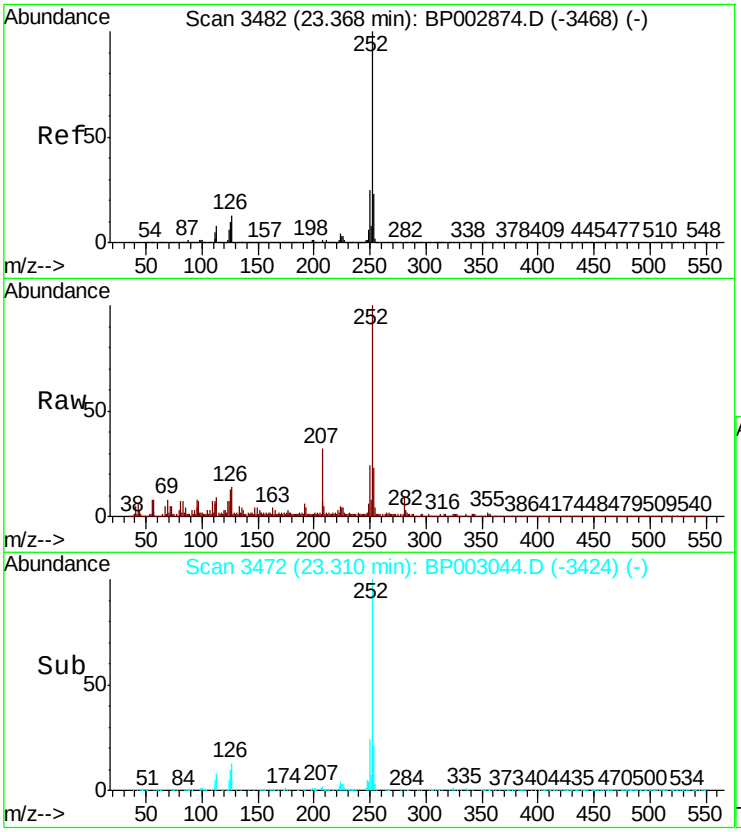


#88
Benzo(b)fluoranthene
Concen: 4.350 ng
RT: 22.73 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:252 Resp: 531521

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	13.3	9.4	14.2



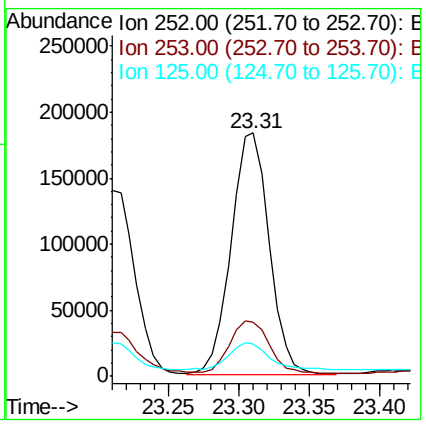


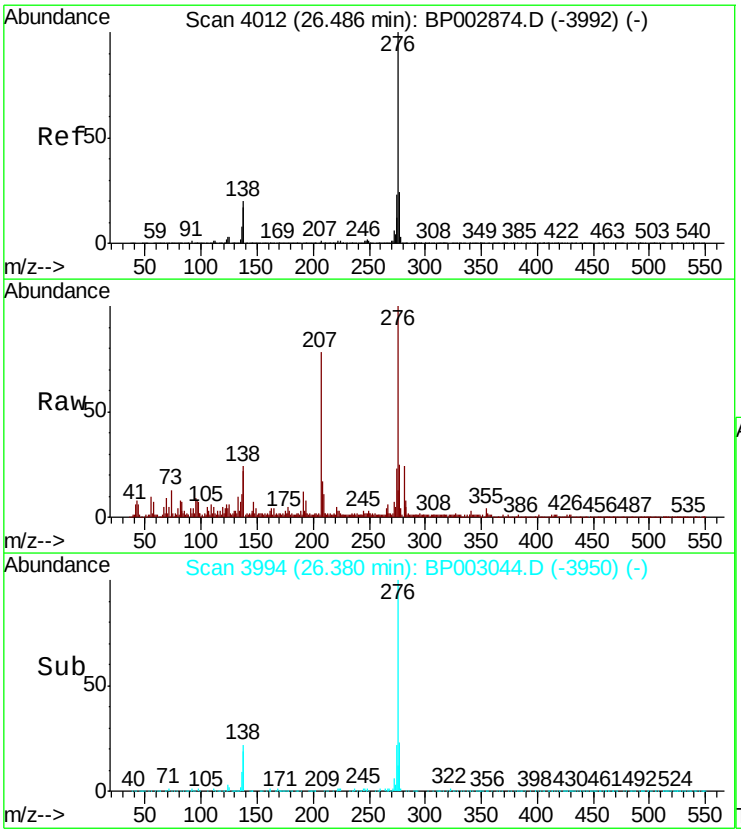
#90
Benzo(a)pyrene
Concen: 3.111 ng
RT: 23.31 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Instrument :
BNA_P
ClientSampleId :
CHRT-27137

Tgt Ion:252 Resp: 343561

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	13.4	9.9	14.9





#92
Benzo(g,h,i)perylene
Concen: 2.093 ng
RT: 26.38 min Scan# 3994
Delta R.T. -0.04 min
Lab File: BP003044.D
Acq: 19 Aug 2020 21:46

Tgt Ion:276 Resp: 238908

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.1	28.7
138	23.5	19.3	28.9