Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009140.D
Acq On : 14 Feb 2022 18:20
Operator : CG/JU
Sample : N1494-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Quant Time: Feb 14 23:58:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	201155	20.000	ng		-0.01
21) Naphthalene-d8	10.587	136	727540	20.000	ng		-0.02
39) Acenaphthene-d10	14.434	164	465563	20.000	ng		-0.01
64) Phenanthrene-d10	17.192	188	1012486	20.000	ng		-0.01
76) Chrysene-d12	21.292	240	1123236	20.000	ng		0.00
86) Perylene-d12	23.686	264	1284404	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	217515	19.289	ng		0.00
7) Phenol-d6	6.999	99	249793	16.811	ng		0.01
23) Nitrobenzene-d5	8.963	82	162949	12.631	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	124126	19.968	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	402759	12.110	ng		-0.01
79) Terphenyl-d14	19.757	244	663863	10.629	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.640	128	399302	10.761	ng		99
32) Benzoic acid	9.946	122	144	2.710	ng	#	1
33) 4-Chloroaniline	10.640	127	51204	3.417	ng	#	37
41) Hexachlorocyclopentadiene	12.569	237	23	8.660	ng		91
49) Acenaphthylene	14.157	152	404763	9.877	ng		99
54) 2,4-Dinitrophenol	14.563	184	40	2.180	ng	#	1
55) Dibenzofuran	14.840	168	122692	2.921	ng		97
56) 4-Nitrophenol	14.840	139	43112	10.866	ng	#	17
58) Fluorene	15.492	166	113203	3.508	ng		98
71) Phenanthrene	17.234	178	1696125	30.938	ng		99
72) Anthracene	17.328	178	502828	9.375	ng		100
73) Carbazole	17.610	167	165701	3.223	ng		99
75) Fluoranthene	19.210	202	3074091	50.030	ng		98
78) Pyrene	19.563	202	3333993	41.726	ng		98
81) Benzo(a)anthracene	21.274	228	1749095	24.164	ng		99
83) Chrysene	21.327	228	1613315	23.120	ng		98
87) Indeno(1,2,3-cd)pyrene	26.186	276	1809462	18.960	ng	#	94
88) Benzo(b)fluoranthene	22.957	252	3430879	43.390	ng		99
89) Benzo(k)fluoranthene	22.957	252	3430879	43.491	ng		99
90) Benzo(a)pyrene	23.580	252	2131349	32.331	ng		96
91) Dibenzo(a,h)anthracene	26.186	278	379742	4.842	ng	#	82
92) Benzo(g,h,i)perylene	26.951	276	1938991	24.831	ng		99

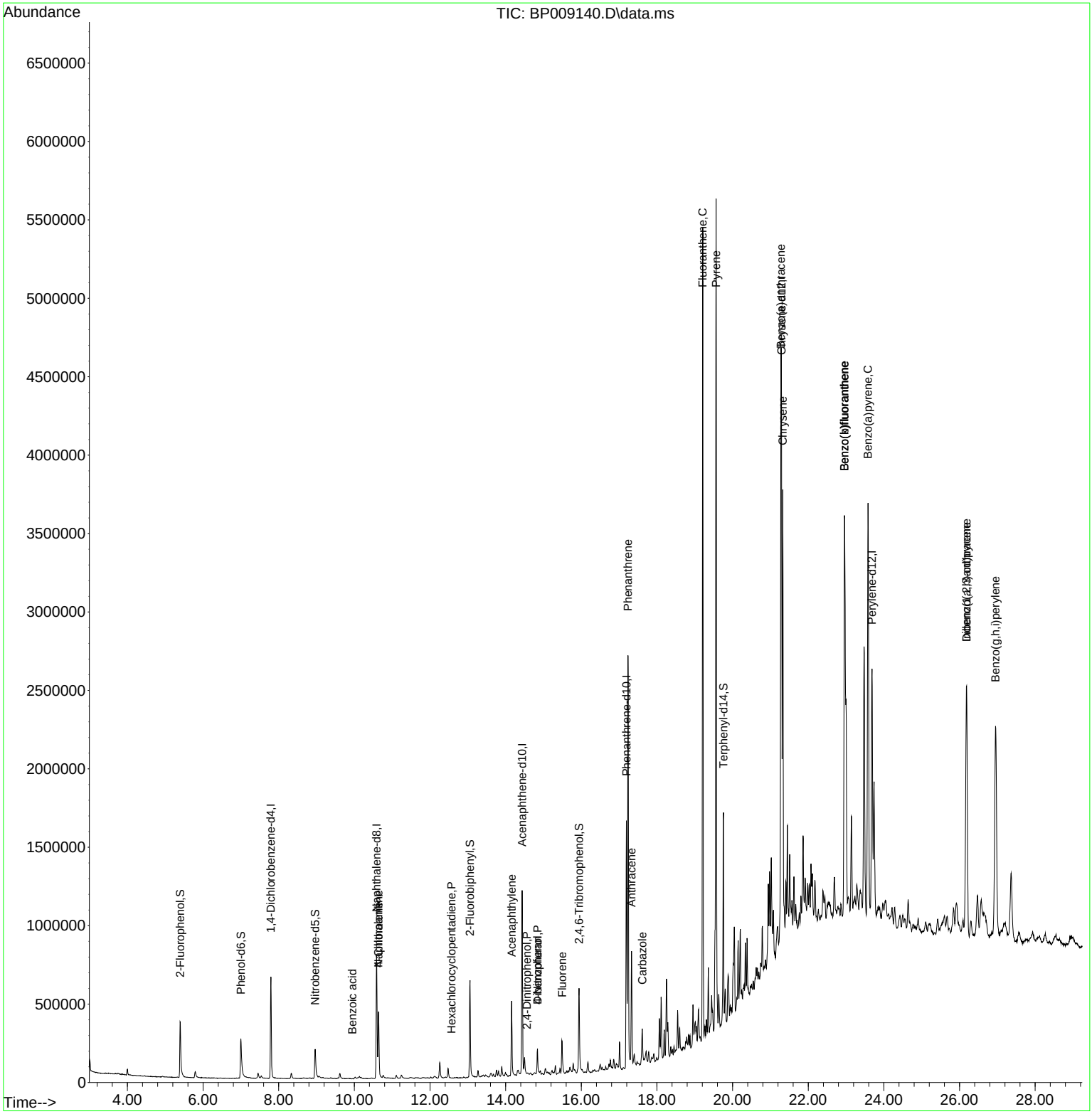
(#) = qualifier out of range (m) = manual integration (+) = signals summed

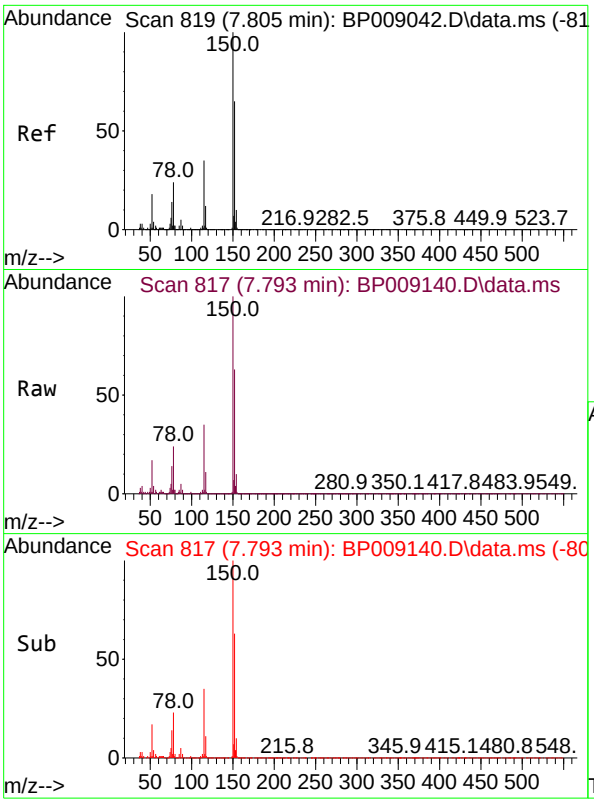
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
Data File : BP009140.D
Acq On : 14 Feb 2022 18:20
Operator : CG/JU
Sample : N1494-01DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Quant Time: Feb 14 23:58:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration



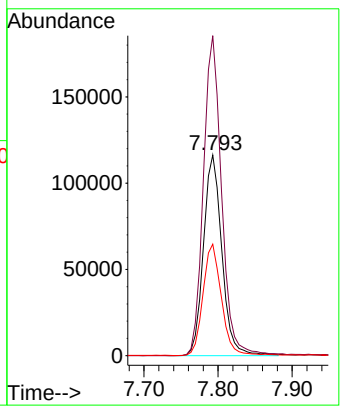


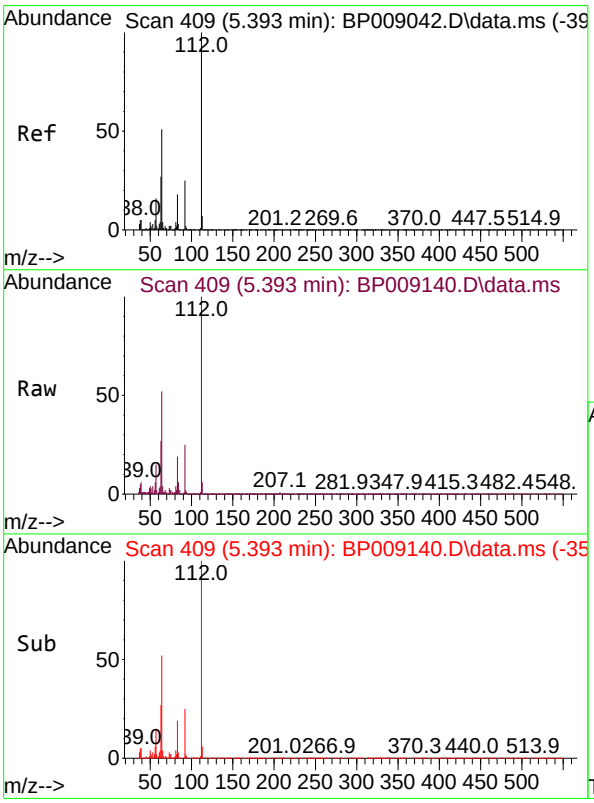
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:152 Resp: 201155

