Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009688.D
Acq On : 04 Apr 2022 20:22
Operator : CG/JU
Sample : N2238-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
72-11966

Quant Time: Apr 04 23:27:27 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	224077	20.000	ng		-0.01
21) Naphthalene-d8	10.516	136	908520	20.000	ng		-0.02
39) Acenaphthene-d10	14.375	164	566269	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1177531	20.000	ng		-0.02
76) Chrysene-d12	21.263	240	1164809	20.000	ng		-0.01
86) Perylene-d12	23.633	264	1218222	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	2079297	162.012	ng		-0.01
7) Phenol-d6	6.922	99	2571575	148.162	ng		-0.01
23) Nitrobenzene-d5	8.881	82	1632069	95.462	ng		-0.02
42) 2,4,6-Tribromophenol	15.881	330	1094878	117.169	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	3660396	89.611	ng		-0.02
79) Terphenyl-d14	19.722	244	5717943	88.110	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.828	77	280	Below Cal		#	37
41) Hexachlorocyclopentadiene	12.404	237	16	7.290	ng		80
54) 2,4-Dinitrophenol	14.492	184	84	4.547	ng	#	1
71) Phenanthrene	17.181	178	141177	2.240	ng		99
75) Fluoranthene	19.169	202	384009	5.032	ng		99
78) Pyrene	19.522	202	388961	5.068	ng		99
81) Benzo(a)anthracene	21.245	228	234809	3.068	ng		96
83) Chrysene	21.298	228	221918	3.062	ng		98
87) Indeno(1,2,3-cd)pyrene	26.104	276	203130	2.198	ng	#	94
88) Benzo(b)fluoranthene	22.916	252	346856	4.769	ng		97
89) Benzo(k)fluoranthene	22.916	252	346856	4.871	ng		97
90) Benzo(a)pyrene	23.527	252	264096	4.244	ng		99
92) Benzo(g,h,i)perylene	26.857	276	228982	3.022	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
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Acq On : 04 Apr 2022 20:22
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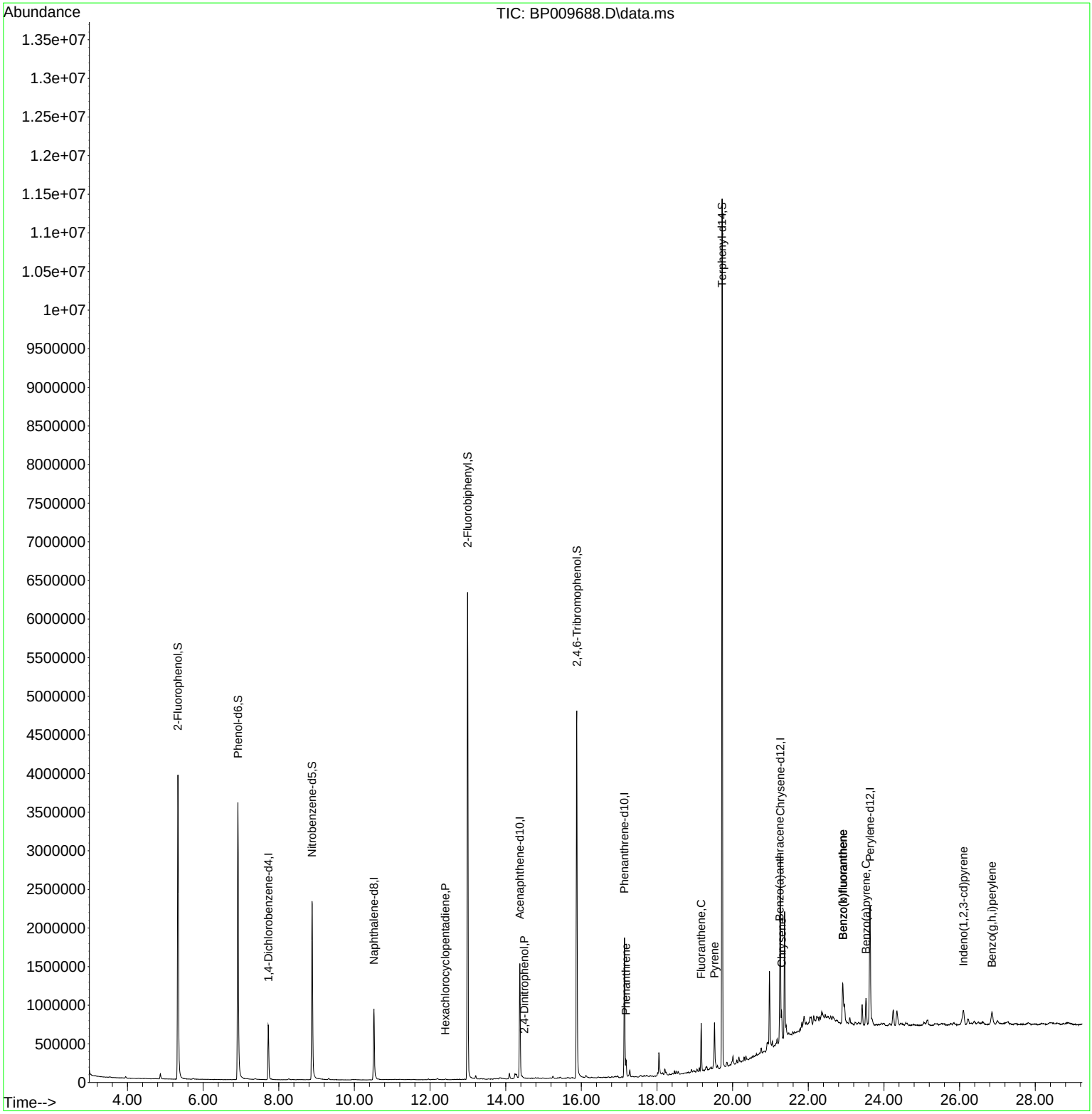
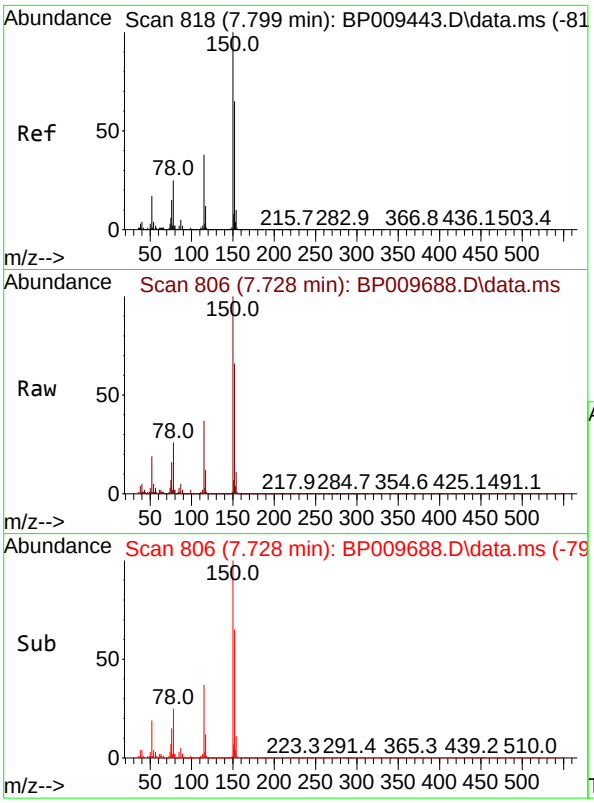
72-11966

