Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002909.D
Acq On : 05 Aug 2020 12:57
Operator : CG/JU
Sample : L3541-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TL-9

Quant Time: Aug 05 13:34:14 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	7.72	152	487843	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	1940968	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	1145004	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	1909258	20.00	ng		0.00
76) Chrysene-d12	21.21	240	1189741	20.00	ng		0.01
86) Perylene-d12	23.50	264	1506104	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	440347	13.81	ng		0.00
7) Phenol-d6	6.89	99	570428	12.89	ng		0.00
23) Nitrobenzene-d5	8.86	82	363179	10.13	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	207490	14.58	ng		0.00
45) 2-Fluorobiphenyl	12.97	172	943647	11.26	ng		0.00
79) Terphenyl-d14	19.69	244	772484	13.00	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.16	142	256252	3.242	ng		93
38) 1-Methylnaphthalene	12.38	142	291759	3.922	ng	#	99
71) Phenanthrene	17.15	178	875805	7.823	ng	#	87
78) Pyrene	19.48	202	520186	6.254	ng	#	84
92) Benzo(g,h,i)perylene	26.54	276	389816	3.927	ng	#	68

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

Quantitation Report (LSC Reviewed)

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Acq On : 05 Aug 2020 12:57
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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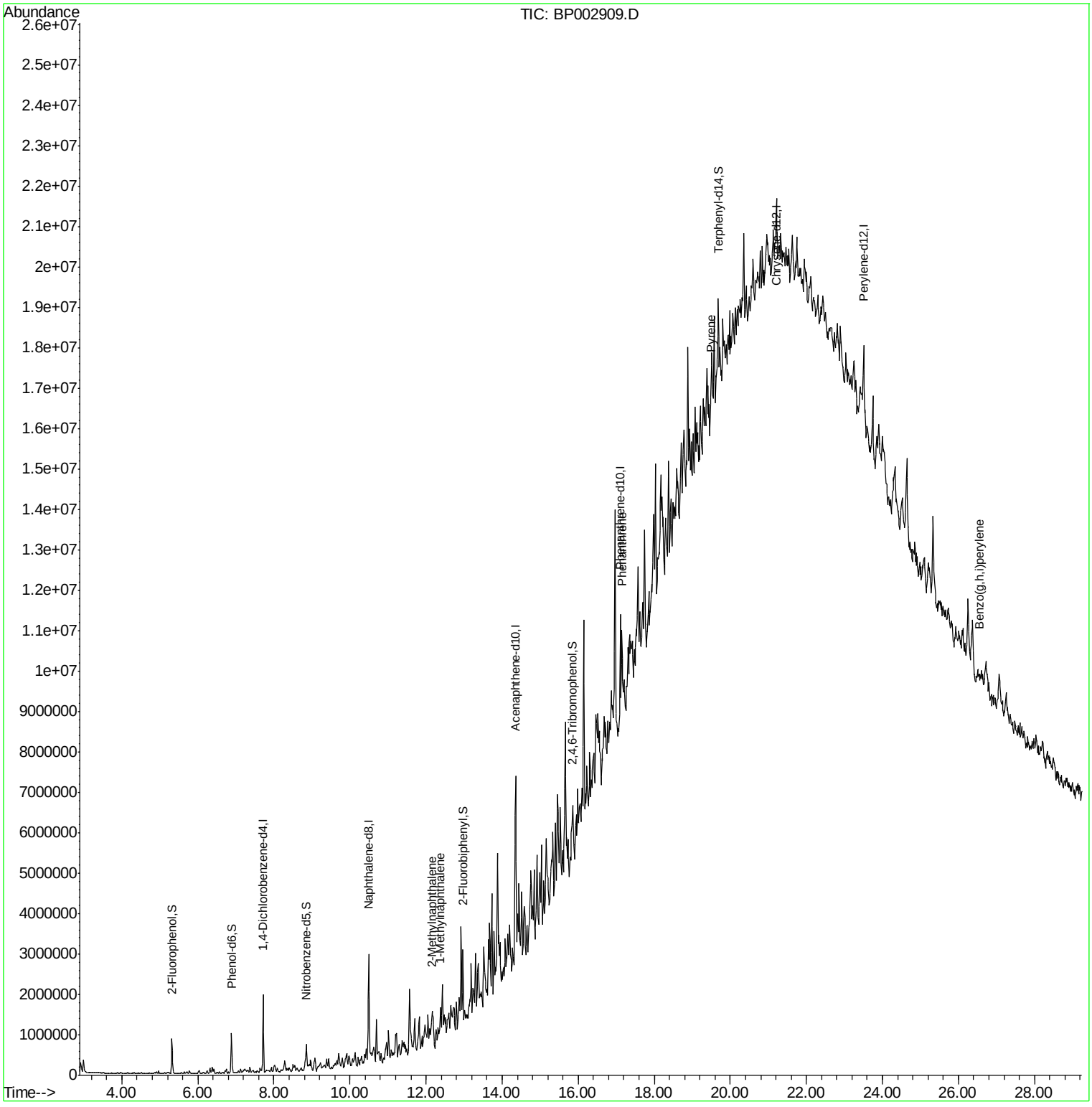
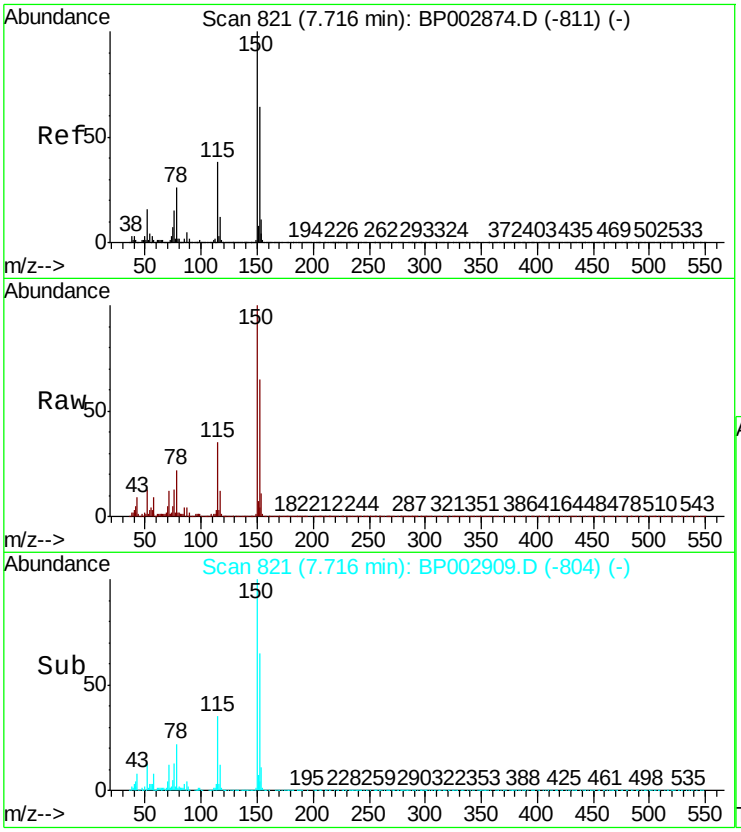


