Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009082.D
Acq On : 09 Feb 2022 17:30
Operator : CG/JU
Sample : N1432-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-1

Quant Time: Feb 10 01:44:04 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

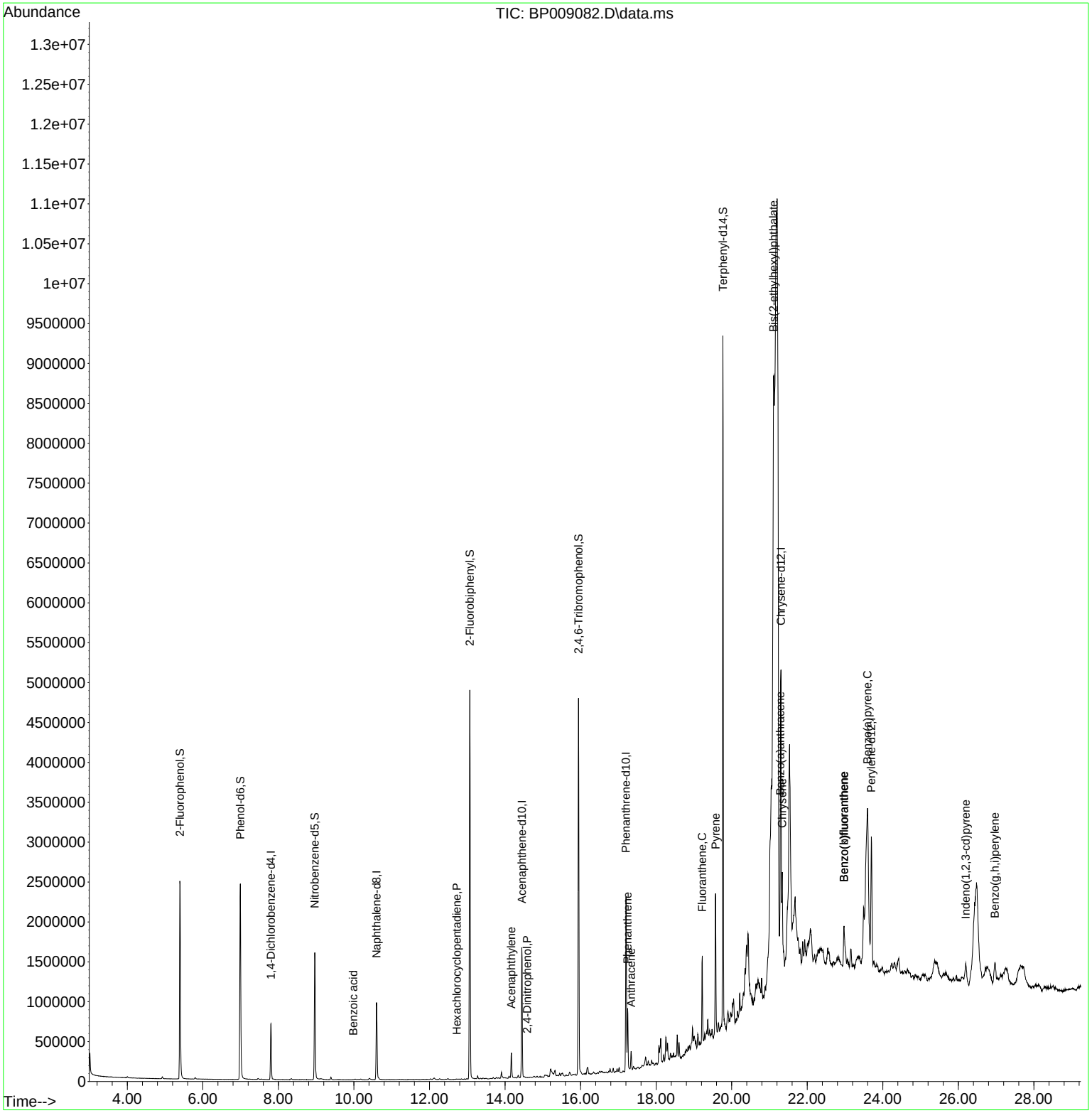
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	222597	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	898924	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	633326	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1397782	20.000	ng		0.00
76) Chrysene-d12	21.304	240	1442023	20.000	ng	#	0.00
86) Perylene-d12	23.698	264	1291688	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1296593	103.904	ng		0.00
7) Phenol-d6	6.993	99	1639866	99.731	ng		0.00
23) Nitrobenzene-d5	8.963	82	1015305	63.695	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1141890	135.038	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	2825510	62.455	ng		0.00
79) Terphenyl-d14	19.769	244	4367413	54.465	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.987	122	876	2.795	ng	#	62
41) Hexachlorocyclopentadiene	12.722	237	12	8.657	ng		90
49) Acenaphthylene	14.169	152	268534	4.817	ng		99
54) 2,4-Dinitrophenol	14.587	184	34	2.175	ng	#	1
71) Phenanthrene	17.245	178	519707	6.867	ng		98
72) Anthracene	17.339	178	161046	2.175	ng		99
75) Fluoranthene	19.222	202	637326	7.513	ng		96
78) Pyrene	19.575	202	1187826	11.579	ng		98
81) Benzo(a)anthracene	21.286	228	409841	4.410	ng		95
83) Chrysene	21.339	228	485093	5.415	ng		99
84) Bis(2-ethylhexyl)phtha...	21.110	149	485304	10.401	ng	#	75
87) Indeno(1,2,3-cd)pyrene	26.198	276	287177	2.992	ng	#	93
88) Benzo(b)fluoranthene	22.974	252	616688	7.755	ng	#	95
89) Benzo(k)fluoranthene	22.974	252	616688	7.773	ng	#	96
90) Benzo(a)pyrene	23.598	252	377193	5.690	ng	#	93
92) Benzo(g,h,i)perylene	26.968	276	409223	5.211	ng		97

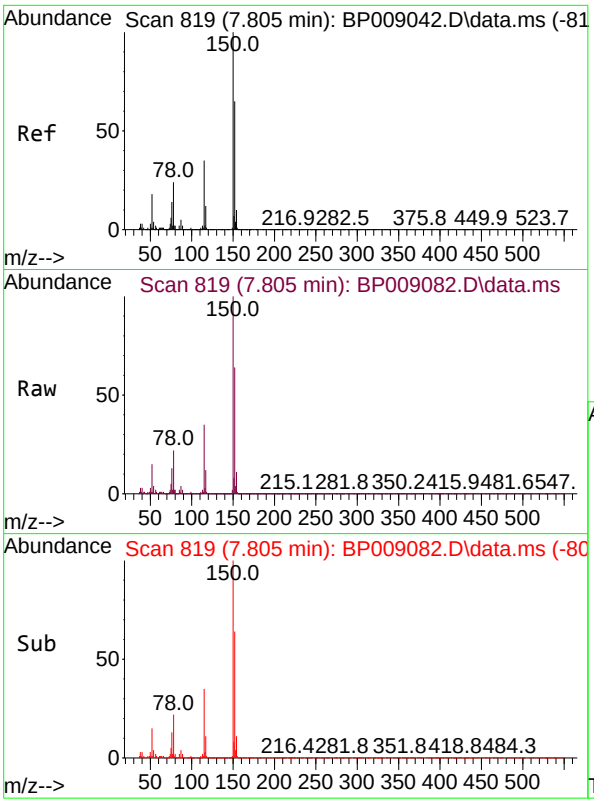
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009082.D
Acq On : 09 Feb 2022 17:30
Operator : CG/JU
Sample : N1432-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP-1

