Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009664.D
Acq On : 01 Apr 2022 18:38
Operator : CG/JU
Sample : N2220-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A10015

Quant Time: Apr 01 22:45:18 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	249418	20.000	ng		-0.01
21) Naphthalene-d8	10.516	136	1009765	20.000	ng		-0.02
39) Acenaphthene-d10	14.375	164	632758	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1338807	20.000	ng		-0.02
76) Chrysene-d12	21.263	240	1387316	20.000	ng		-0.01
86) Perylene-d12	23.639	264	1494915	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1464240	102.497	ng		-0.01
7) Phenol-d6	6.922	99	1895032	98.090	ng		-0.01
23) Nitrobenzene-d5	8.887	82	1347534	70.916	ng		-0.01
42) 2,4,6-Tribromophenol	15.881	330	803218	76.925	ng		-0.01
45) 2-Fluorobiphenyl	12.998	172	3021139	66.189	ng		-0.01
79) Terphenyl-d14	19.727	244	4658059	60.265	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.887	77	4431	Below Cal		#	80
31) Naphthalene	10.569	128	131955	2.537	ng		99
37) 2-Methylnaphthalene	12.193	142	154201	4.225	ng		97
38) 1-Methylnaphthalene	12.410	142	154694	4.351	ng		99
41) Hexachlorocyclopentadiene	12.281	237	38	7.292	ng		88
54) 2,4-Dinitrophenol	14.522	184	58	4.541	ng	#	1
71) Phenanthrene	17.186	178	862418	12.034	ng		100
72) Anthracene	17.281	178	142116	2.008	ng		97
75) Fluoranthene	19.169	202	1342070	15.468	ng		99
78) Pyrene	19.522	202	1176639	12.871	ng		99
81) Benzo(a)anthracene	21.245	228	740524	8.125	ng		98
83) Chrysene	21.298	228	737893	8.550	ng		98
87) Indeno(1,2,3-cd)pyrene	26.104	276	412756	3.639	ng	#	94
88) Benzo(b)fluoranthene	22.916	252	1244927	13.950	ng		99
89) Benzo(k)fluoranthene	22.916	252	1245057	14.249	ng		98
90) Benzo(a)pyrene	23.533	252	611015	8.002	ng		99
92) Benzo(g,h,i)perylene	26.862	276	413845	4.451	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009664.D
Acq On : 01 Apr 2022 18:38
Operator : CG/JU
Sample : N2220-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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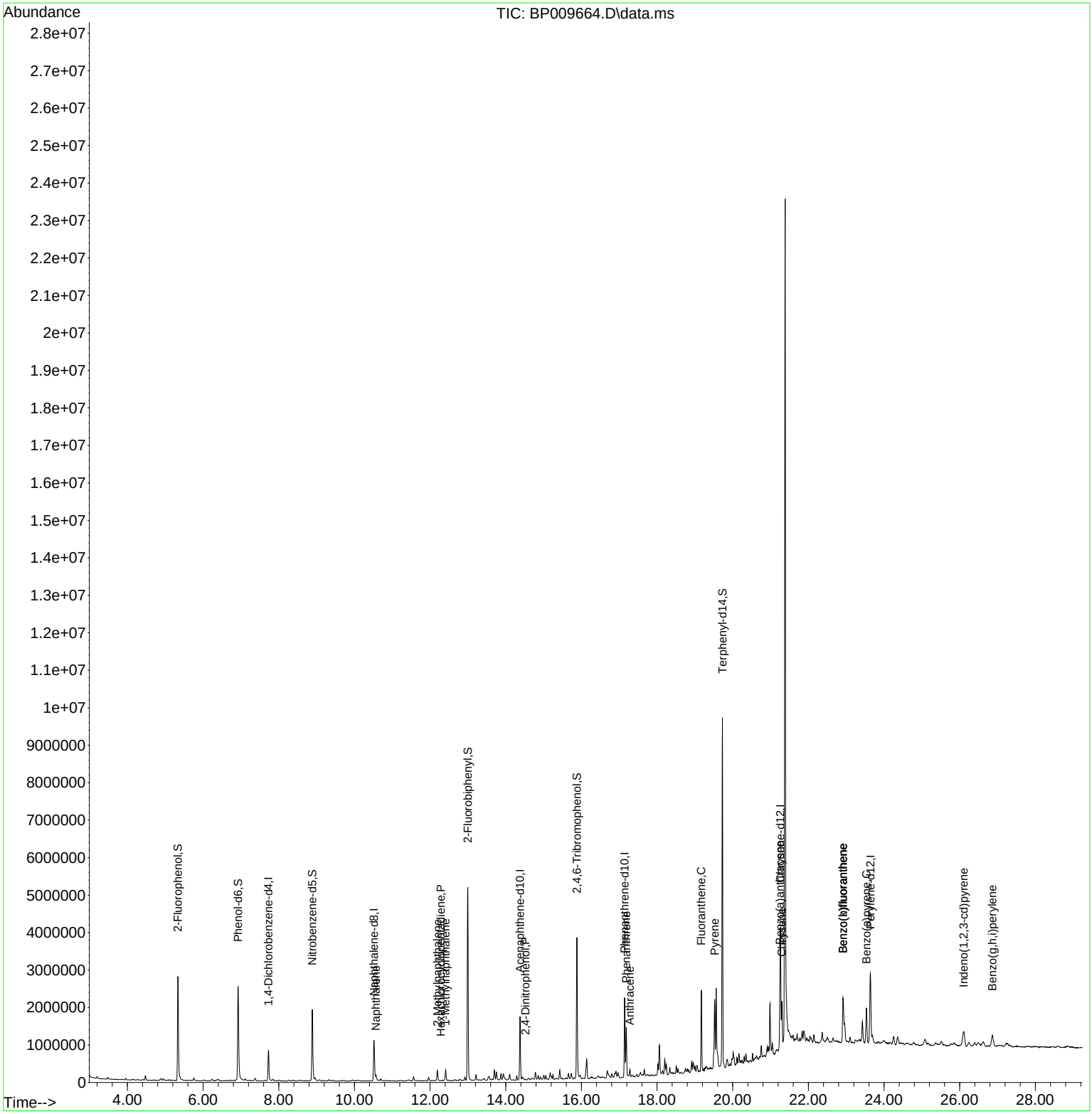
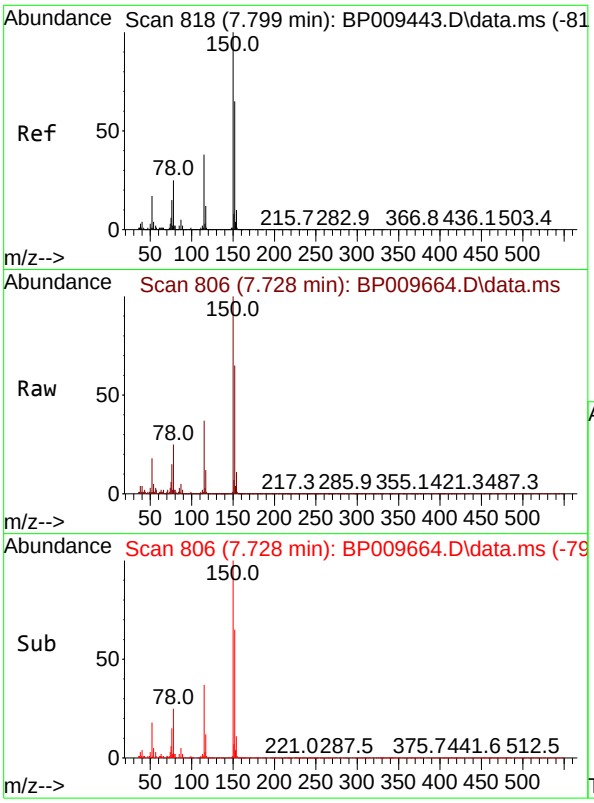