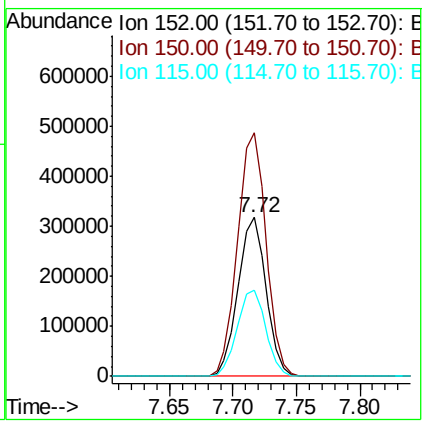


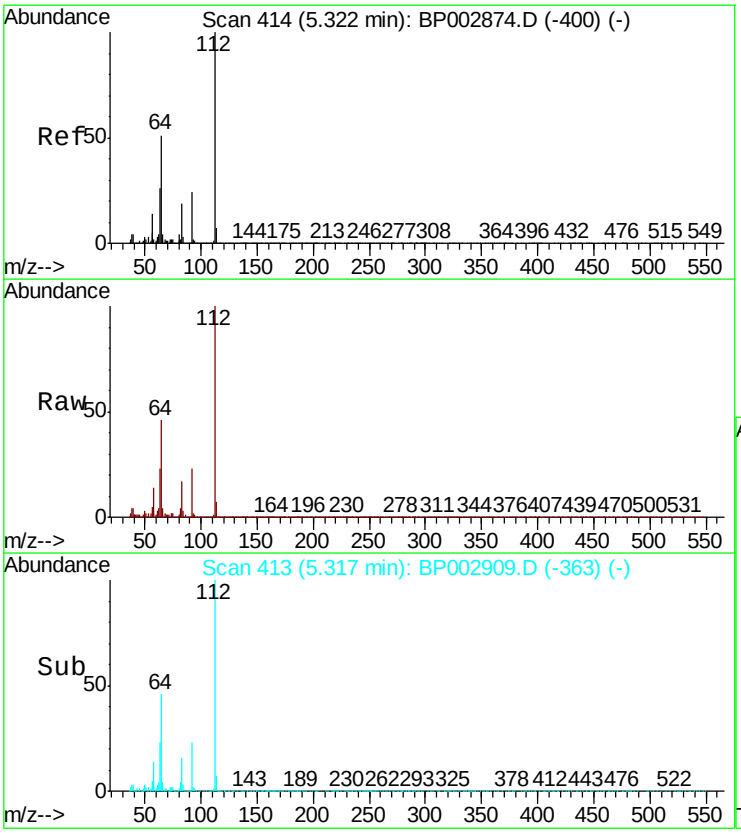
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. 0.00 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion:152 Resp: 487843

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.8	187.2
115	54.1	47.4	71.2

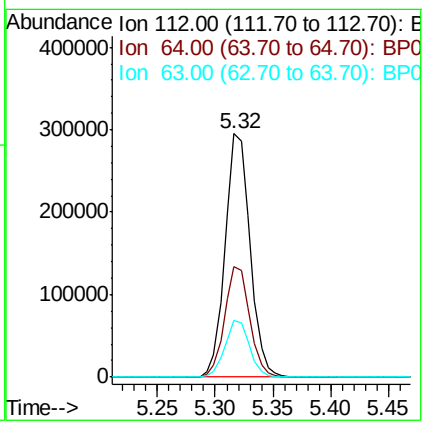


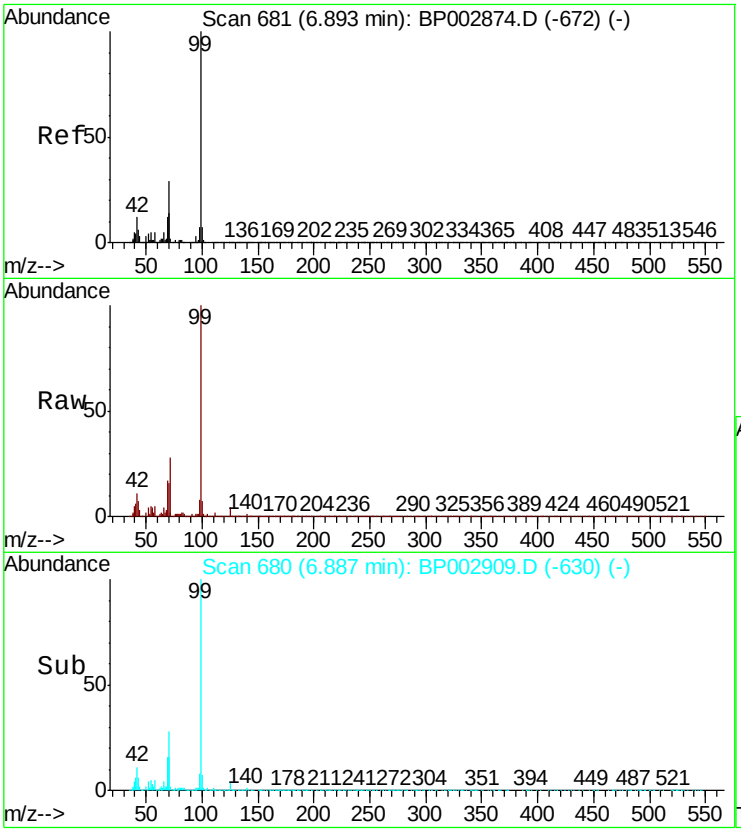


#5
2-Fluorophenol
Concen: 13.815 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Tgt Ion:112 Resp: 440347

