Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009660.D
Acq On : 01 Apr 2022 16:22
Operator : CG/JU
Sample : N2167-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Quant Time: Apr 01 22:44:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	218528	20.000	ng		-0.01
21) Naphthalene-d8	10.522	136	853760	20.000	ng		-0.01
39) Acenaphthene-d10	14.381	164	524300	20.000	ng		-0.01
64) Phenanthrene-d10	17.145	188	1115734	20.000	ng		-0.01
76) Chrysene-d12	21.269	240	1180988	20.000	ng		0.00
86) Perylene-d12	23.645	264	1286025	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	2008232	160.448	ng		0.00
7) Phenol-d6	6.928	99	2254190	133.174	ng		0.00
23) Nitrobenzene-d5	8.887	82	1698818	105.739	ng		-0.01
42) 2,4,6-Tribromophenol	15.887	330	1174584	135.761	ng		0.00
45) 2-Fluorobiphenyl	12.999	172	3808607	100.703	ng		-0.01
79) Terphenyl-d14	19.728	244	6395933	97.207	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.875	77	327	Below Cal		#	54
31) Naphthalene	10.569	128	211660	4.813	ng		98
41) Hexachlorocyclopentadiene	12.528	237	26	7.291	ng		78
52) Acenaphthene	14.446	154	224917	7.920	ng		97
54) 2,4-Dinitrophenol	14.540	184	127	4.556	ng	#	1
55) Dibenzofuran	14.787	168	103397	2.167	ng		99
56) 4-Nitrophenol	14.787	139	38120	5.817	ng	#	10
58) Fluorene	15.440	166	150412	4.009	ng		98
71) Phenanthrene	17.187	178	460832	7.716	ng		100
73) Carbazole	17.569	167	240738	4.174	ng		99
75) Fluoranthene	19.175	202	202195	2.796	ng		98

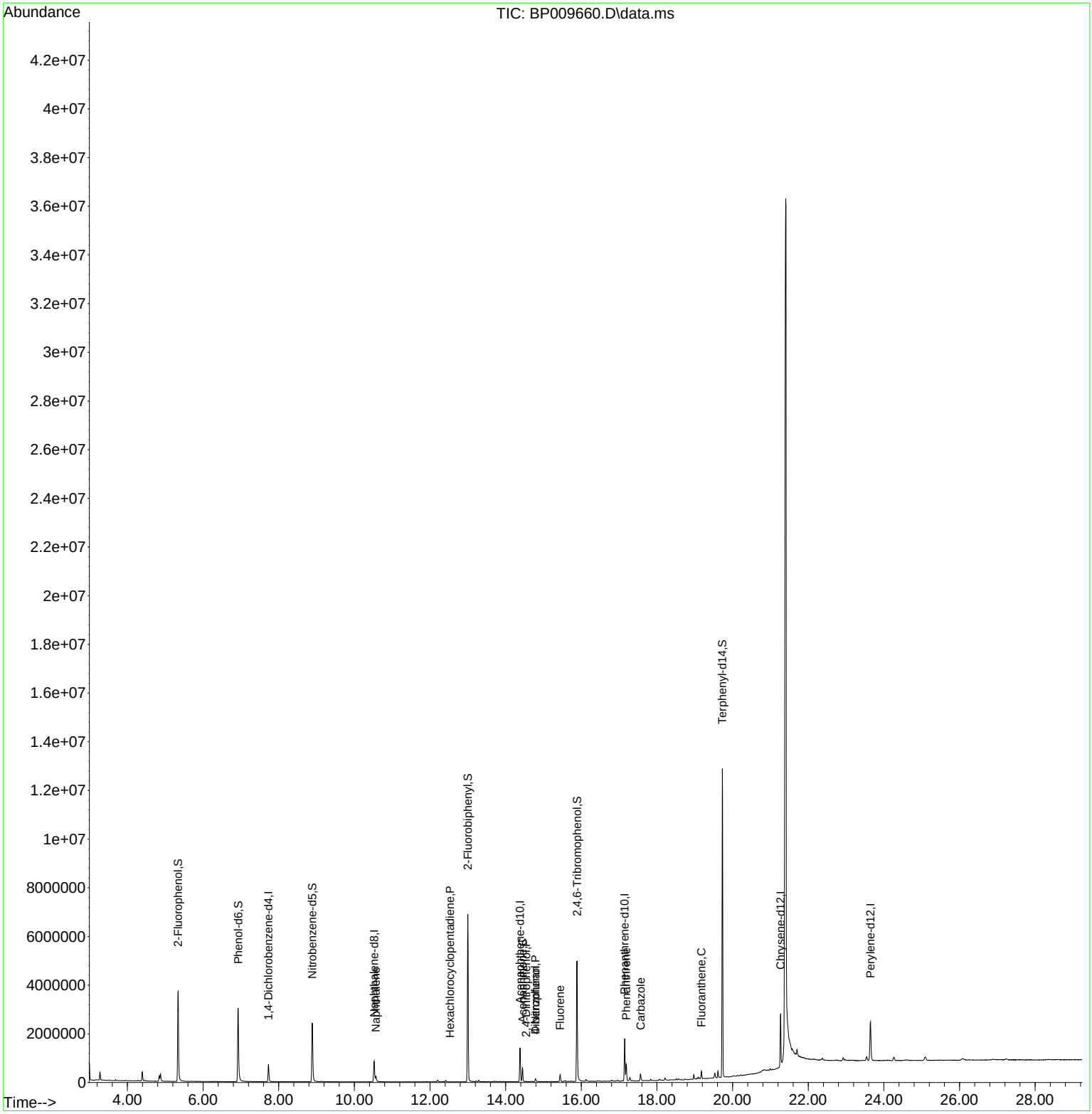
(#) = qualifier out of range (m) = manual integration (+) = signals summed

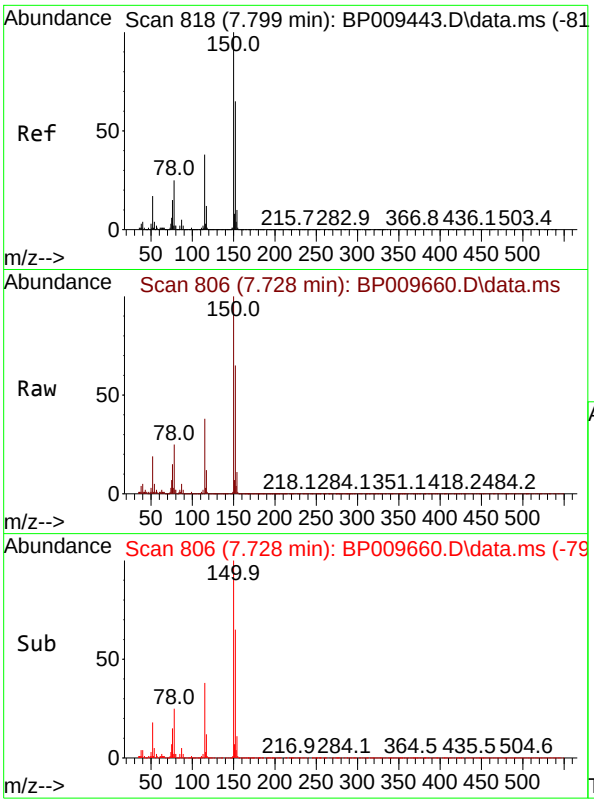
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009660.D
Acq On : 01 Apr 2022 16:22
Operator : CG/JU
Sample : N2167-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Quant Time: Apr 01 22:44:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration



