Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009122.D
Acq On : 11 Feb 2022 20:11
Operator : CG/JU
Sample : N1427-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Quant Time: Feb 11 23:34:26 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	268706	20.000	ng		-0.01
21) Naphthalene-d8	10.587	136	1099300	20.000	ng		-0.02
39) Acenaphthene-d10	14.433	164	751902	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	1443536	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1619373	20.000	ng		0.00
86) Perylene-d12	23.686	264	1483378	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1517963	100.770	ng		0.00
7) Phenol-d6	6.987	99	2044037	102.980	ng		0.00
23) Nitrobenzene-d5	8.957	82	1283163	65.826	ng		-0.01
42) 2,4,6-Tribromophenol	15.939	330	1120078	111.570	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	3485153	64.887	ng		-0.01
79) Terphenyl-d14	19.763	244	5451165	60.536	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.010	94	50731	2.542	ng	#	64
31) Naphthalene	10.640	128	425900	7.596	ng		100
32) Benzoic acid	10.098	122	8135	3.489	ng	#	46
33) 4-Chloroaniline	10.640	127	55060	2.432	ng	#	38
37) 2-Methylnaphthalene	12.257	142	144523	3.643	ng		99
38) 1-Methylnaphthalene	12.257	142	144523	3.728	ng		96
41) Hexachlorocyclopentadiene	12.675	237	24	8.658	ng		82
49) Acenaphthylene	14.157	152	152941	2.311	ng	#	91
52) Acenaphthene	14.498	154	148343	3.684	ng		93
54) 2,4-Dinitrophenol	14.539	184	926	2.364	ng	#	1
55) Dibenzofuran	14.839	168	208284	3.070	ng	#	87
56) 4-Nitrophenol	14.645	139	7051	2.542	ng	#	1
58) Fluorene	15.486	166	264339	5.072	ng	#	94
71) Phenanthrene	17.239	178	2502212	32.013	ng		99
72) Anthracene	17.239	178	2502212	32.720	ng		99
73) Carbazole	17.610	167	251210	3.427	ng	#	85
75) Fluoranthene	19.216	202	3767679	43.008	ng		97
78) Pyrene	19.568	202	3403409	29.544	ng		98
81) Benzo(a)anthracene	21.280	228	1808230	17.327	ng		100
83) Chrysene	21.333	228	1407743	13.993	ng		97
87) Indeno(1,2,3-cd)pyrene	26.180	276	770796	6.993	ng	#	95
88) Benzo(b)fluoranthene	22.962	252	1746136	19.121	ng		98
89) Benzo(k)fluoranthene	22.962	252	1746136	19.166	ng		99
90) Benzo(a)pyrene	23.580	252	1300659	17.084	ng		98
92) Benzo(g,h,i)perylene	26.950	276	729531	8.089	ng		97

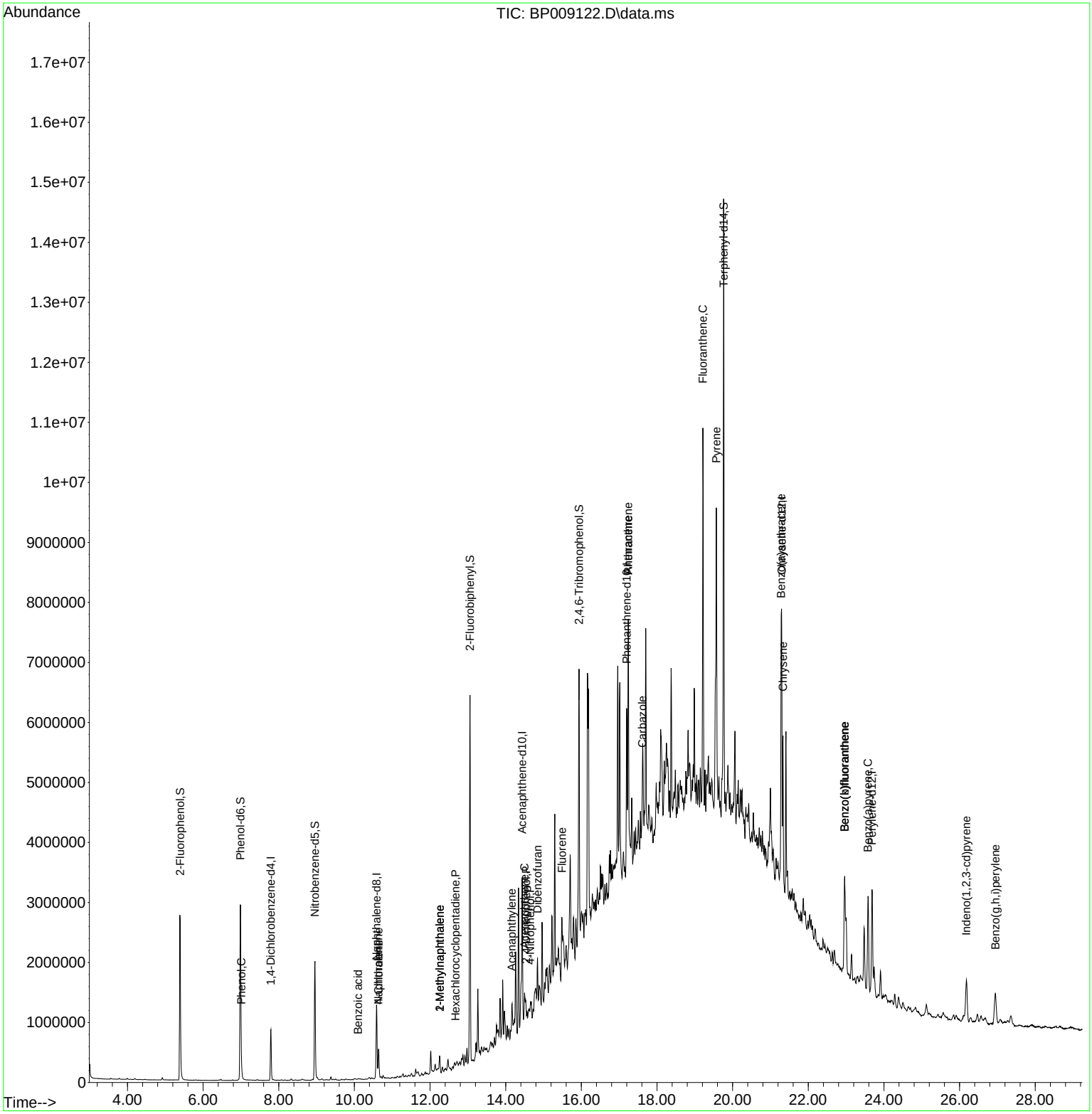
(#) = qualifier out of range (m) = manual integration (+) = signals summed

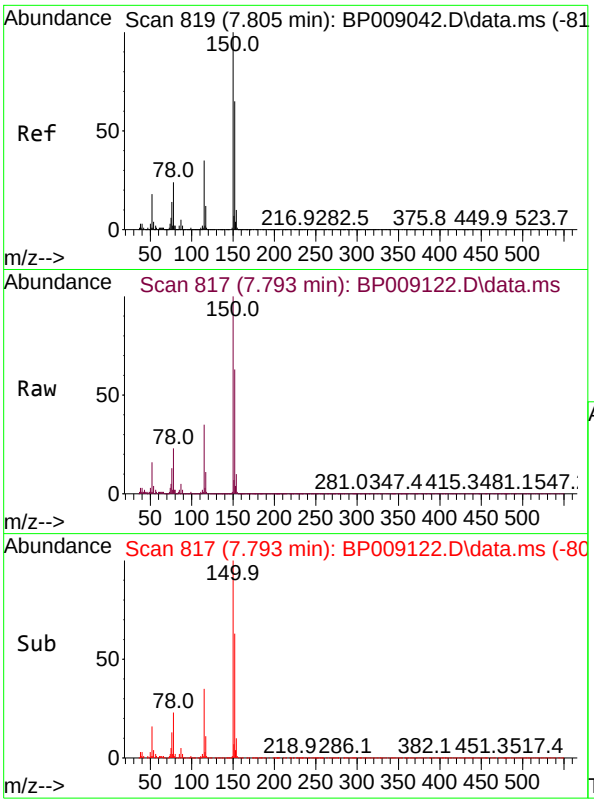
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009122.D
Acq On : 11 Feb 2022 20:11
Operator : CG/JU
Sample : N1427-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Quant Time: Feb 11 23:34:26 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



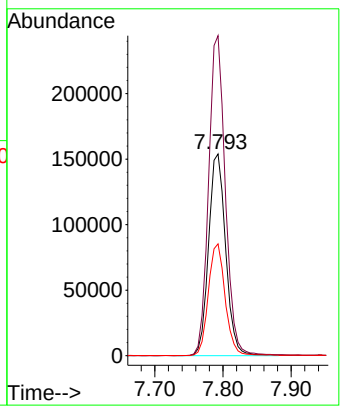


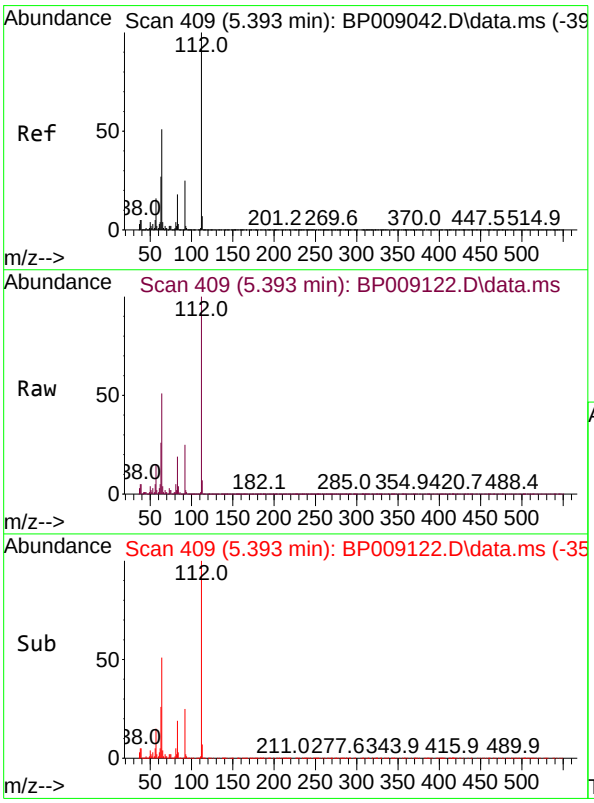
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:152 Resp: 268706

Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.0	190.6
115	55.4	43.7	65.5

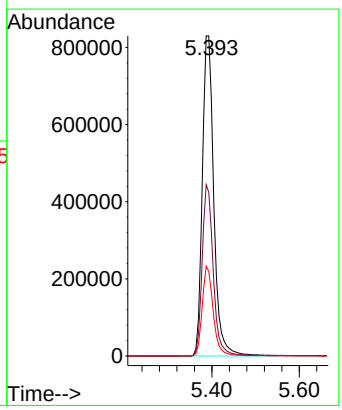


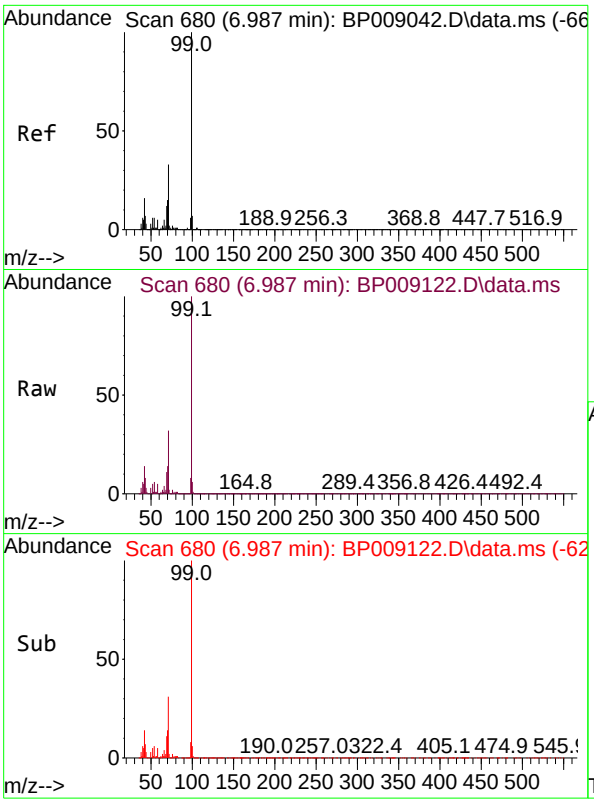


#5
2-Fluorophenol
Concen: 100.770 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:112 Resp: 1517963

Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.7	59.5
63	26.5	20.0	30.0



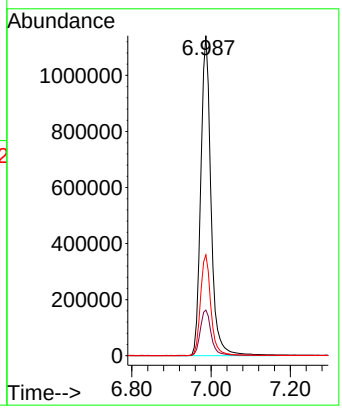


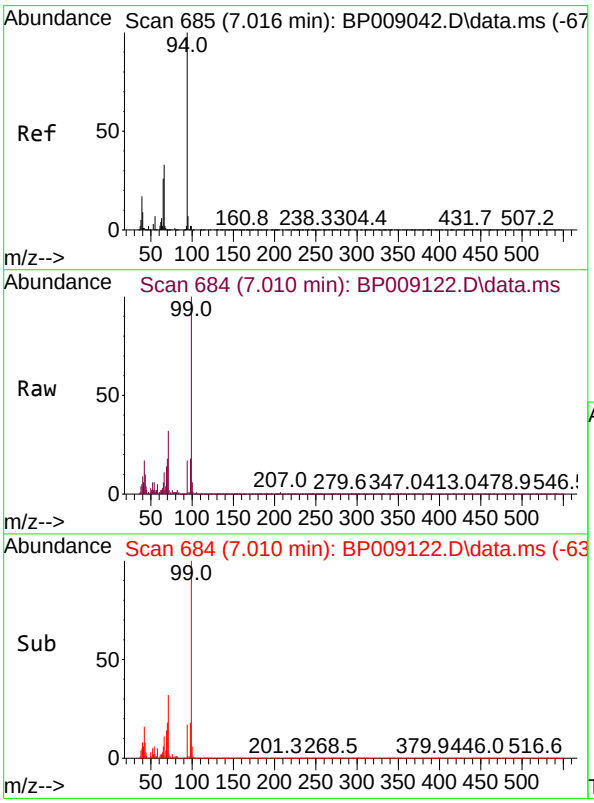
#7
Phenol-d6
Concen: 102.980 ng
RT: 6.987 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion: 99 Resp: 2044037

Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.8	16.2
71	31.5	23.8	35.6

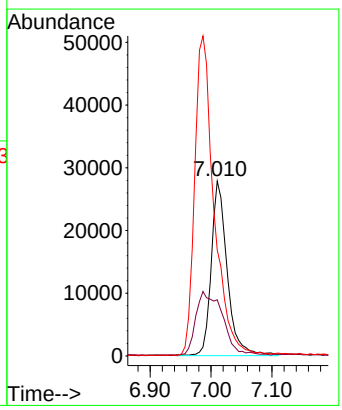


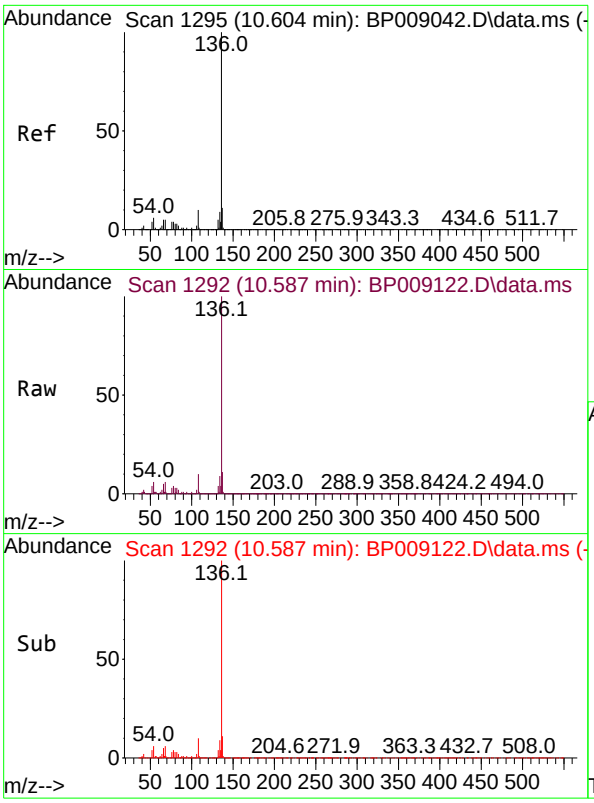


#10
Phenol
Concen: 2.542 ng
RT: 7.010 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion: 94 Resp: 50731

Ion	Ratio	Lower	Upper
94	100		
65	32.1	4.1	44.1
66	60.6	12.4	52.4#



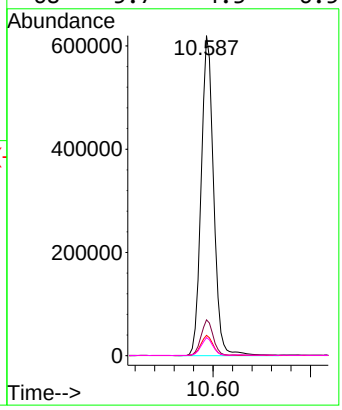


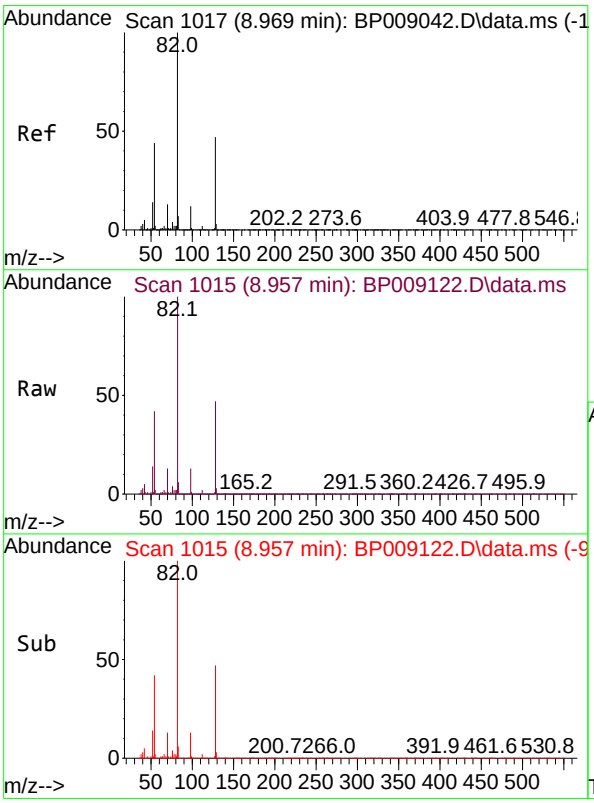
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:136 Resp: 1099300

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.4	4.9	7.3
68	5.7	4.3	6.5

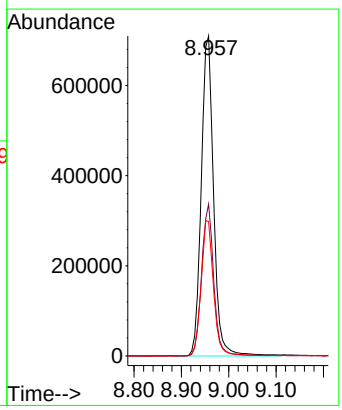


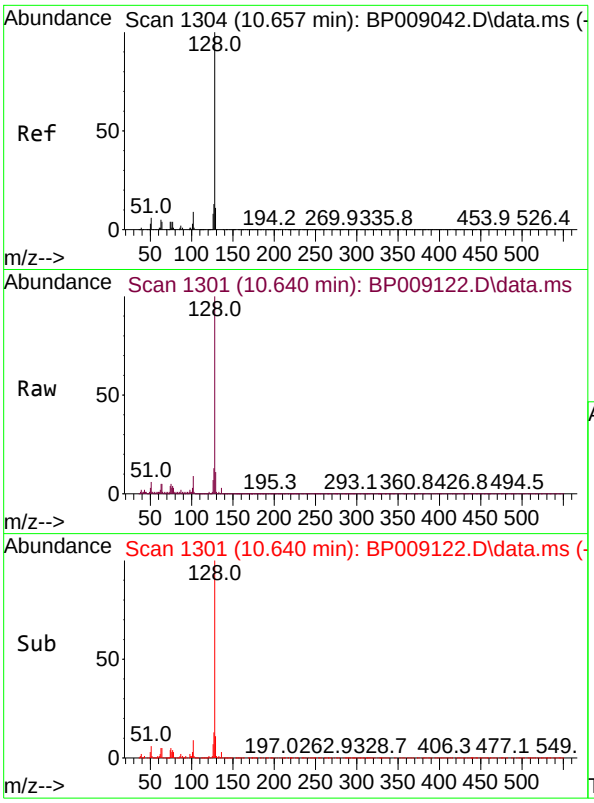


#23
Nitrobenzene-d5
Concen: 65.826 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion: 82 Resp: 1283163