Ion	Ratio	Lower	Upper
112	100		
64	45.6	41.0	61.6
63	23.1	20.7	31.1



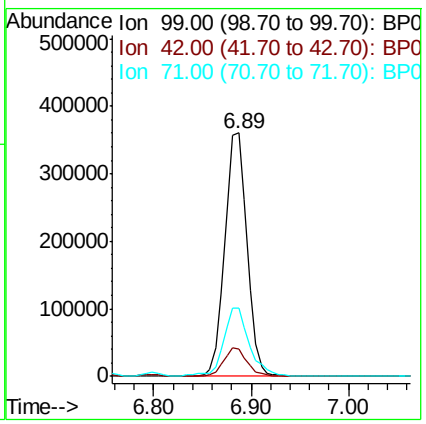


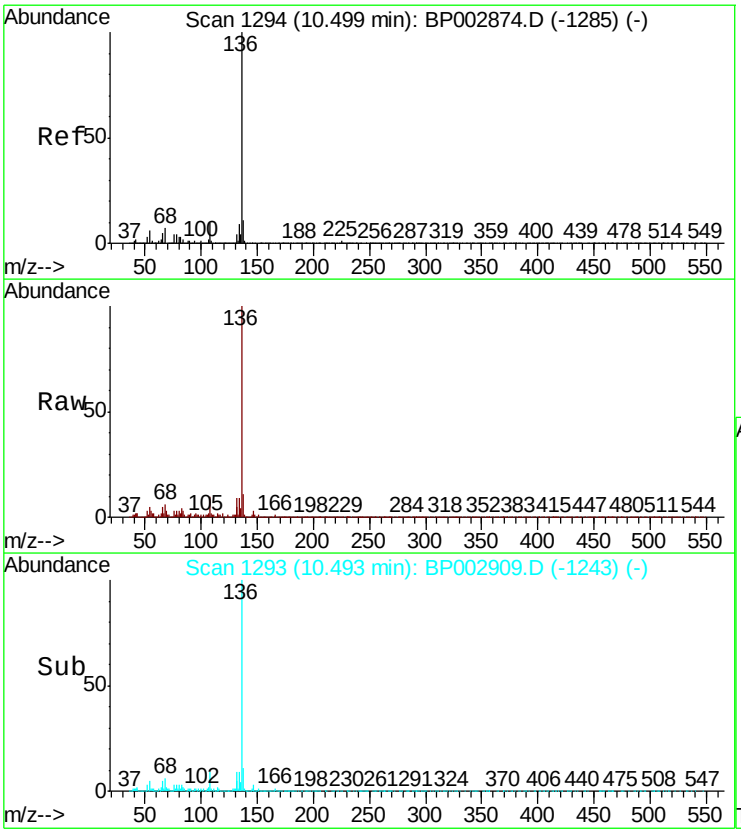
#7
Phenol-d6
Concen: 12.890 ng
RT: 6.89 min Scan# 680
Delta R.T. -0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion: 99 Resp: 570428