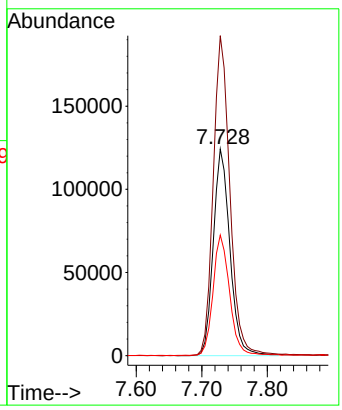


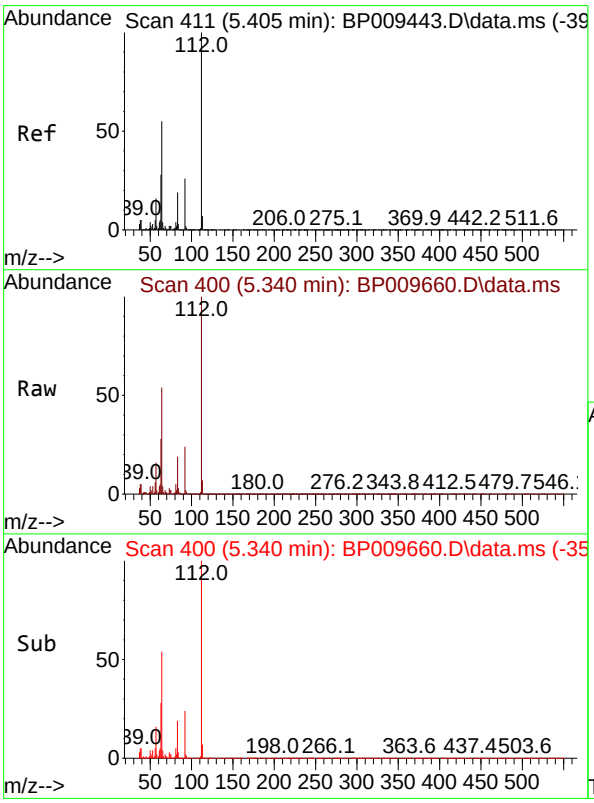
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 8(
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:152 Resp: 218528

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.5	186.7
115	58.4	48.2	72.4

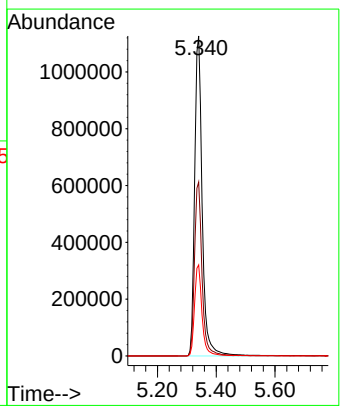


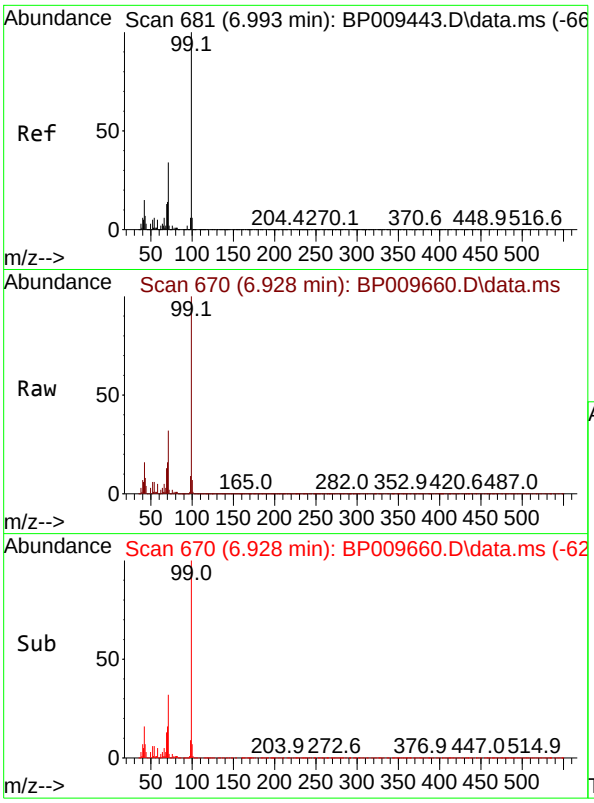


#5
2-Fluorophenol
Concen: 160.448 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:112 Resp: 2008232

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.0	67.4
63	28.5	23.0	34.6



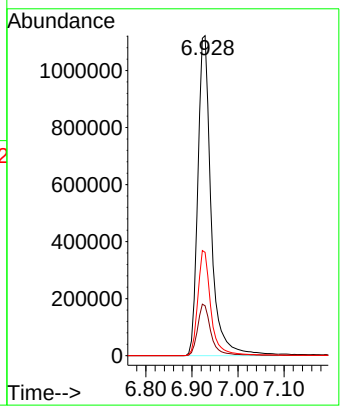


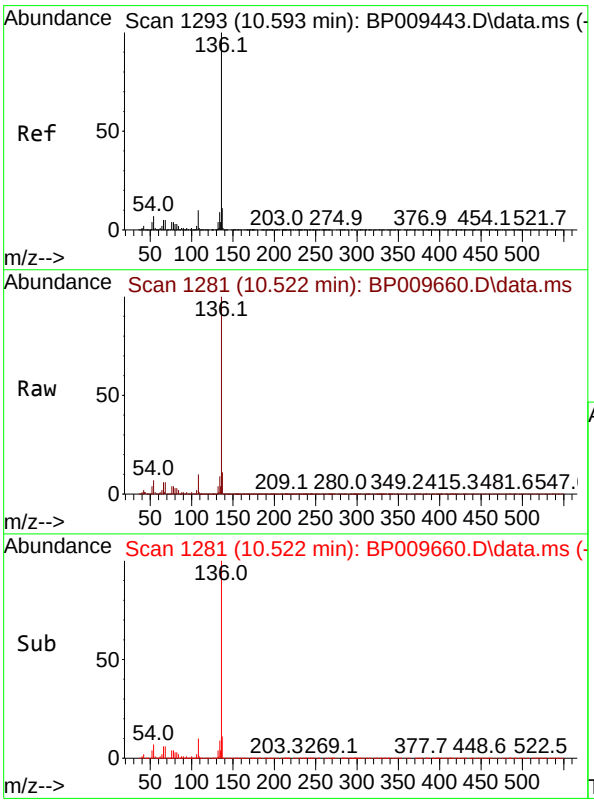
#7
Phenol-d6
Concen: 133.174 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion: 99 Resp: 2254190