Ion	Ratio	Lower	Upper
82	100		
128	47.4	39.4	59.2
54	42.0	32.6	48.8



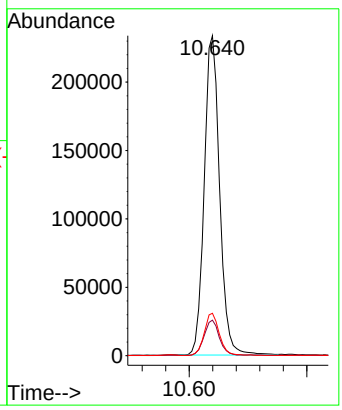


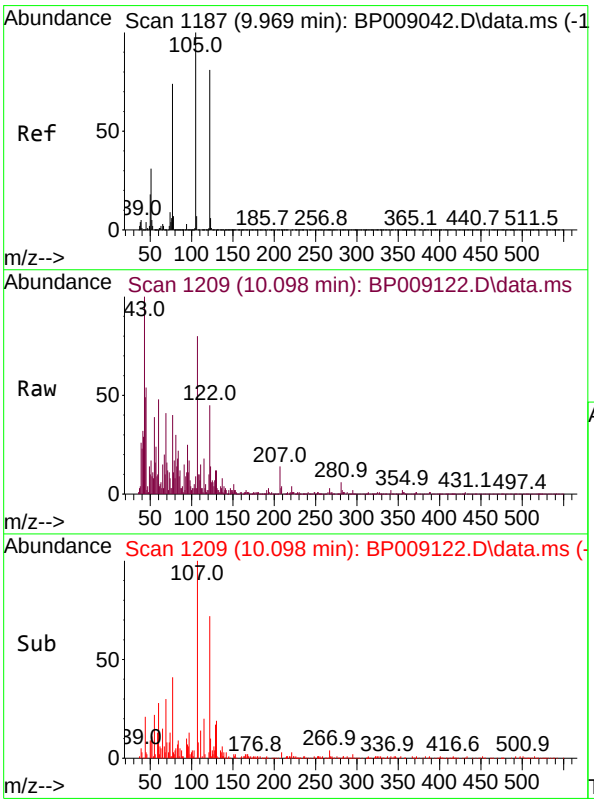
#31
Naphthalene
Concen: 7.596 ng
RT: 10.640 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:128 Resp: 425900

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.2	10.4	15.6

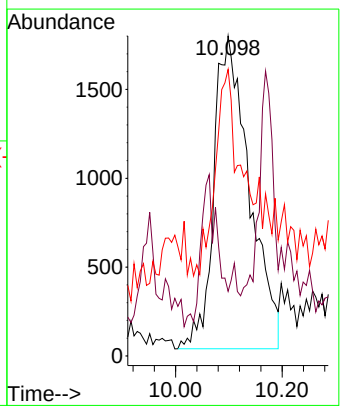


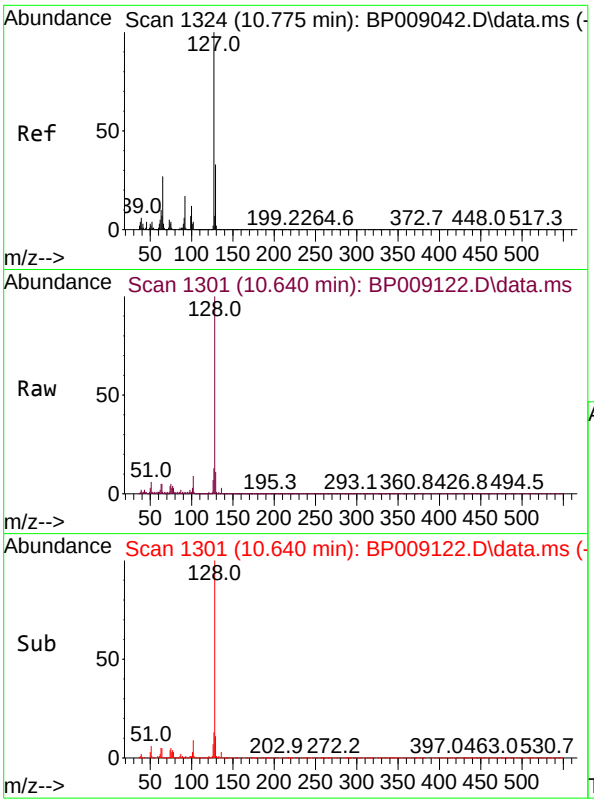


#32
Benzoic acid
Concen: 3.489 ng
RT: 10.098 min Scan# 1209
Delta R.T. 0.129 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:122 Resp: 8135

Ion	Ratio	Lower	Upper
122	100		
105	20.2	100.1	140.1#
77	89.6	65.5	105.5



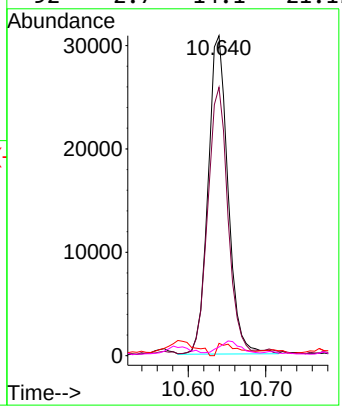


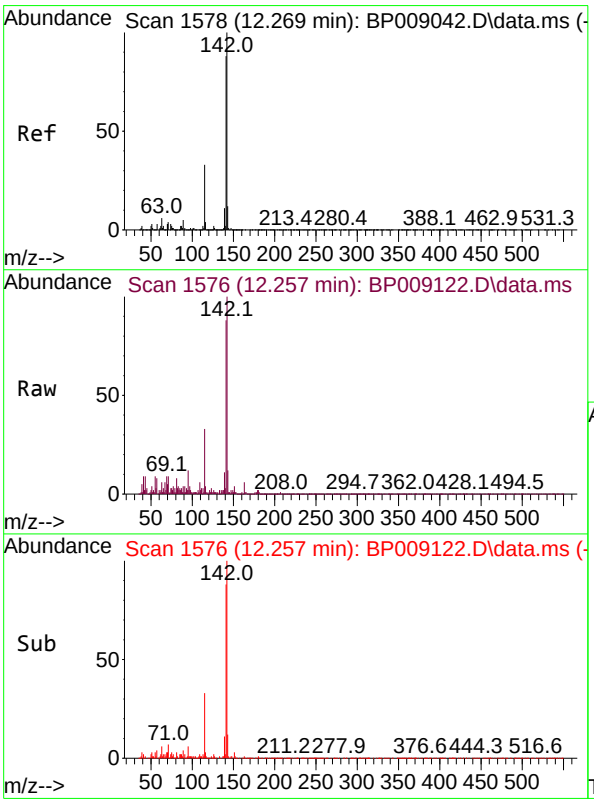
#33
4-Chloroaniline
Concen: 2.432 ng
RT: 10.640 min Scan# 1
Delta R.T. -0.135 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:127 Resp: 55060

Ion	Ratio	Lower	Upper
127	100		
129	83.9	26.0	39.0#
65	3.9	20.5	30.7#
92	2.7	14.1	21.1#

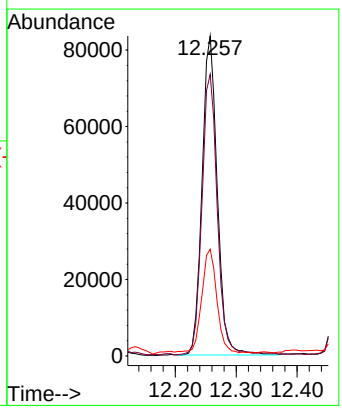


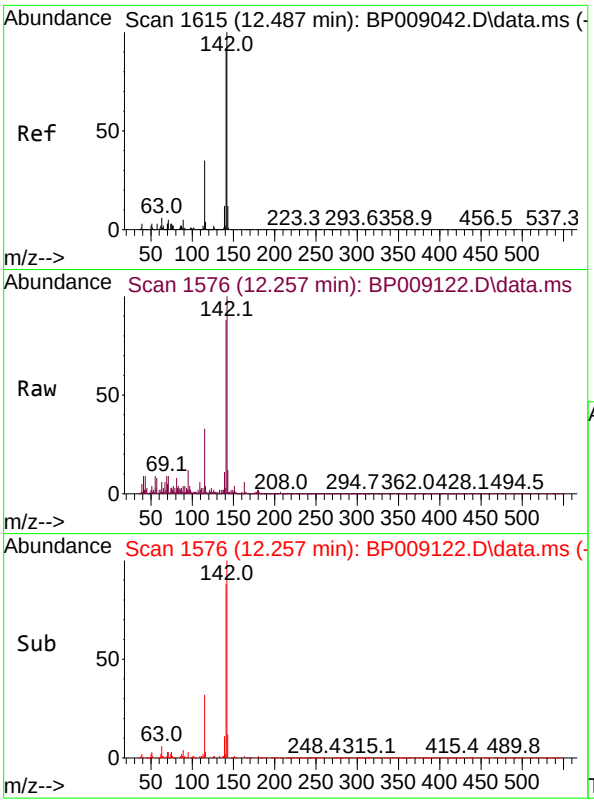


#37
2-Methylnaphthalene
Concen: 3.643 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:142 Resp: 144523

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7
115	33.3	24.6	36.8



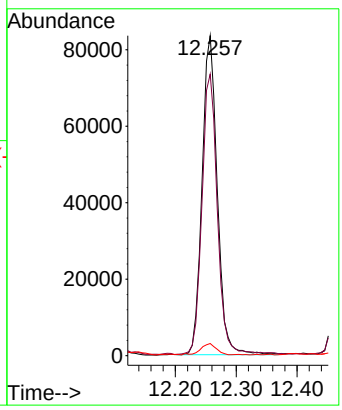


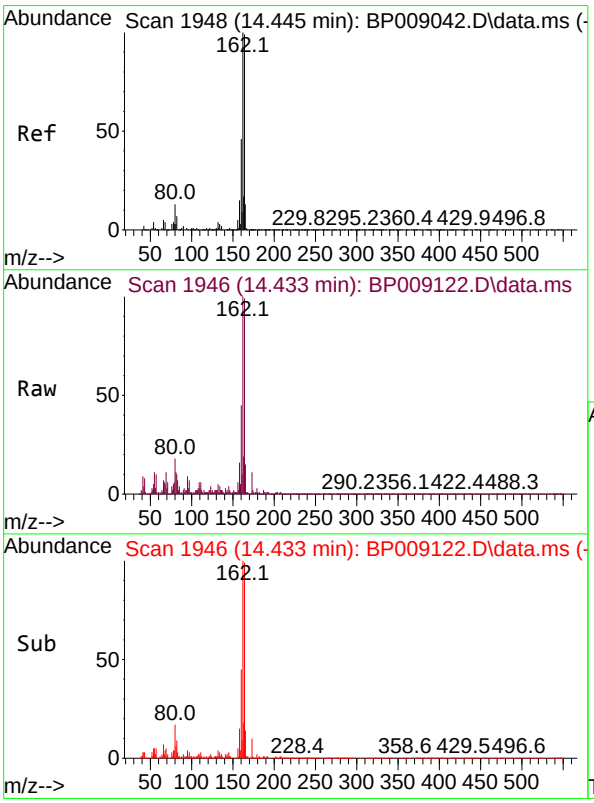
#38
1-Methylnaphthalene
Concen: 3.728 ng
RT: 12.257 min Scan# 1
Delta R.T. -0.230 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:142 Resp: 144523

Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.2	109.8
116	3.8	2.7	4.1

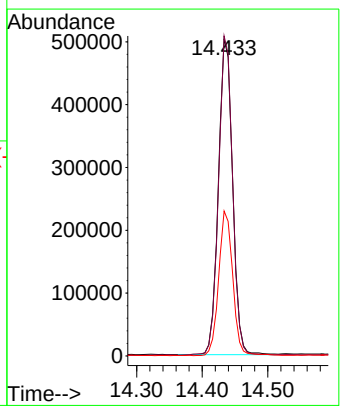


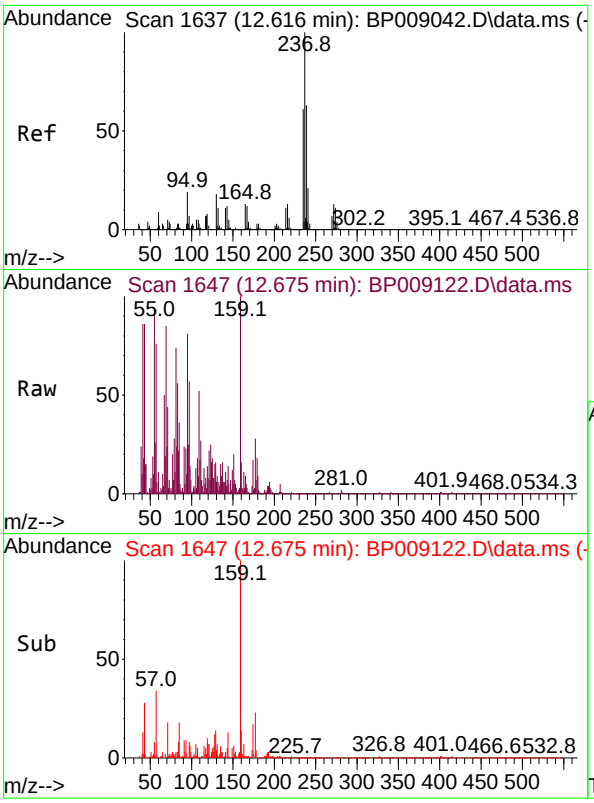


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:164 Resp: 751902

Ion	Ratio	Lower	Upper
164	100		
162	100.9	79.9	119.9
160	45.7	35.5	53.3



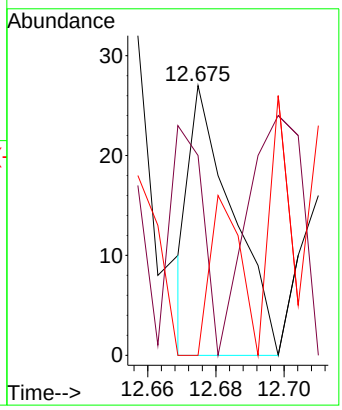


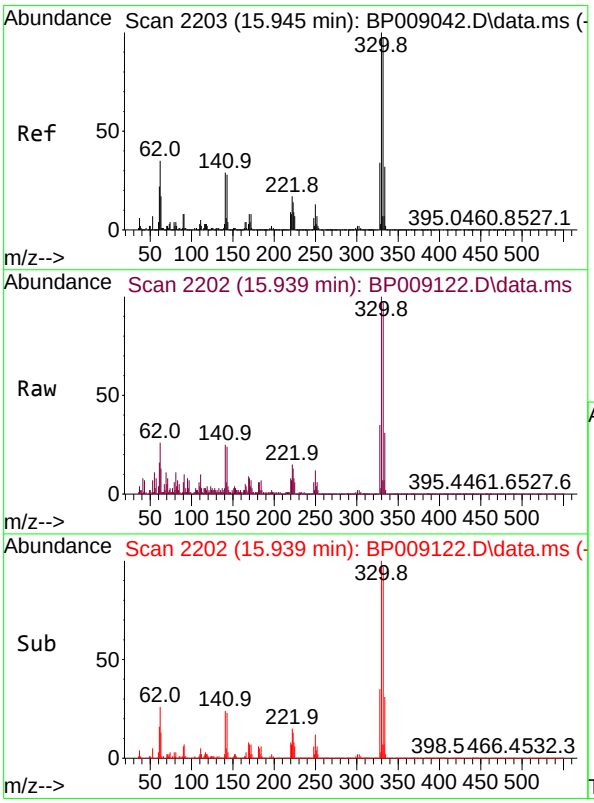
#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.675 min Scan# 1
Delta R.T. 0.059 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:237 Resp: 24

Ion	Ratio	Lower	Upper
237	100		
235	74.1	42.9	82.9
272	0.0	0.0	33.8

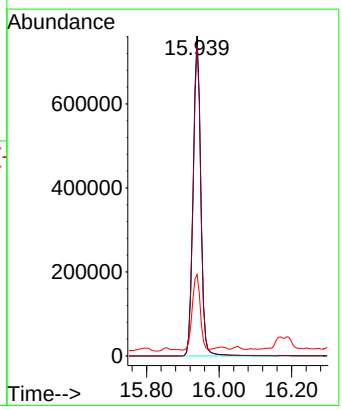


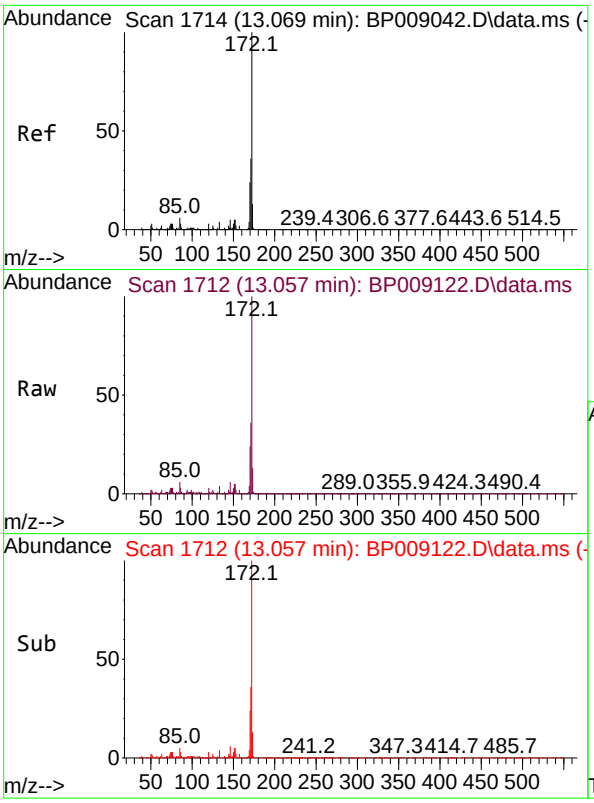


#42
2,4,6-Tribromophenol
Concen: 111.570 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:330 Resp: 1120078

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.4
141	24.3	21.3	31.9



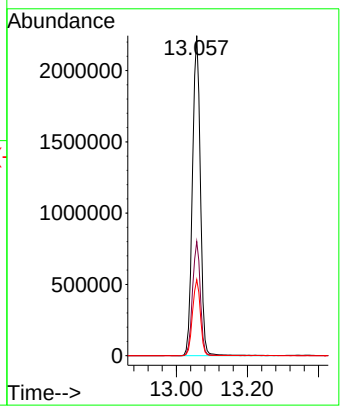


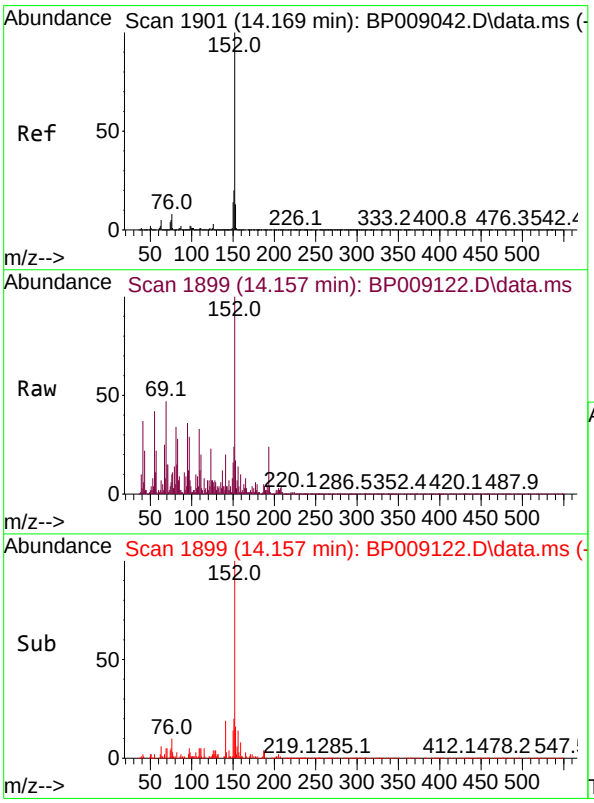
#45
2-Fluorobiphenyl
Concen: 64.887 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:172 Resp: 3485153

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.3	43.9
170	23.8	19.5	29.3

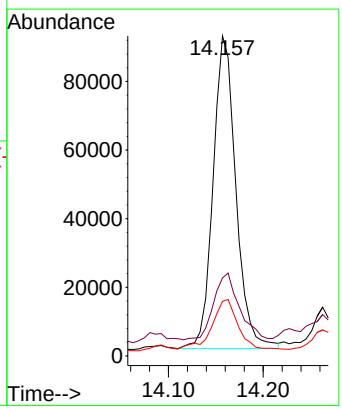


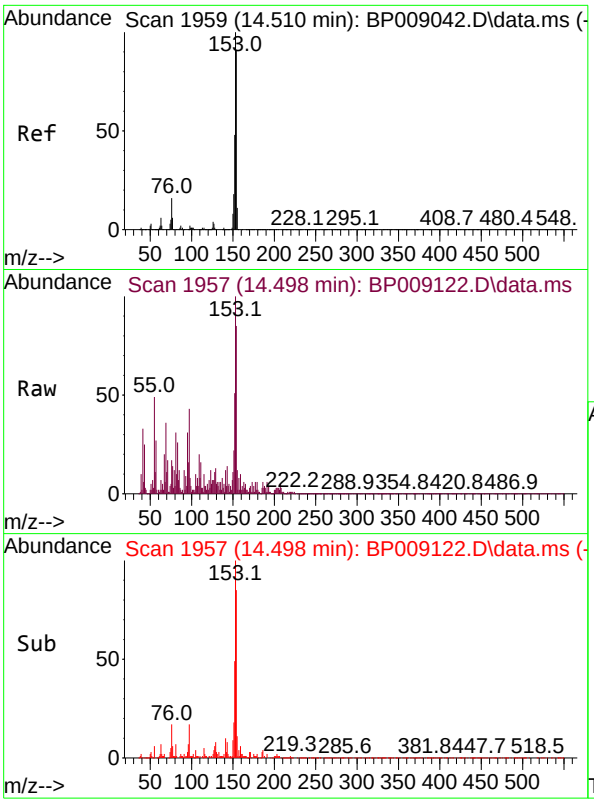


#49
Acenaphthylene
Concen: 2.311 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:152 Resp: 152941