Ion	Ratio	Lower	Upper
99	100		
42	11.2	9.3	13.9
71	27.8	23.5	35.3

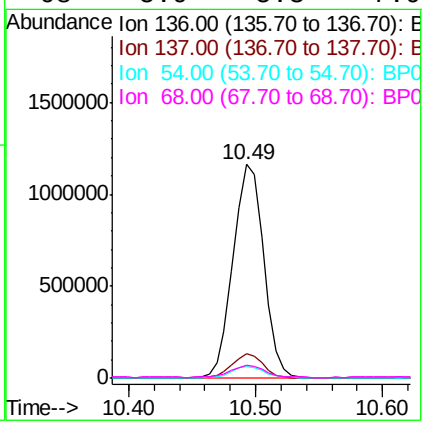


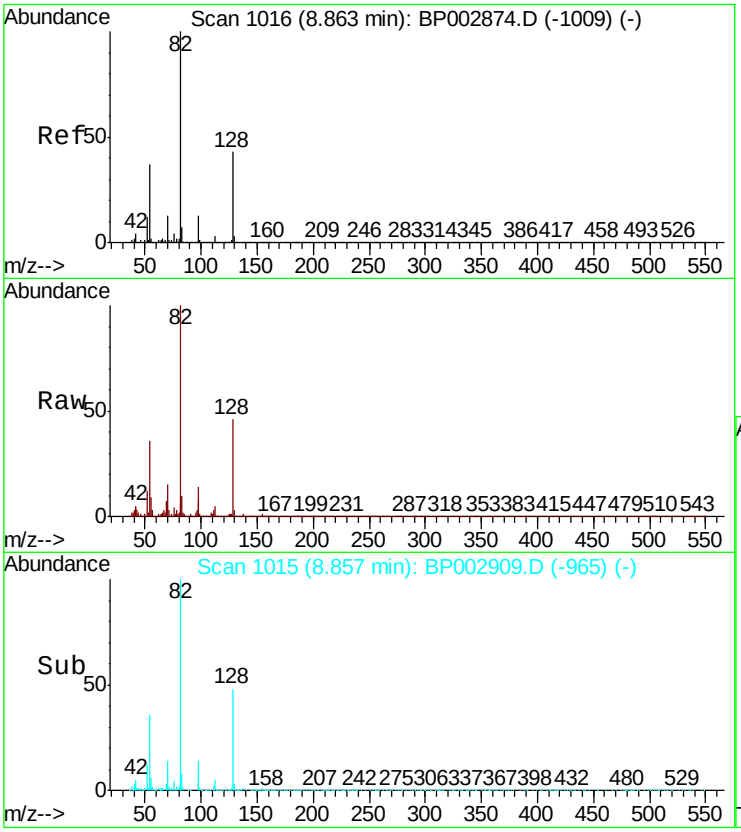


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Tgt Ion:136 Resp: 1940968

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	5.4	5.1	7.7
68	5.9	5.3	7.9



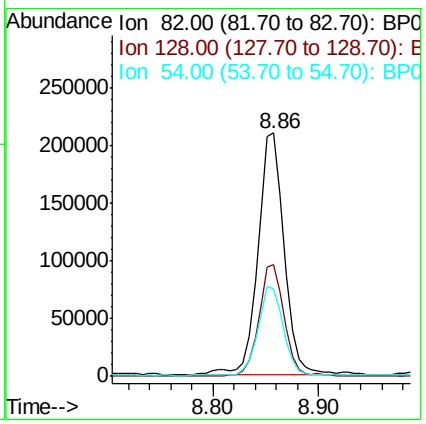


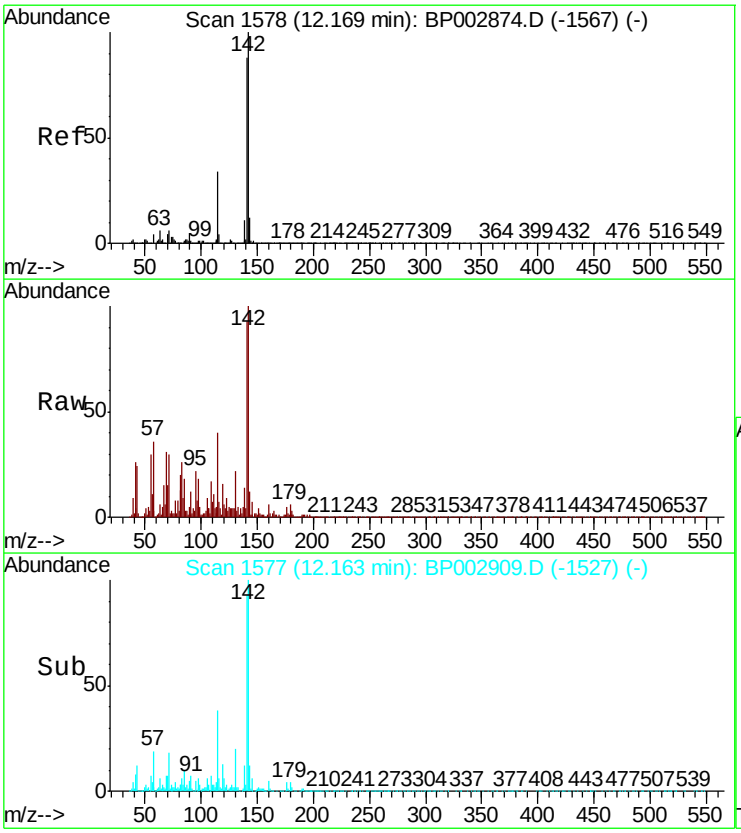
#23
Nitrobenzene-d5
Concen: 10.134 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion: 82 Resp: 363179

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.6	52.0
54	35.8	29.5	44.3

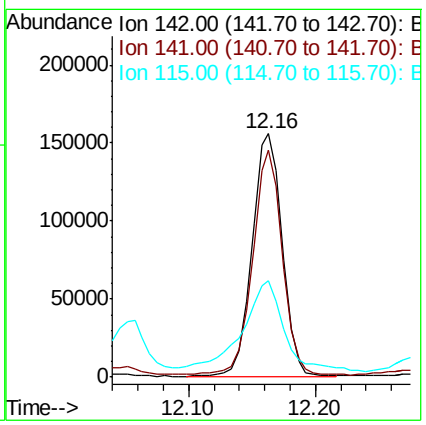


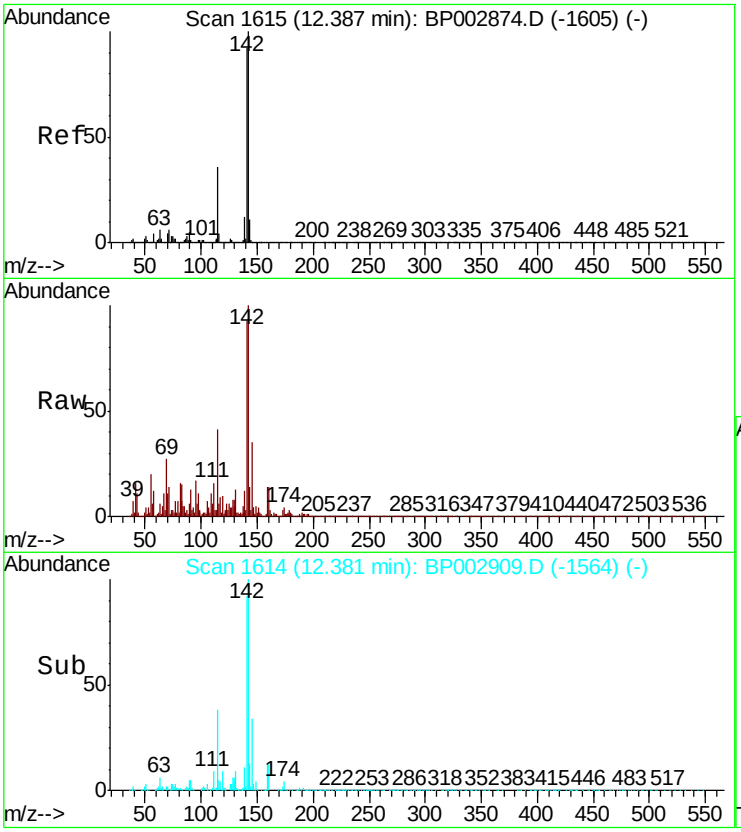


#37
2-Methylnaphthalene
Concen: 3.242 ng
RT: 12.16 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Tgt Ion:142 Resp: 256252

Ion	Ratio	Lower	Upper
142	100		
141	93.3	70.1	105.1
115	39.8	26.8	40.2



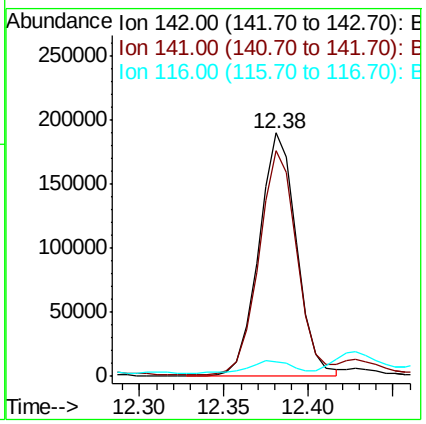


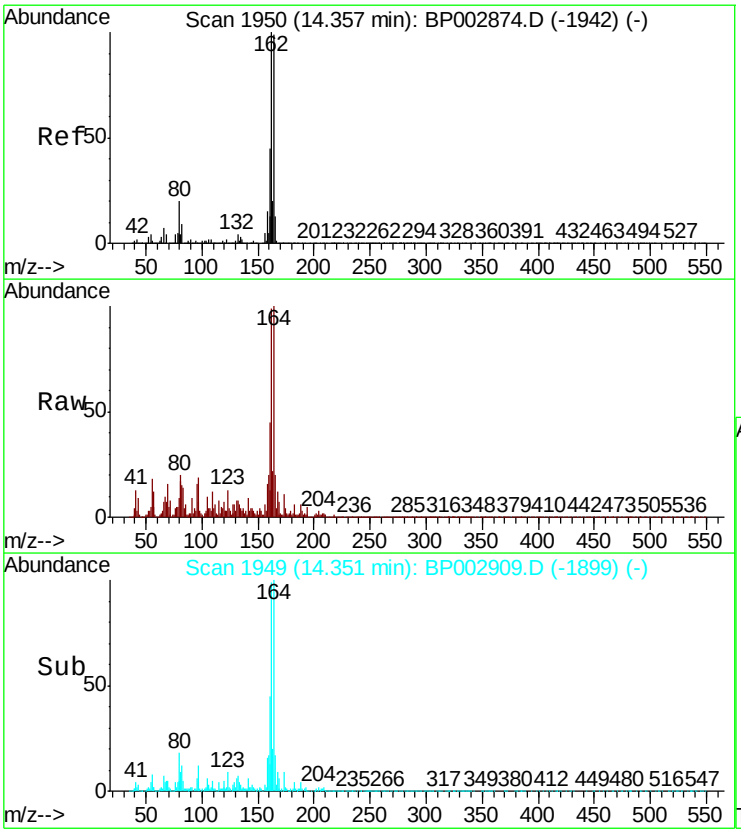
#38
1-Methylnaphthalene
Concen: 3.922 ng
RT: 12.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion:142 Resp: 291759