Quant Time: Feb 10 01:44:04 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



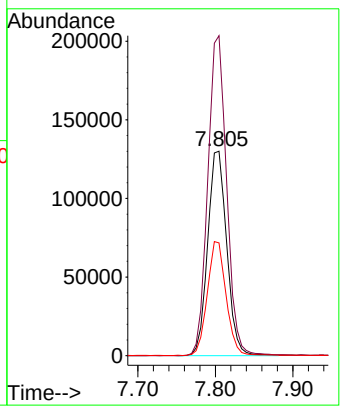


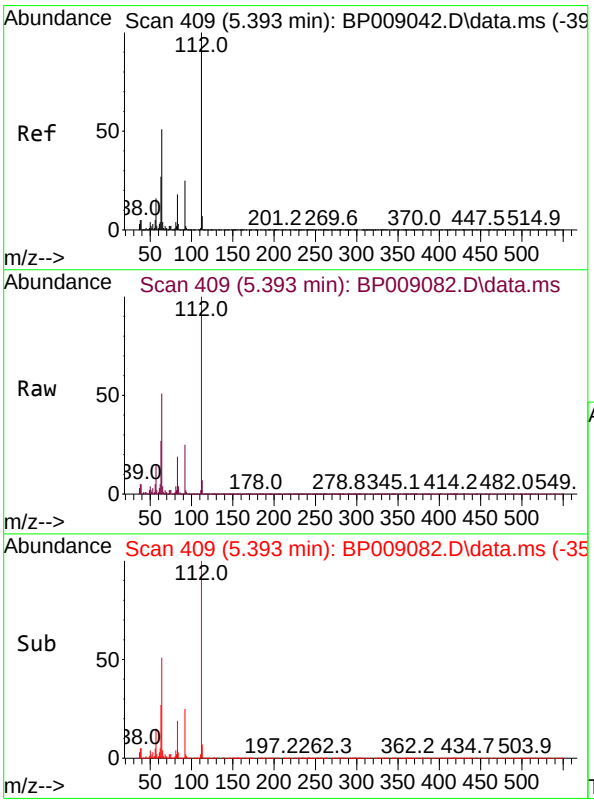
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 222597

Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.0	190.6
115	55.2	43.7	65.5

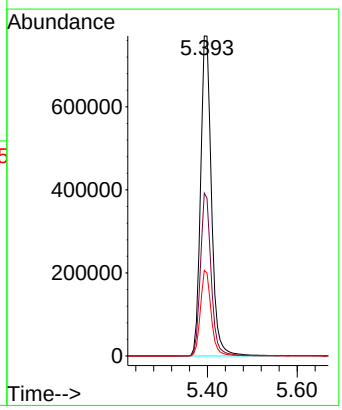


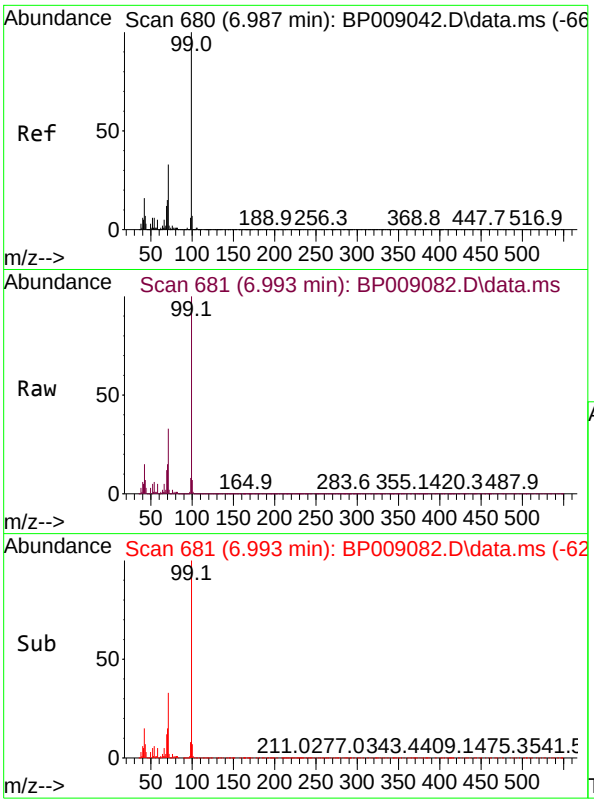


#5
2-Fluorophenol
Concen: 103.904 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:112 Resp: 1296593

Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.7	59.5
63	26.8	20.0	30.0



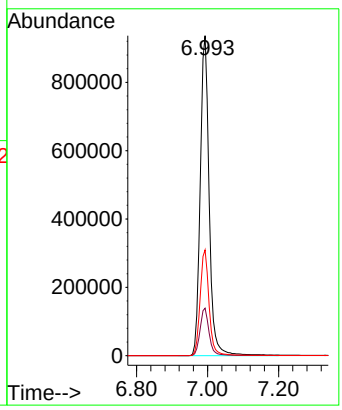


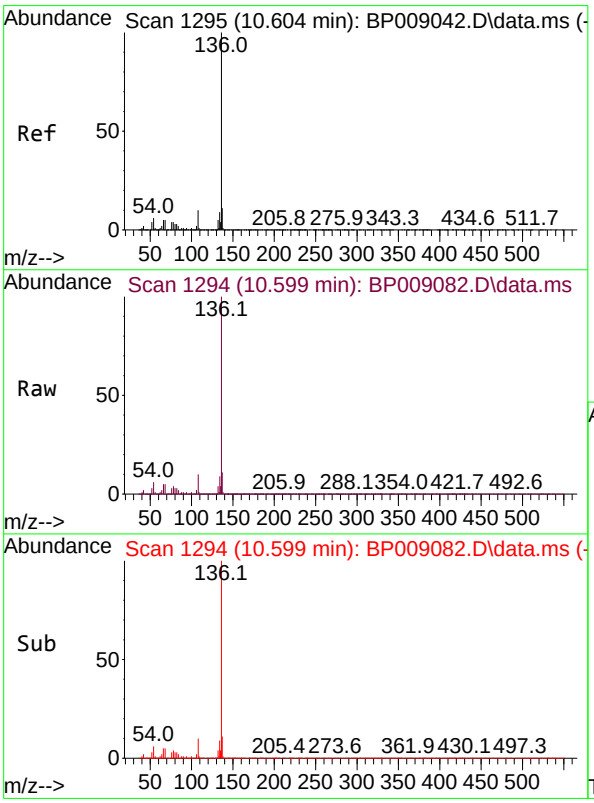
#7
Phenol-d6
Concen: 99.731 ng
RT: 6.993 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 1639866