Ion	Ratio	Lower	Upper
152	100		
150	159.5	127.0	190.6
115	55.6	43.7	65.5

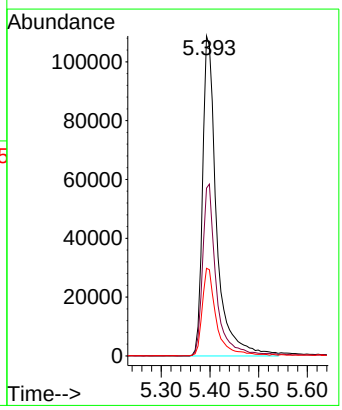


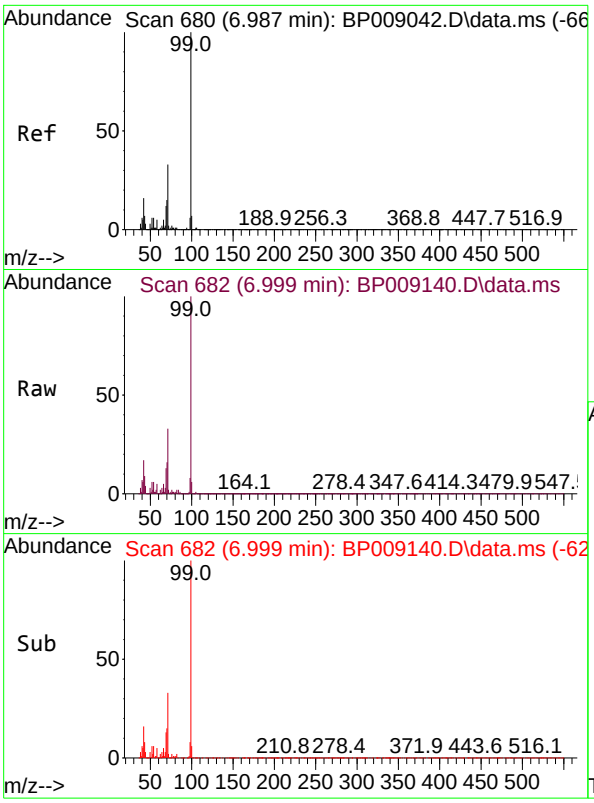


#5
2-Fluorophenol
Concen: 19.289 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:112 Resp: 217515

Ion	Ratio	Lower	Upper
112	100		
64	52.5	39.7	59.5
63	27.4	20.0	30.0



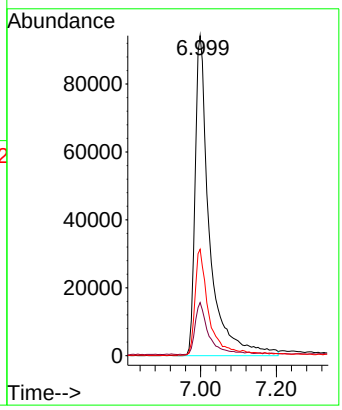


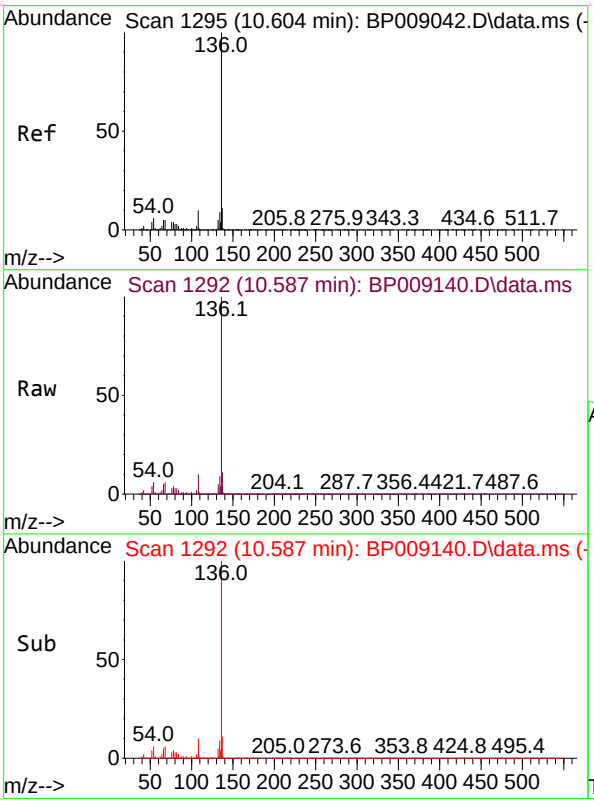
#7
Phenol-d6
Concen: 16.811 ng
RT: 6.999 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion: 99 Resp: 249793

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.8	16.2#
71	33.2	23.8	35.6

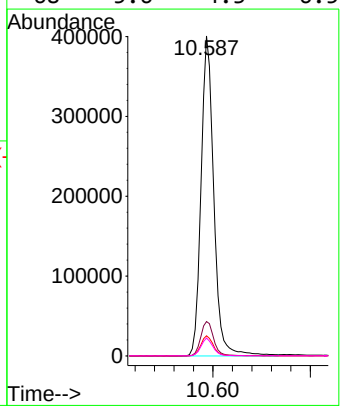


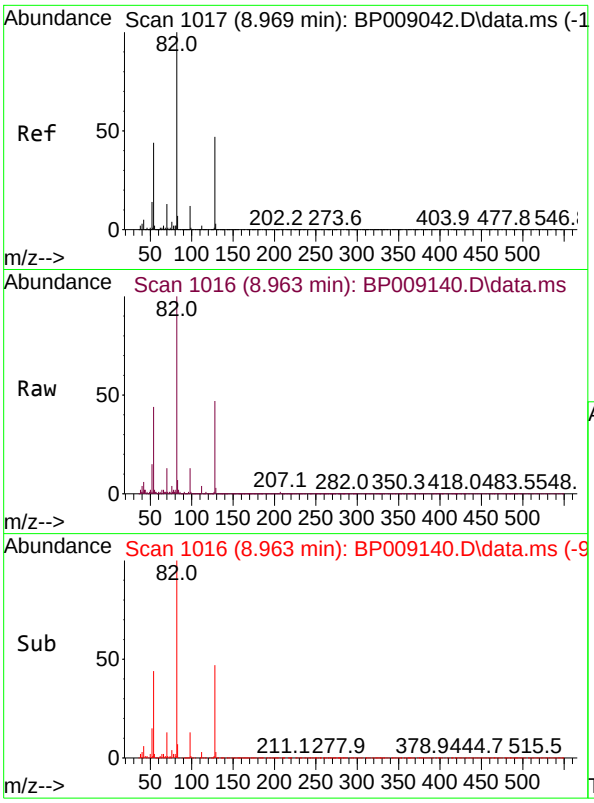


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.017 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:136 Resp: 727540

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.3	4.9	7.3
68	5.6	4.3	6.5



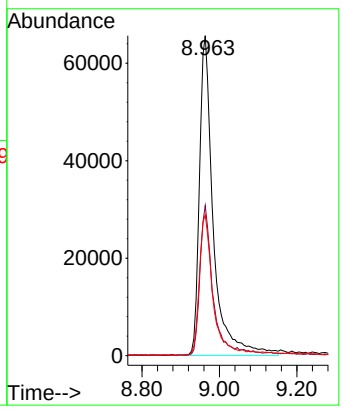


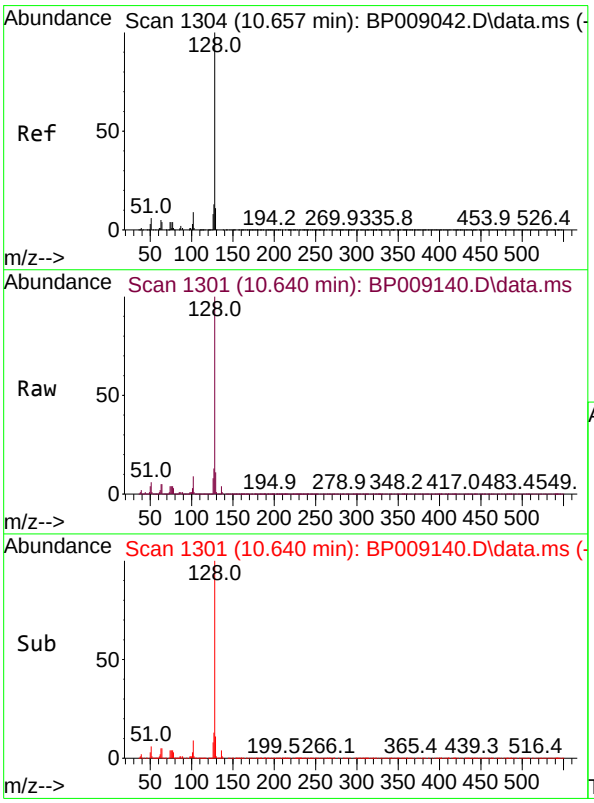
#23
Nitrobenzene-d5
Concen: 12.631 ng
RT: 8.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion: 82 Resp: 162949

Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.4	59.2
54	44.0	32.6	48.8

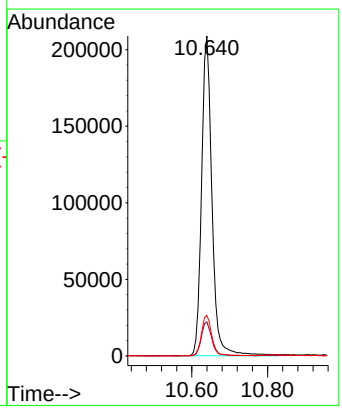


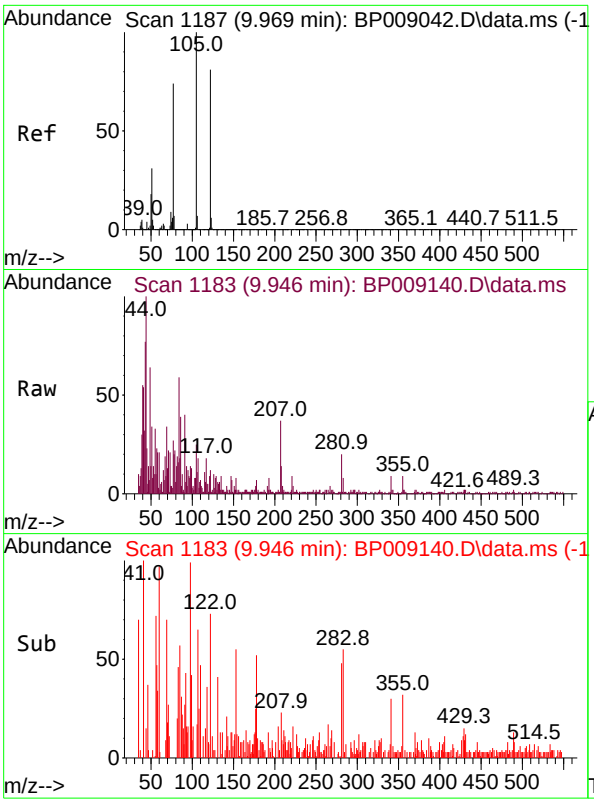


#31
Naphthalene
Concen: 10.761 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.018 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:128 Resp: 399302