Quant Time: Apr 04 23:27:27 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



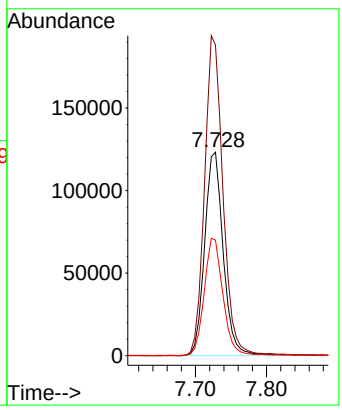


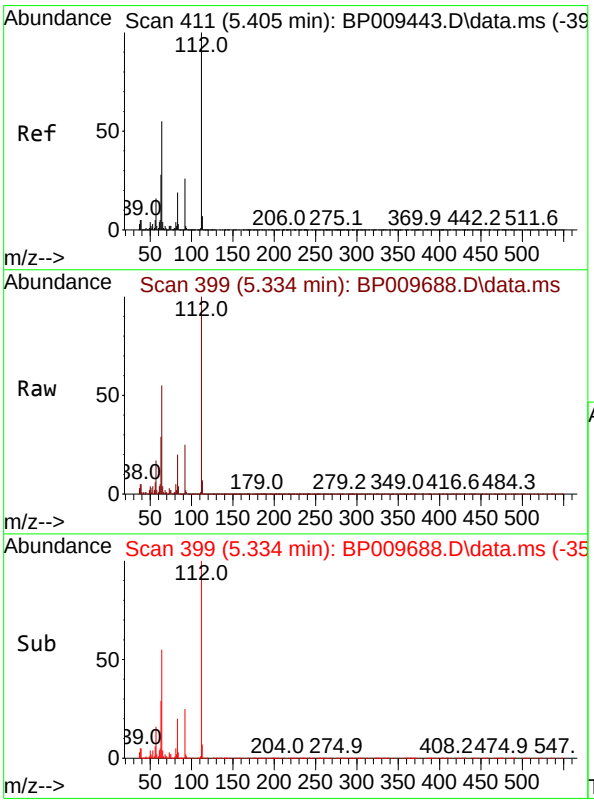
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:152 Resp: 224077

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.5	186.7
115	56.7	48.2	72.4

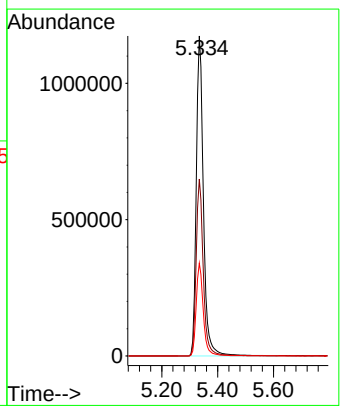


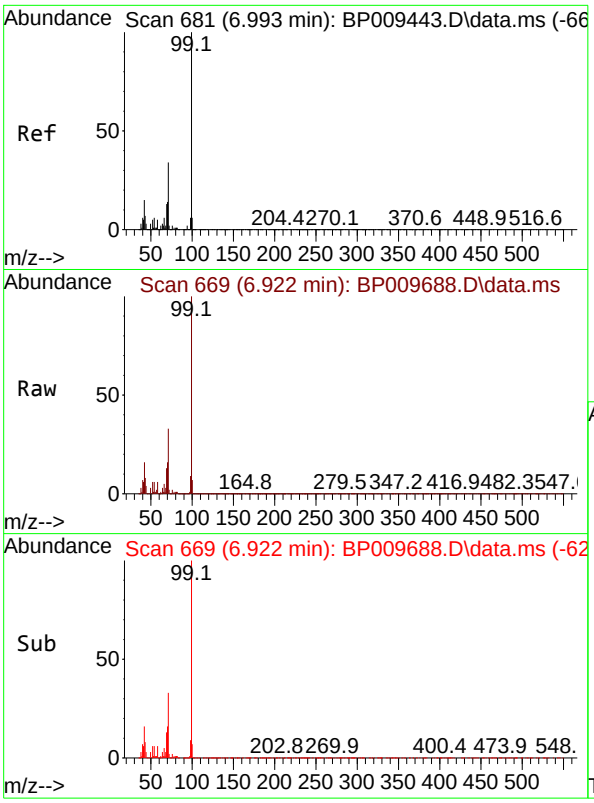


#5
2-Fluorophenol
Concen: 162.012 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:112 Resp: 2079297

Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.0	67.4
63	29.0	23.0	34.6



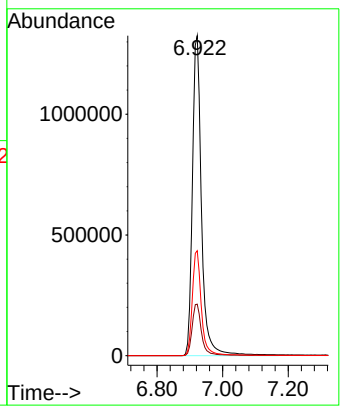


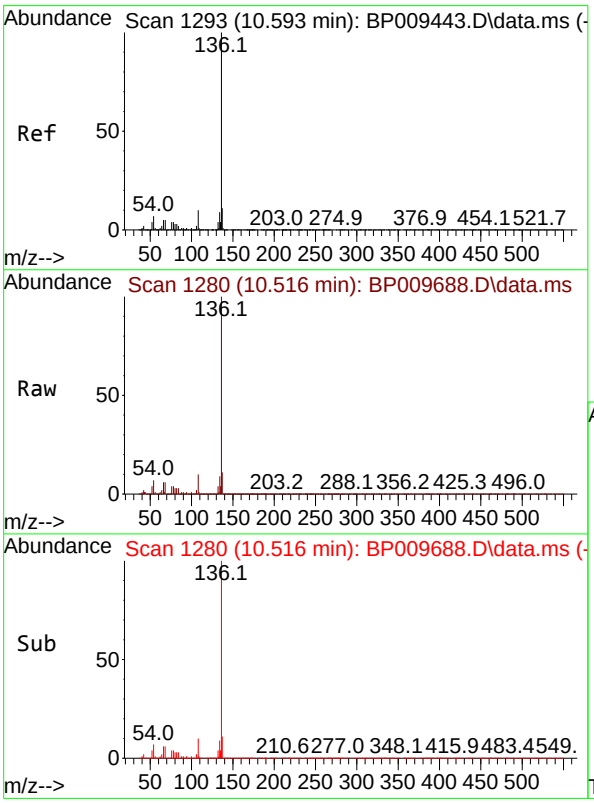
#7
Phenol-d6
Concen: 148.162 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion: 99 Resp: 2571575