Ion	Ratio	Lower	Upper
99	100		
42	14.9	10.8	16.2
71	33.0	23.8	35.6

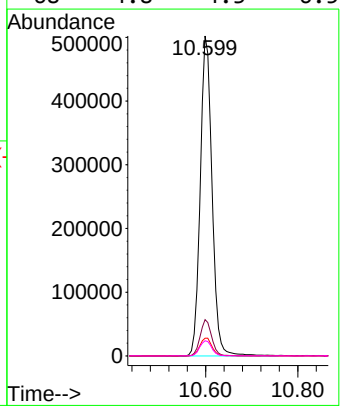


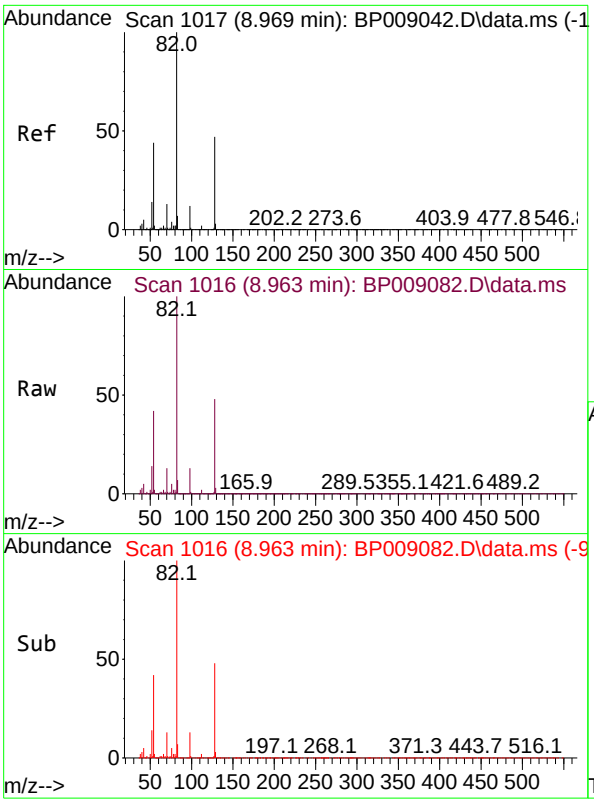


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:136 Resp: 898924

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	5.6	4.9	7.3
68	4.8	4.3	6.5



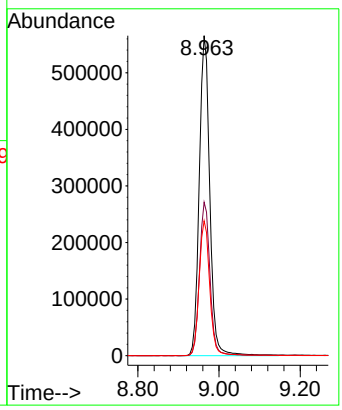


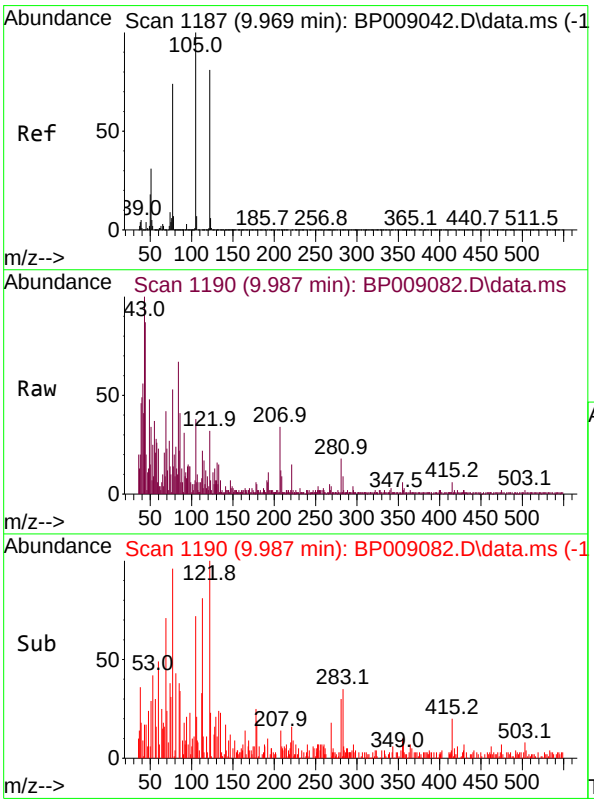
#23
Nitrobenzene-d5
Concen: 63.695 ng
RT: 8.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 1015305

Ion	Ratio	Lower	Upper
82	100		
128	47.9	39.4	59.2
54	42.2	32.6	48.8

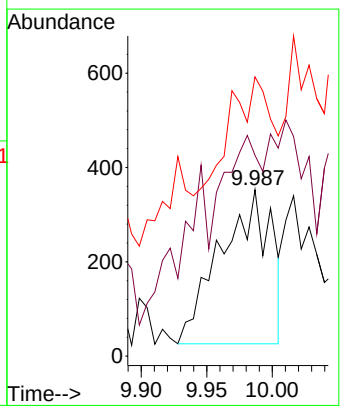


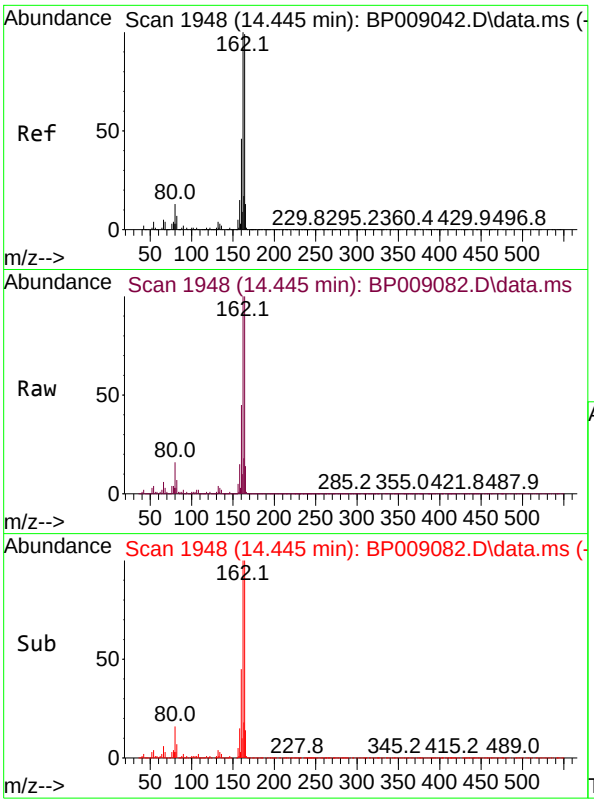


#32
Benzoic acid
Concen: 2.795 ng
RT: 9.987 min Scan# 1190
Delta R.T. 0.018 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:122 Resp: 876