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.7	10.4	15.6



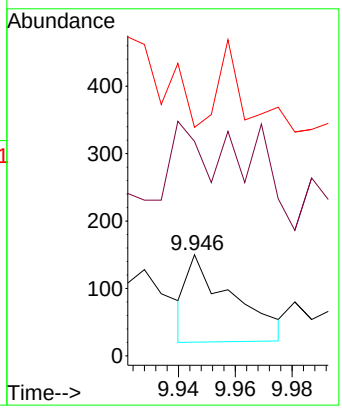


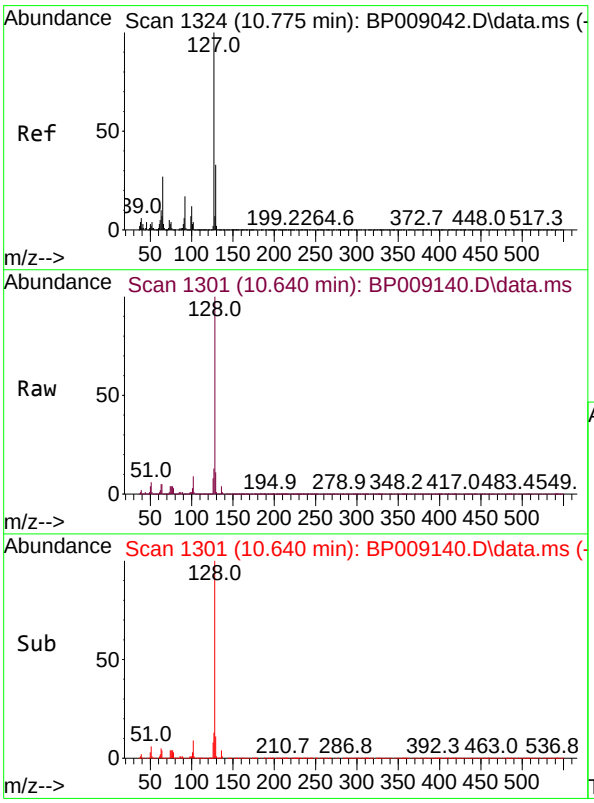
#32
Benzoic acid
Concen: 2.710 ng
RT: 9.946 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:122 Resp: 144

Ion	Ratio	Lower	Upper
122	100		
105	212.0	100.1	140.1#
77	226.0	65.5	105.5#

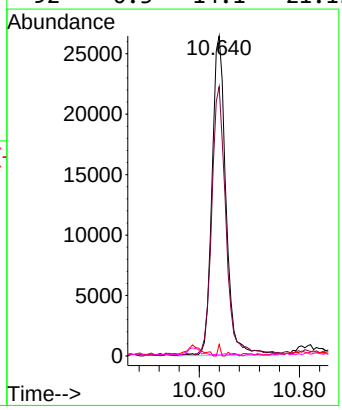


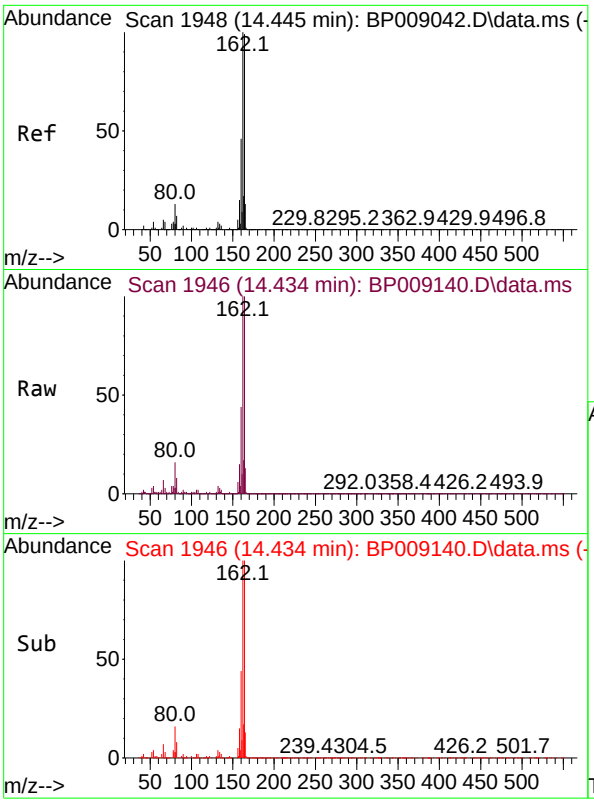


#33
4-Chloroaniline
Concen: 3.417 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.135 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:127 Resp: 51204

Ion	Ratio	Lower	Upper
127	100		
129	84.1	26.0	39.0#
65	3.6	20.5	30.7#
92	0.3	14.1	21.1#



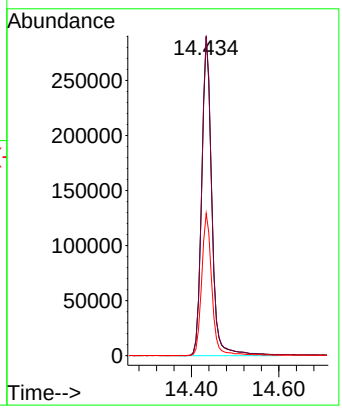


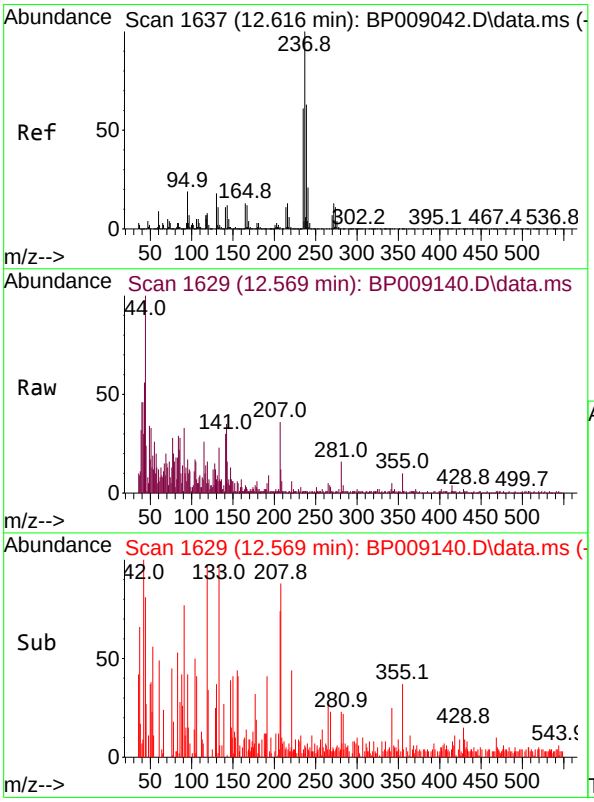
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:164 Resp: 465563

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.9	119.9
160	44.6	35.5	53.3

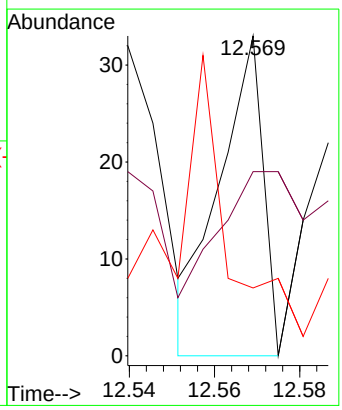


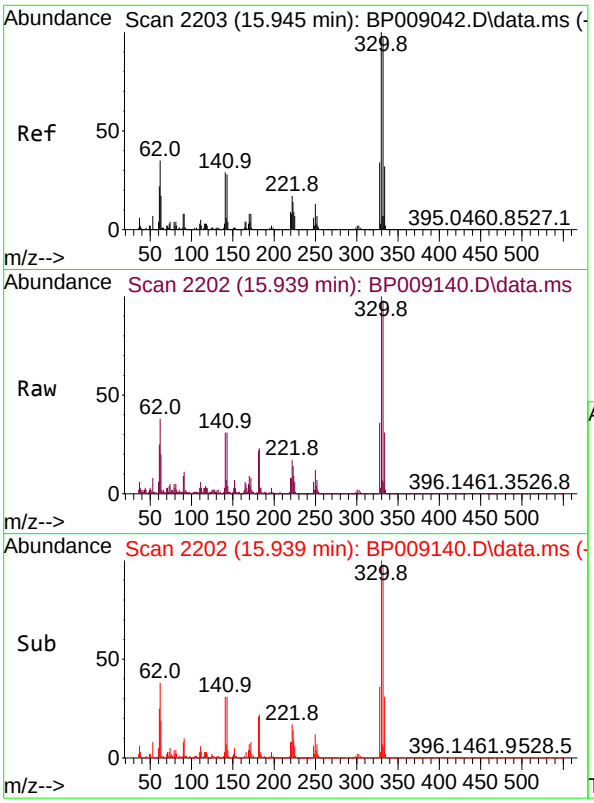


#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.569 min Scan# 1629
Delta R.T. -0.047 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:237 Resp: 23