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.8	19.2
71	32.3	26.3	39.5

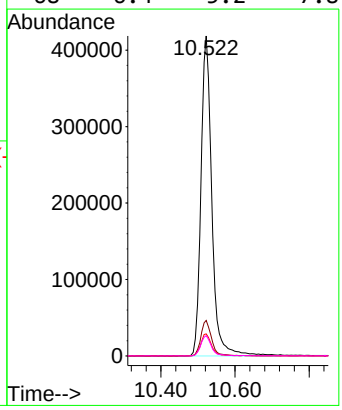


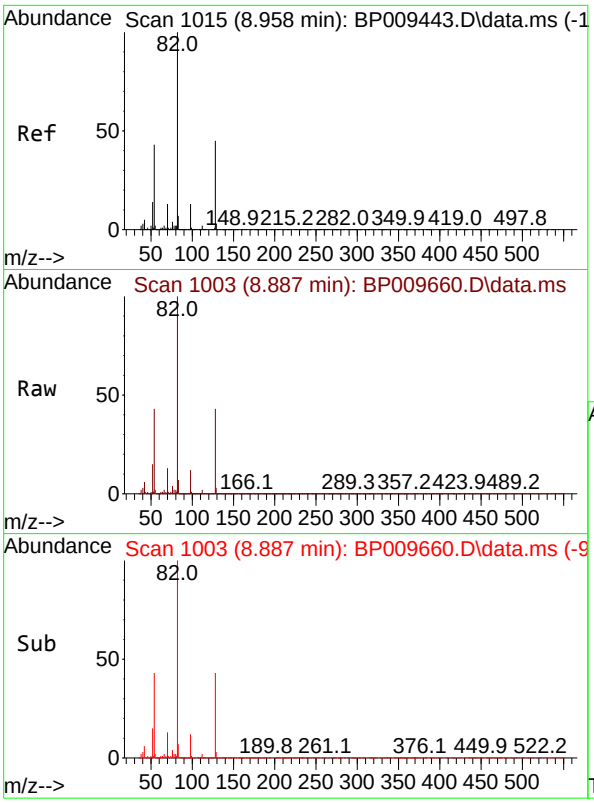


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:136 Resp: 853760

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.9	5.8	8.8
68	6.4	5.2	7.8



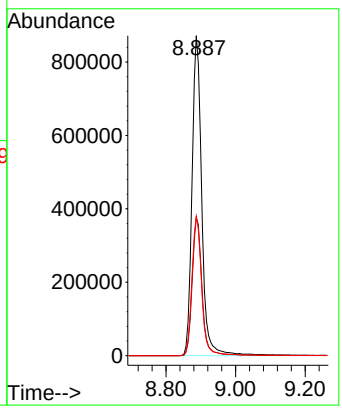


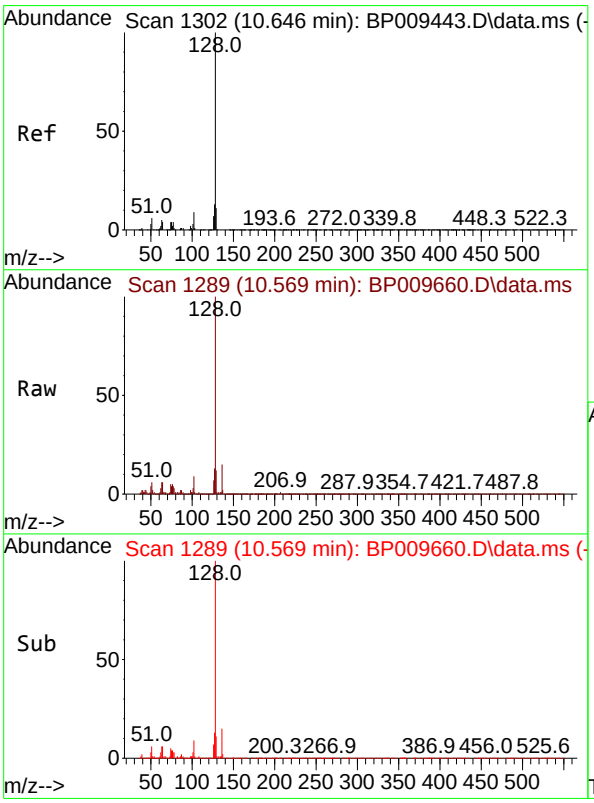
#23
Nitrobenzene-d5
Concen: 105.739 ng
RT: 8.887 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion: 82 Resp: 1698818

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.2	51.4
54	43.5	34.7	52.1

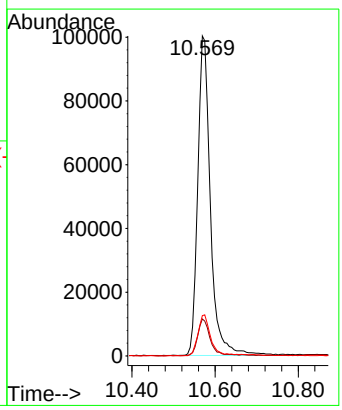


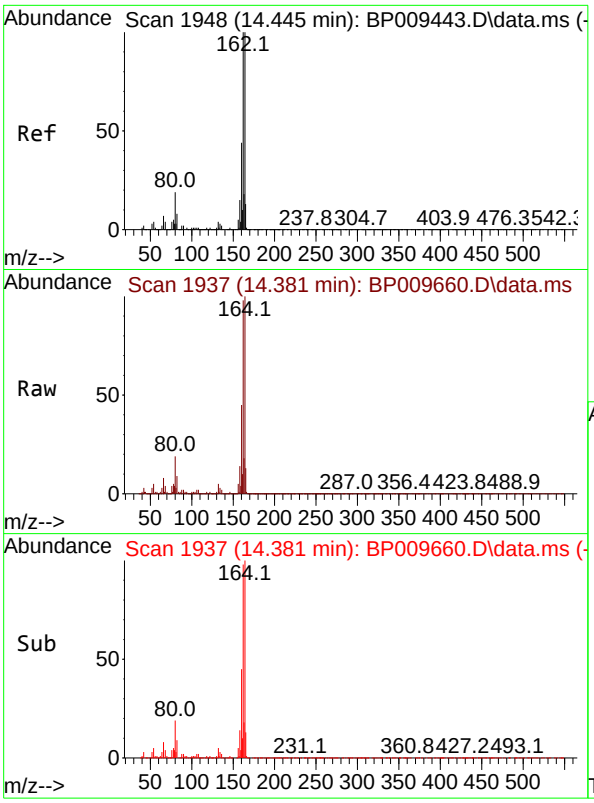


#31
Naphthalene
Concen: 4.813 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:128 Resp: 211660