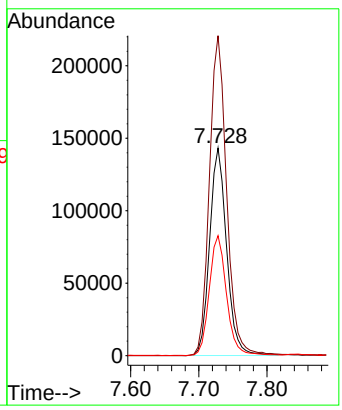


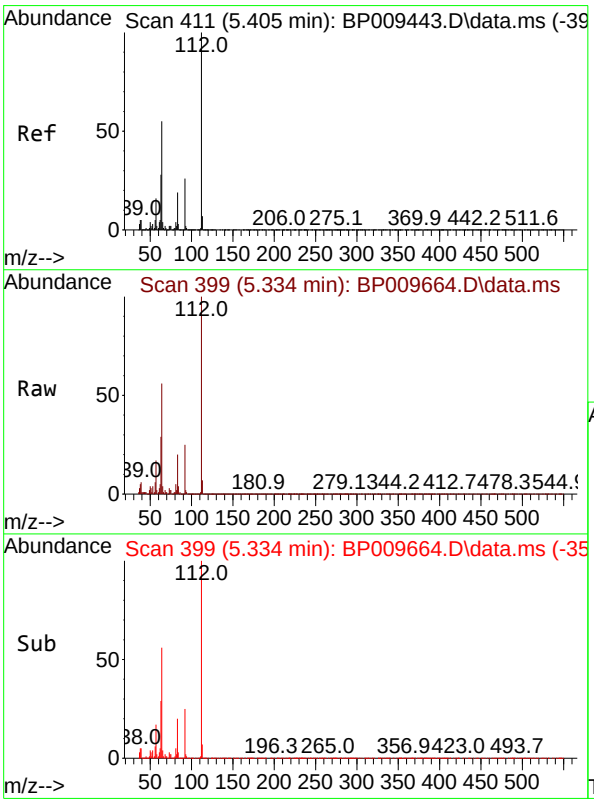
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:152 Resp: 249418

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.5	186.7
115	57.8	48.2	72.4

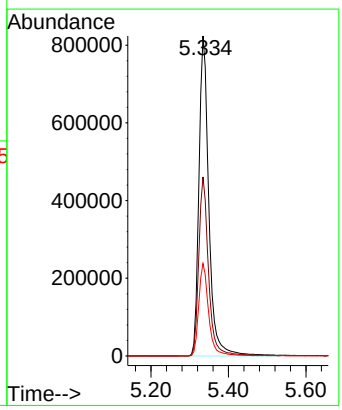


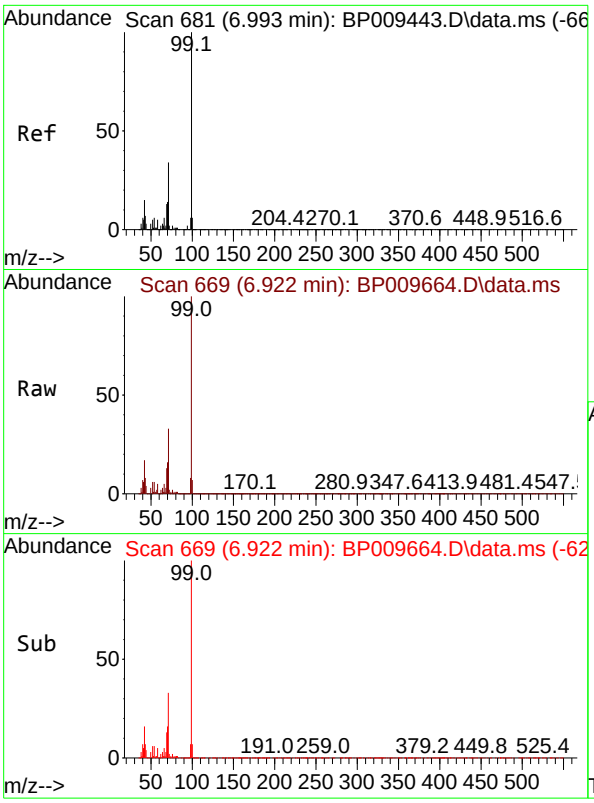


#5
2-Fluorophenol
Concen: 102.497 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:112 Resp: 1464240

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.0	67.4
63	28.9	23.0	34.6



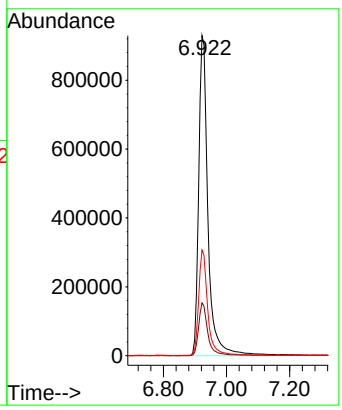


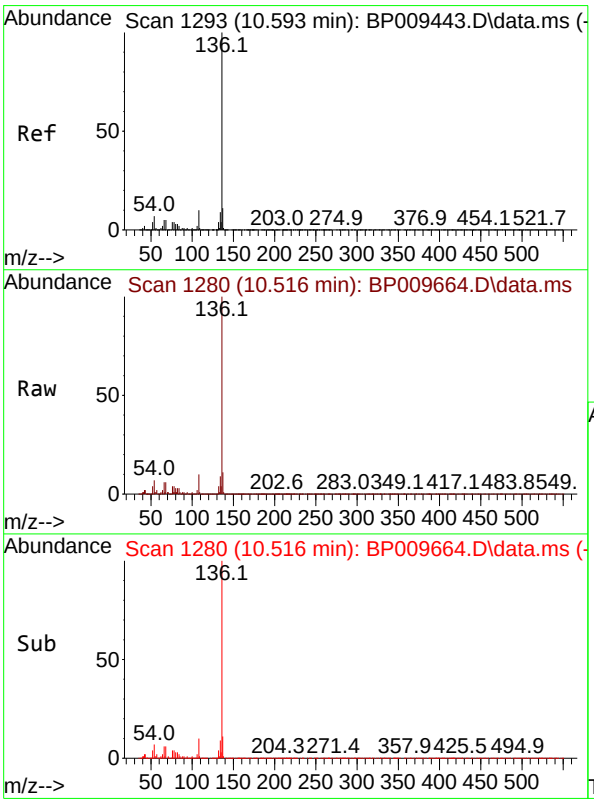
#7
Phenol-d6
Concen: 98.090 ng
RT: 6.922 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion: 99 Resp: 1895032