Ion	Ratio	Lower	Upper
237	100		
235	57.6	42.9	82.9
272	21.2	0.0	33.8



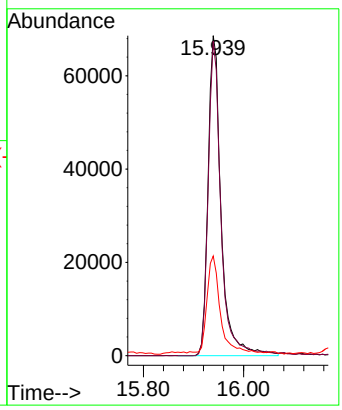


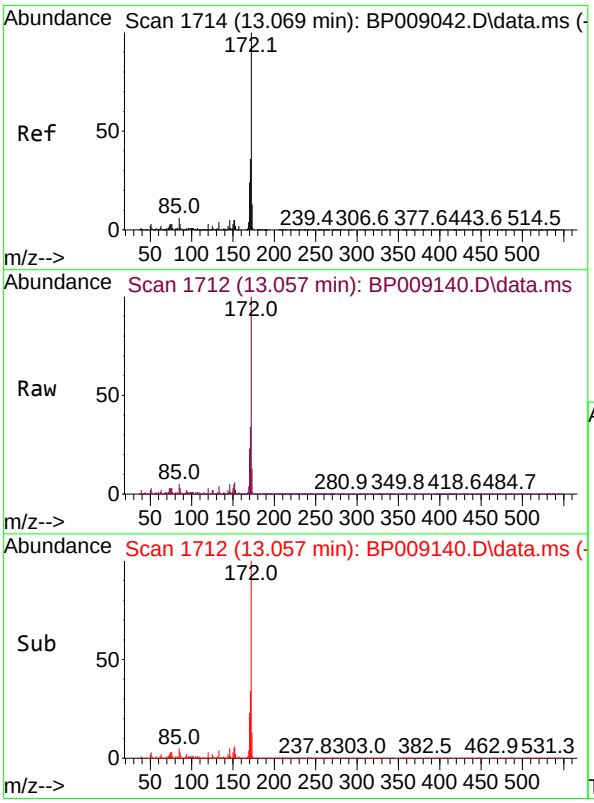
#42
2,4,6-Tribromophenol
Concen: 19.968 ng
RT: 15.939 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:330 Resp: 124126

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	32.3	21.3	31.9#

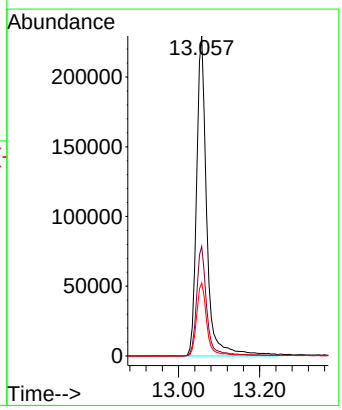


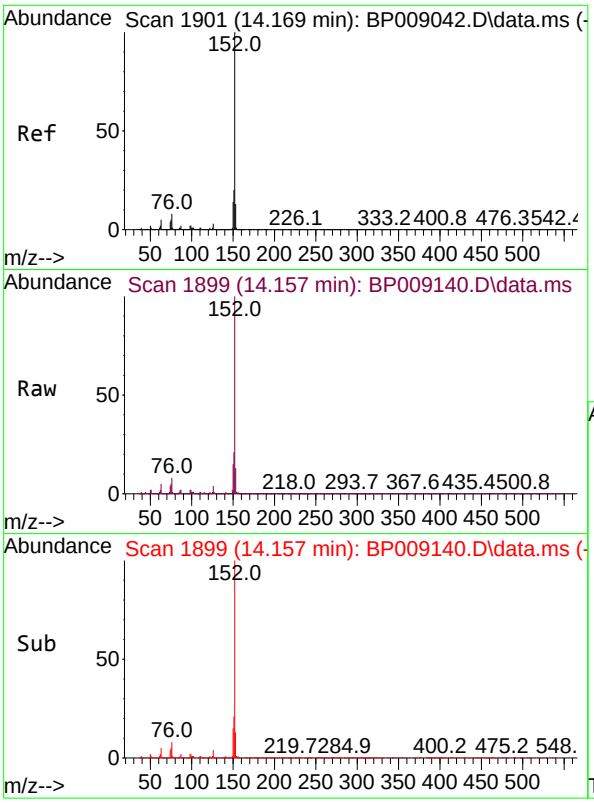


#45
2-Fluorobiphenyl
Concen: 12.110 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:172 Resp: 402759

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.3	43.9
170	22.8	19.5	29.3



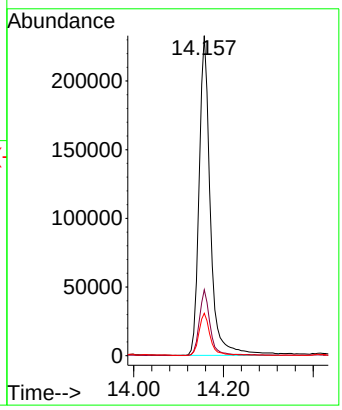


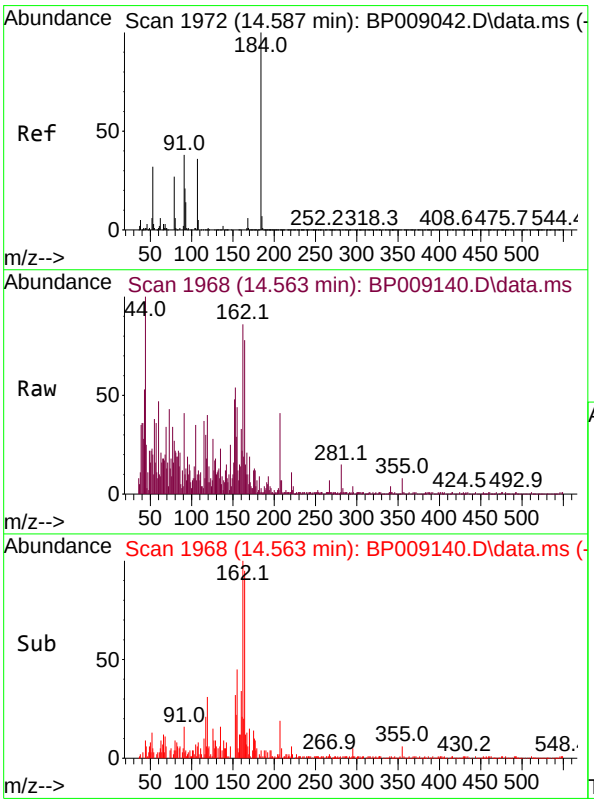
#49
Acenaphthylene
Concen: 9.877 ng
RT: 14.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:152 Resp: 404763

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	13.3	10.6	16.0

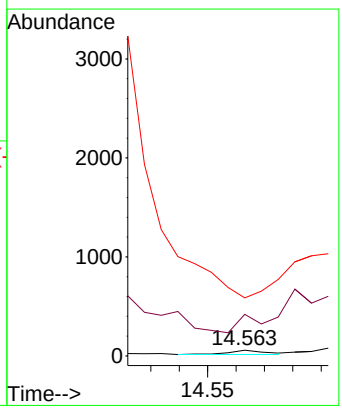


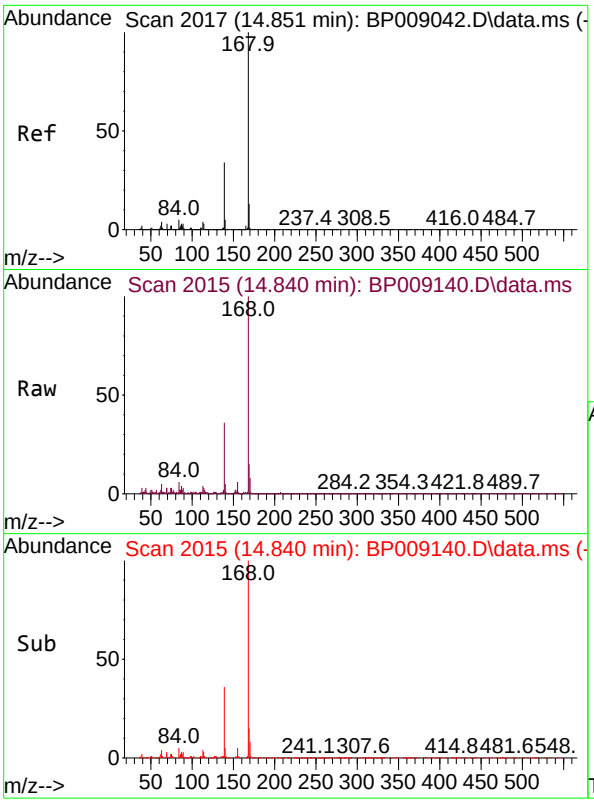


#54
2,4-Dinitrophenol
Concen: 2.180 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.024 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:184 Resp: 40

Ion	Ratio	Lower	Upper
184	100		
63	724.1	35.6	53.4#
154	1010.3	43.4	65.0#



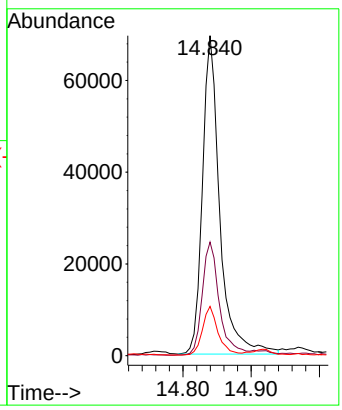


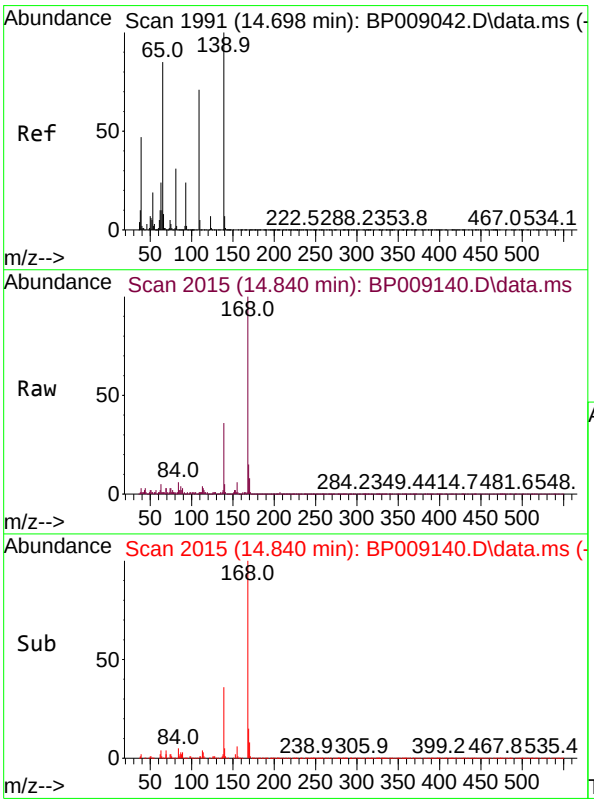
#55
Dibenzofuran
Concen: 2.921 ng
RT: 14.840 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:168 Resp: 122692

Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.4	41.0
169	15.4	10.9	16.3

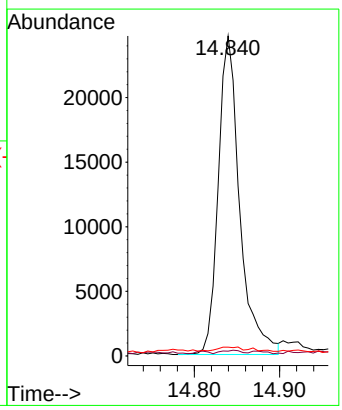


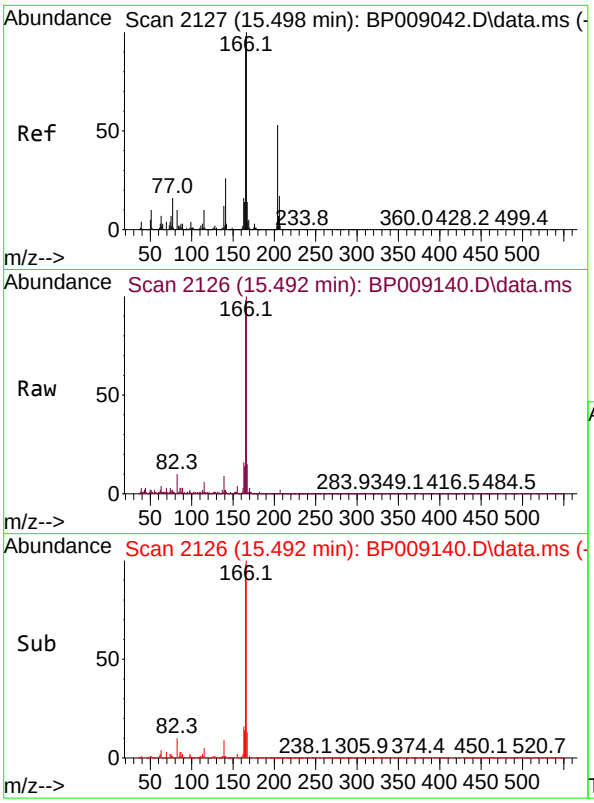


#56
4-Nitrophenol
Concen: 10.866 ng
RT: 14.840 min Scan# 2015
Delta R.T. 0.142 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:139 Resp: 43112

Ion	Ratio	Lower	Upper
139	100		
109	1.5	42.2	82.2#
65	2.7	57.3	97.3#



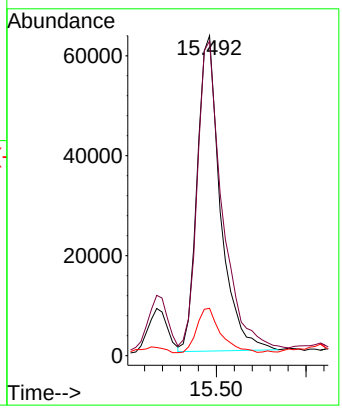


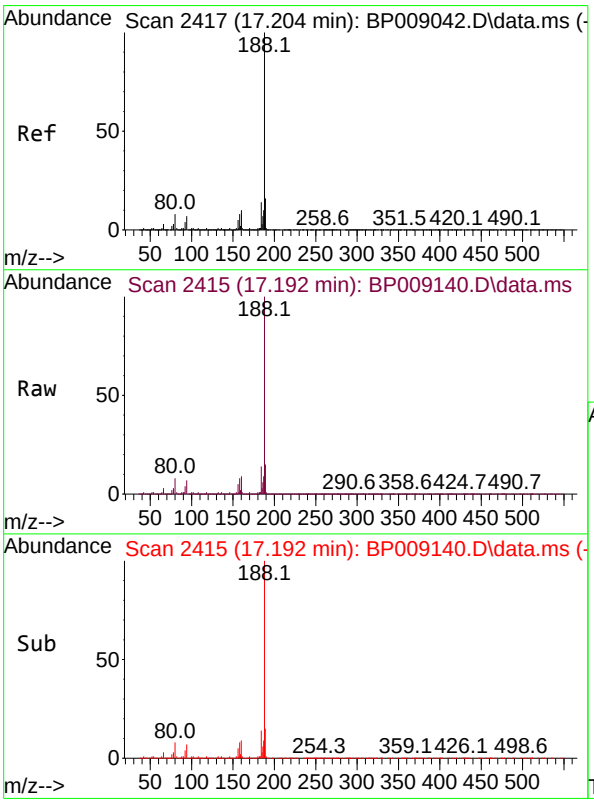
#58
Fluorene
Concen: 3.508 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:166 Resp: 113203

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.2	115.8
167	14.8	11.2	16.8

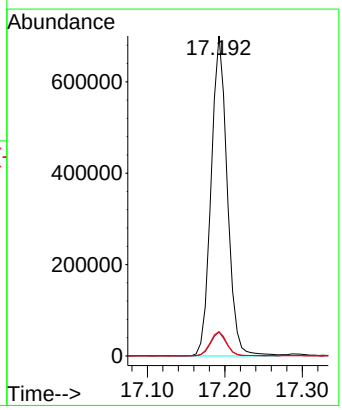


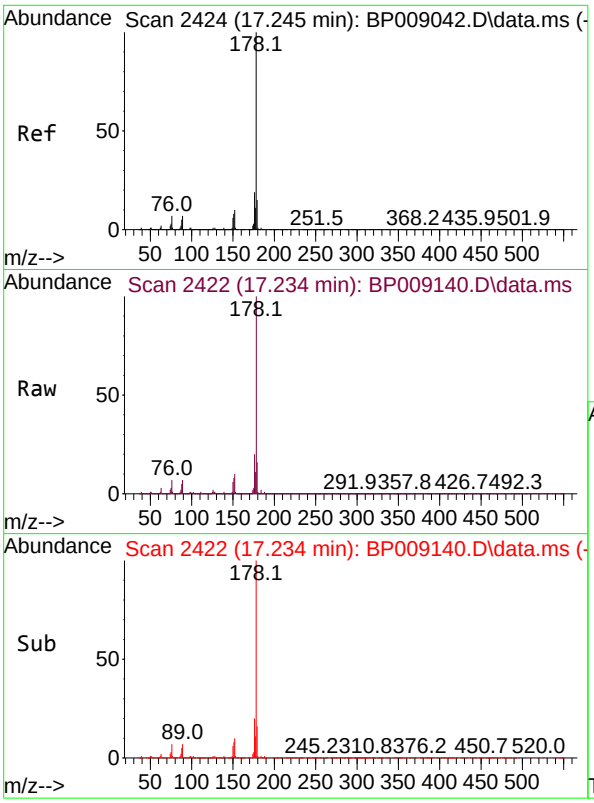


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:188 Resp: 1012486

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.8	10.2
80	7.6	7.2	10.8



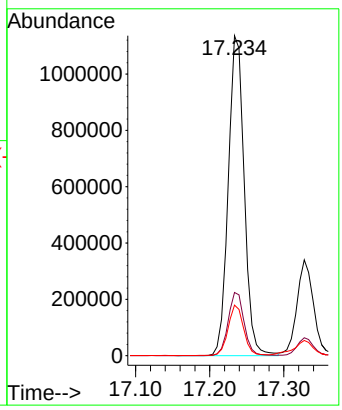


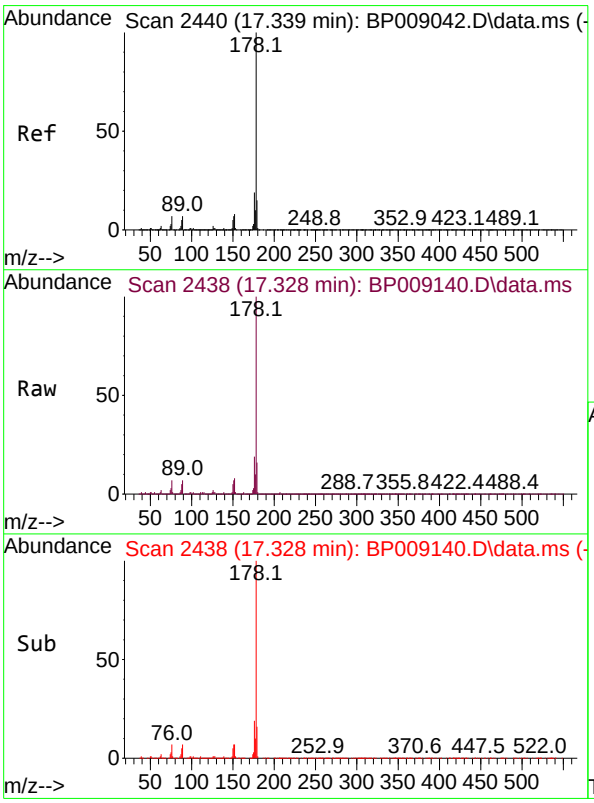
#71
Phenanthrene
Concen: 30.938 ng
RT: 17.234 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:178 Resp: 1696125