Ion	Ratio	Lower	Upper
122	100		
105	120.7	100.1	140.1
77	167.7	65.5	105.5#



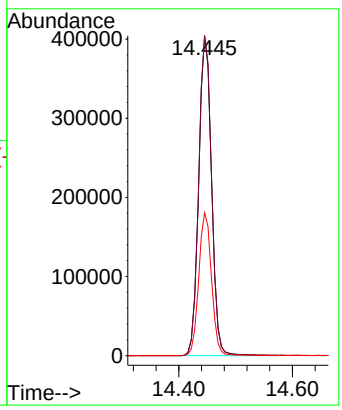


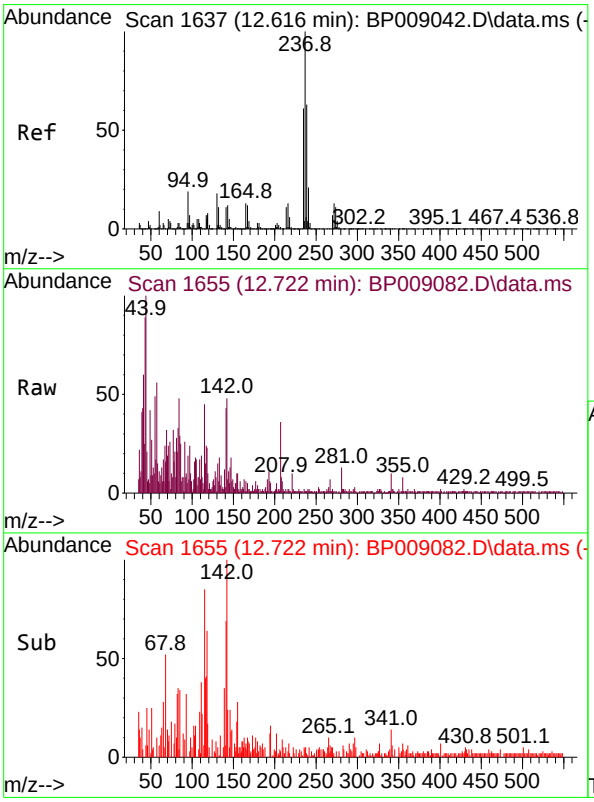
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:164 Resp: 633326

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	44.7	35.5	53.3

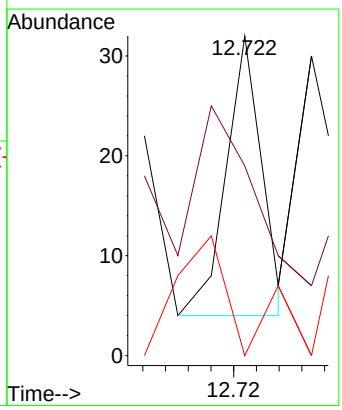


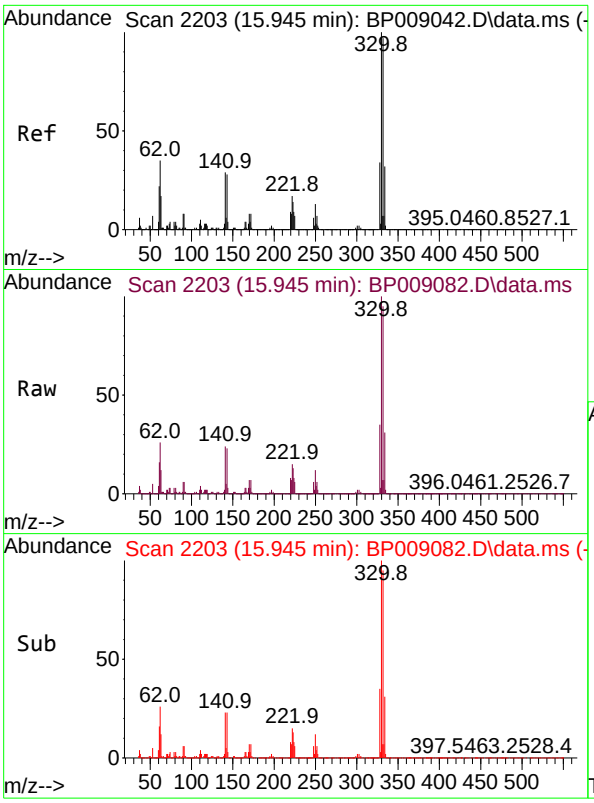


#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.722 min Scan# 1655
Delta R.T. 0.106 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:237 Resp: 12

Ion	Ratio	Lower	Upper
237	100		
235	59.4	42.9	82.9
272	0.0	0.0	33.8



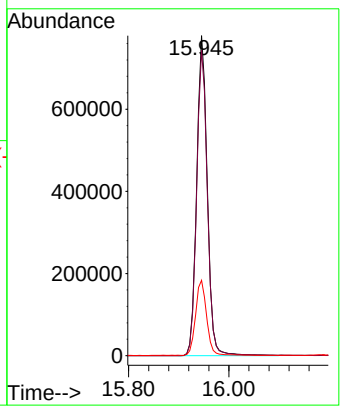


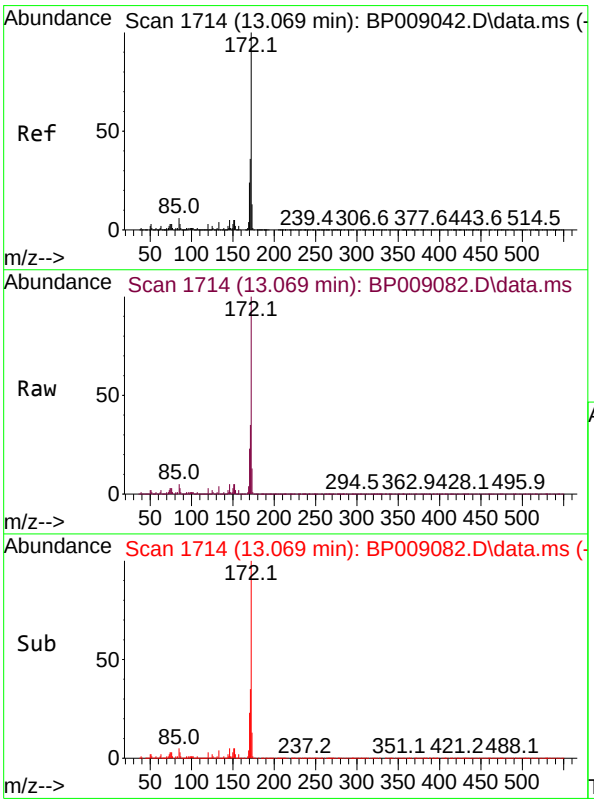
#42
2,4,6-Tribromophenol
Concen: 135.038 ng
RT: 15.945 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:330 Resp: 1141890