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	12.6	10.5	15.7



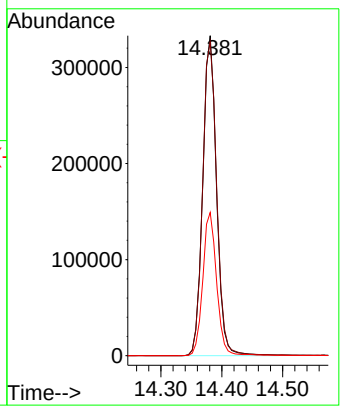


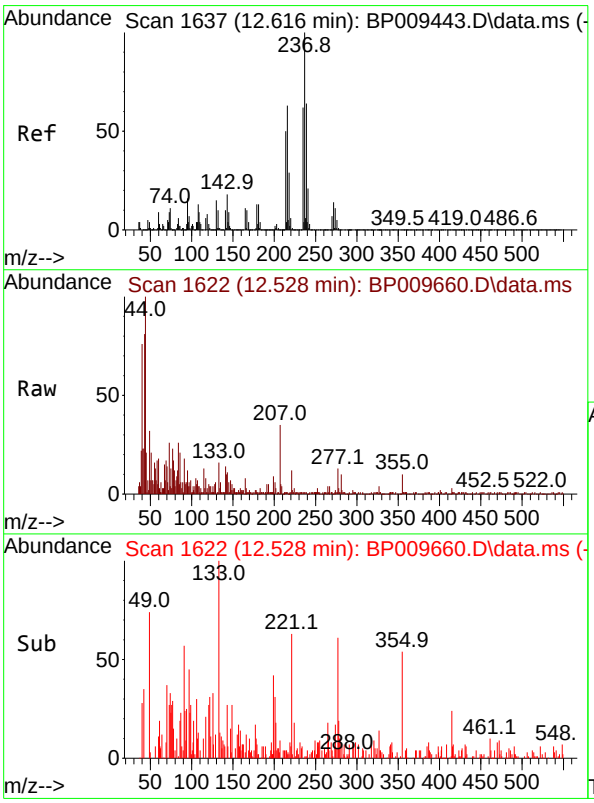
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:164 Resp: 524300

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.1	118.7
160	44.8	34.9	52.3

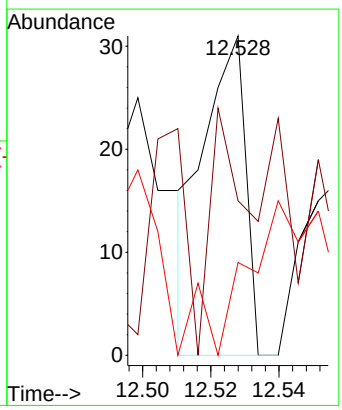


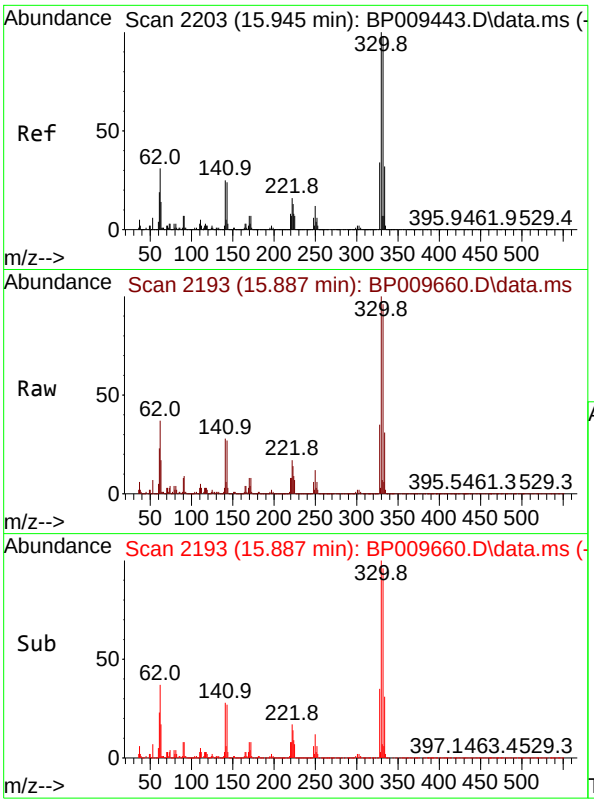


#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.528 min Scan# 1622
Delta R.T. -0.029 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:237 Resp: 26

Ion	Ratio	Lower	Upper
237	100		
235	48.4	42.6	82.6
272	29.0	0.0	32.8



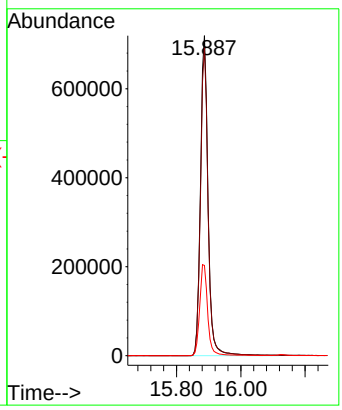


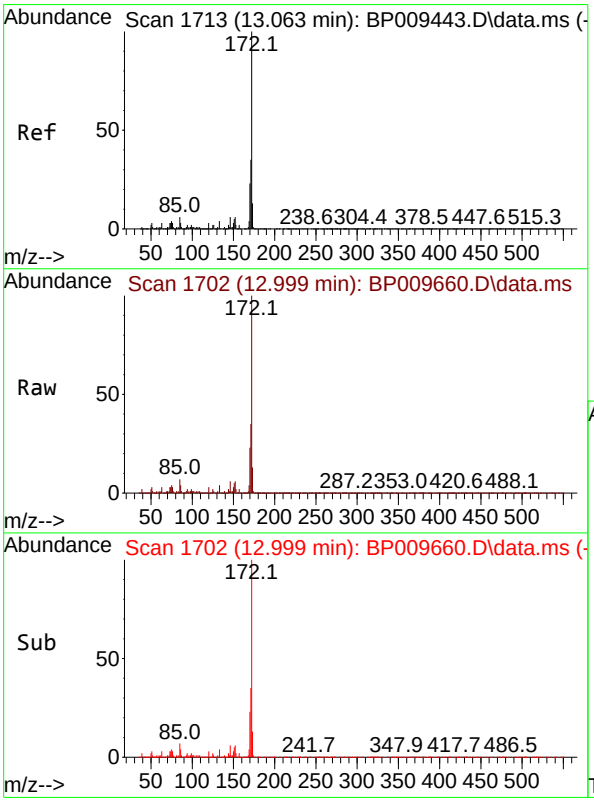
#42
2,4,6-Tribromophenol
Concen: 135.761 ng
RT: 15.887 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:330 Resp: 1174584