Ion	Ratio	Lower	Upper
152	100		
151	24.4	16.1	24.1#
153	17.1	10.6	16.0#



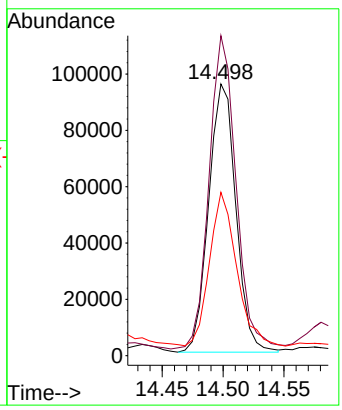


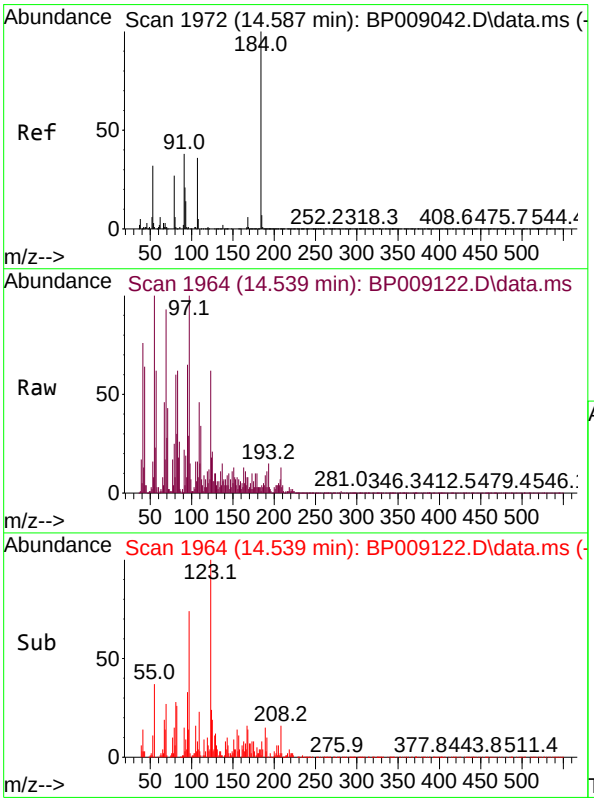
#52
Acenaphthene
Concen: 3.684 ng
RT: 14.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:154 Resp: 148343

Ion	Ratio	Lower	Upper
154	100		
153	117.8	89.4	134.2
152	60.2	42.6	63.8

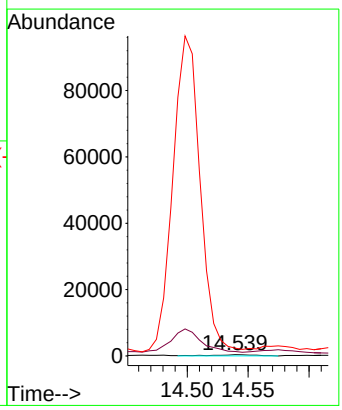


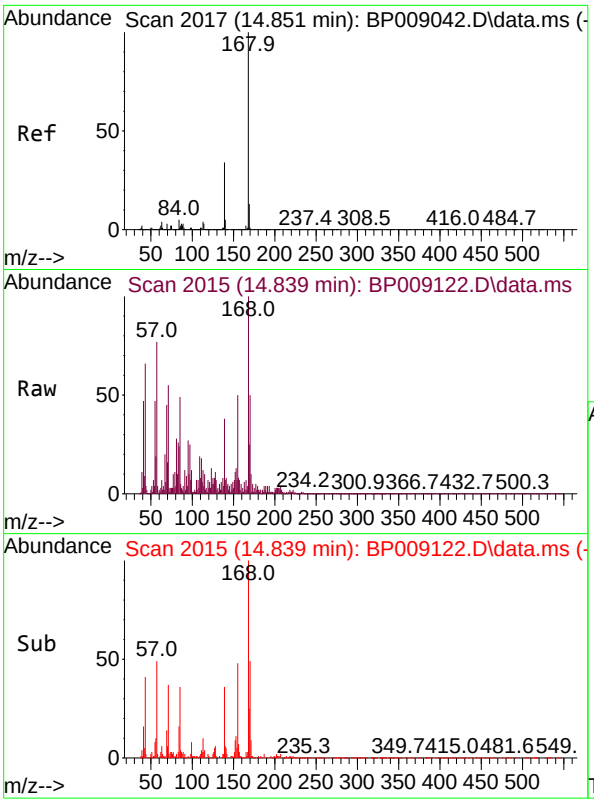


#54
2,4-Dinitrophenol
Concen: 2.364 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.048 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:184 Resp: 926

Ion	Ratio	Lower	Upper
184	100		
63	362.2	35.6	53.4#
154	642.9	43.4	65.0#



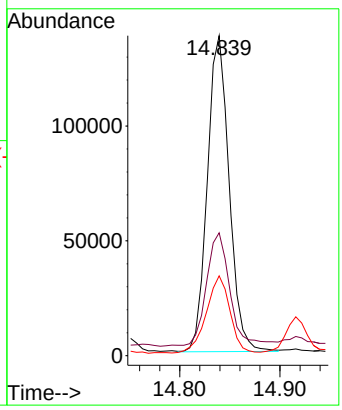


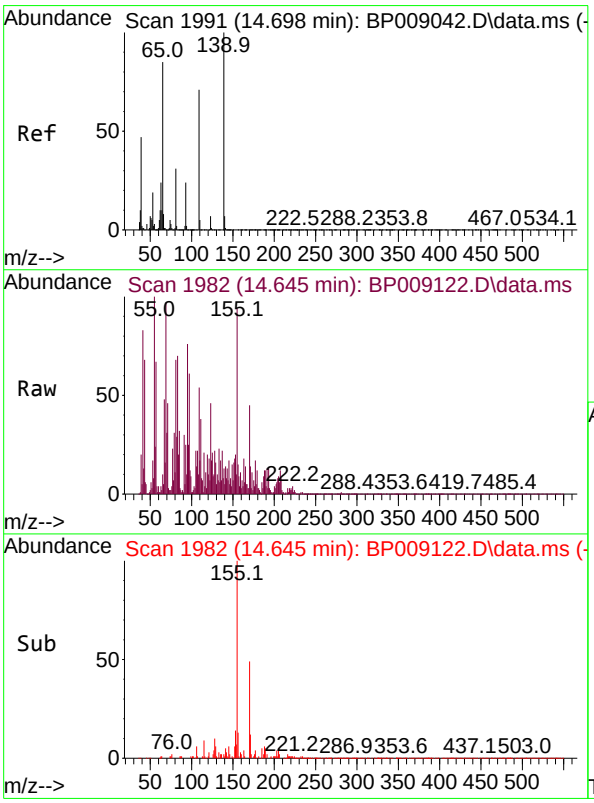
#55
Dibenzofuran
Concen: 3.070 ng
RT: 14.839 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:168 Resp: 208284

Ion	Ratio	Lower	Upper
168	100		
139	38.4	27.4	41.0
169	24.9	10.9	16.3#

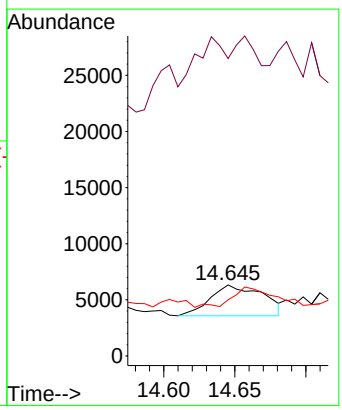


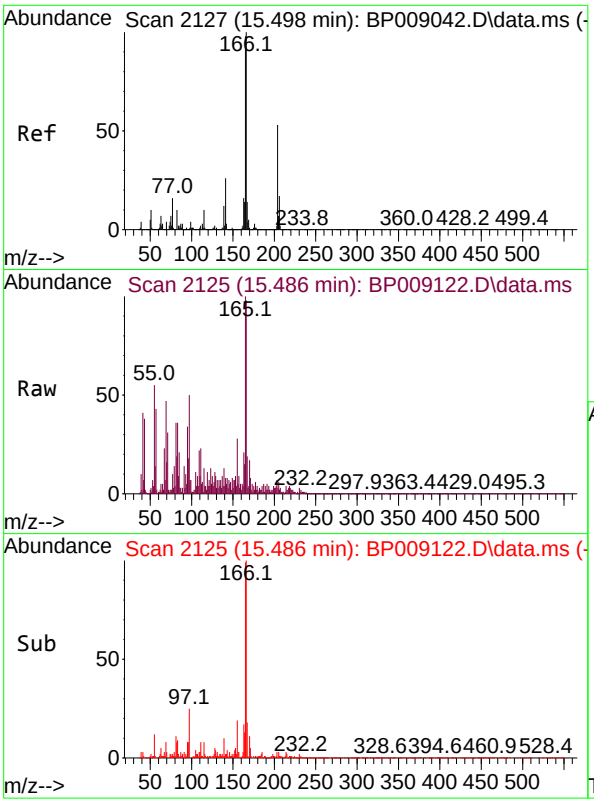


#56
4-Nitrophenol
Concen: 2.542 ng
RT: 14.645 min Scan# 1982
Delta R.T. -0.053 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:139 Resp: 7051

Ion	Ratio	Lower	Upper
139	100		
109	418.8	42.2	82.2#
65	79.0	57.3	97.3



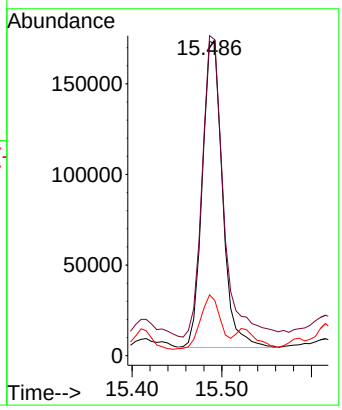


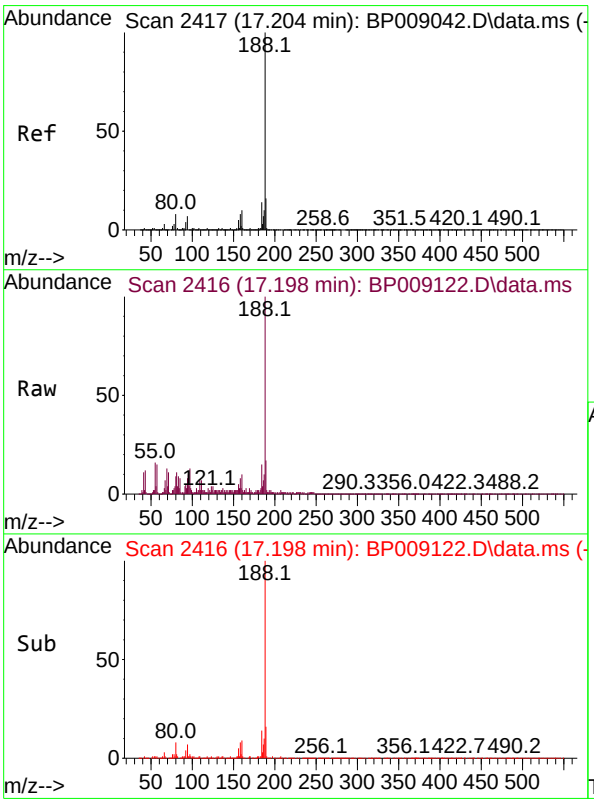
#58
Fluorene
Concen: 5.072 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:166 Resp: 264339