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.8	19.2
71	33.0	26.3	39.5

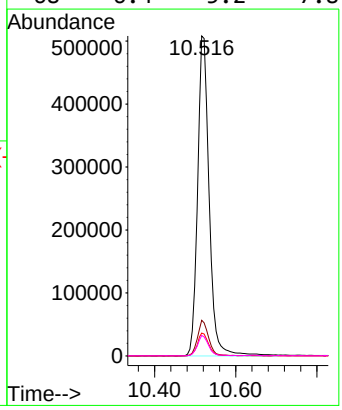


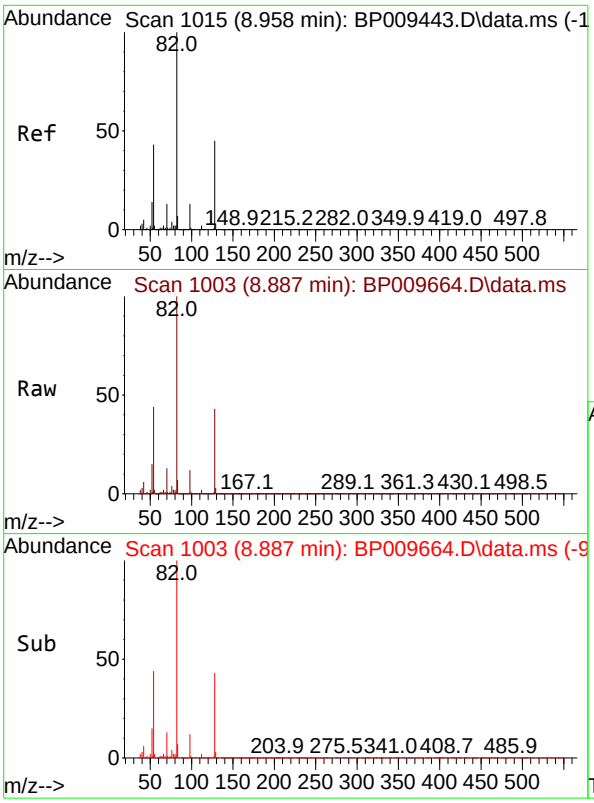


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:136 Resp: 1009765

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.2	5.8	8.8
68	6.4	5.2	7.8



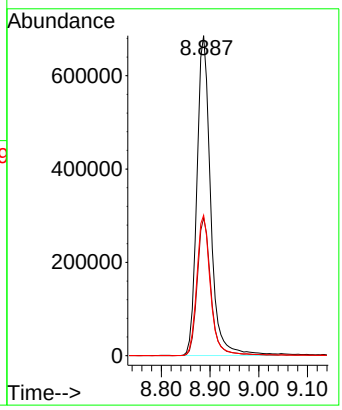


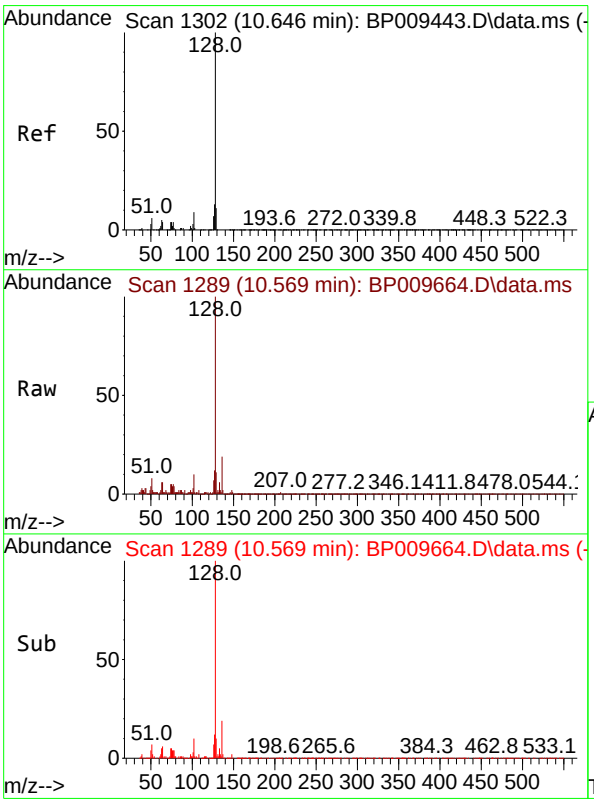
#23
Nitrobenzene-d5
Concen: 70.916 ng
RT: 8.887 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion: 82 Resp: 1347534

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.2	51.4
54	43.9	34.7	52.1

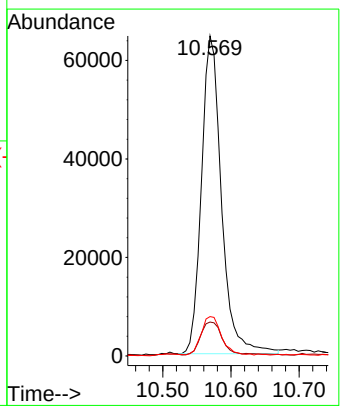


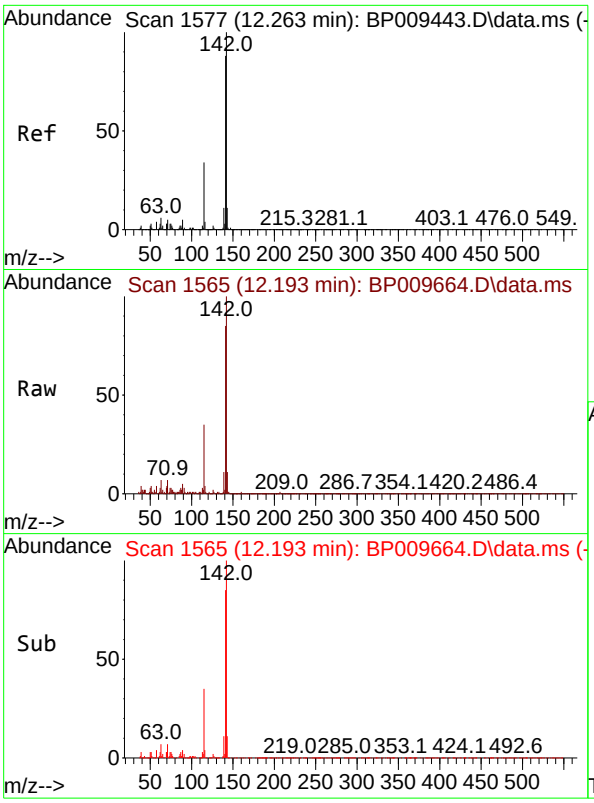


#31
Naphthalene
Concen: 2.537 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:128 Resp: 131955

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	12.3	10.5	15.7



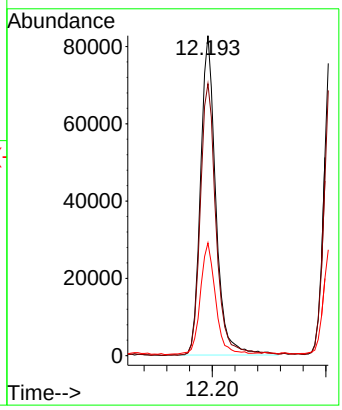


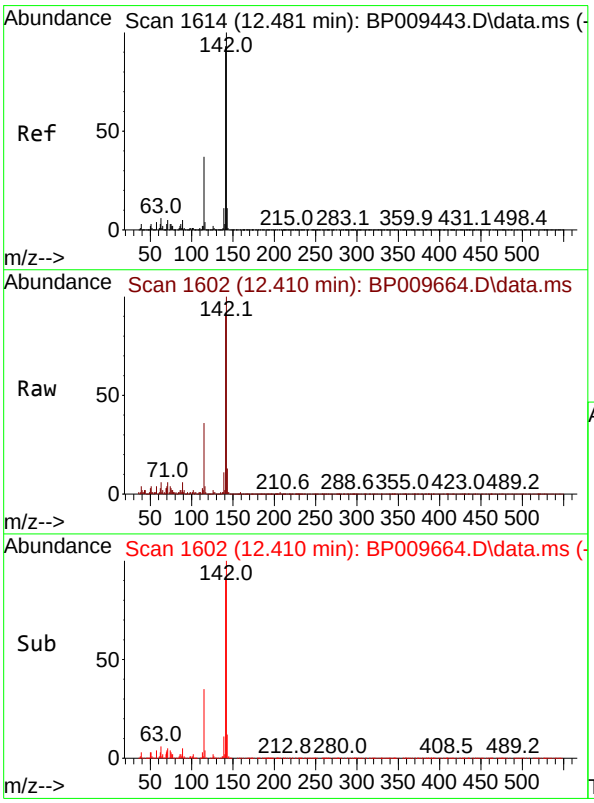
#37
2-Methylnaphthalene
Concen: 4.225 ng
RT: 12.193 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:142 Resp: 154201

Ion	Ratio	Lower	Upper
142	100		
141	85.0	70.2	105.4
115	35.3	27.4	41.2

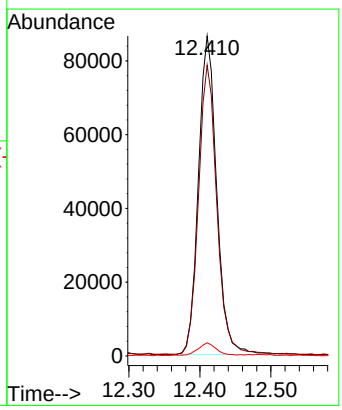


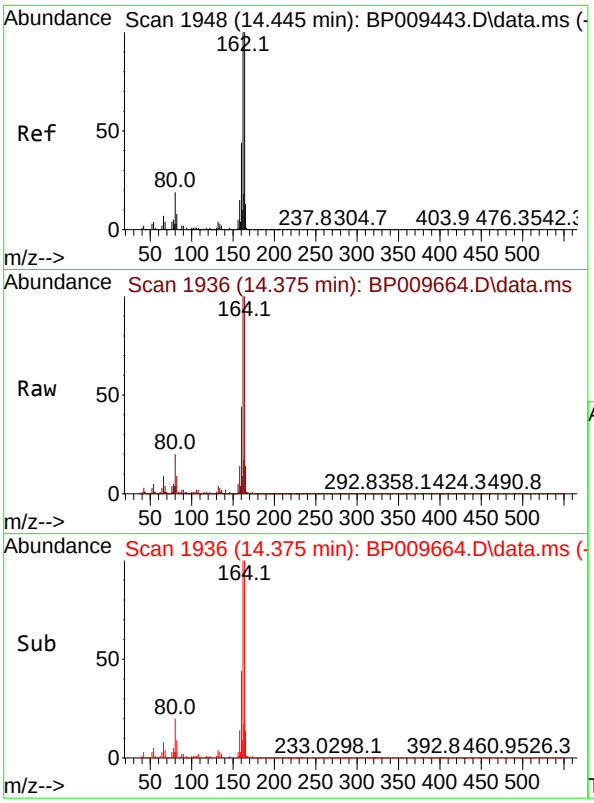


#38
1-Methylnaphthalene
Concen: 4.351 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:142 Resp: 154694