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.8	27.6	41.4

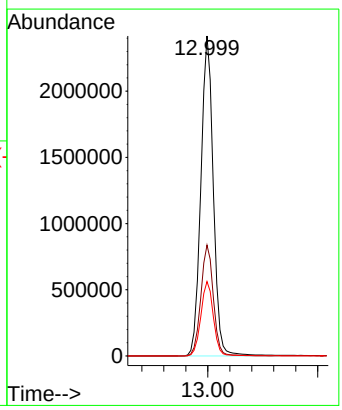


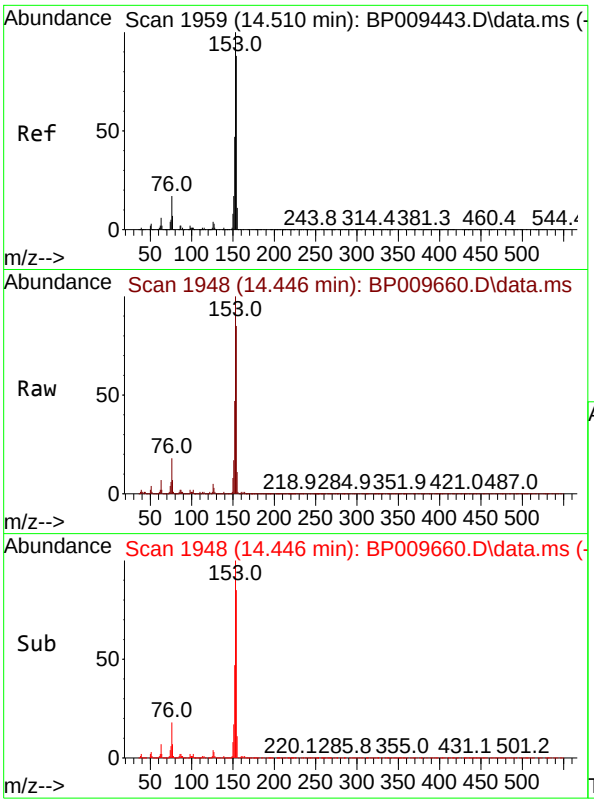


#45
2-Fluorobiphenyl
Concen: 100.703 ng
RT: 12.999 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:172 Resp: 3808607

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.3	18.6	27.8



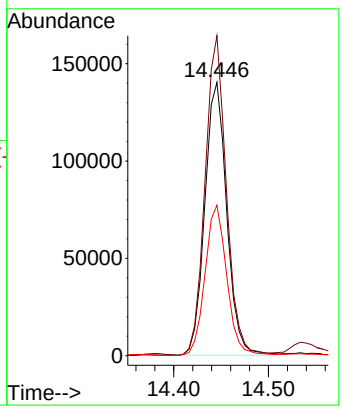


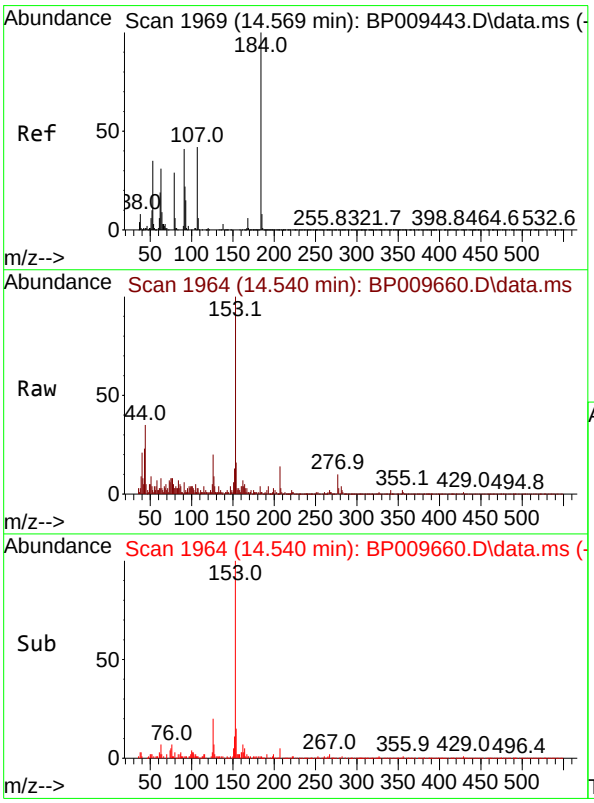
#52
Acenaphthene
Concen: 7.920 ng
RT: 14.446 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:154 Resp: 224917

Ion	Ratio	Lower	Upper
154	100		
153	117.1	90.2	135.4
152	55.0	42.7	64.1

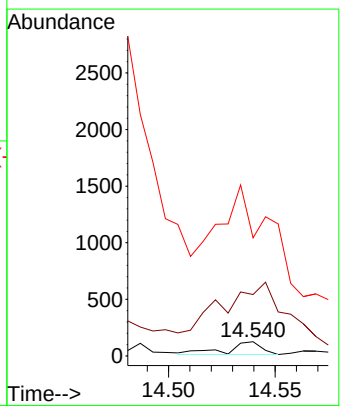


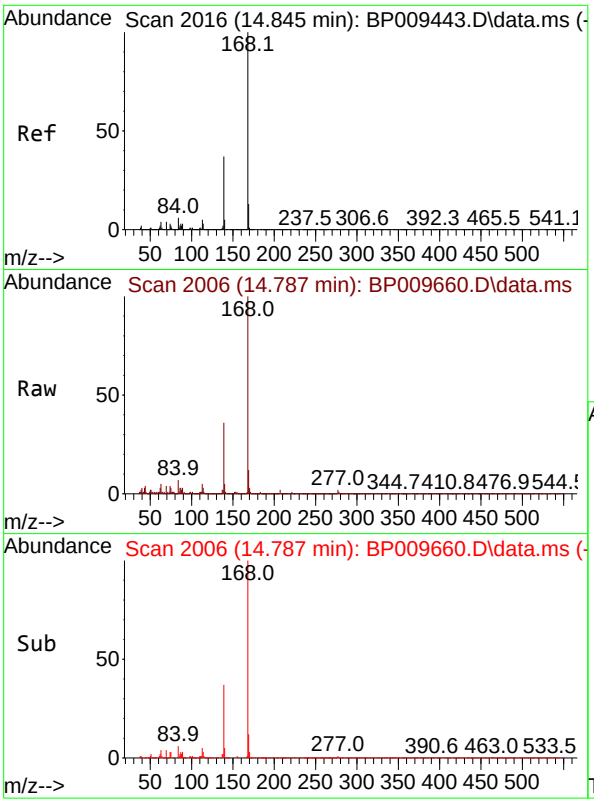


#54
2,4-Dinitrophenol
Concen: 4.556 ng
RT: 14.540 min Scan# 1964
Delta R.T. 0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:184 Resp: 127