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	32.8	26.3	39.5

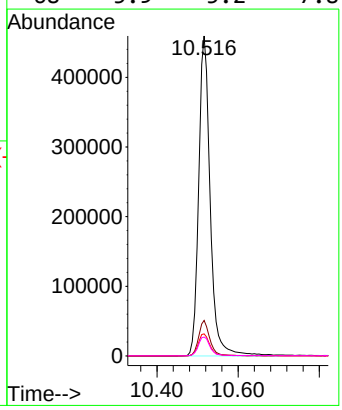


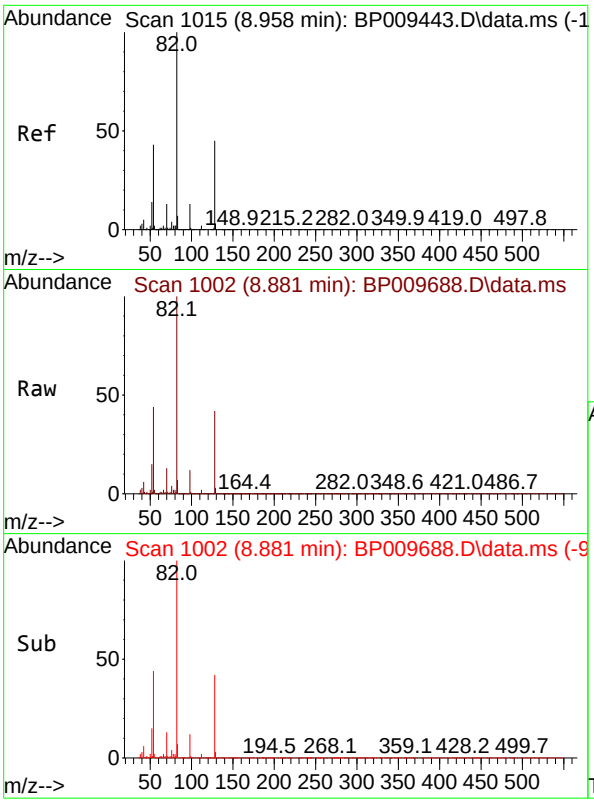


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:136 Resp: 908520

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.9	5.8	8.8
68	5.9	5.2	7.8



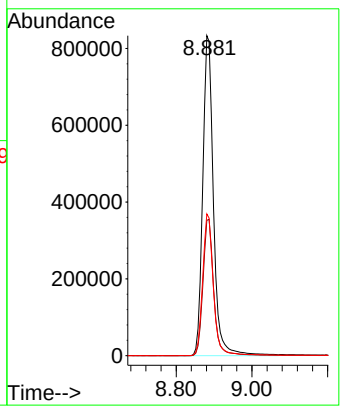


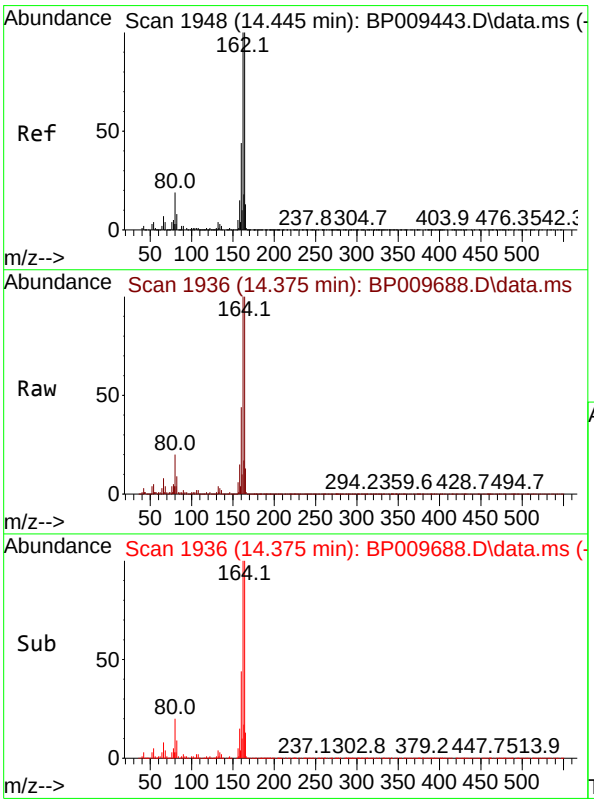
#23
Nitrobenzene-d5
Concen: 95.462 ng
RT: 8.881 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion: 82 Resp: 1632069

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.2	51.4
54	44.3	34.7	52.1

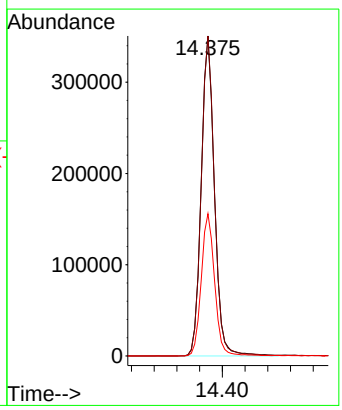


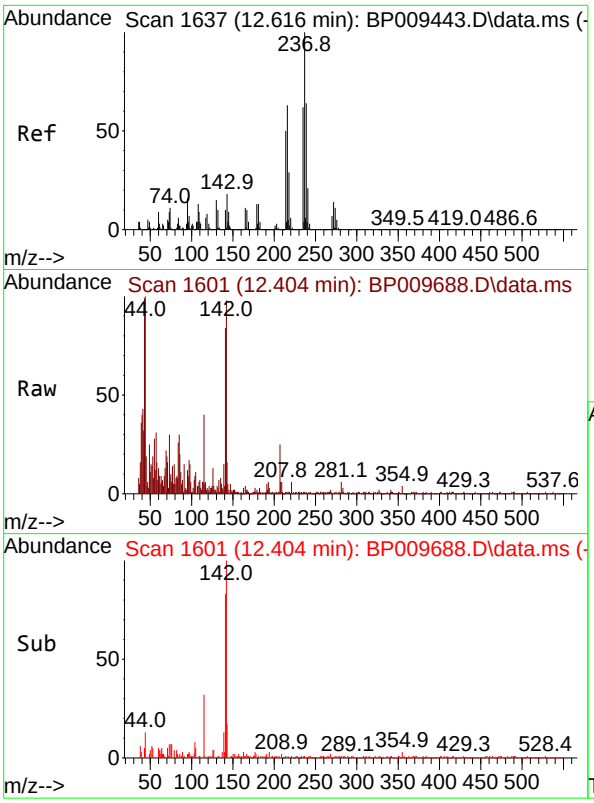


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:164 Resp: 566269

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.1	118.7
160	44.4	34.9	52.3



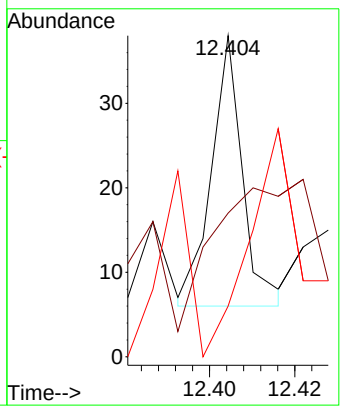


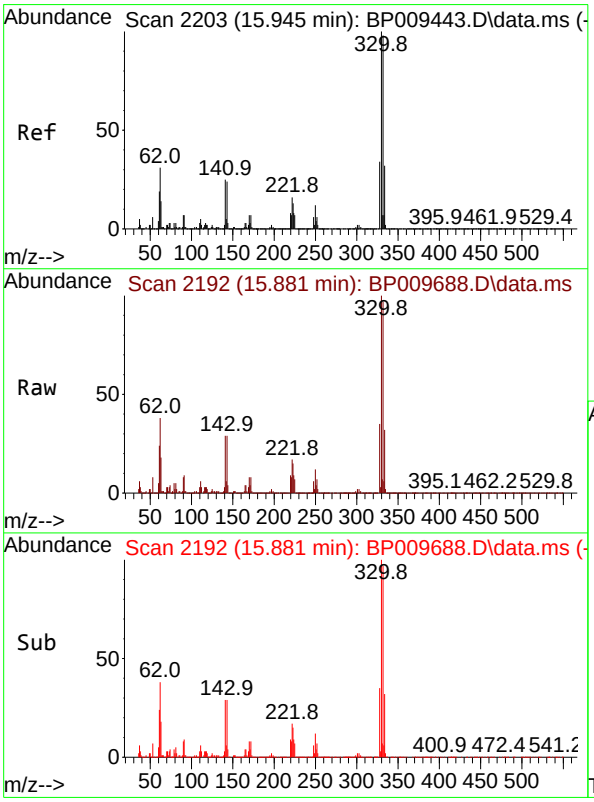
#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.404 min Scan# 1
Delta R.T. -0.153 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:237 Resp: 16