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.4
141	24.3	21.3	31.9

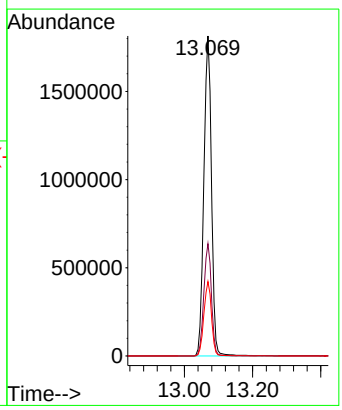


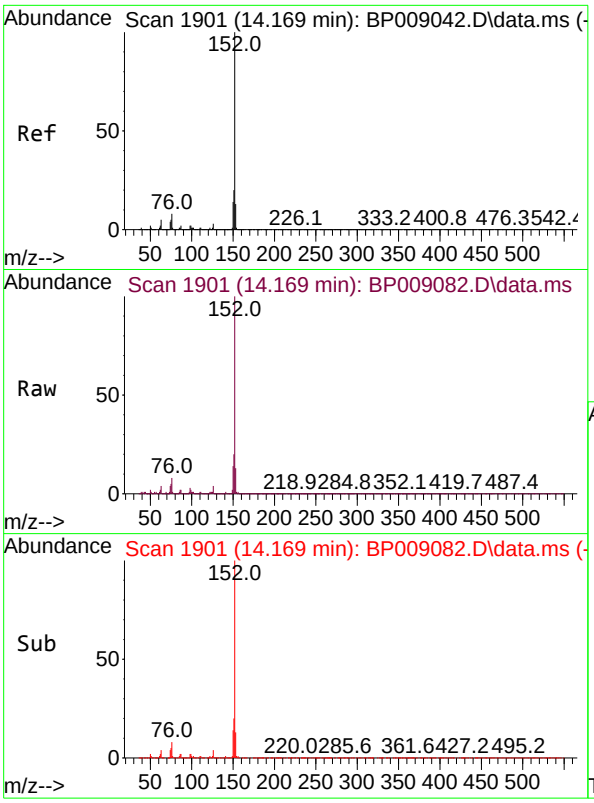


#45
2-Fluorobiphenyl
Concen: 62.455 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:172 Resp: 2825510

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.3	43.9
170	23.3	19.5	29.3



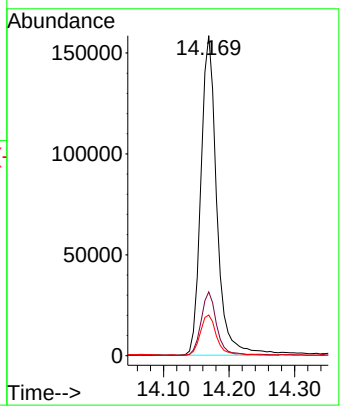


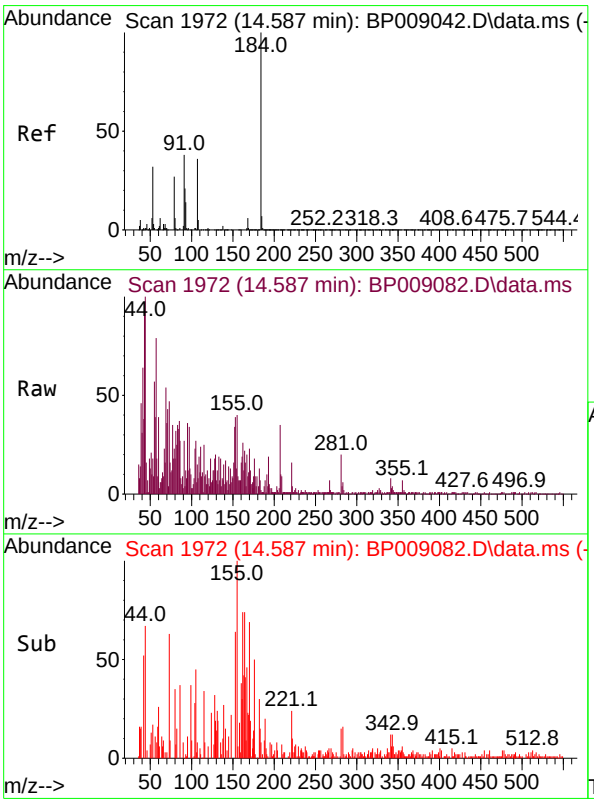
#49
Acenaphthylene
Concen: 4.817 ng
RT: 14.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 268534

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	12.7	10.6	16.0

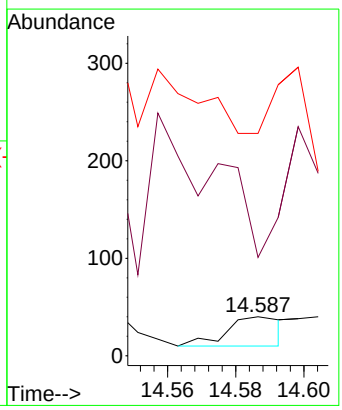


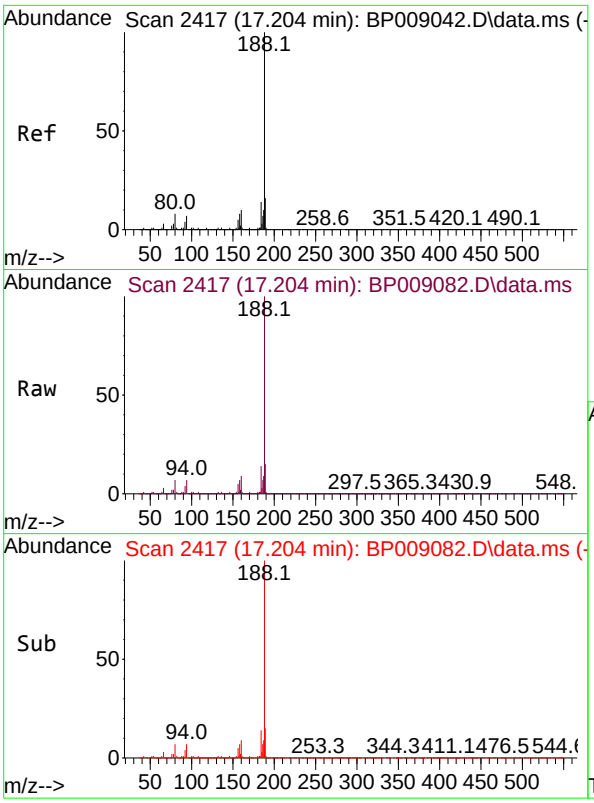


#54
2,4-Dinitrophenol
Concen: 2.175 ng
RT: 14.587 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:184 Resp: 34