Ion	Ratio	Lower	Upper
184	100		
63	434.4	46.3	69.5#
154	834.4	45.8	68.6#



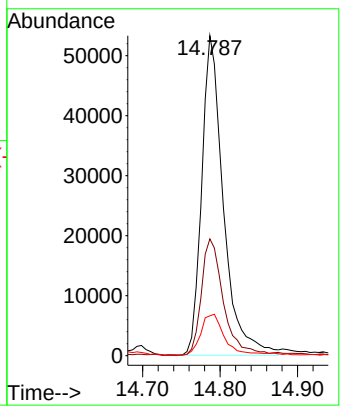


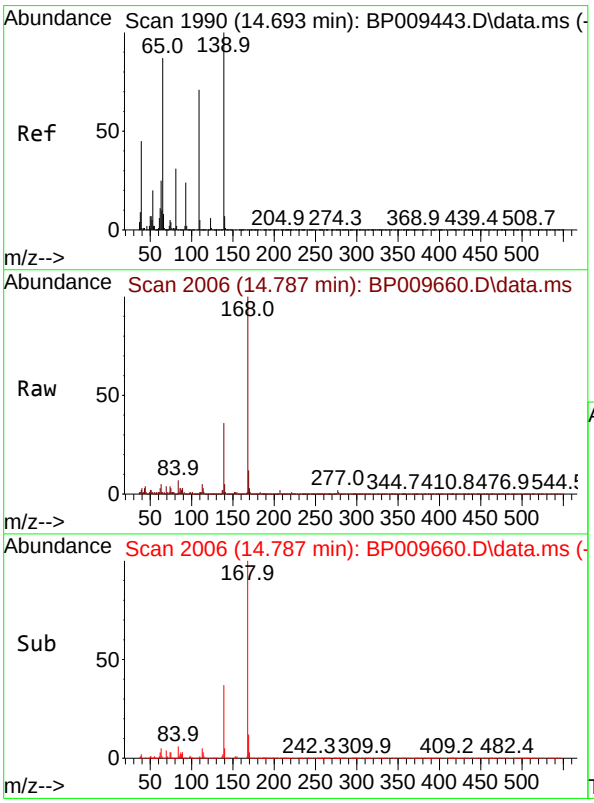
#55
Dibenzofuran
Concen: 2.167 ng
RT: 14.787 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:168 Resp: 103397

Ion	Ratio	Lower	Upper
168	100		
139	36.5	29.1	43.7
169	12.4	10.6	16.0

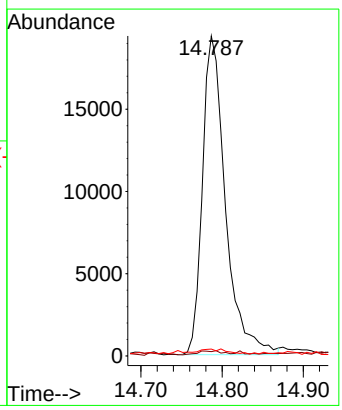


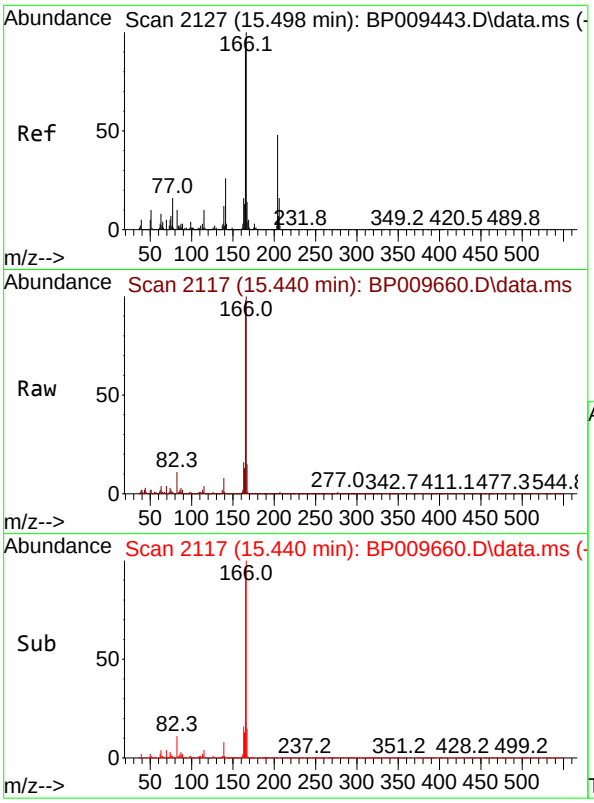


#56
4-Nitrophenol
Concen: 5.817 ng
RT: 14.787 min Scan# 2006
Delta R.T. 0.141 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:139 Resp: 38120

Ion	Ratio	Lower	Upper
139	100		
109	1.4	51.2	91.2#
65	2.2	73.2	113.2#



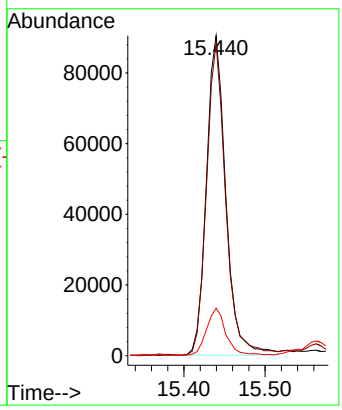


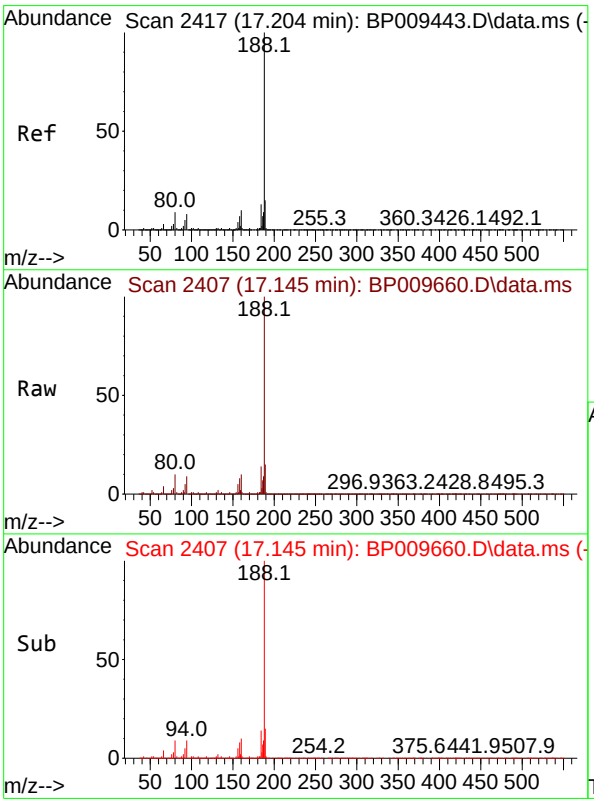
#58
Fluorene
Concen: 4.009 ng
RT: 15.440 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:166 Resp: 150412