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.5	110.3
116	4.1	3.3	4.9



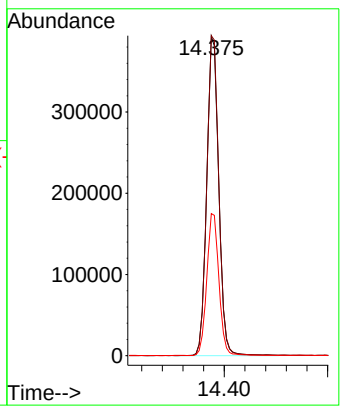


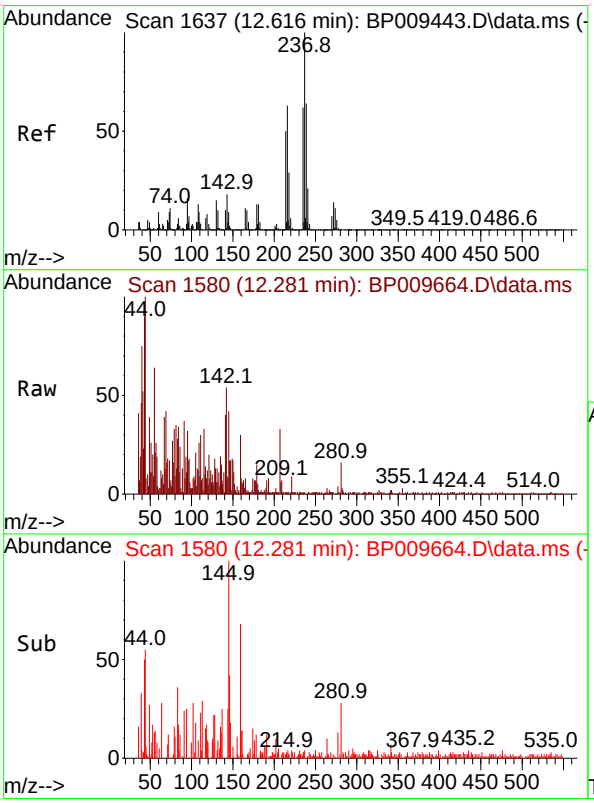
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:164 Resp: 632758

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.1	118.7
160	44.5	34.9	52.3

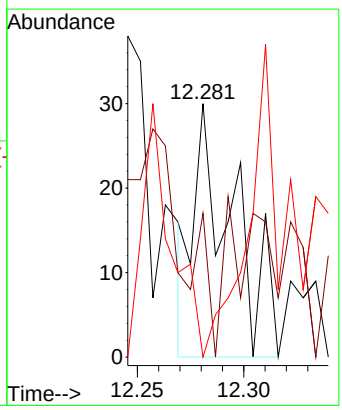


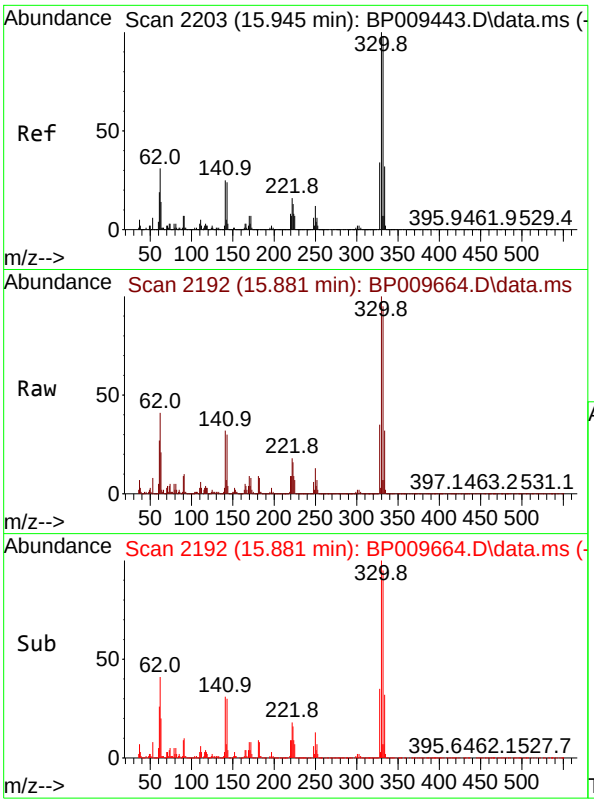


#41
Hexachlorocyclopentadiene
Concen: 7.292 ng
RT: 12.281 min Scan# 1580
Delta R.T. -0.276 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:237 Resp: 38

Ion	Ratio	Lower	Upper
237	100		
235	56.7	42.6	82.6
272	0.0	0.0	32.8



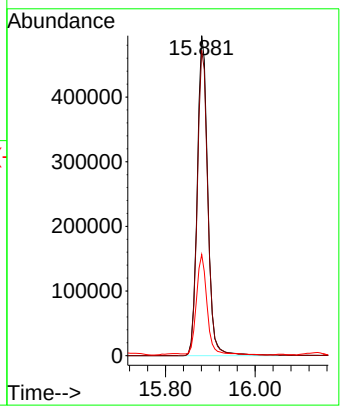


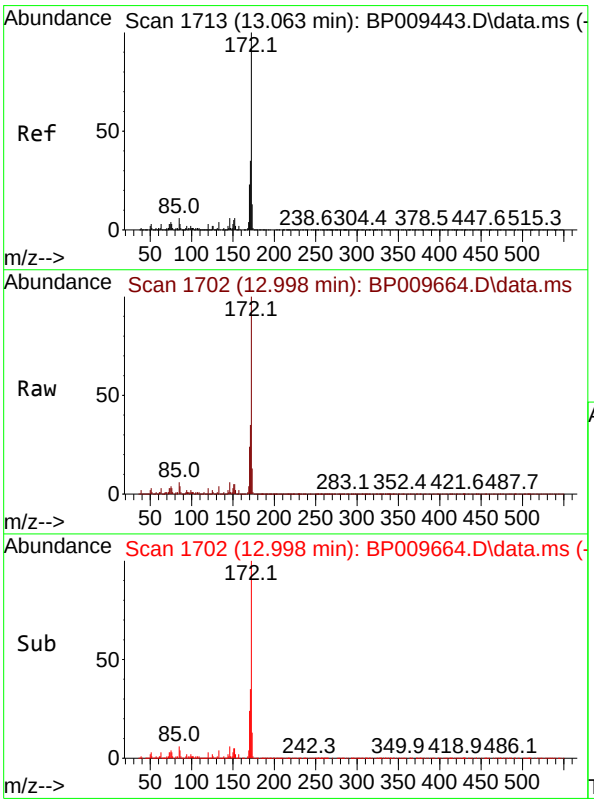
#42
2,4,6-Tribromophenol
Concen: 76.925 ng
RT: 15.881 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:330 Resp: 803218

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.2	27.6	41.4

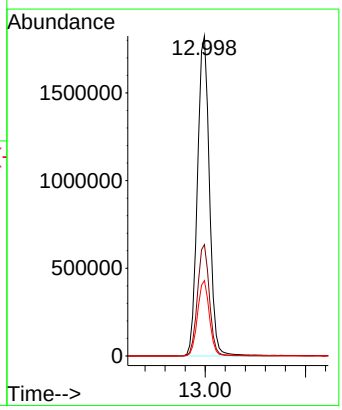


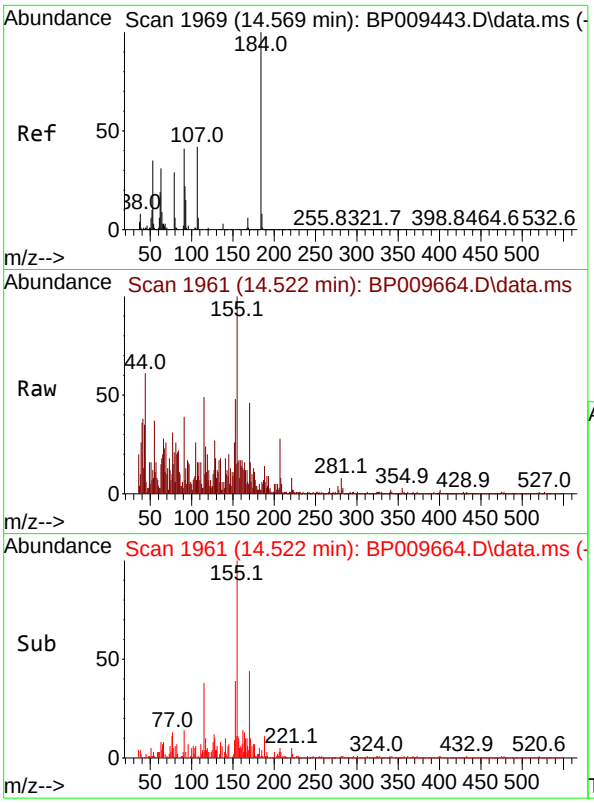


#45
2-Fluorobiphenyl
Concen: 66.189 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:172 Resp: 3021139