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	15.8	13.0	19.4

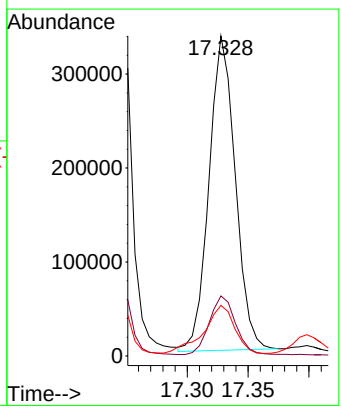


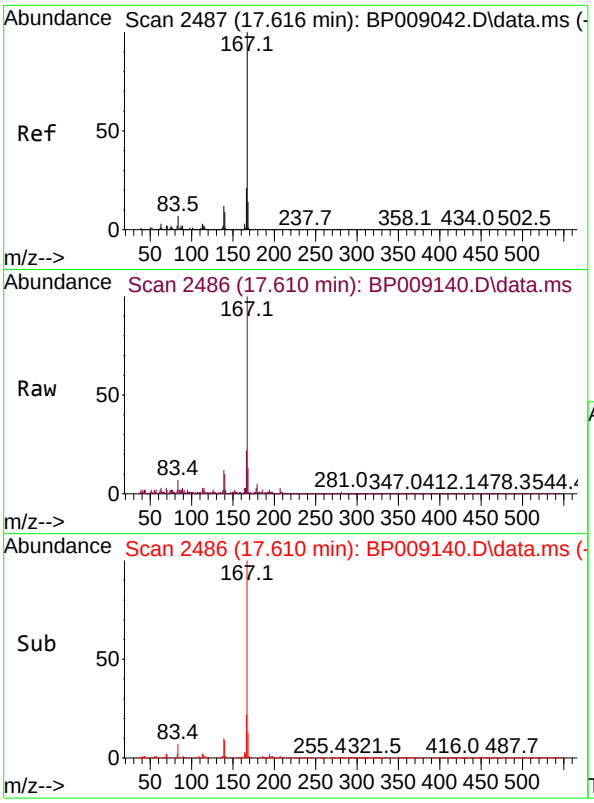


#72
Anthracene
Concen: 9.375 ng
RT: 17.328 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:178 Resp: 502828

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.8	12.8	19.2



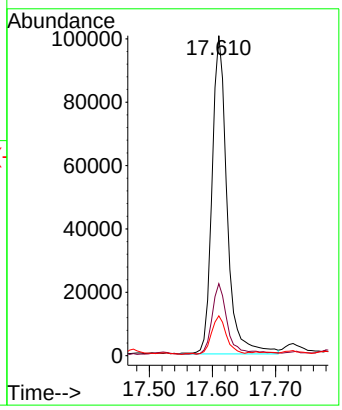


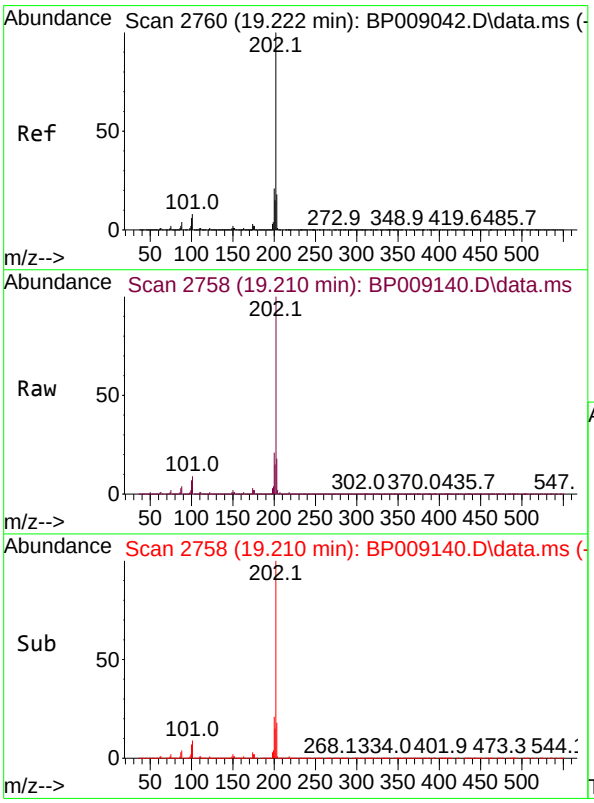
#73
Carbazole
Concen: 3.223 ng
RT: 17.610 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:167 Resp: 165701

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.7	26.5
139	12.4	9.8	14.6

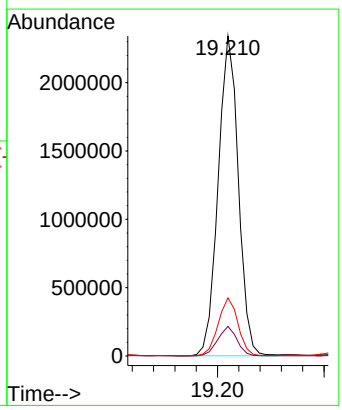


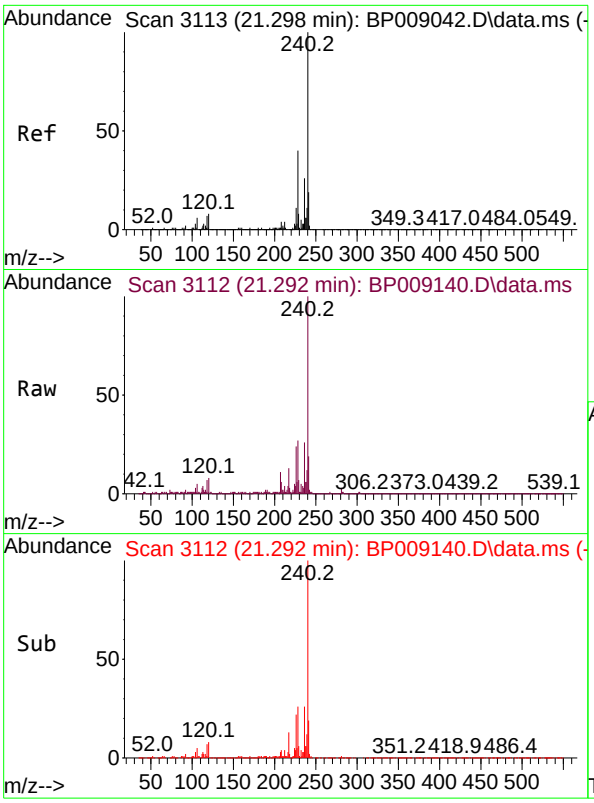


#75
Fluoranthene
Concen: 50.030 ng
RT: 19.210 min Scan# 2758
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:202 Resp: 3074091

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.7
203	18.2	0.0	38.9



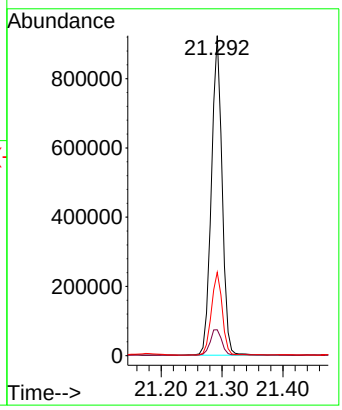


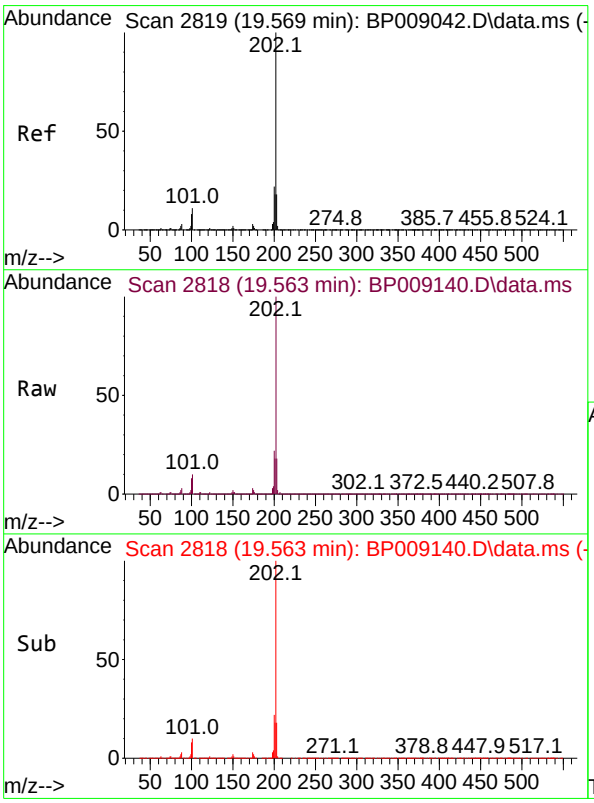
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:240 Resp: 1123236

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.7	11.5
236	26.0	21.2	31.8

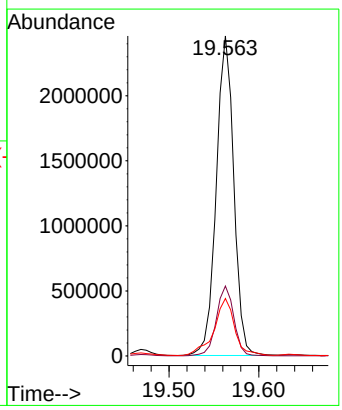


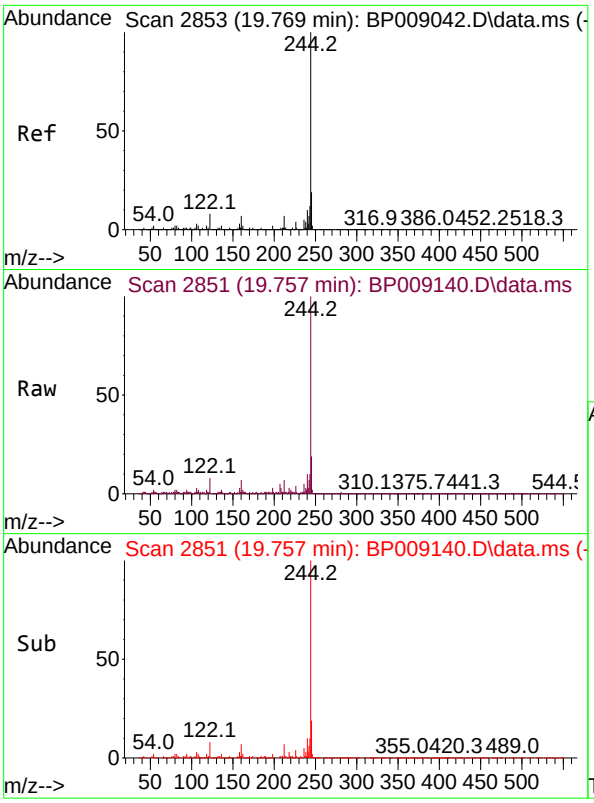


#78
Pyrene
Concen: 41.726 ng
RT: 19.563 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:202 Resp: 3333993