Ion	Ratio	Lower	Upper
237	100		
235	44.7	42.6	82.6
272	15.8	0.0	32.8

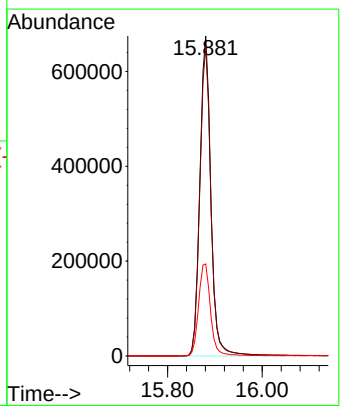


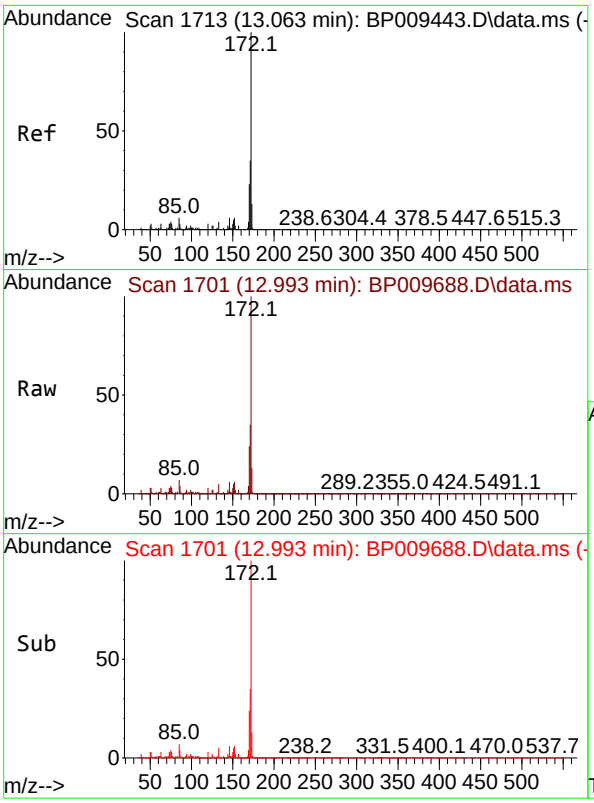


#42
2,4,6-Tribromophenol
Concen: 117.169 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:330 Resp: 1094878

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.0	27.6	41.4



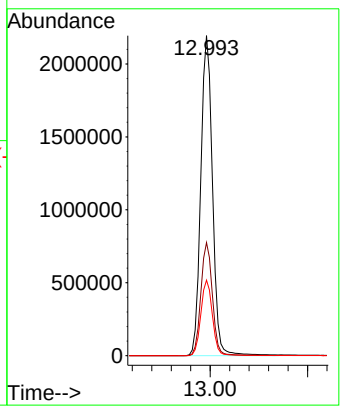


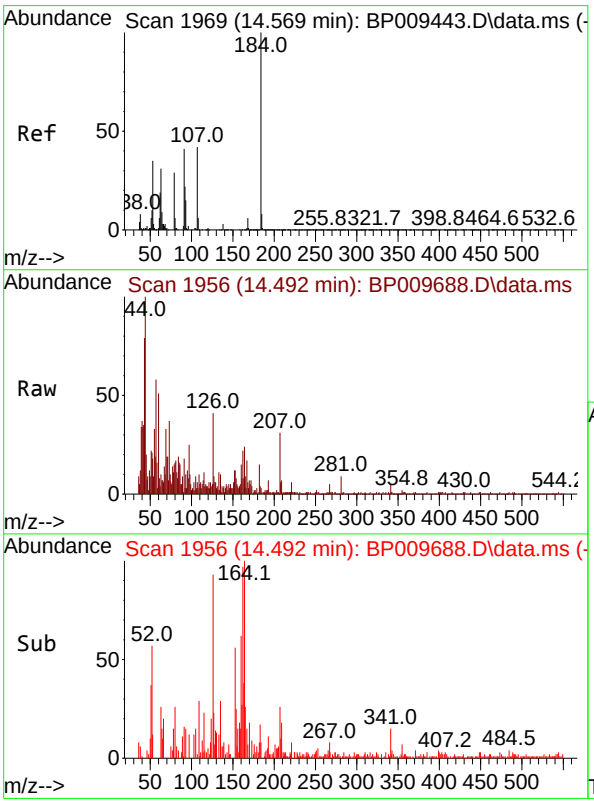
#45
2-Fluorobiphenyl
Concen: 89.611 ng
RT: 12.993 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:172 Resp: 3660396

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.0	42.0
170	23.6	18.6	27.8

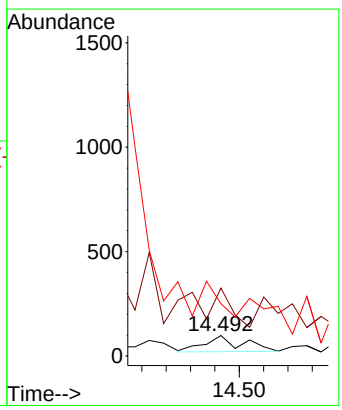


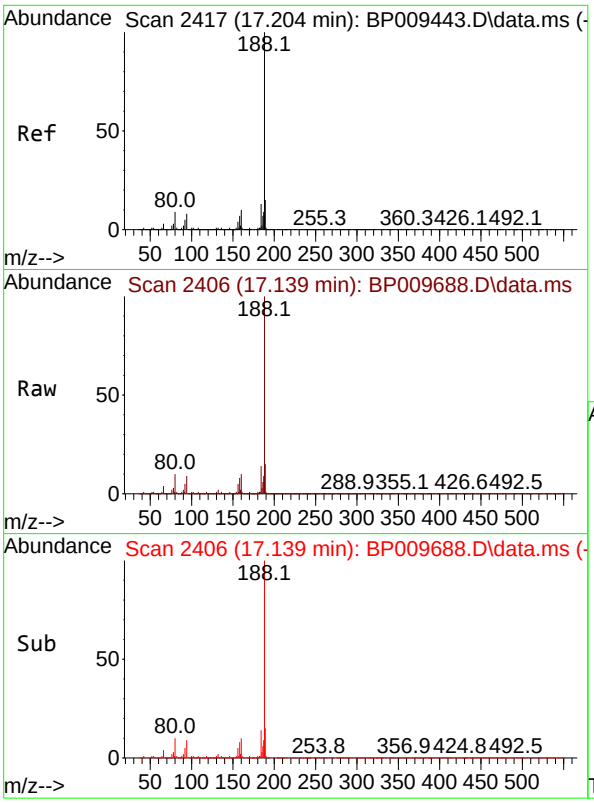


#54
2,4-Dinitrophenol
Concen: 4.547 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.035 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:184 Resp: 84