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.5	18.6	27.8



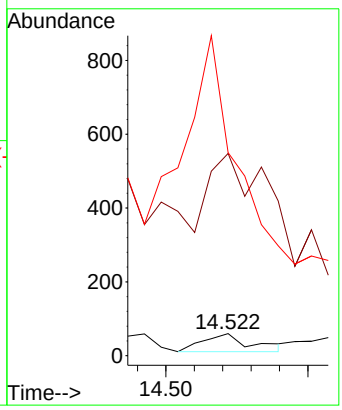


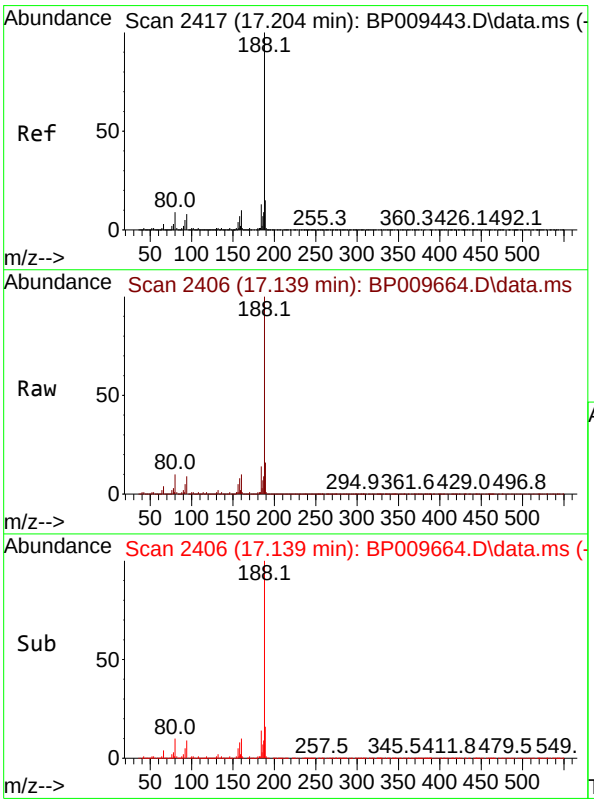
#54
2,4-Dinitrophenol
Concen: 4.541 ng
RT: 14.522 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:184 Resp: 58

Ion	Ratio	Lower	Upper
184	100		
63	913.3	46.3	69.5#
154	916.7	45.8	68.6#

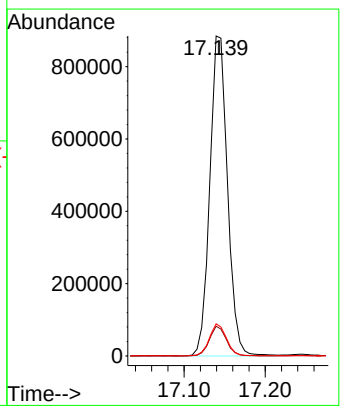


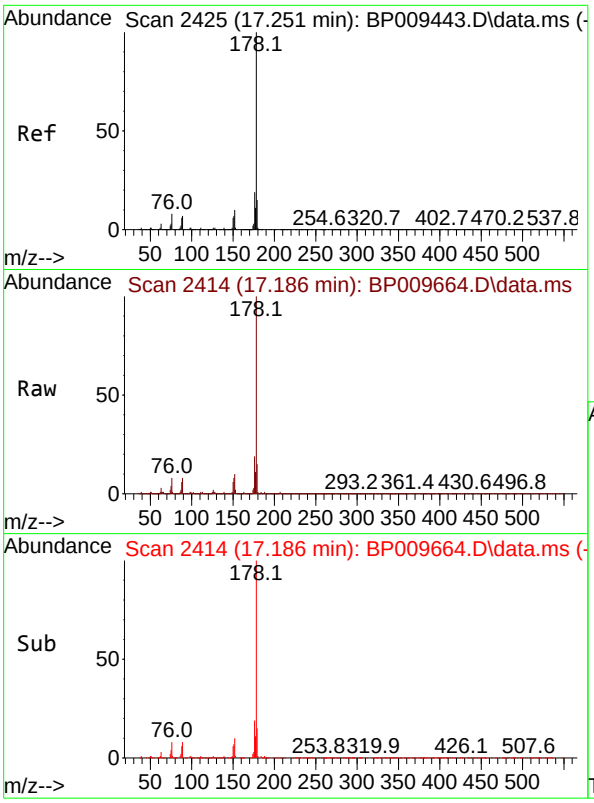


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:188 Resp: 1338807

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	10.0	8.8	13.2



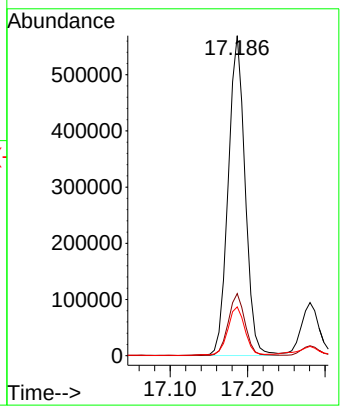


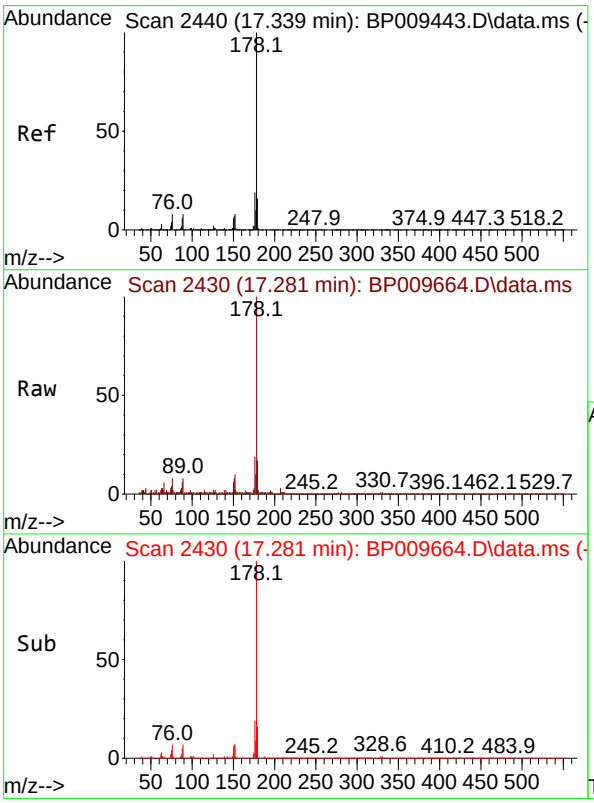
#71
Phenanthrene
Concen: 12.034 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:178 Resp: 862418

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.3	18.5

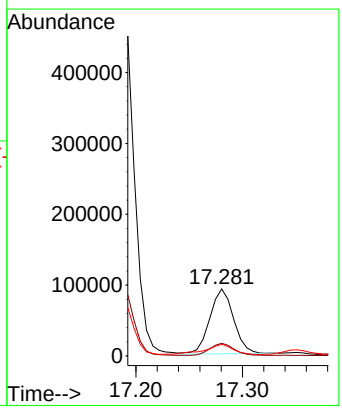


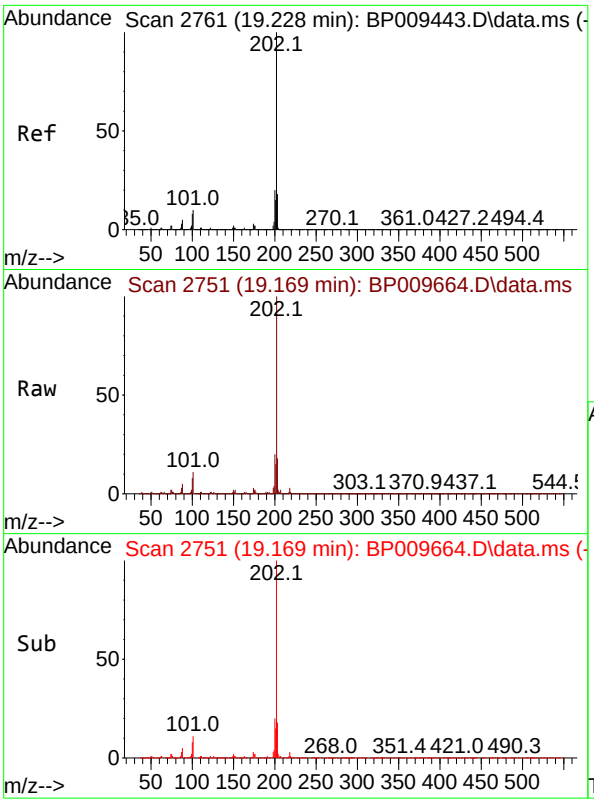


#72
Anthracene
Concen: 2.008 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:178 Resp: 142116