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.0	27.0
203	18.0	15.0	22.6



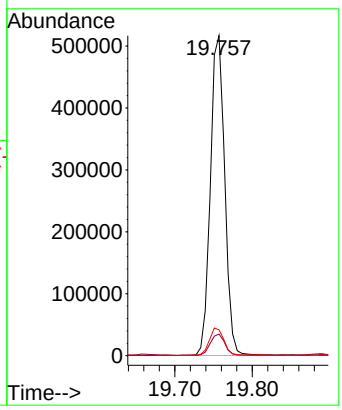


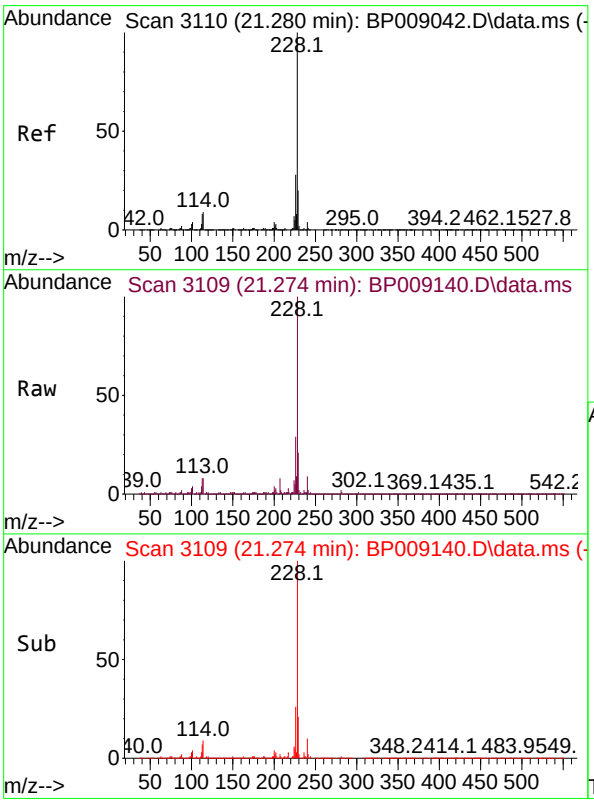
#79
Terphenyl-d14
Concen: 10.629 ng
RT: 19.757 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:244 Resp: 663863

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	8.1	9.2	13.8#

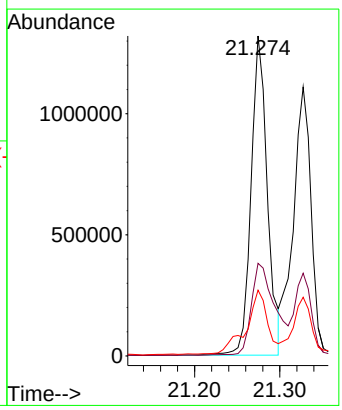


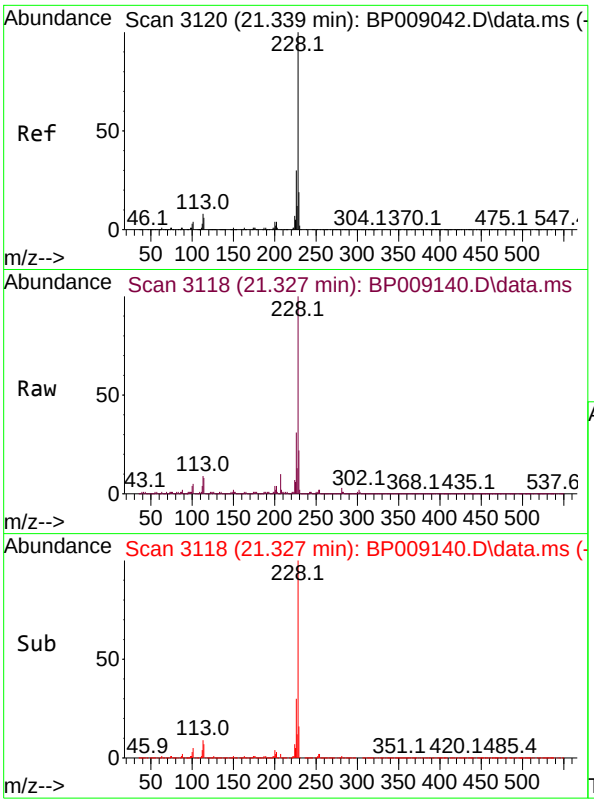


#81
Benzo(a)anthracene
Concen: 24.164 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:228 Resp: 1749095

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	20.6	17.0	25.6



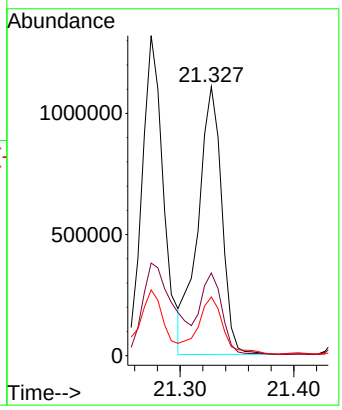


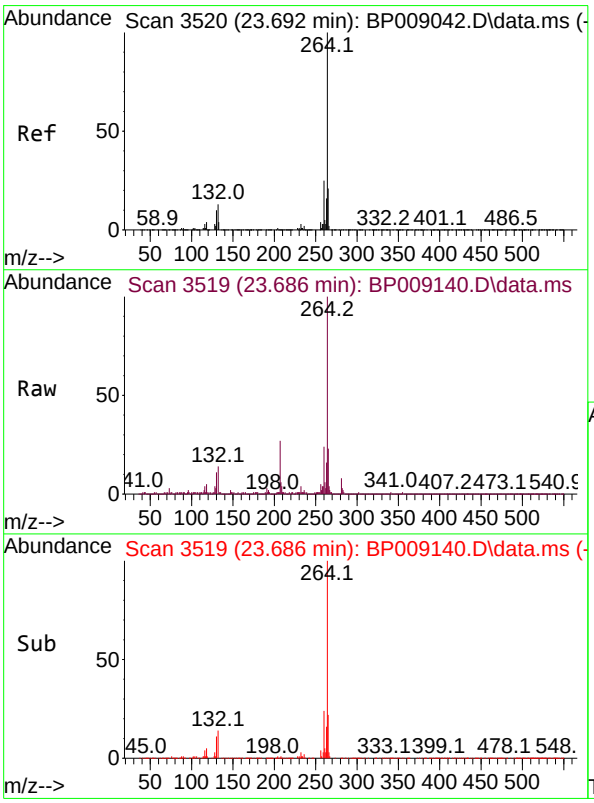
#83
Chrysene
Concen: 23.120 ng
RT: 21.327 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:228 Resp: 1613315

Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.0	39.0
229	21.8	16.9	25.3

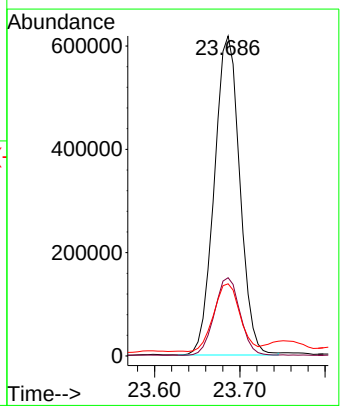


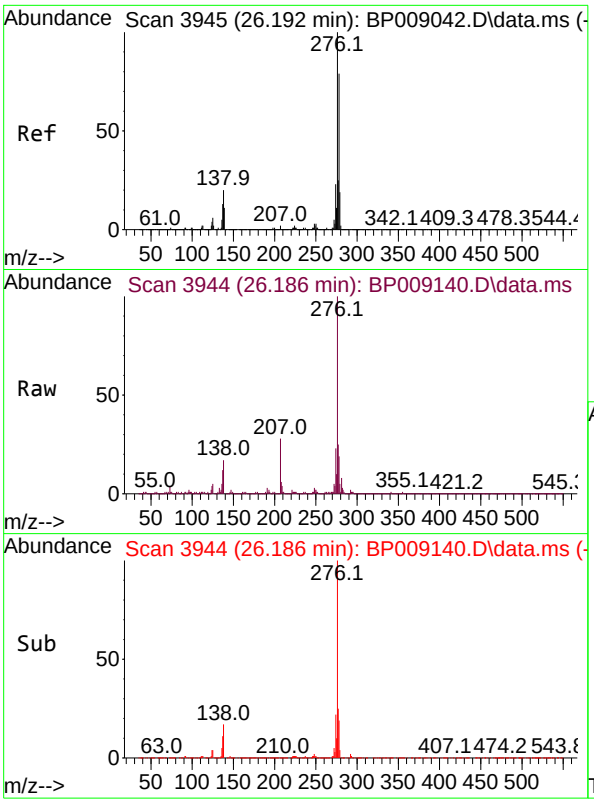


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:264 Resp: 1284404

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	22.5	17.1	25.7



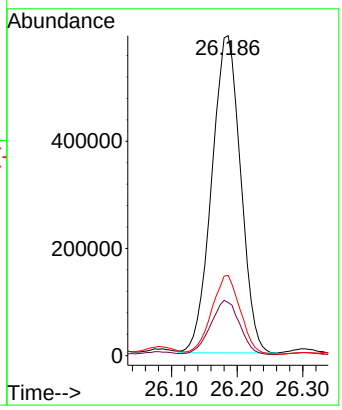


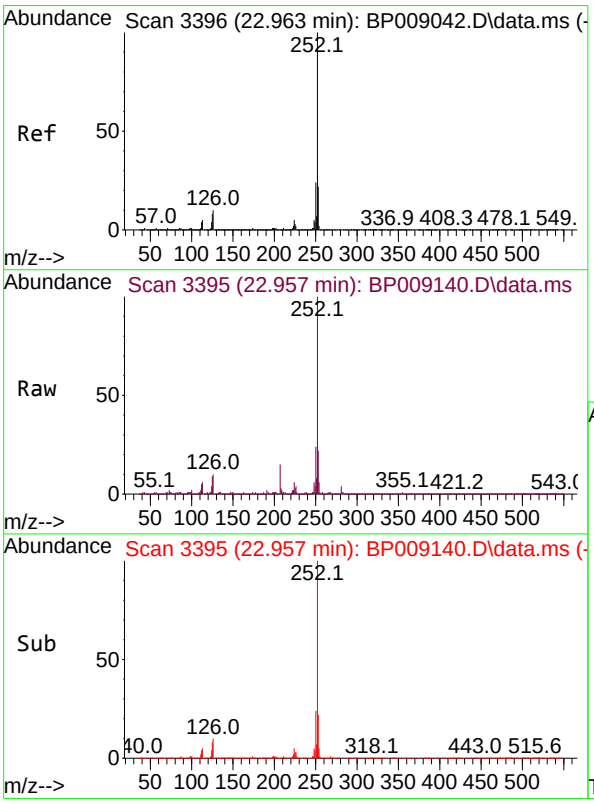
#87
Indeno(1,2,3-cd)pyrene
Concen: 18.960 ng
RT: 26.186 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:276 Resp: 1809462

Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.8	26.6#
277	24.6	20.4	30.6

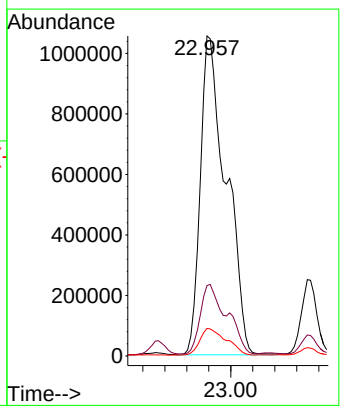


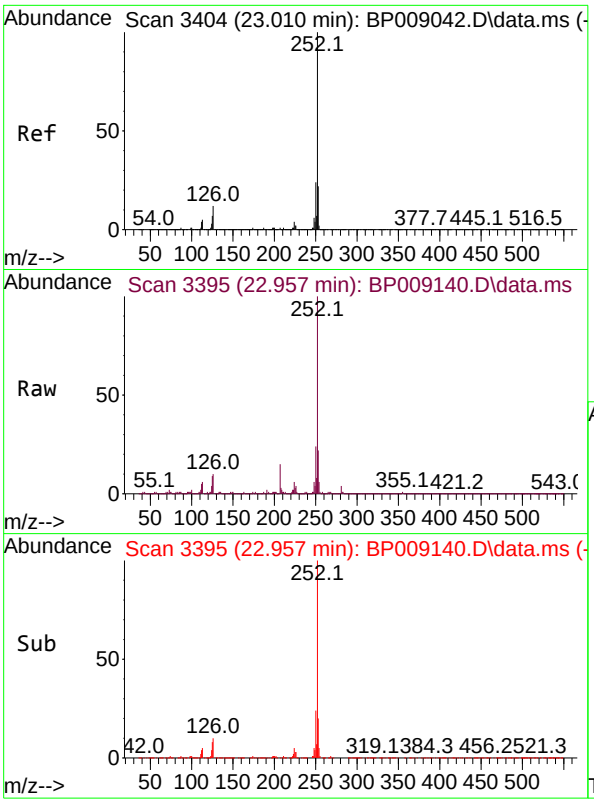


#88
Benzo(b)fluoranthene
Concen: 43.390 ng
RT: 22.957 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:252 Resp: 3430879

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.6	6.9	10.3



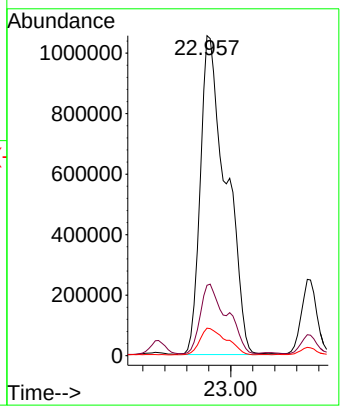


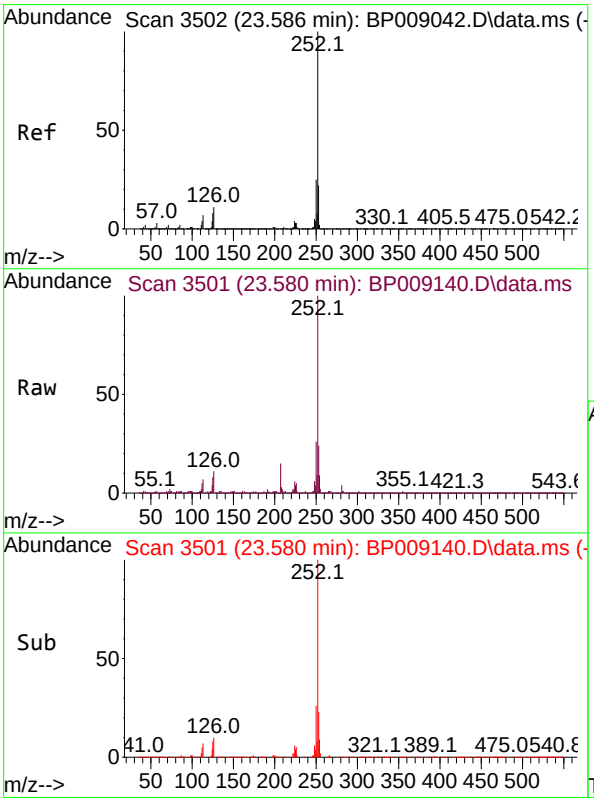
#89
Benzo(k)fluoranthene
Concen: 43.491 ng
RT: 22.957 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:252 Resp: 3430879

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.6	7.3	10.9

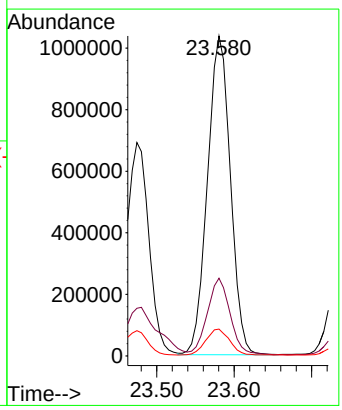


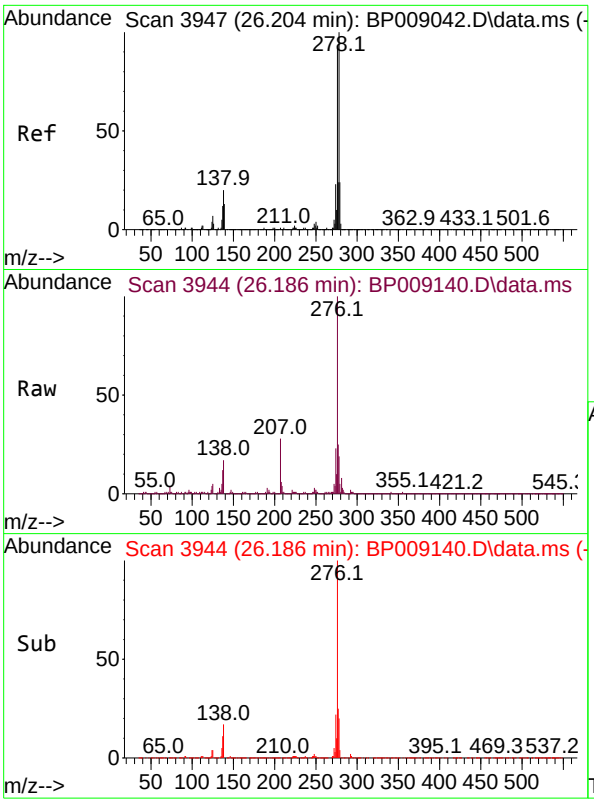


#90
Benzo(a)pyrene
Concen: 32.331 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:252 Resp: 2131349

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	8.4	7.8	11.6



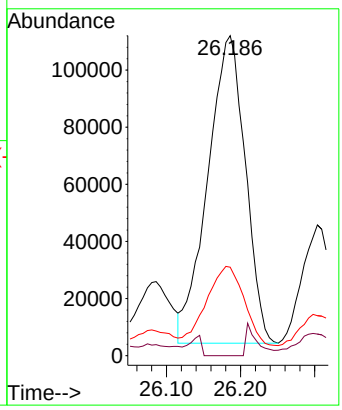


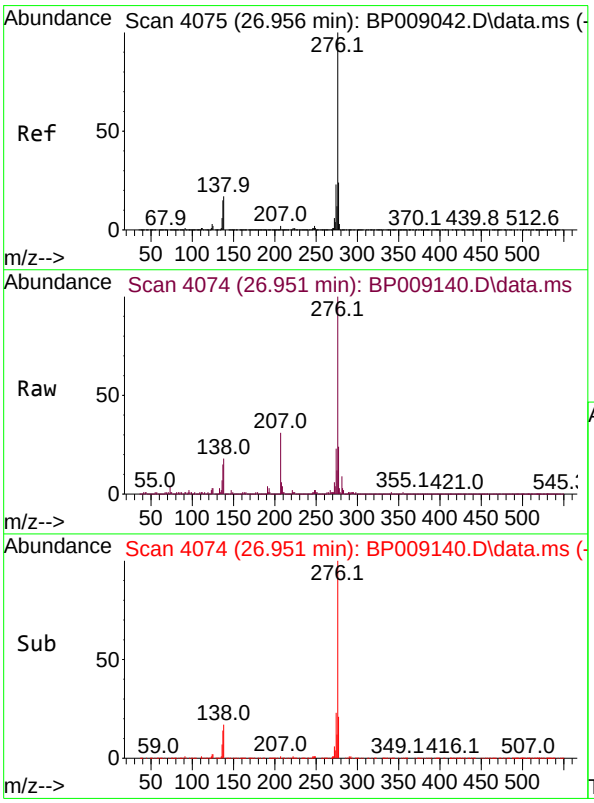
#91
Dibenzo(a,h)anthracene
Concen: 4.842 ng
RT: 26.186 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Instrument :
BNA_P
ClientSampleId :
ASTORIA-YARD-PIT-10DL

Tgt Ion:278 Resp: 379742

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.5	17.3#
279	27.7	19.1	28.7





#92
Benzo(g,h,i)perylene
Concen: 24.831 ng
RT: 26.951 min Scan# 4074
Delta R.T. -0.006 min
Lab File: BP009140.D
Acq: 14 Feb 2022 18:20

Tgt Ion:276 Resp: 1938991

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	17.7	15.0	22.4