Ion	Ratio	Lower	Upper
184	100		
63	331.6	46.3	69.5#
154	256.1	45.8	68.6#



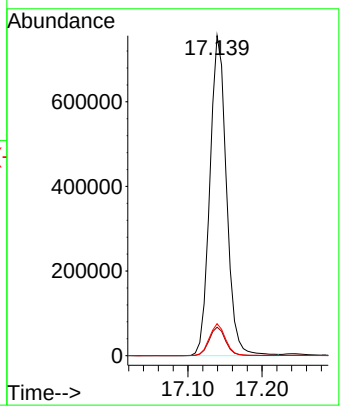


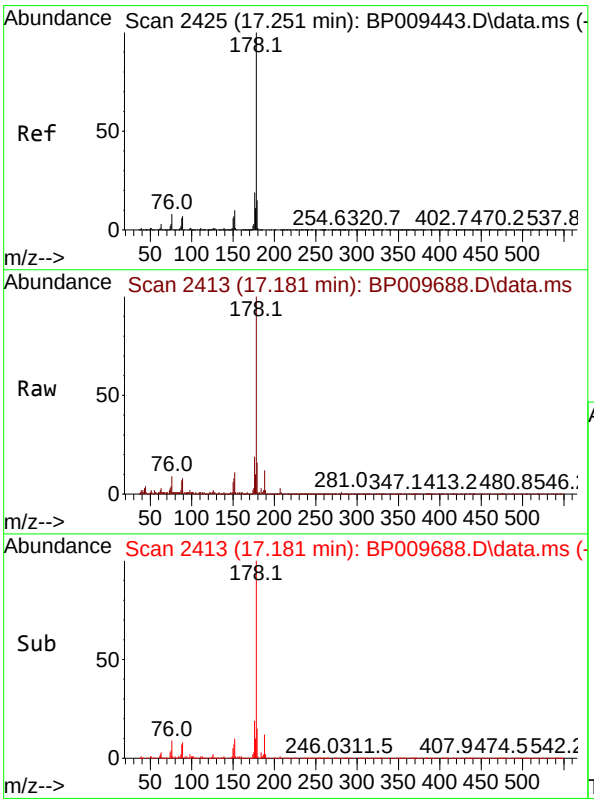
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:188 Resp: 1177531

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	10.0	8.8	13.2

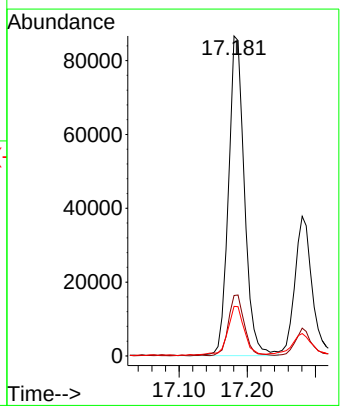


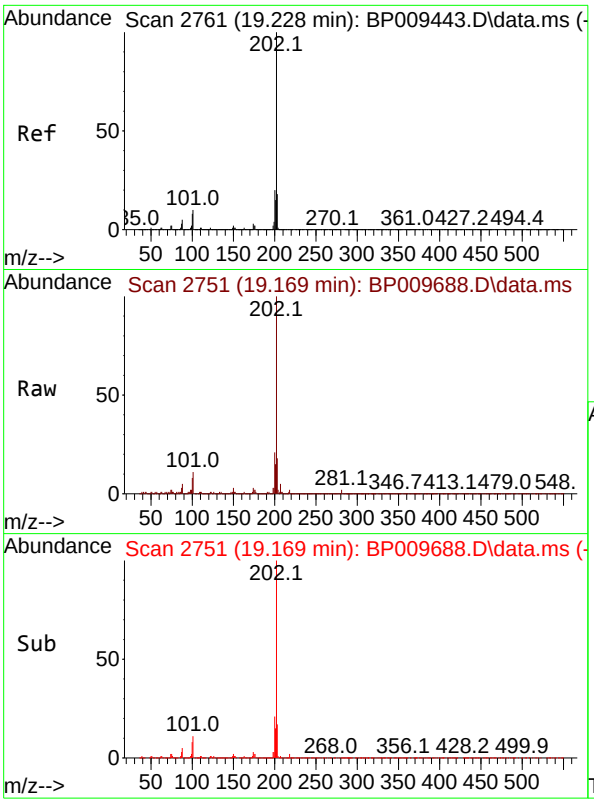


#71
Phenanthrene
Concen: 2.240 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:178 Resp: 141177

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.3	18.5



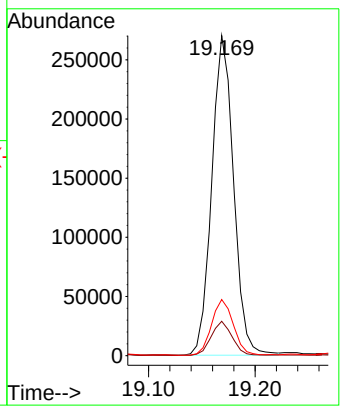


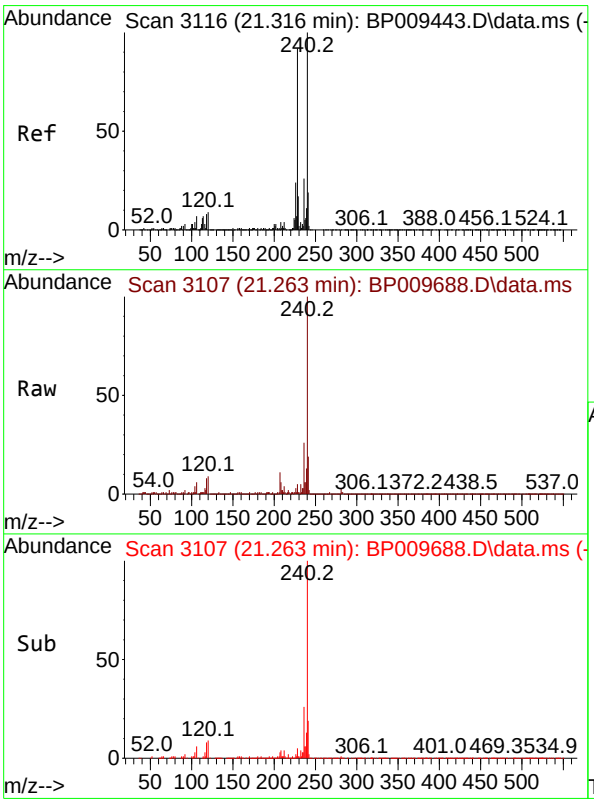
#75
Fluoranthene
Concen: 5.032 ng
RT: 19.169 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:202 Resp: 384009