Ion	Ratio	Lower	Upper
166	100		
165	101.8	77.2	115.8
167	19.4	11.2	16.8#

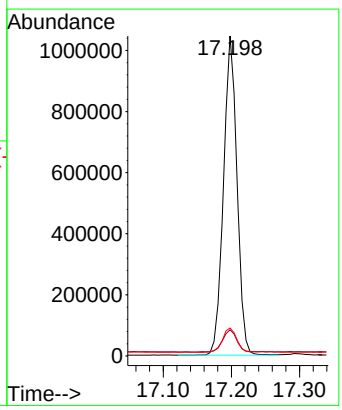


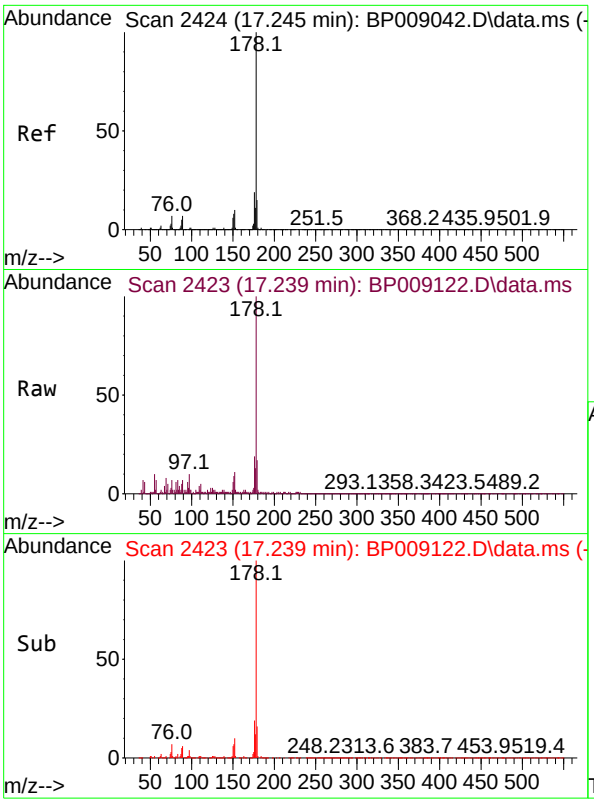


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:188 Resp: 1443536

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	8.7	7.2	10.8



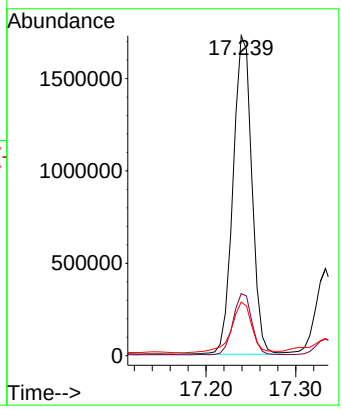


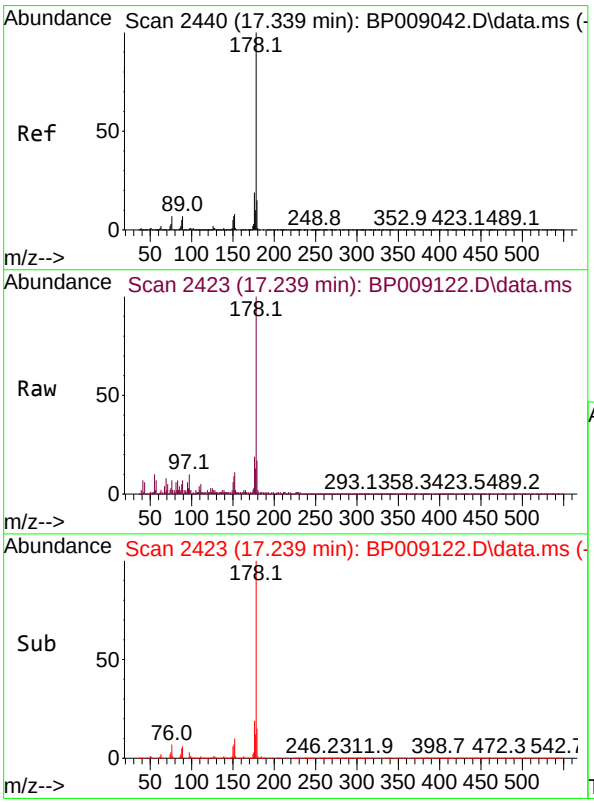
#71
Phenanthrene
Concen: 32.013 ng
RT: 17.239 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:178 Resp: 2502212

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.7	13.0	19.4

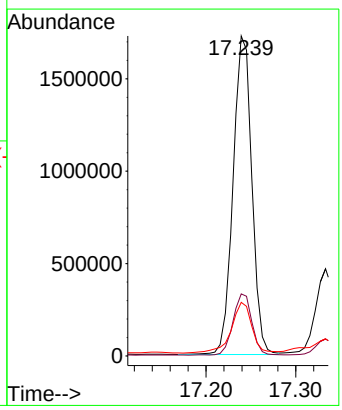


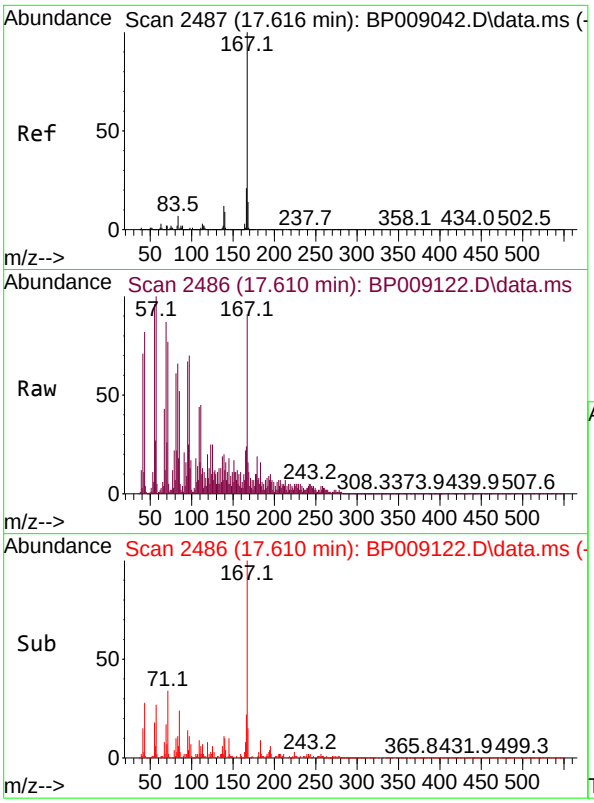


#72
Anthracene
Concen: 32.720 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.100 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:178 Resp: 2502212

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	16.7	12.8	19.2



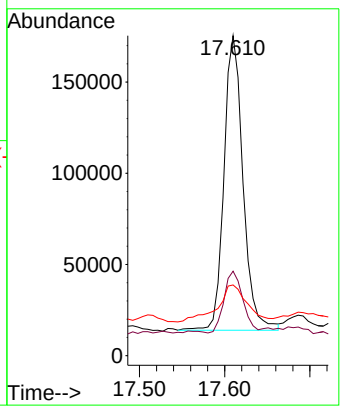


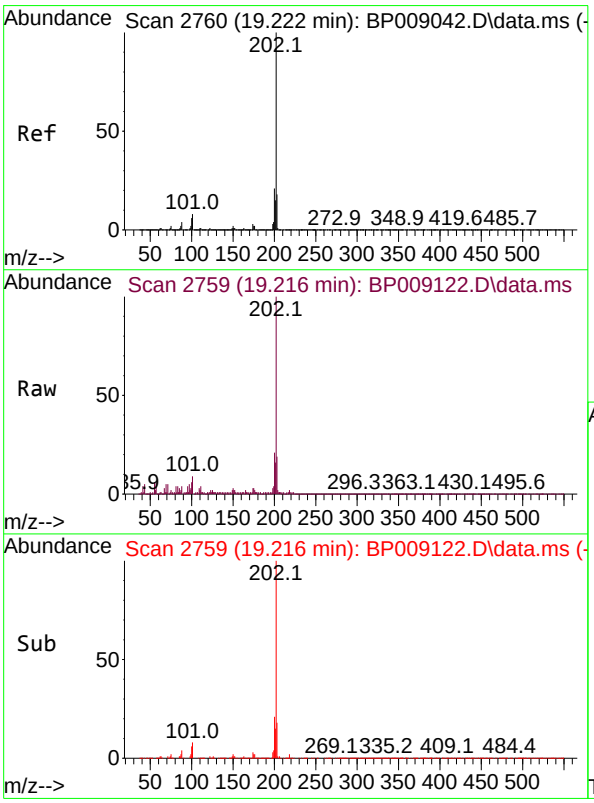
#73
Carbazole
Concen: 3.427 ng
RT: 17.610 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:167 Resp: 251210

Ion	Ratio	Lower	Upper
167	100		
166	26.4	17.7	26.5
139	22.1	9.8	14.6#

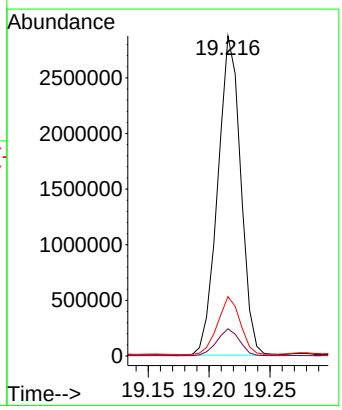


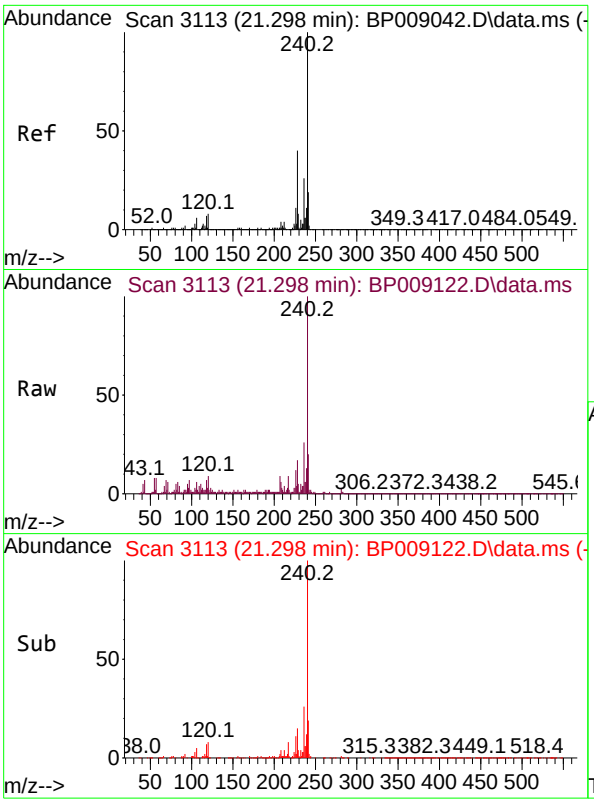


#75
Fluoranthene
Concen: 43.008 ng
RT: 19.216 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:202 Resp: 3767679