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.6	110.4
116	6.0	3.1	4.7#

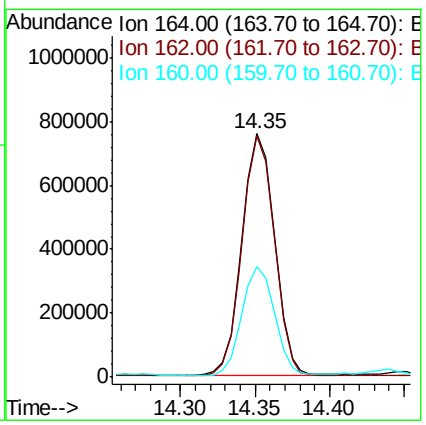


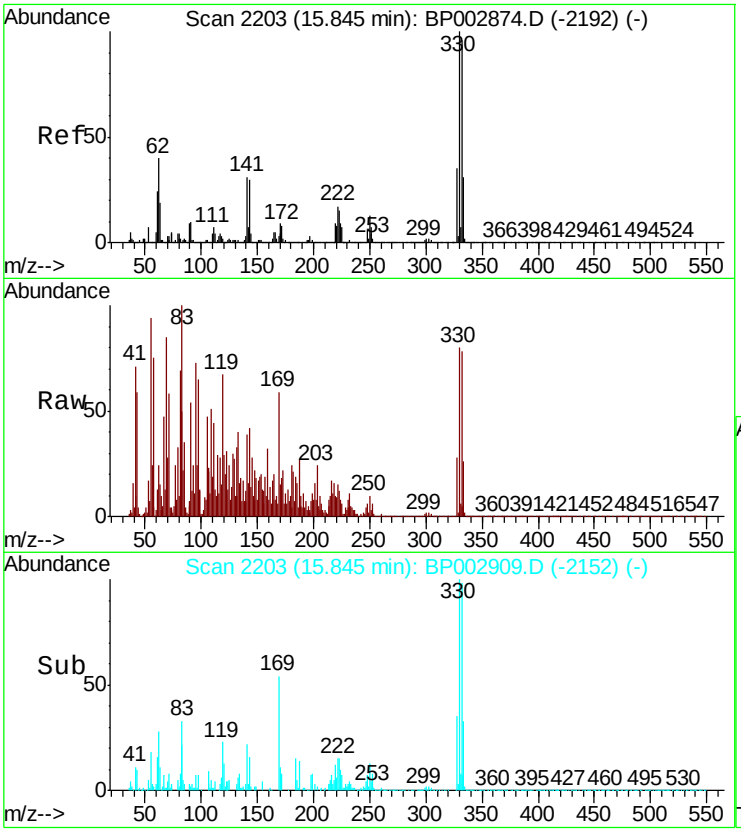


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Tgt Ion:164 Resp: 1145004

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.0	121.6
160	45.3	36.2	54.4



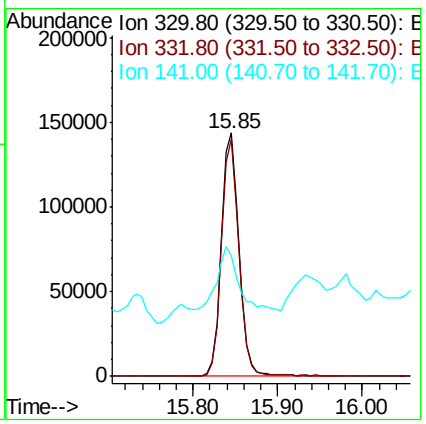


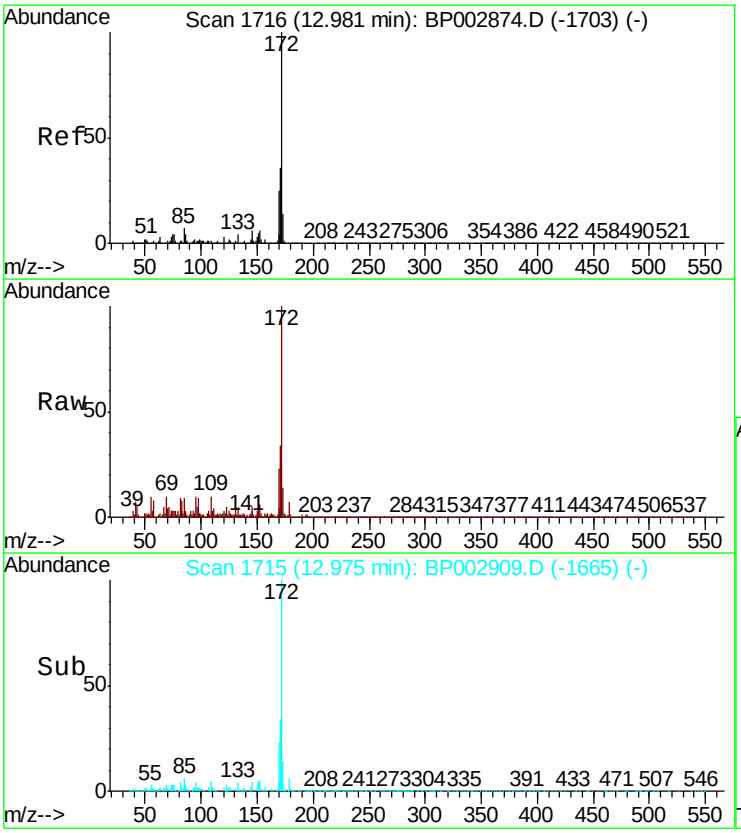
#42
2,4,6-Tribromophenol
Concen: 14.580 ng
RT: 15.85 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion:330 Resp: 207490