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	17.5	0.0	37.8

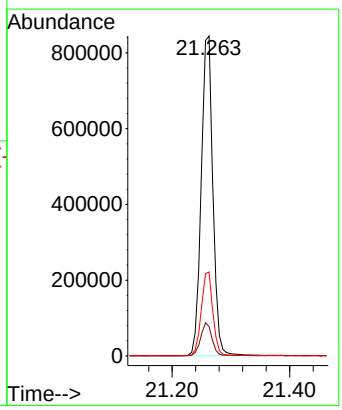


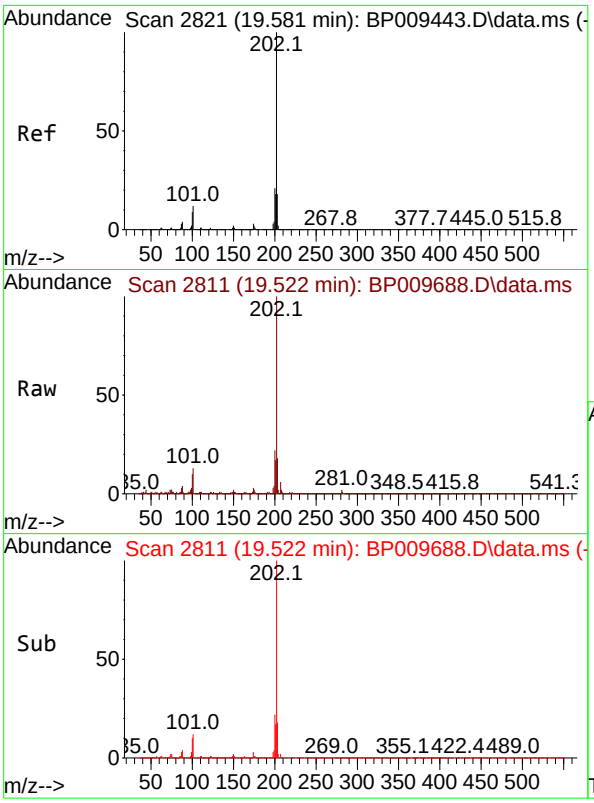


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:240 Resp: 1164809

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.0	13.4
236	26.2	20.6	30.8



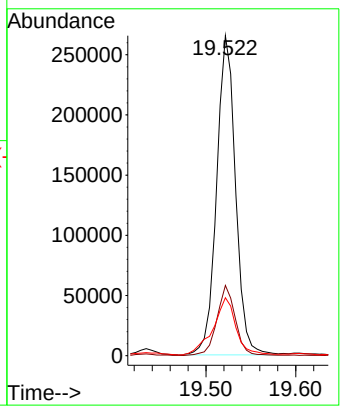


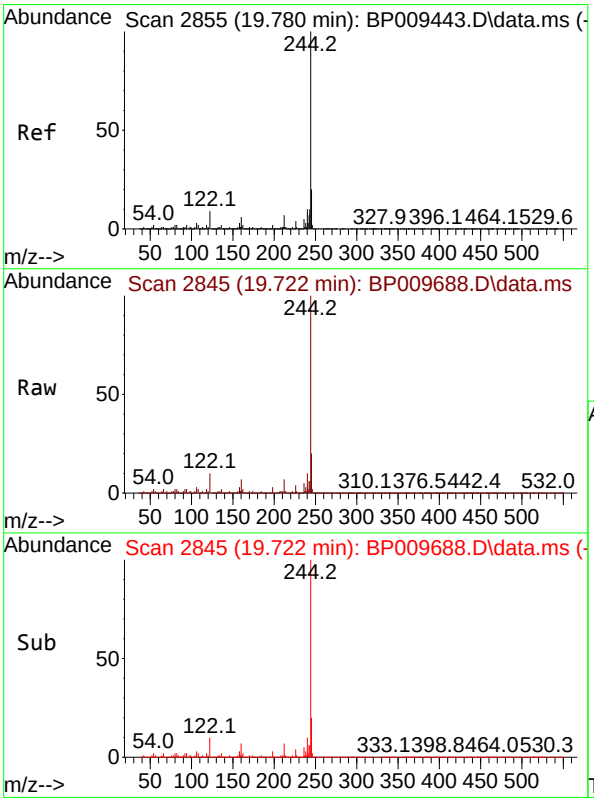
#78
Pyrene
Concen: 5.068 ng
RT: 19.522 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:202 Resp: 388961

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.8	25.2
203	18.1	14.2	21.4

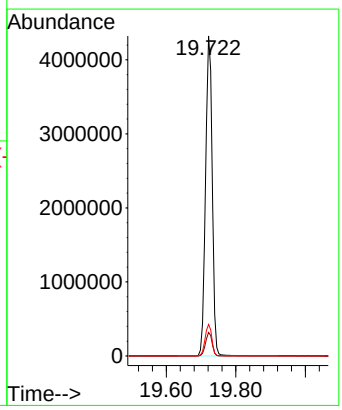


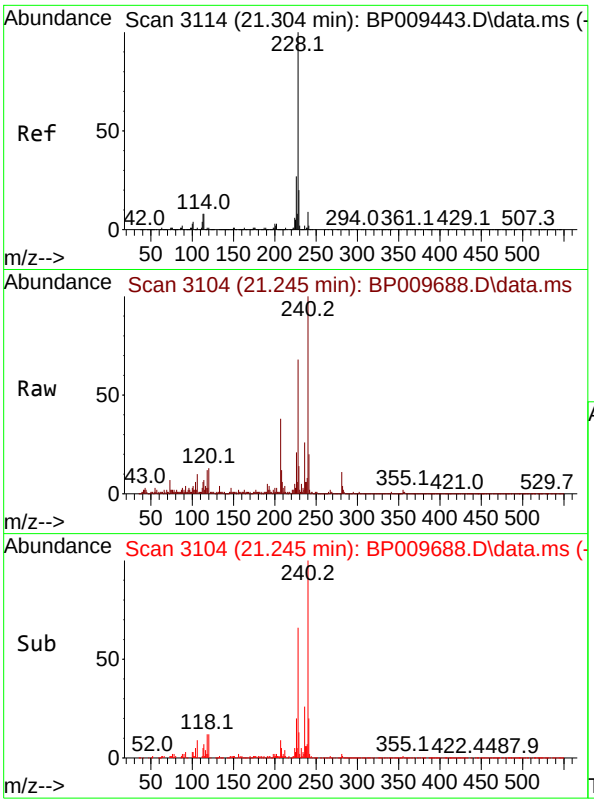


#79
Terphenyl-d14
Concen: 88.110 ng
RT: 19.722 min Scan# 2845
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:244 Resp: 5717943

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	9.9	8.3	12.5



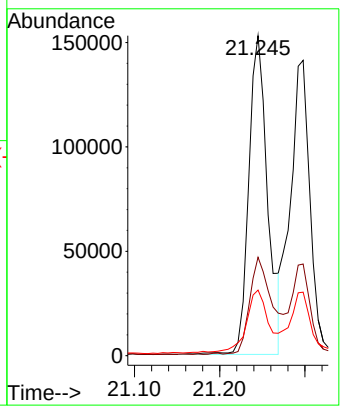


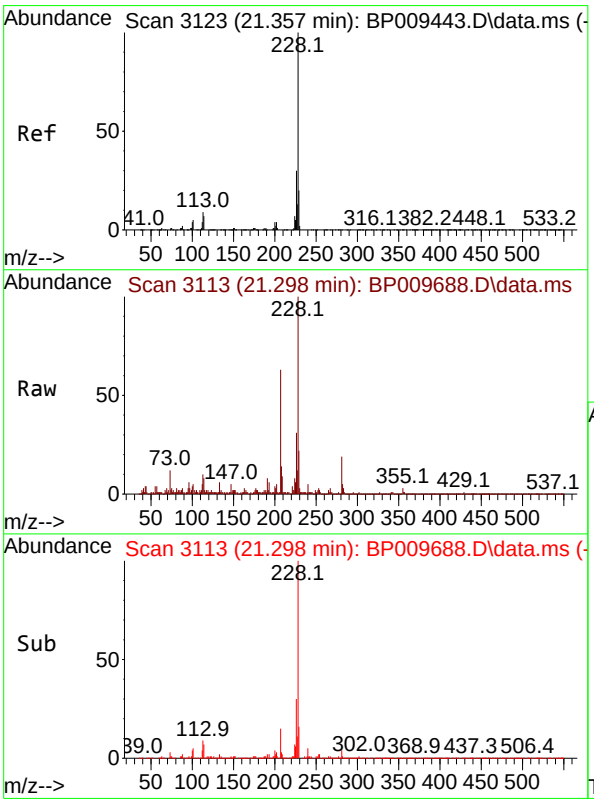
#81
Benzo(a)anthracene
Concen: 3.068 ng
RT: 21.245 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:228 Resp: 234809