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.7
203	18.5	0.0	38.9



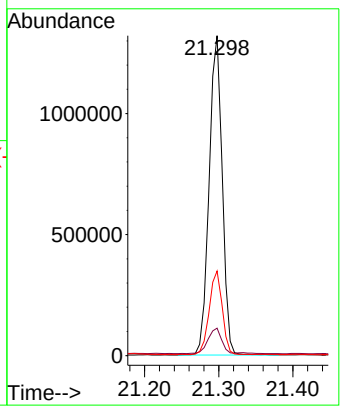


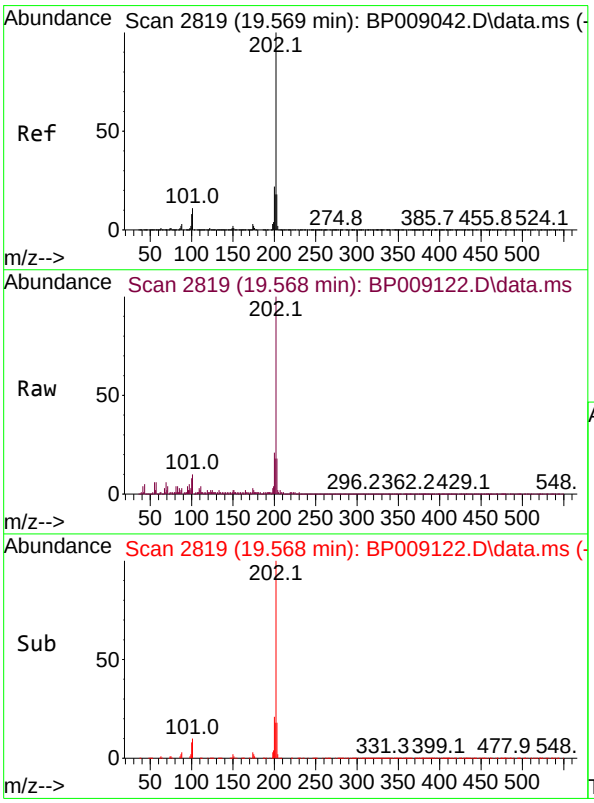
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:240 Resp: 1619373

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.7	11.5
236	26.5	21.2	31.8

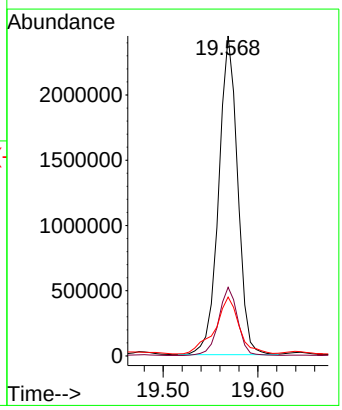


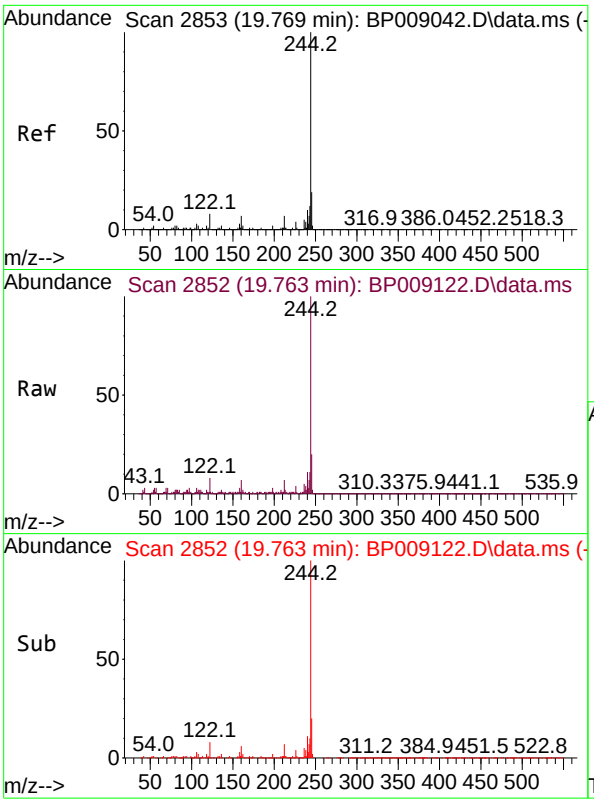


#78
Pyrene
Concen: 29.544 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:202 Resp: 3403409

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.0	27.0
203	18.4	15.0	22.6



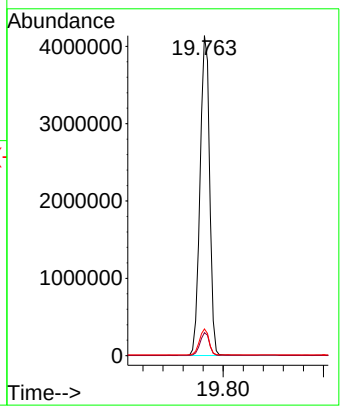


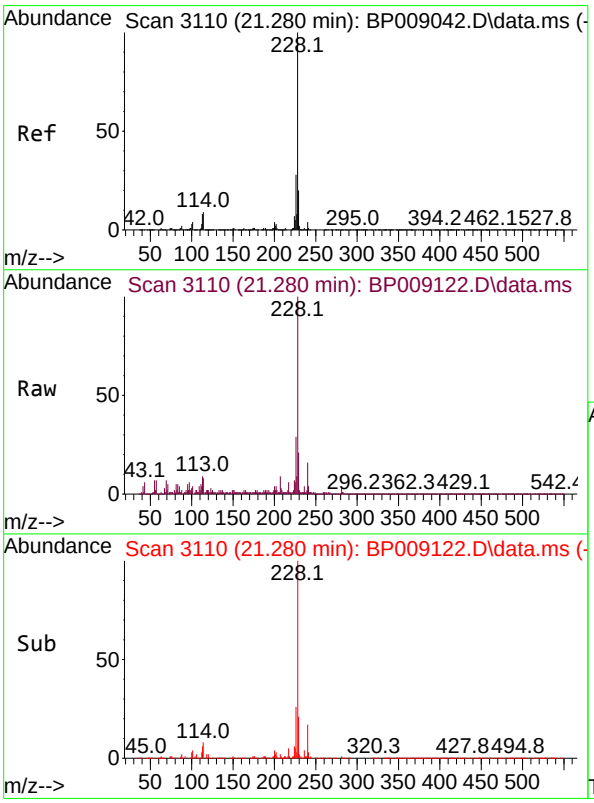
#79
Terphenyl-d14
Concen: 60.536 ng
RT: 19.763 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:244 Resp: 5451165

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	8.3	9.2	13.8#

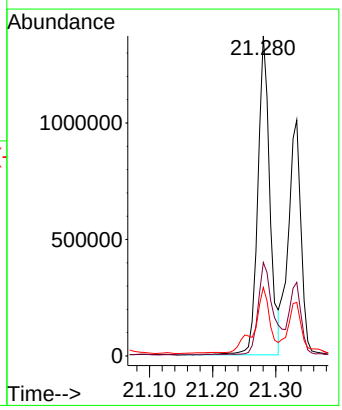


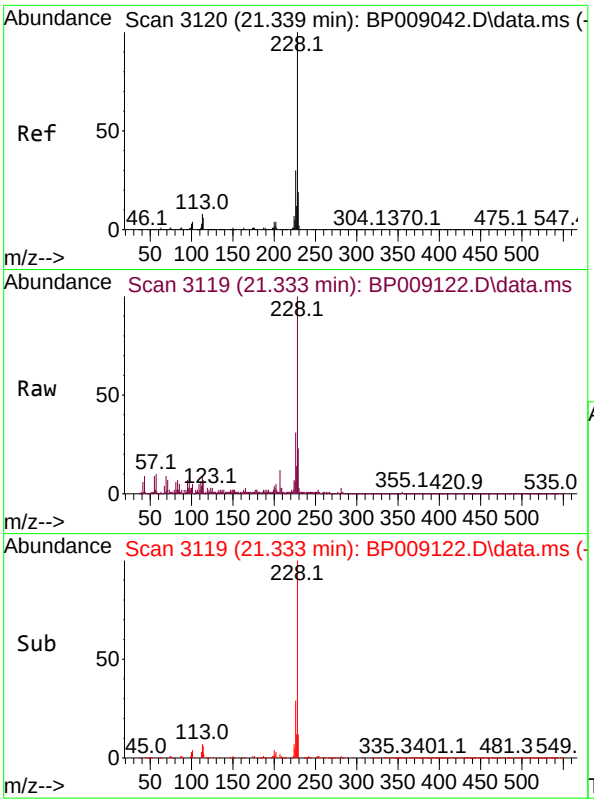


#81
Benzo(a)anthracene
Concen: 17.327 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:228 Resp: 1808230

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	21.4	17.0	25.6



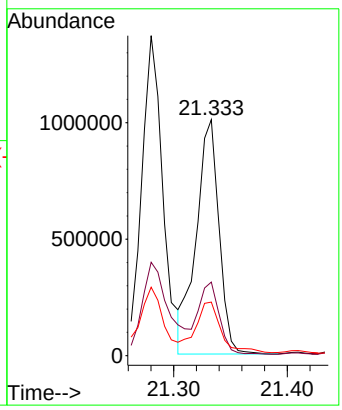


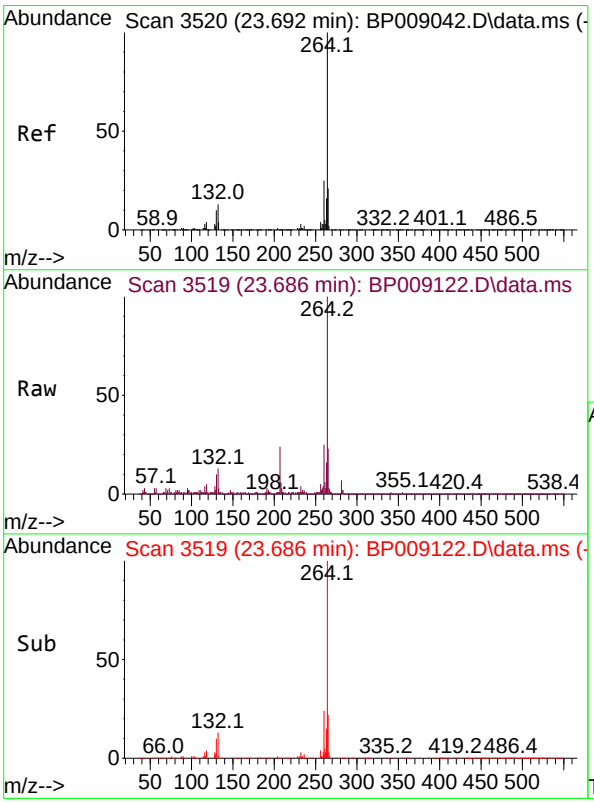
#83
Chrysene
Concen: 13.993 ng
RT: 21.333 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:228 Resp: 1407743

Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.0	39.0
229	22.7	16.9	25.3

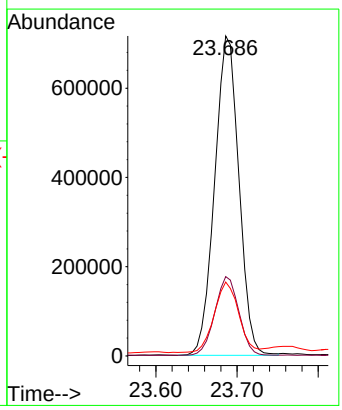


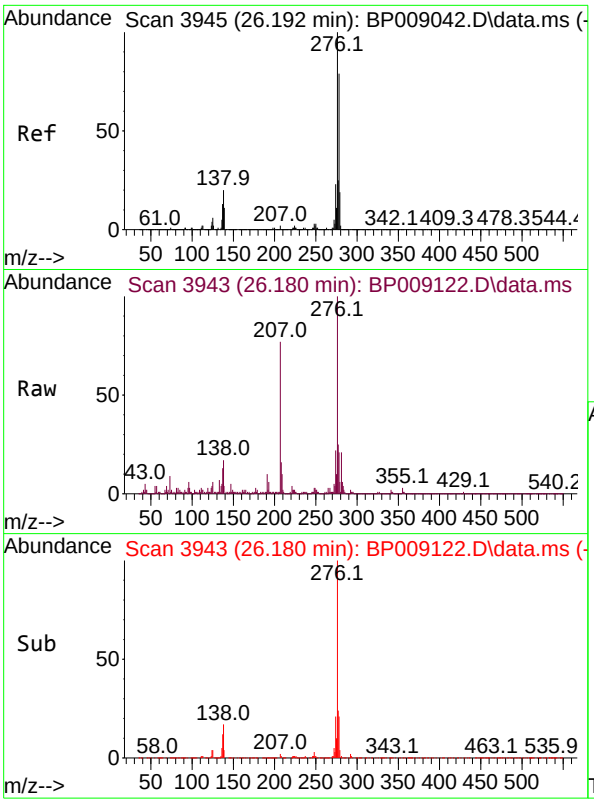


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:264 Resp: 1483378

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.1	28.7
265	23.1	17.1	25.7



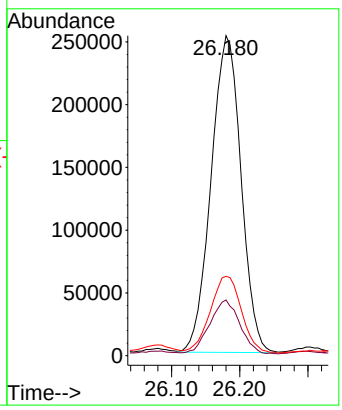


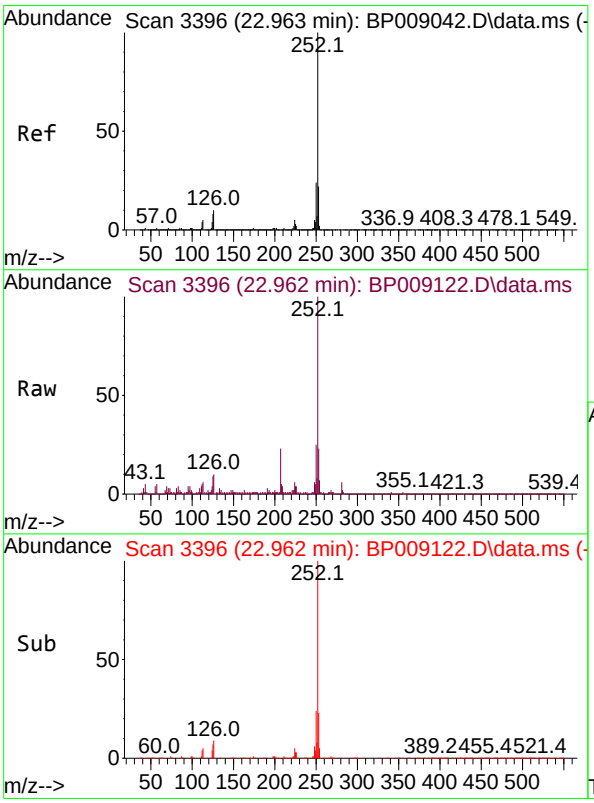
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.993 ng
RT: 26.180 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:276 Resp: 770796

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.8	26.6#
277	25.4	20.4	30.6

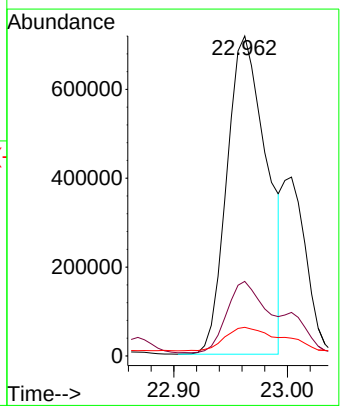


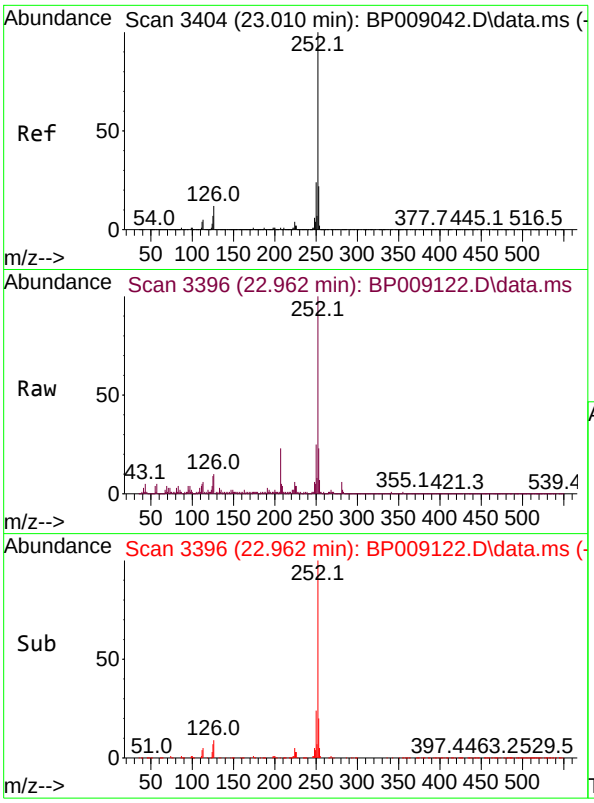


#88
Benzo(b)fluoranthene
Concen: 19.121 ng
RT: 22.962 min Scan# 3396
Delta R.T. -0.000 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:252 Resp: 1746136

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	8.9	6.9	10.3



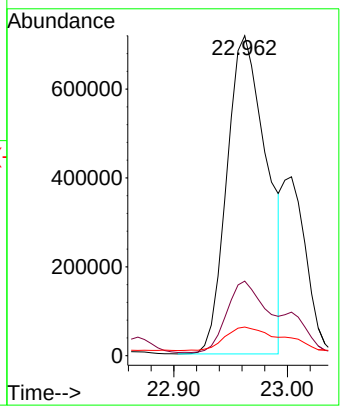


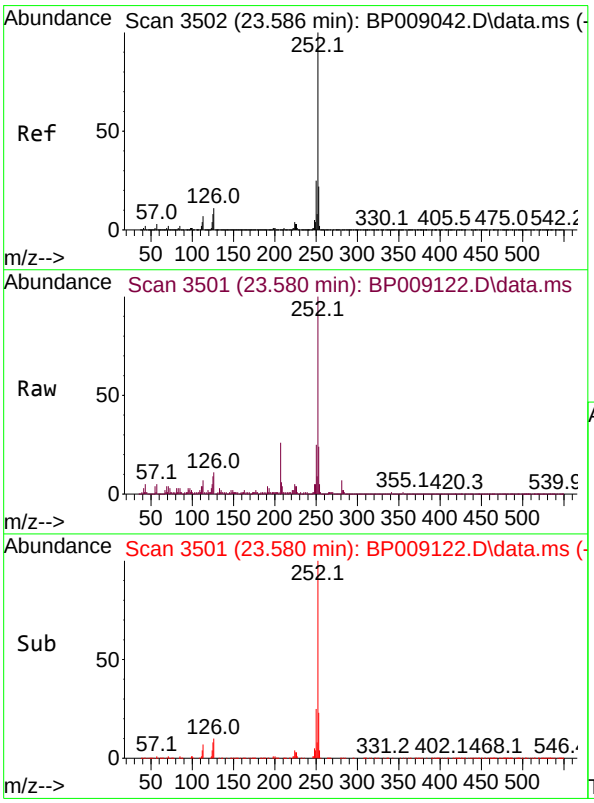
#89
Benzo(k)fluoranthene
Concen: 19.166 ng
RT: 22.962 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:252 Resp: 1746136

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	8.9	7.3	10.9

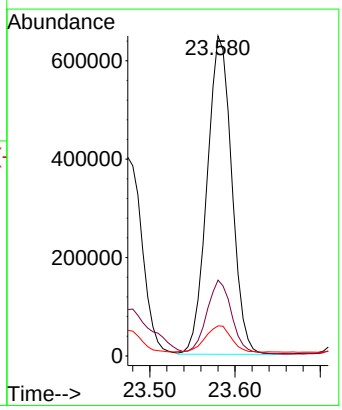


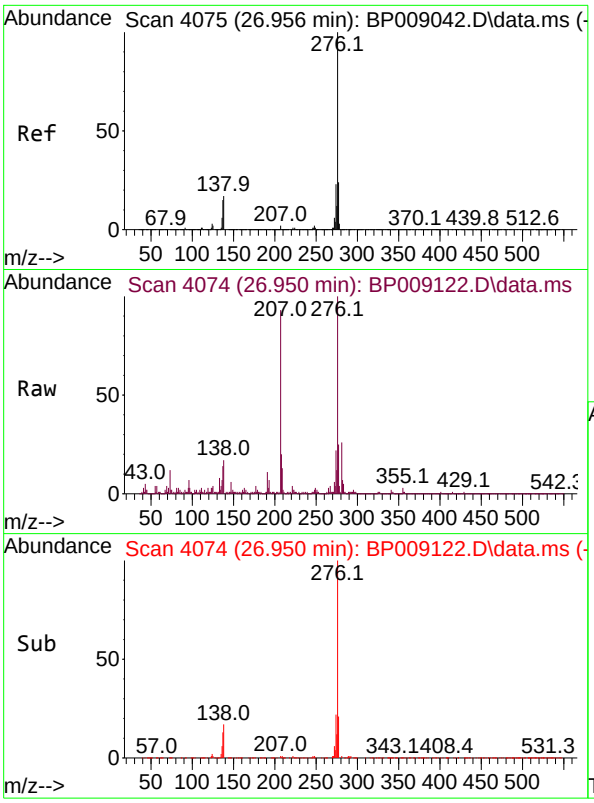


#90
Benzo(a)pyrene
Concen: 17.084 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Tgt Ion:252 Resp: 1300659

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	9.4	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 8.089 ng
RT: 26.950 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP009122.D
Acq: 11 Feb 2022 20:11

Instrument :
BNA_P
ClientSampleId :
VAULT-03-WASTE

Tgt Ion:276 Resp: 729531

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	17.1	15.0	22.4