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.2	118.8
167	14.8	10.7	16.1

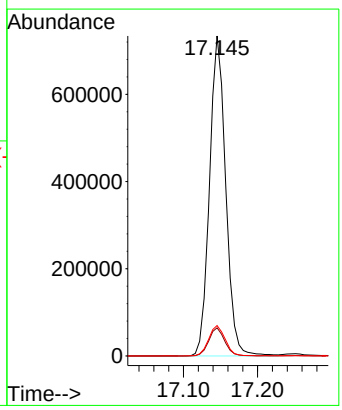


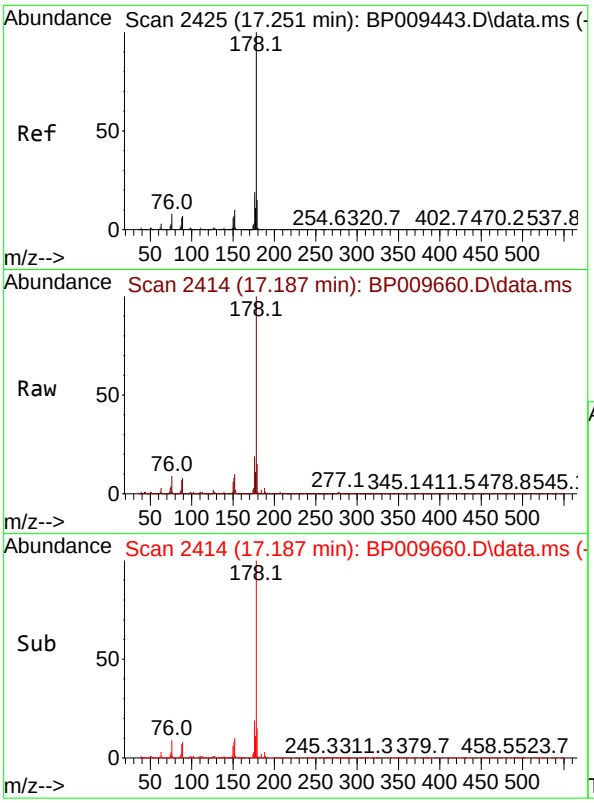


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:188 Resp: 1115734

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.5	8.8	13.2



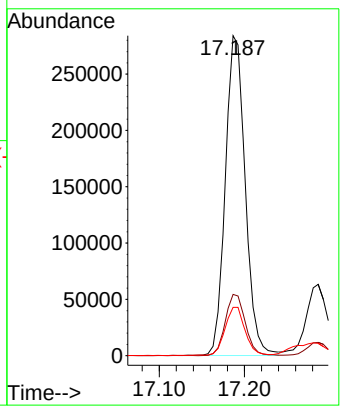


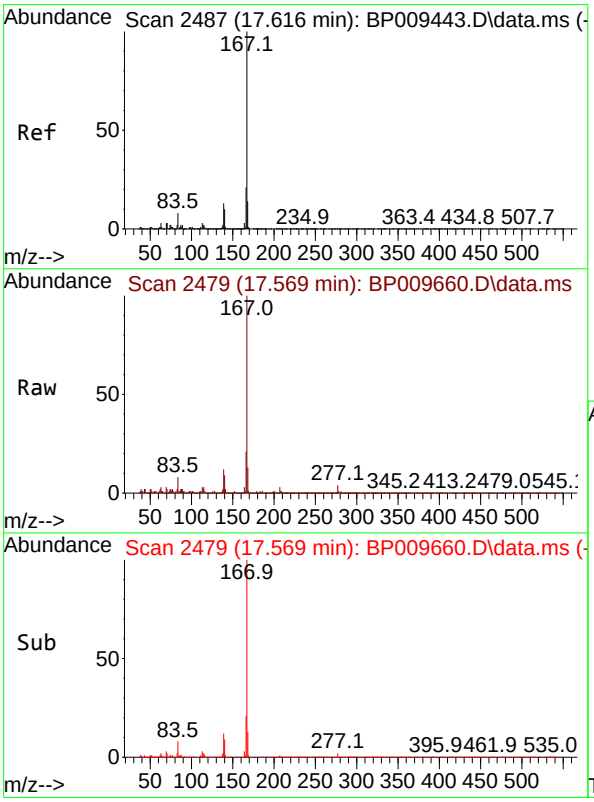
#71
Phenanthrene
Concen: 7.716 ng
RT: 17.187 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:178 Resp: 460832

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.3	18.5

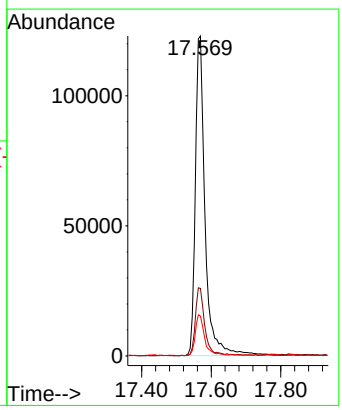


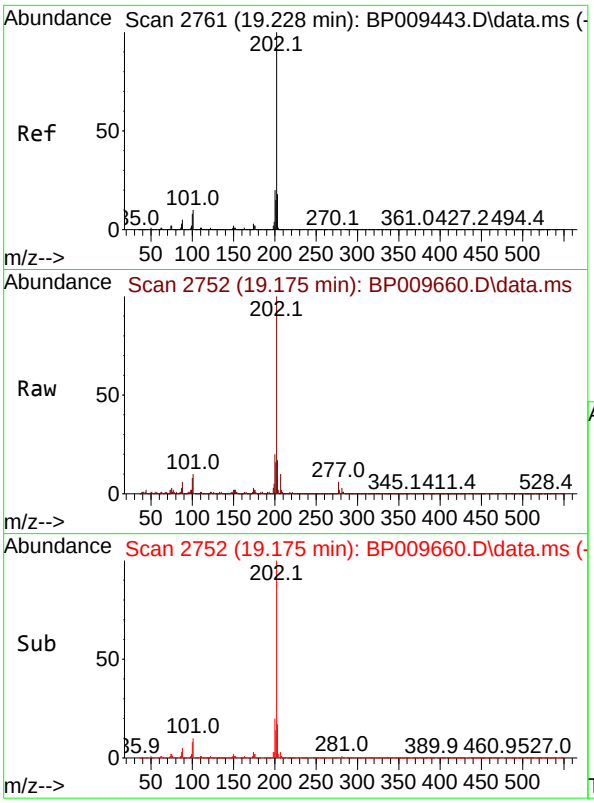


#73
Carbazole
Concen: 4.174 ng
RT: 17.569 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:167 Resp: 240738