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.0	33.0
229	20.5	16.1	24.1

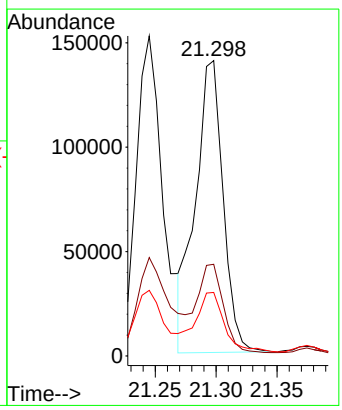


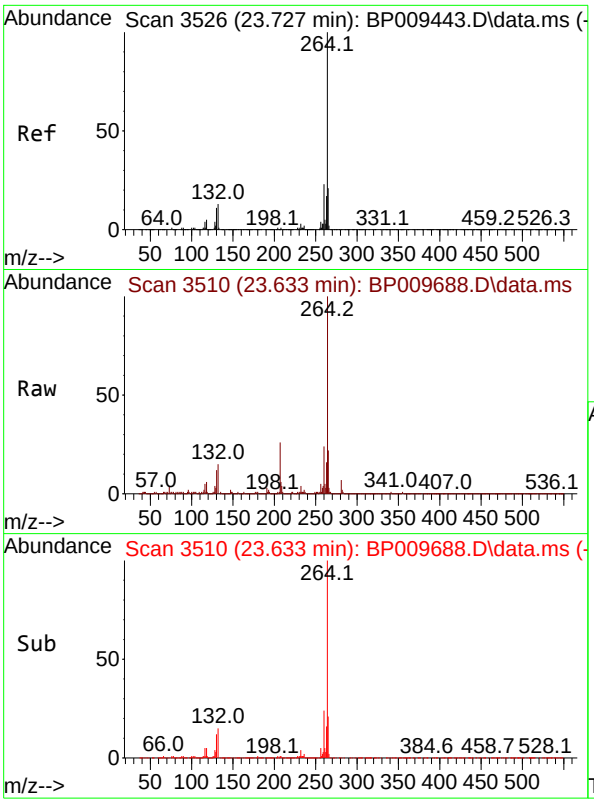


#83
Chrysene
Concen: 3.062 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:228 Resp: 221918

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	21.5	16.1	24.1



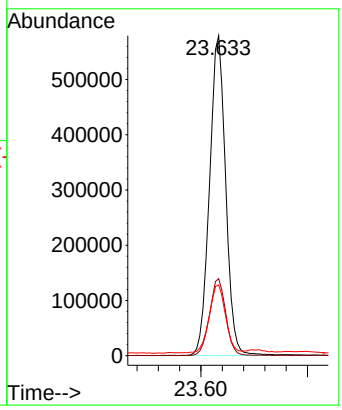


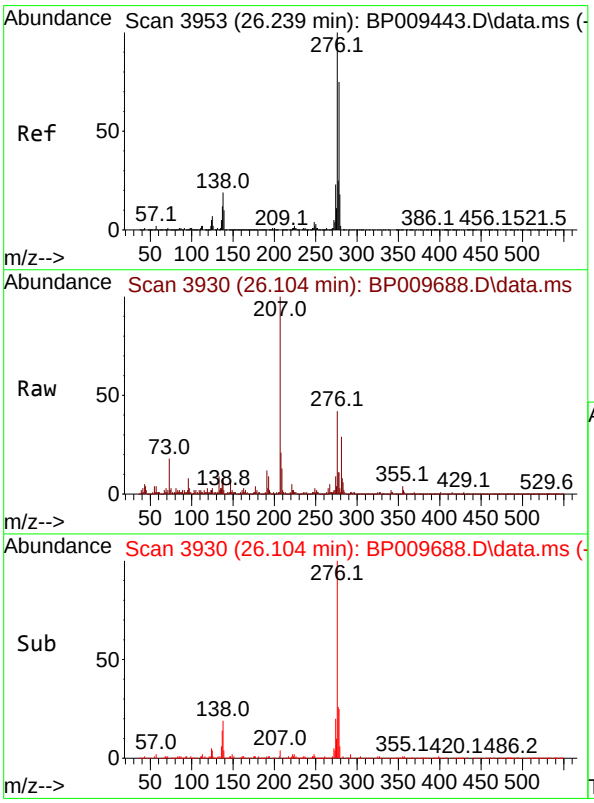
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:264 Resp: 1218222

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.1	17.2	25.8

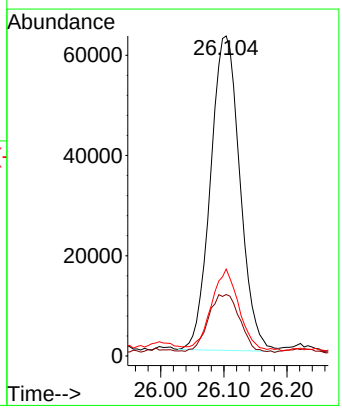


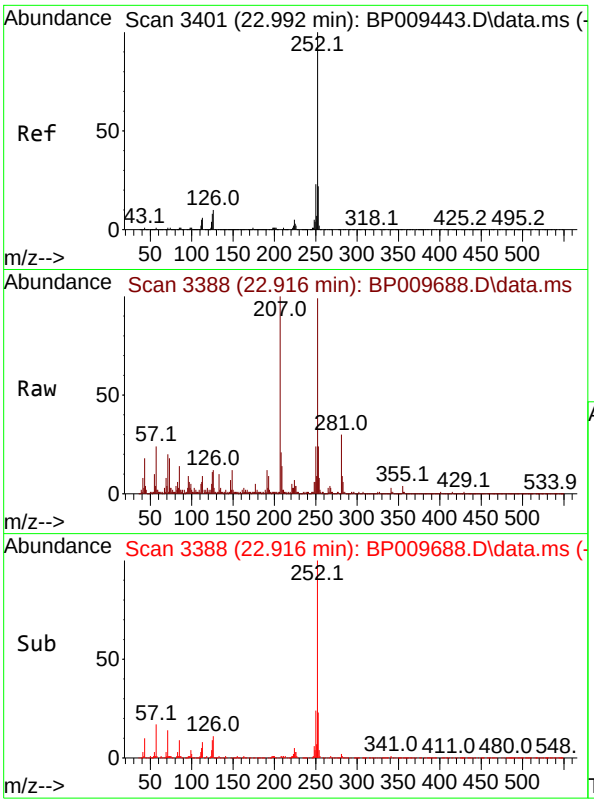


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.198 ng
RT: 26.104 min Scan# 3930
Delta R.T. -0.035 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:276 Resp: 203130