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	17.4	12.2	18.4



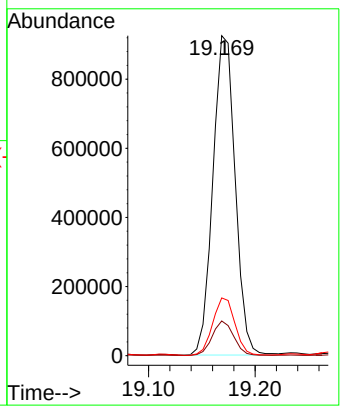


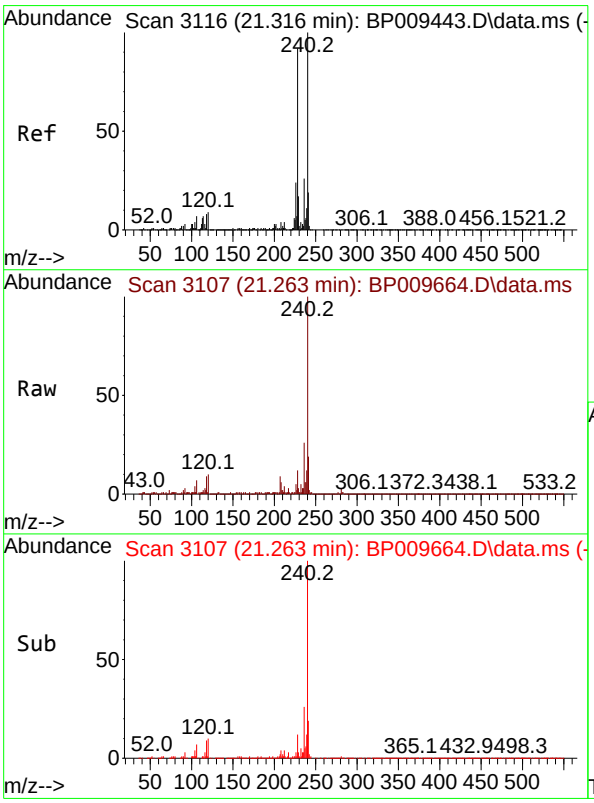
#75
Fluoranthene
Concen: 15.468 ng
RT: 19.169 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:202 Resp: 1342070

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.5
203	18.1	0.0	37.8

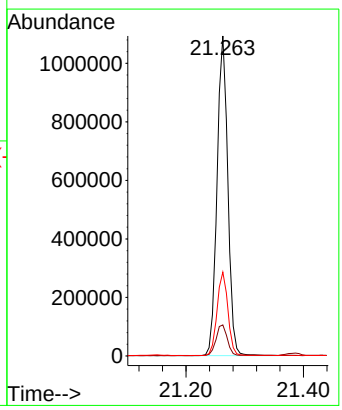


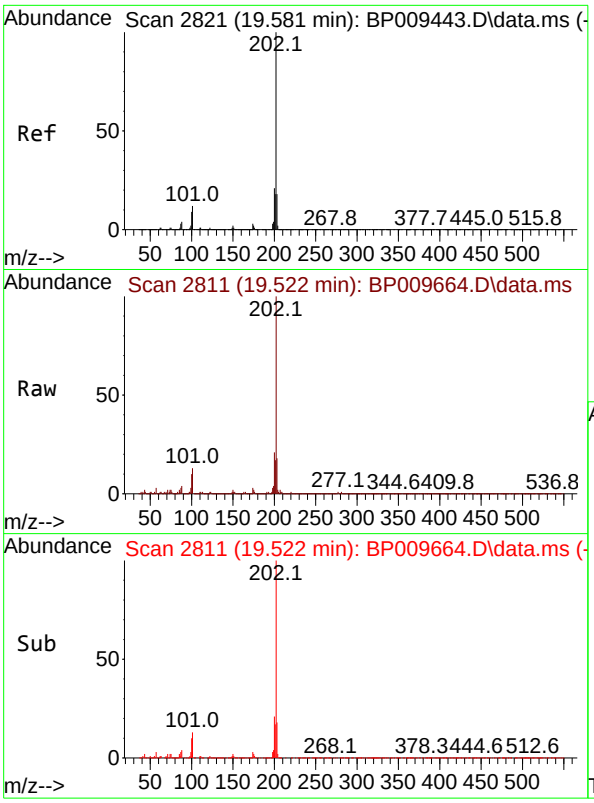


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:240 Resp: 1387316

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.0	13.4
236	26.2	20.6	30.8



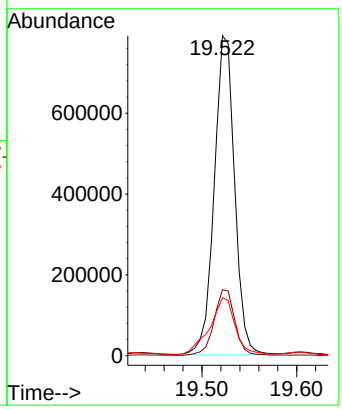


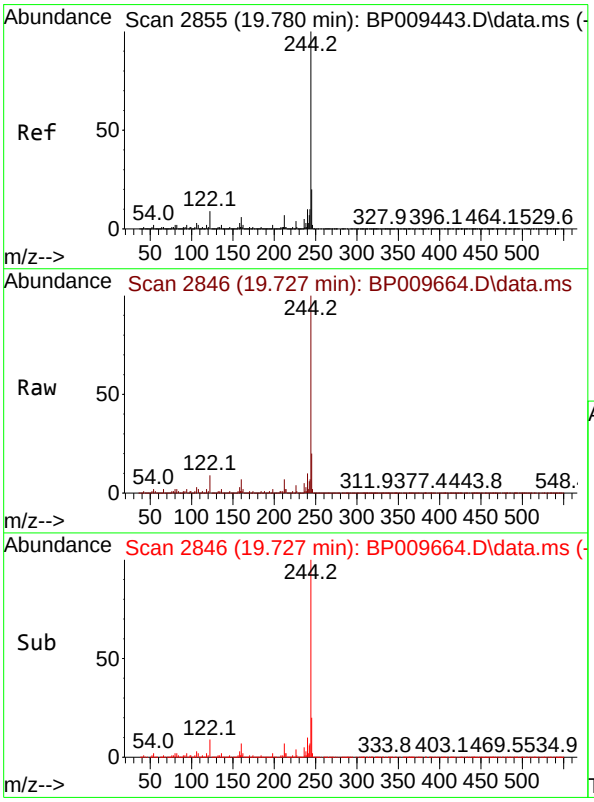
#78
Pyrene
Concen: 12.871 ng
RT: 19.522 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:202 Resp: 1176639

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	18.1	14.2	21.4

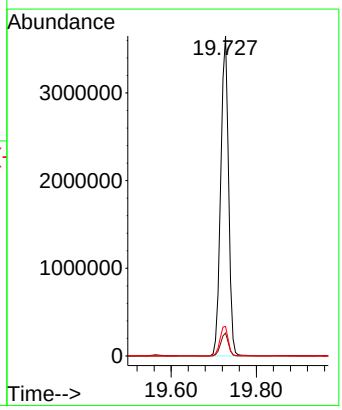


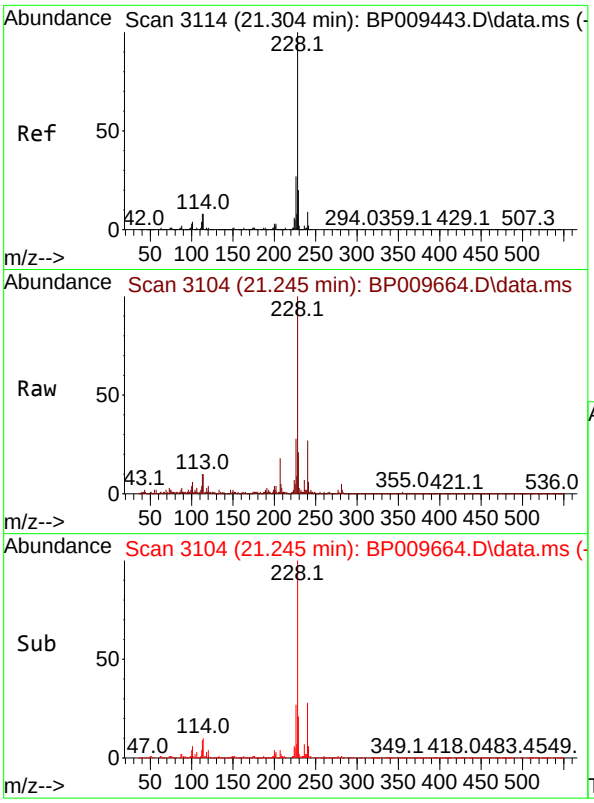


#79
Terphenyl-d14
Concen: 60.265 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:244 Resp: 4658059