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	31.5	24.6	37.0

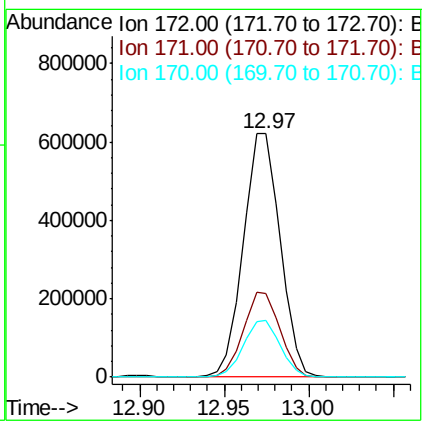


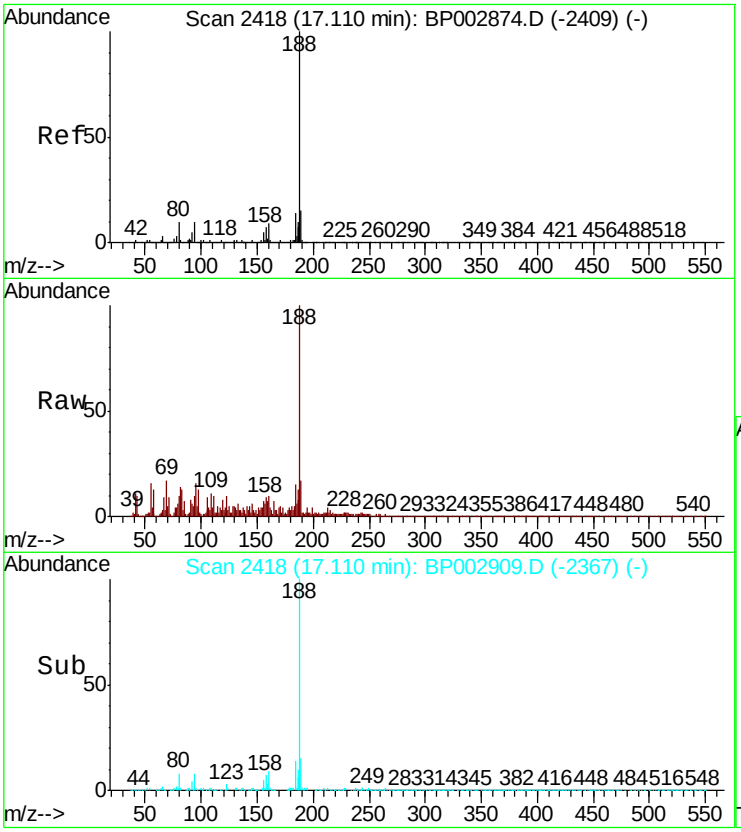


#45
2-Fluorobiphenyl
Concen: 11.260 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Tgt Ion:172 Resp: 943647

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.1	43.7
170	23.2	19.6	29.4



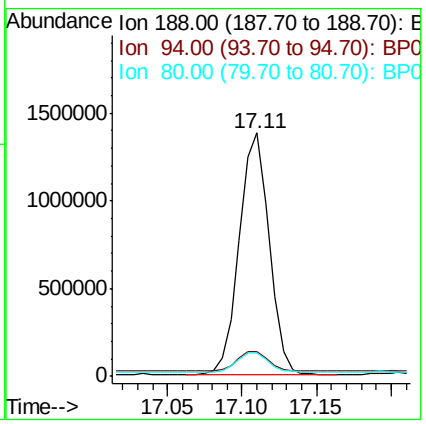


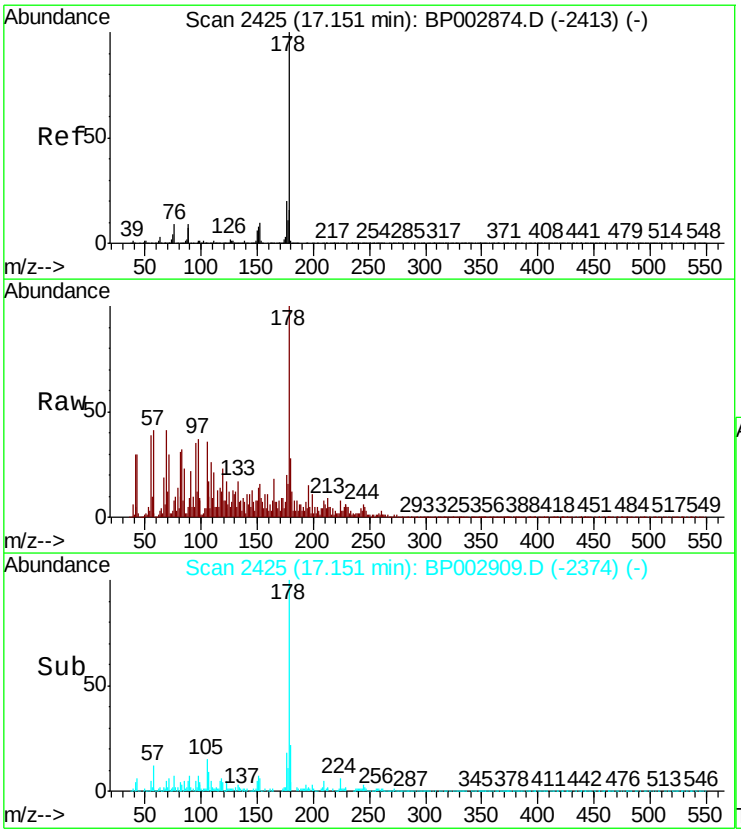
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion:188 Resp: 1909258