Ion	Ratio	Lower	Upper
276	100		
138	19.9	20.5	30.7#
277	24.8	20.4	30.6



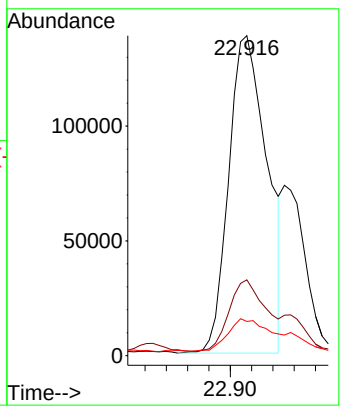


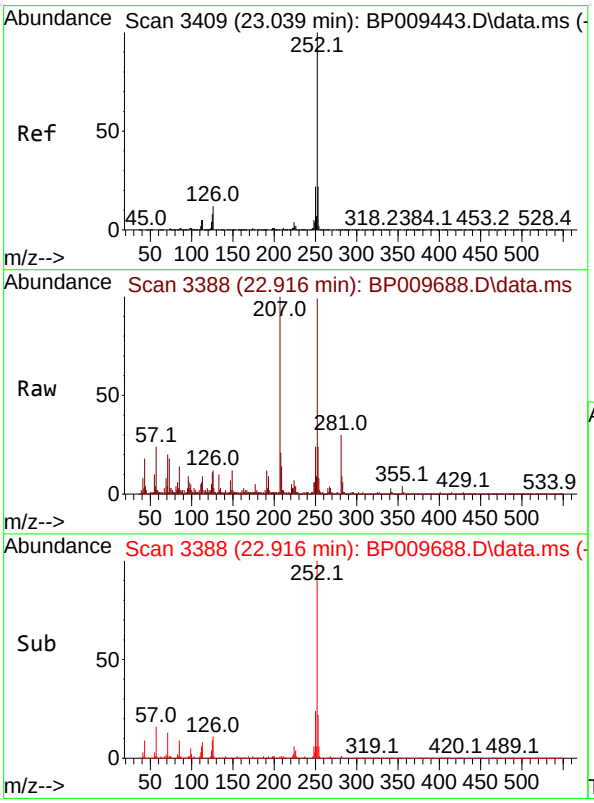
#88
Benzo(b)fluoranthene
Concen: 4.769 ng
RT: 22.916 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:252 Resp: 346856

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	10.7	8.1	12.1

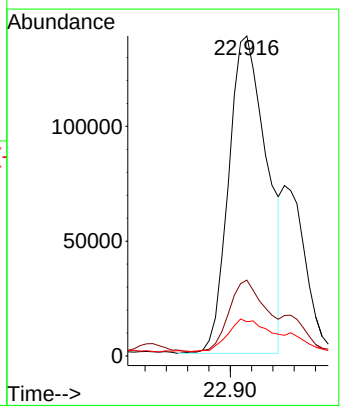


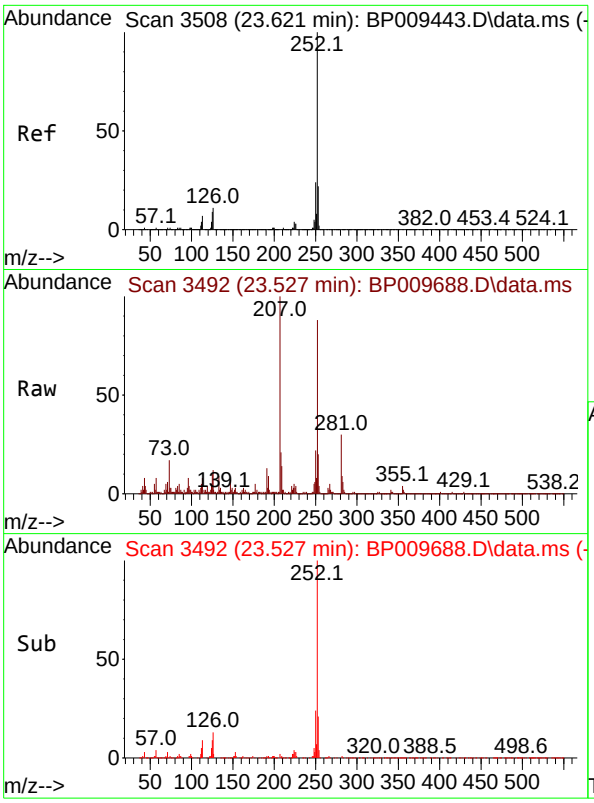


#89
Benzo(k)fluoranthene
Concen: 4.871 ng
RT: 22.916 min Scan# 3388
Delta R.T. -0.065 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:252 Resp: 346856

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	10.7	8.3	12.5



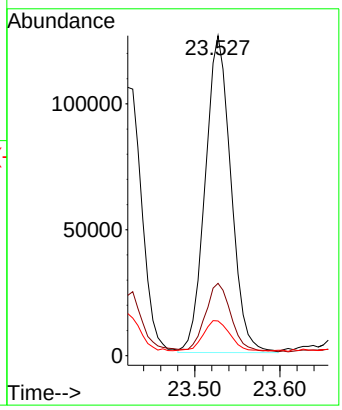


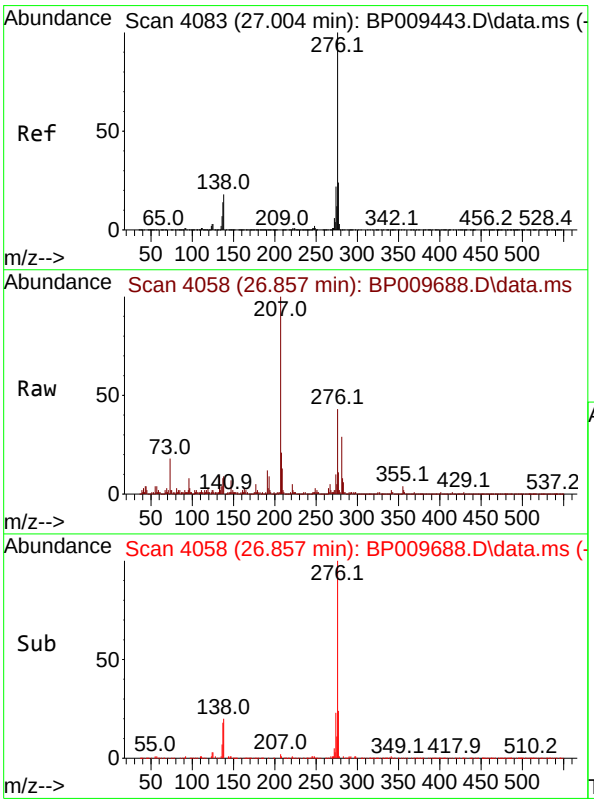
#90
Benzo(a)pyrene
Concen: 4.244 ng
RT: 23.527 min Scan# 34
Delta R.T. -0.023 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Instrument :
BNA_P
ClientSampleId :
72-11966

Tgt Ion:252 Resp: 264096

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	10.8	9.3	13.9





#92
Benzo(g,h,i)perylene
Concen: 3.022 ng
RT: 26.857 min Scan# 4058
Delta R.T. -0.041 min
Lab File: BP009688.D
Acq: 04 Apr 2022 20:22

Tgt Ion:276 Resp: 228982

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.2	28.8
138	20.9	18.0	27.0