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.2	8.3	12.5



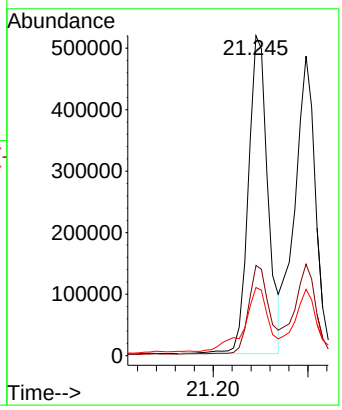


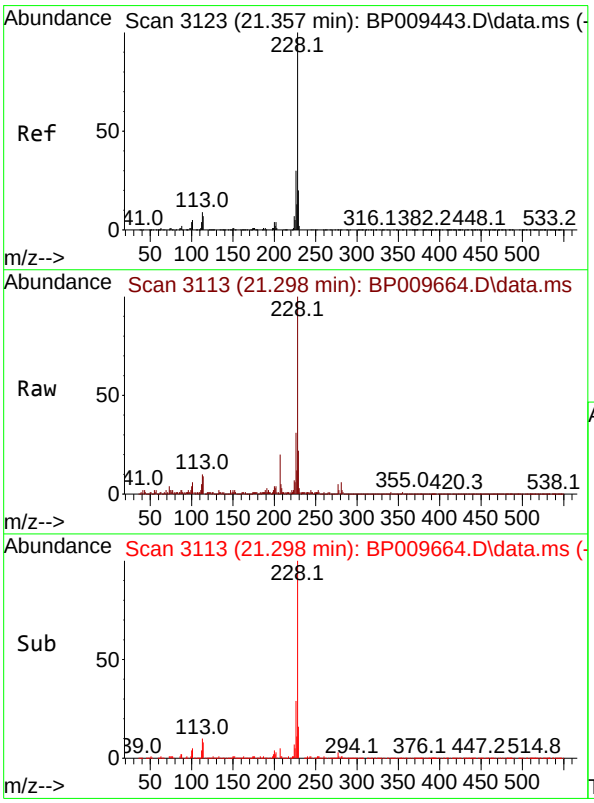
#81
Benzo(a)anthracene
Concen: 8.125 ng
RT: 21.245 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:228 Resp: 740524

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.0	33.0
229	21.3	16.1	24.1

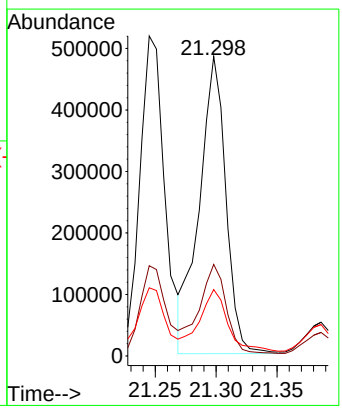


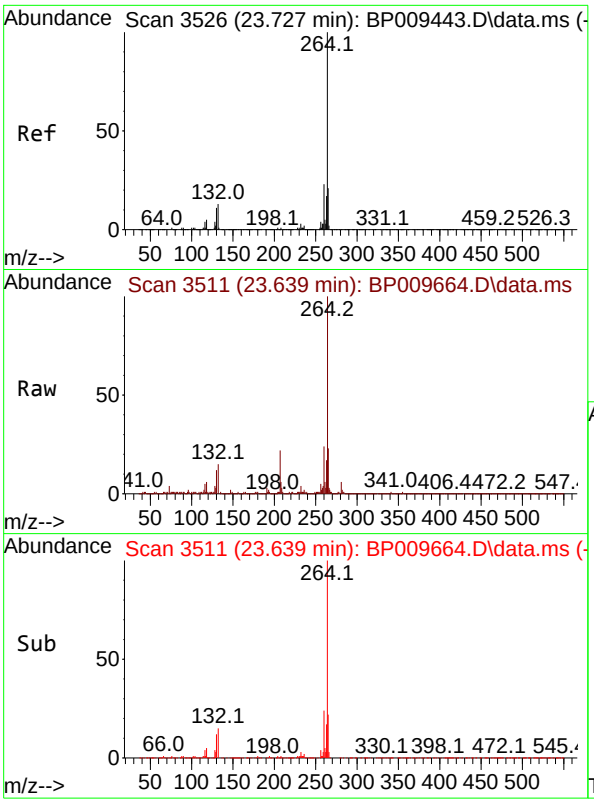


#83
Chrysene
Concen: 8.550 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:228 Resp: 737893

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	22.2	16.1	24.1



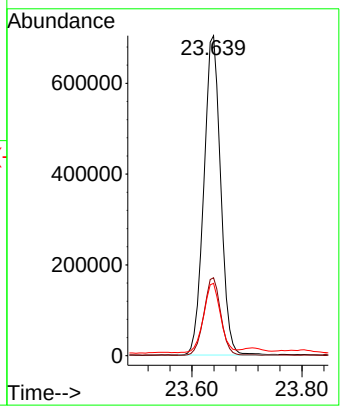


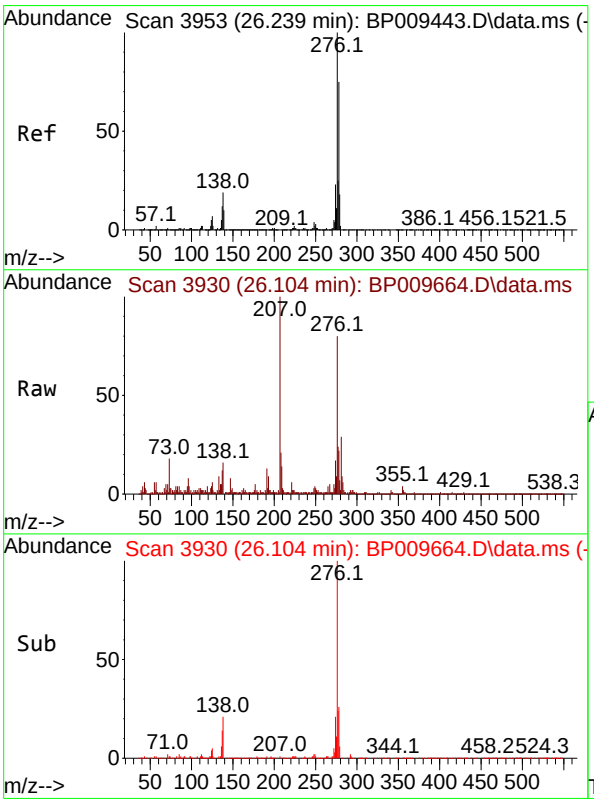
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:264 Resp: 1494915