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	9.7	8.0	12.0

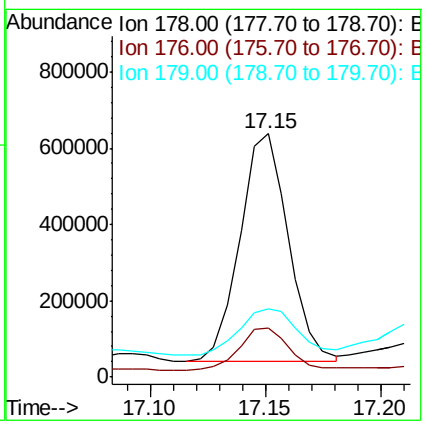


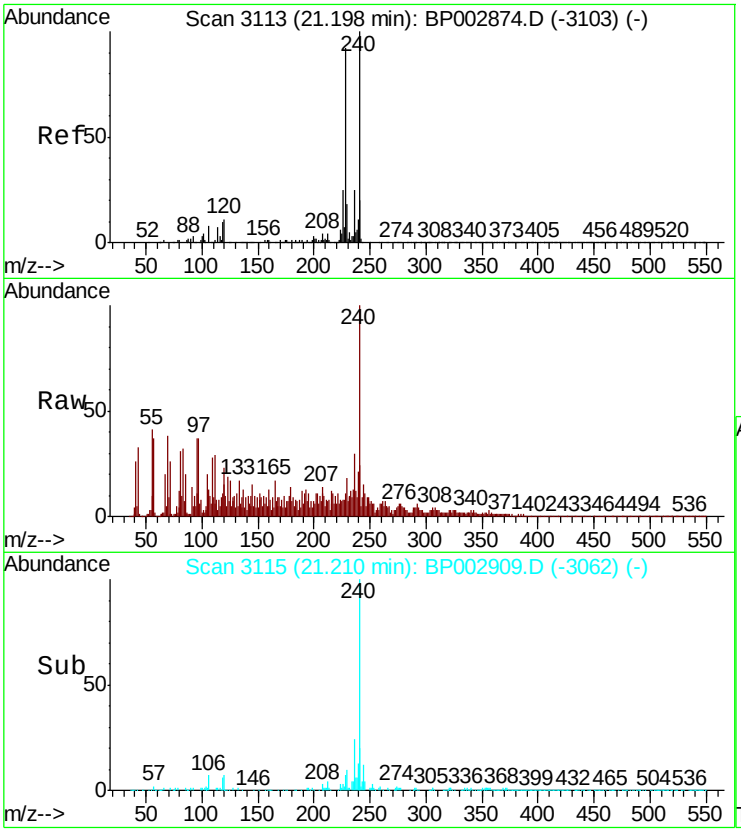


#71
Phenanthrene
Concen: 7.823 ng
RT: 17.15 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Tgt Ion:178 Resp: 875805

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.1	24.1
179	28.3	13.0	19.4#



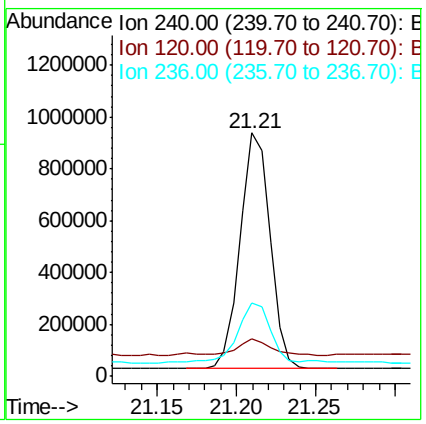


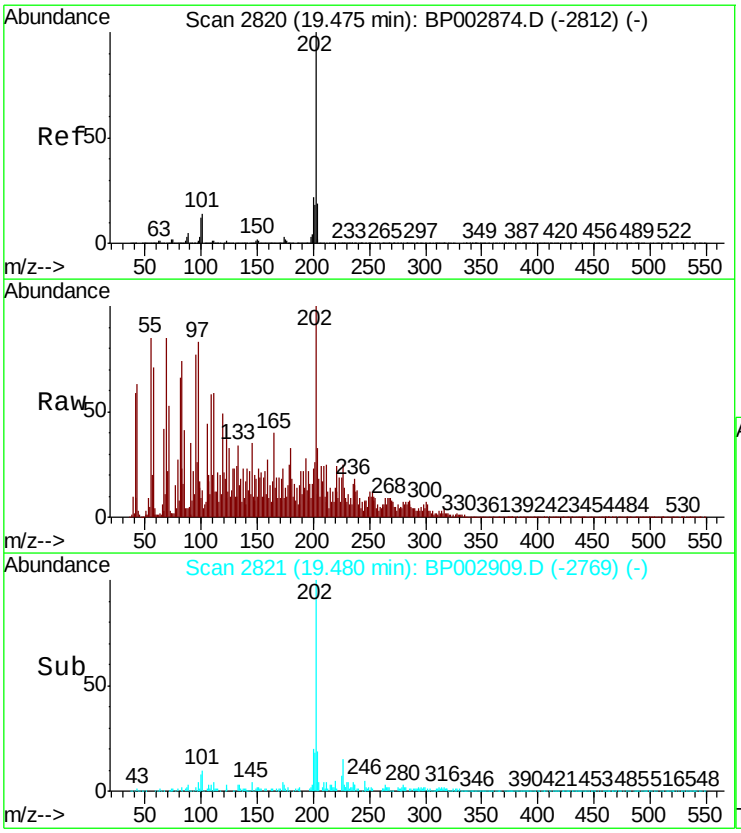
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.21 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion:240 Resp: 1189741

Ion	Ratio	Lower	Upper
240	100		
120	15.4	8.9	13.3#
236	30.2	20.3	30.5

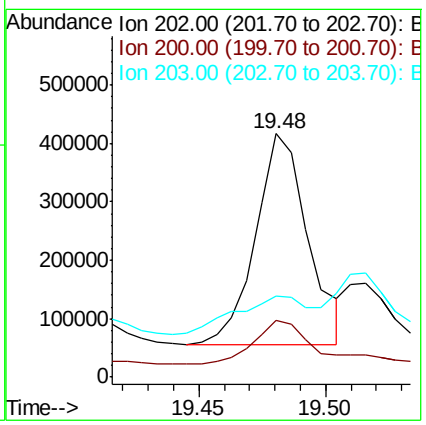


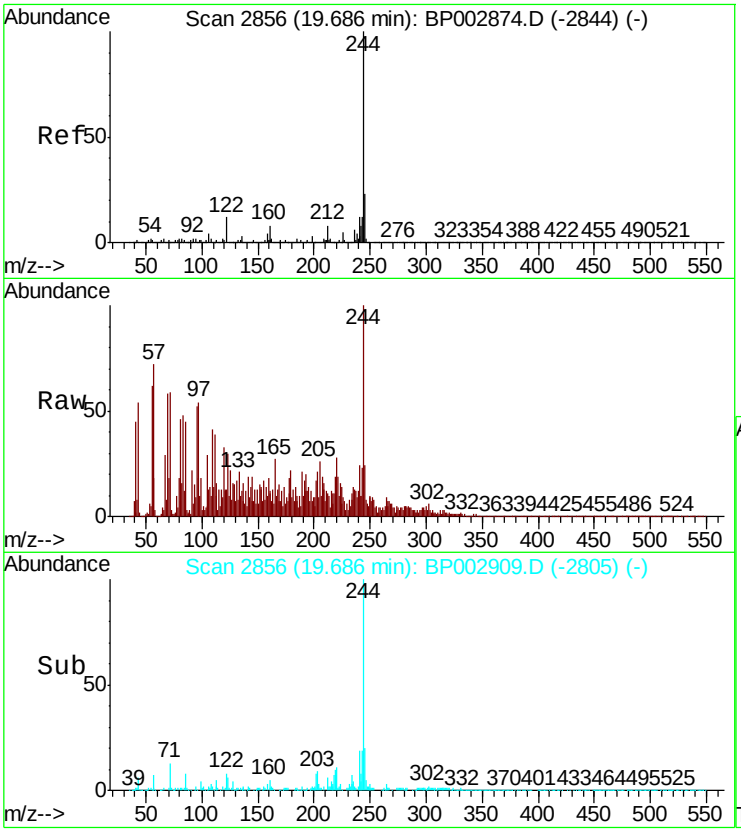


#78
Pyrene
Concen: 6.254 ng
RT: 19.48 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Tgt Ion:202 Resp: 520186