Ion	Ratio	Lower	Upper
184	100		
63	252.5	35.6	53.4#
154	570.0	43.4	65.0#



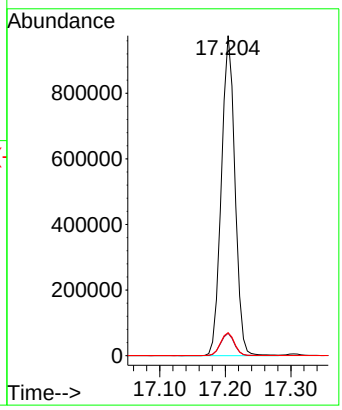


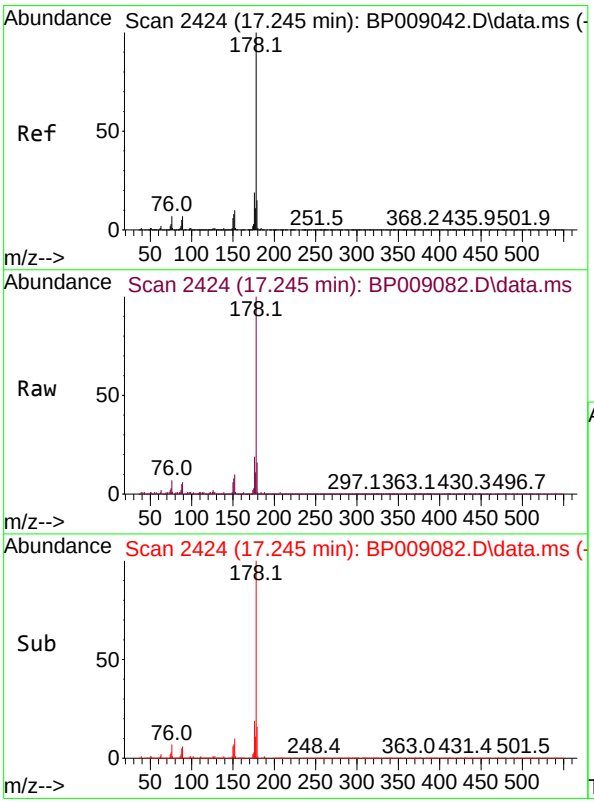
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:188 Resp: 1397782

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.8	10.2
80	7.2	7.2	10.8

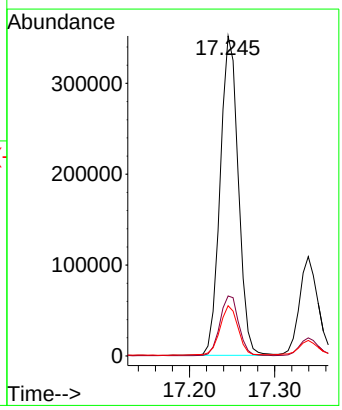


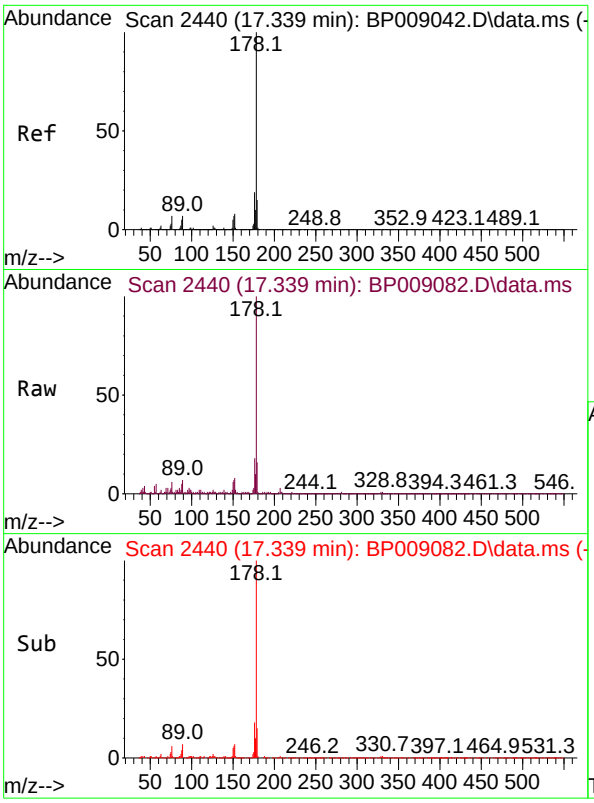


#71
Phenanthrene
Concen: 6.867 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:178 Resp: 519707

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.7	13.0	19.4



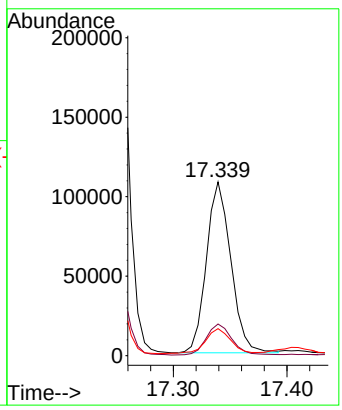


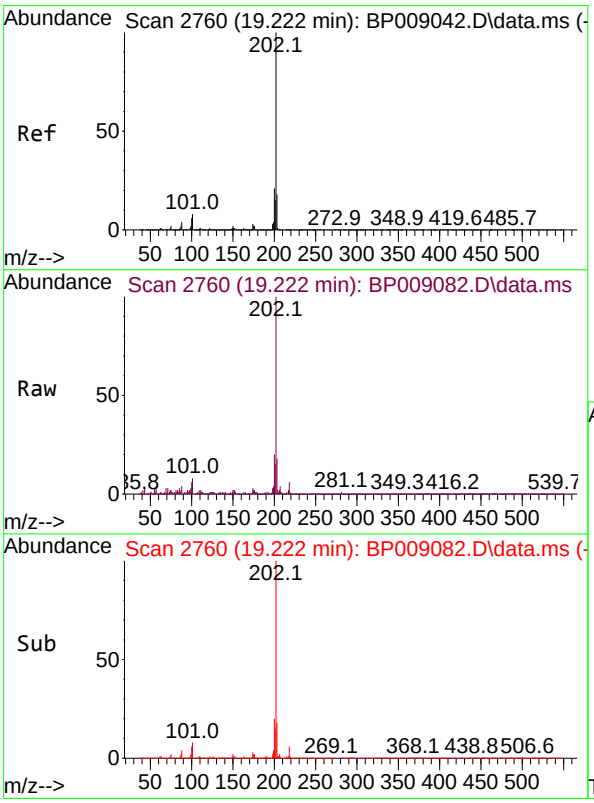
#72
Anthracene
Concen: 2.175 ng
RT: 17.339 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:178 Resp: 161046