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	22.6	17.2	25.8

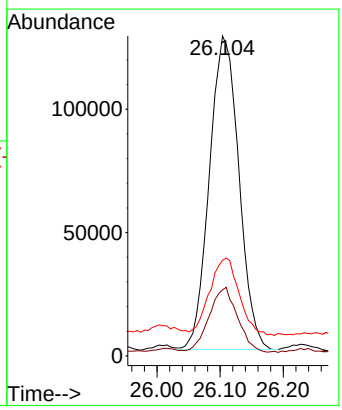


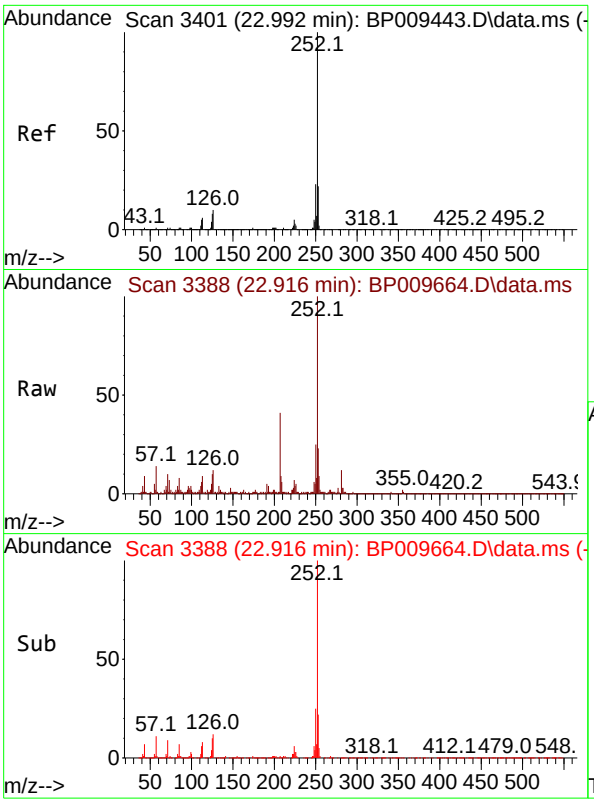


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.639 ng
RT: 26.104 min Scan# 3930
Delta R.T. -0.035 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:276 Resp: 412756

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



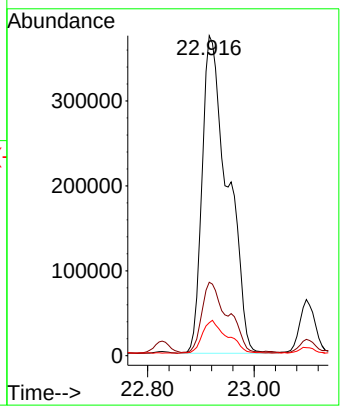


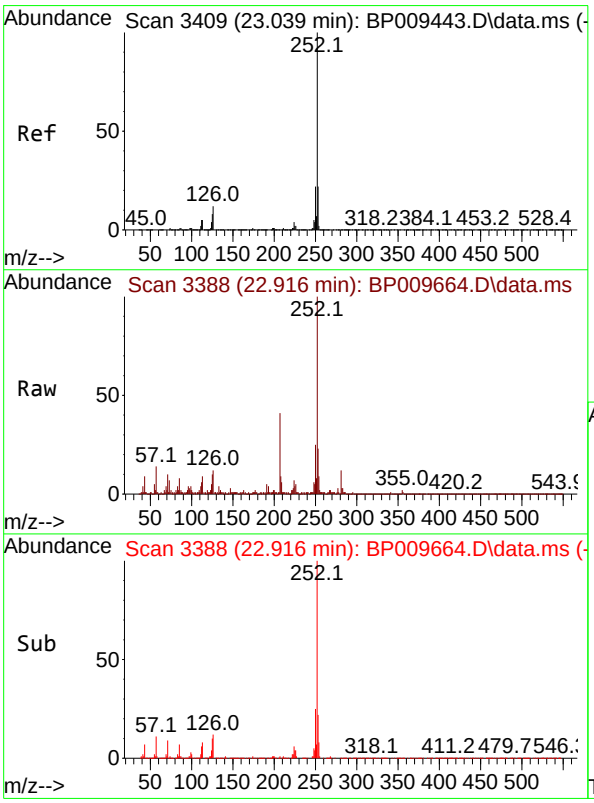
#88
Benzo(b)fluoranthene
Concen: 13.950 ng
RT: 22.916 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:252 Resp: 1244927

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	10.3	8.1	12.1

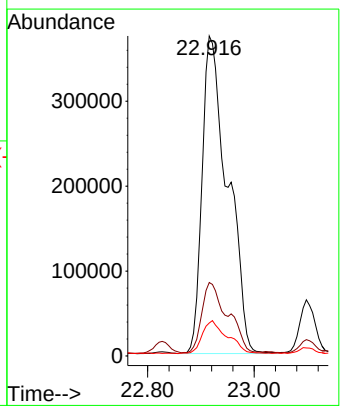


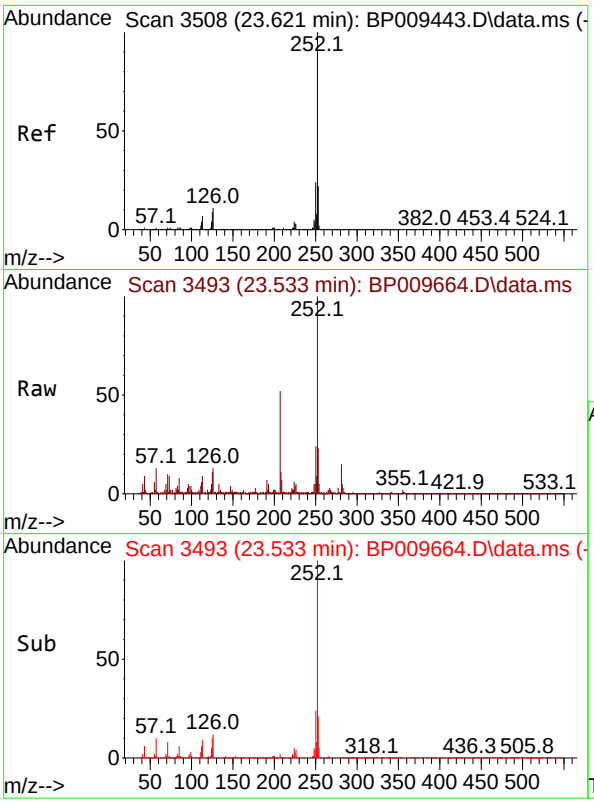


#89
Benzo(k)fluoranthene
Concen: 14.249 ng
RT: 22.916 min Scan# 3388
Delta R.T. -0.065 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:252 Resp: 1245057

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.3	8.3	12.5



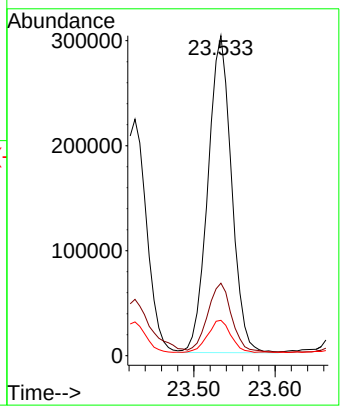


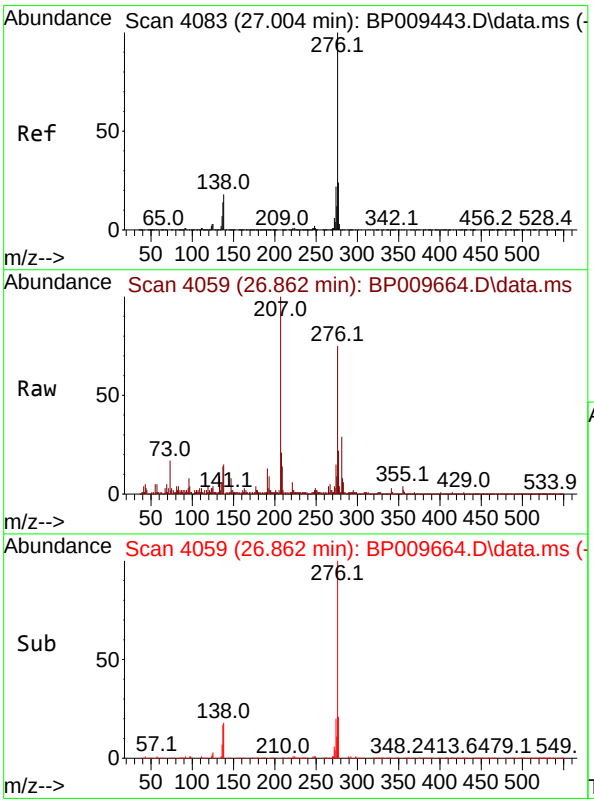
#90
Benzo(a)pyrene
Concen: 8.002 ng
RT: 23.533 min Scan# 34
Delta R.T. -0.018 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Instrument :
BNA_P
ClientSampleId :
A10015

Tgt Ion:252 Resp: 611015

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.0	9.3	13.9





#92
Benzo(g,h,i)perylene
Concen: 4.451 ng
RT: 26.862 min Scan# 4059
Delta R.T. -0.035 min
Lab File: BP009664.D
Acq: 01 Apr 2022 18:38

Tgt Ion:276 Resp: 413845

Ion	Ratio	Lower	Upper
276	100		
277	29.3	19.2	28.8#
138	19.7	18.0	27.0