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.9	26.9
203	33.4	15.1	22.7#



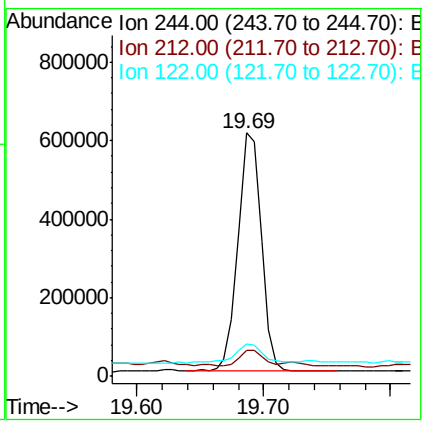


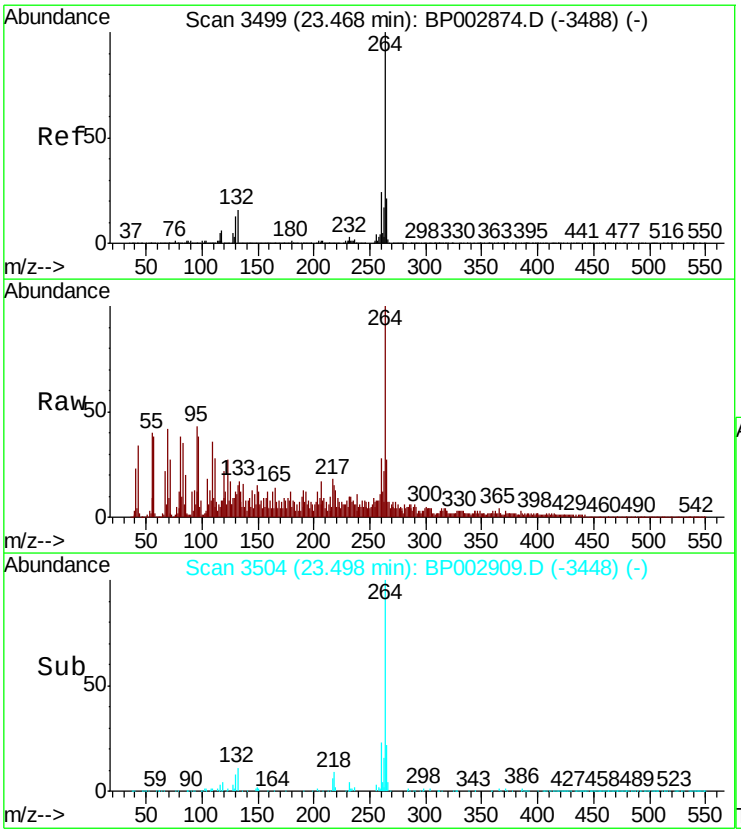
#79
Terphenyl-d14
Concen: 12.998 ng
RT: 19.69 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion:244 Resp: 772484

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.4	9.6#
122	13.3	9.4	14.2

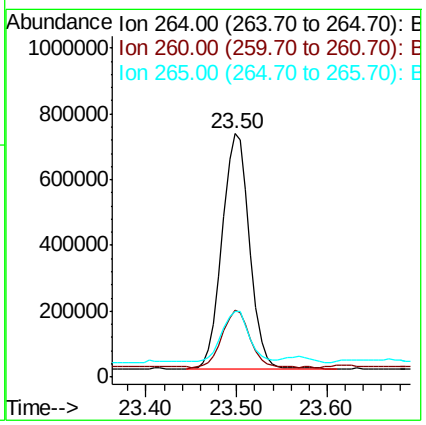


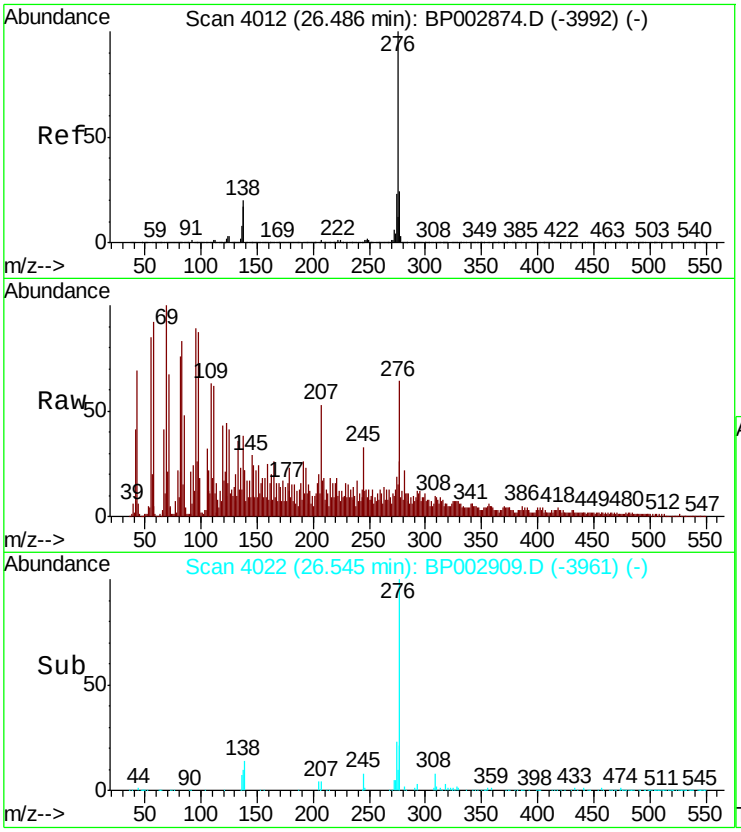


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3504
Delta R.T. 0.03 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Tgt Ion:264 Resp: 1506104

Ion	Ratio	Lower	Upper
264	100		
260	27.6	19.0	28.6
265	27.1	17.0	25.4#





#92
Benzo(g,h,i)perylene
Concen: 3.927 ng
RT: 26.54 min Scan# 4022
Delta R.T. 0.06 min
Lab File: BP002909.D
Acq: 05 Aug 2020 12:57

Instrument :
BNA_P
ClientSampleId :
TL-9

Tgt Ion:276 Resp: 389816

Ion	Ratio	Lower	Upper
276	100		
277	40.1	19.3	28.9#
138	35.1	16.2	24.2#