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.6	12.8	19.2

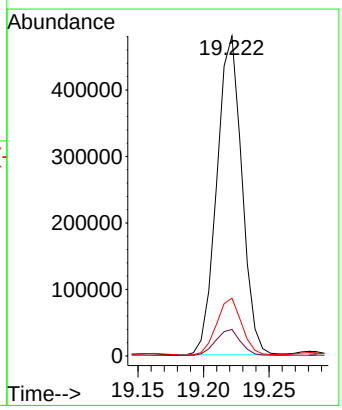


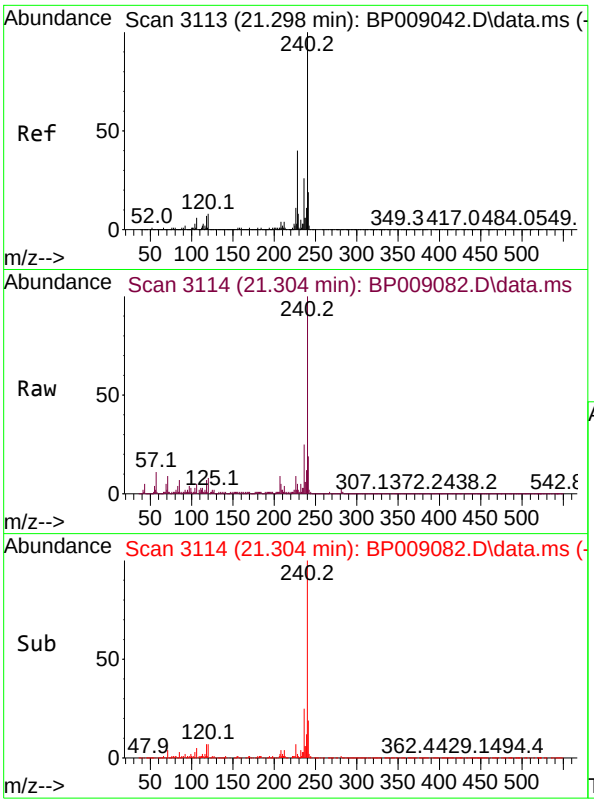


#75
Fluoranthene
Concen: 7.513 ng
RT: 19.222 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:202 Resp: 637326

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	30.7
203	18.0	0.0	38.9



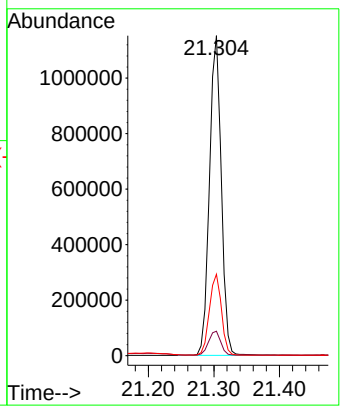


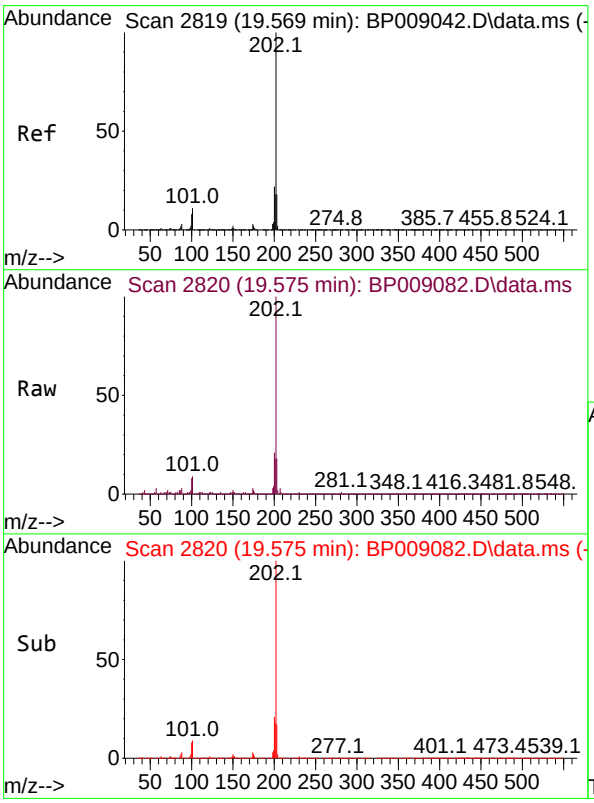
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:240 Resp: 1442023

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.7	11.5#
236	25.5	21.2	31.8

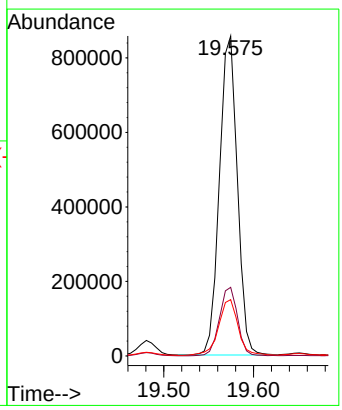


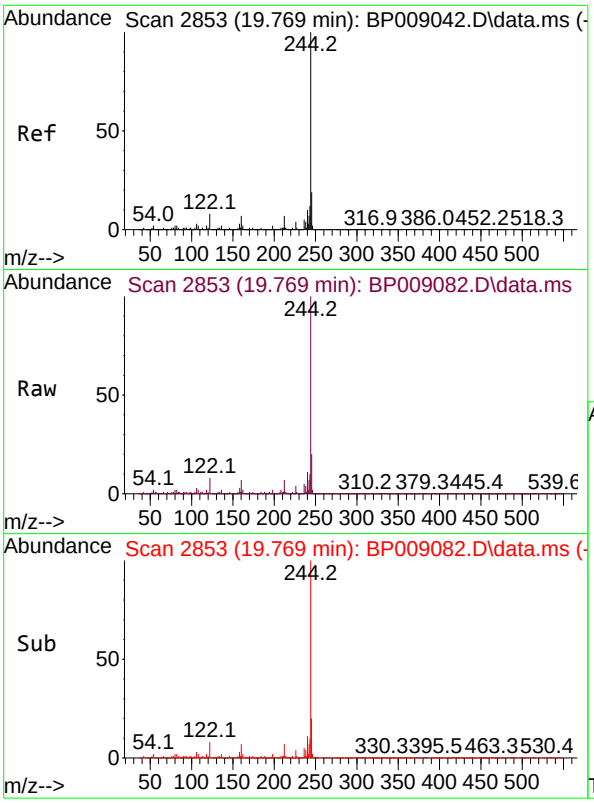


#78
Pyrene
Concen: 11.579 ng
RT: 19.575 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:202 Resp: 1187826