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.4	10.3	15.5



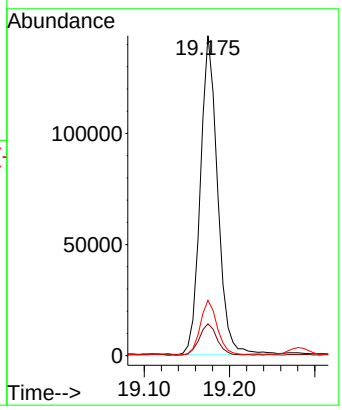


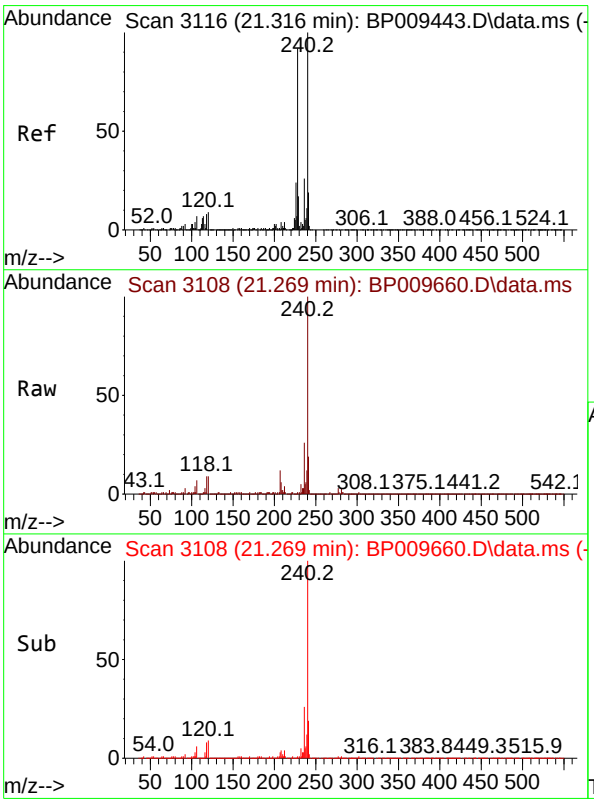
#75
Fluoranthene
Concen: 2.796 ng
RT: 19.175 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:202 Resp: 202195

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.5
203	17.3	0.0	37.8

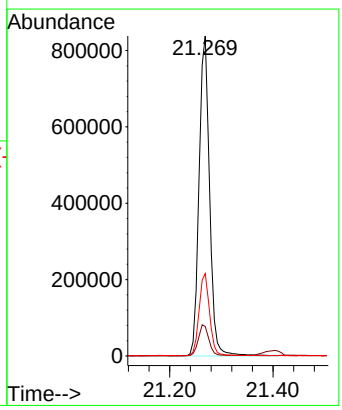


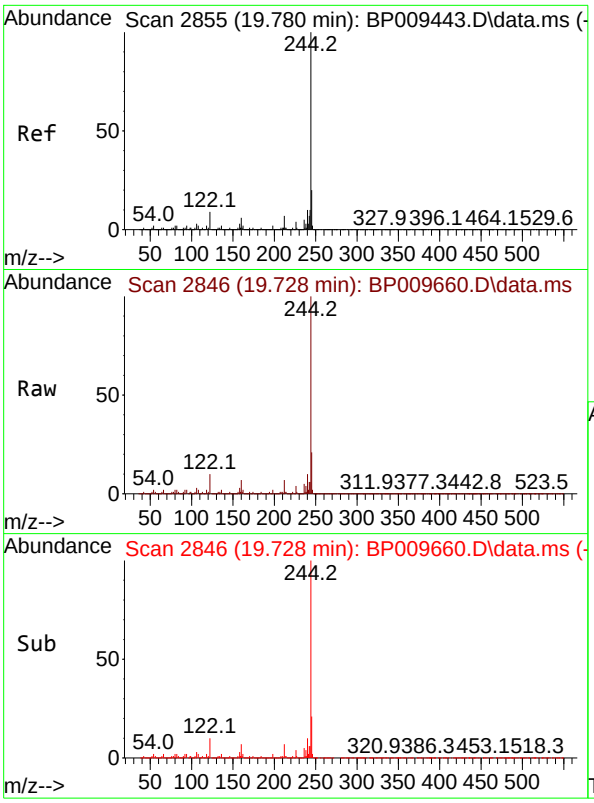


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:240 Resp: 1180988

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.0	13.4
236	25.8	20.6	30.8



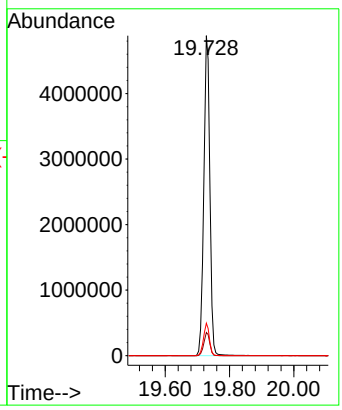


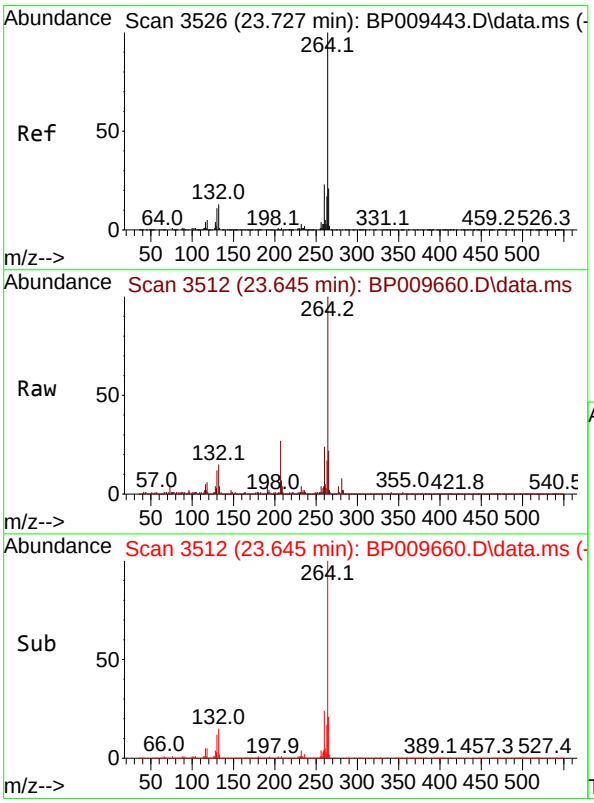
#79
Terphenyl-d14
Concen: 97.207 ng
RT: 19.728 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Instrument :
BNA_P
ClientSampleId :
RAIL-PILE-1

Tgt Ion:244 Resp: 6395933

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.2	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.645 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BP009660.D
Acq: 01 Apr 2022 16:22

Tgt Ion:264 Resp: 1286025

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.2	17.2	25.8