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.0	27.0
203	17.6	15.0	22.6



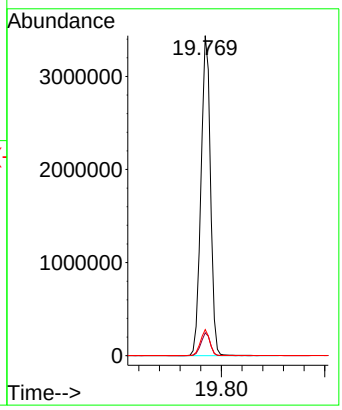


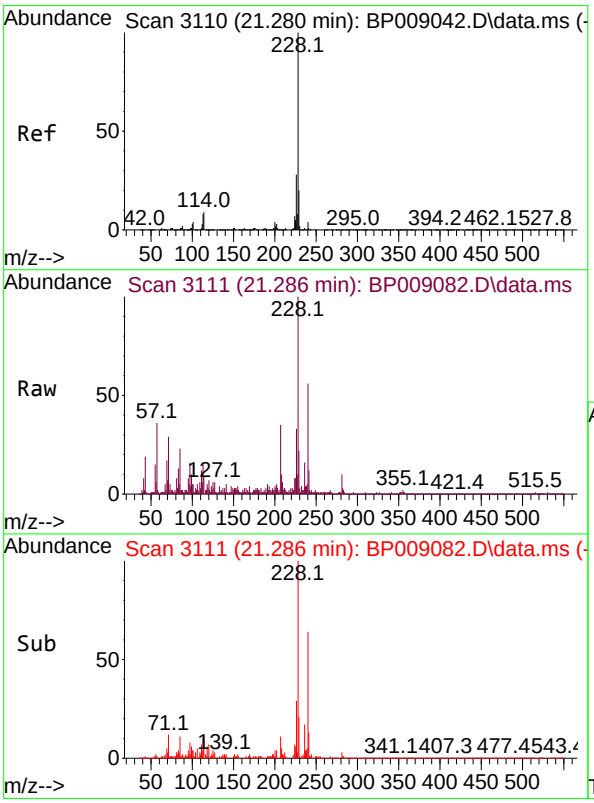
#79
Terphenyl-d14
Concen: 54.465 ng
RT: 19.769 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:244 Resp: 4367413

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	8.2	9.2	13.8#

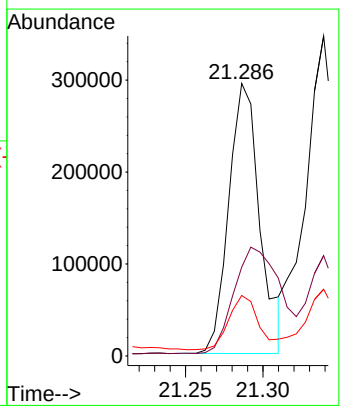


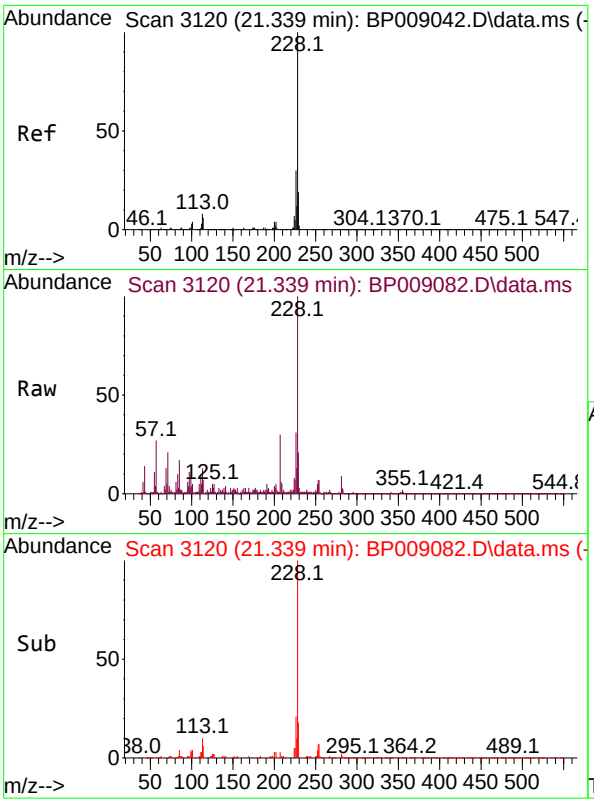


#81
Benzo(a)anthracene
Concen: 4.410 ng
RT: 21.286 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:228 Resp: 409841

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.3	34.9
229	22.2	17.0	25.6



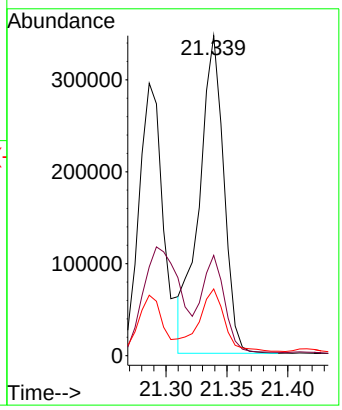


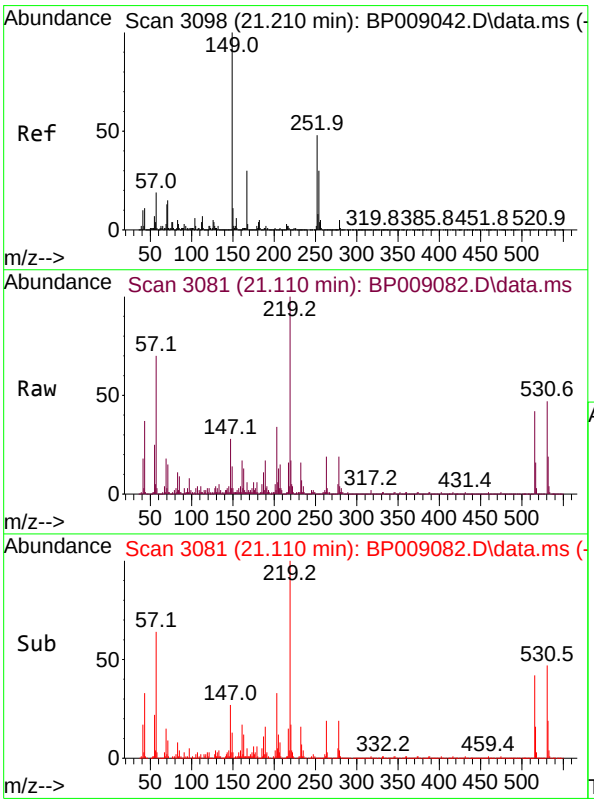
#83
Chrysene
Concen: 5.415 ng
RT: 21.339 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:228 Resp: 485093

Ion	Ratio	Lower	Upper
228	100		
226	31.3	26.0	39.0
229	20.9	16.9	25.3

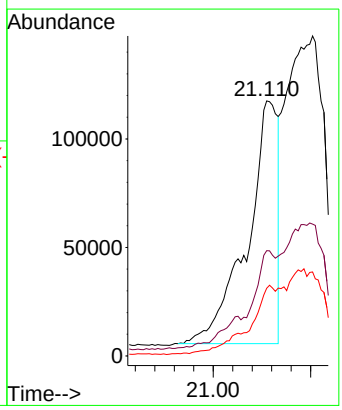


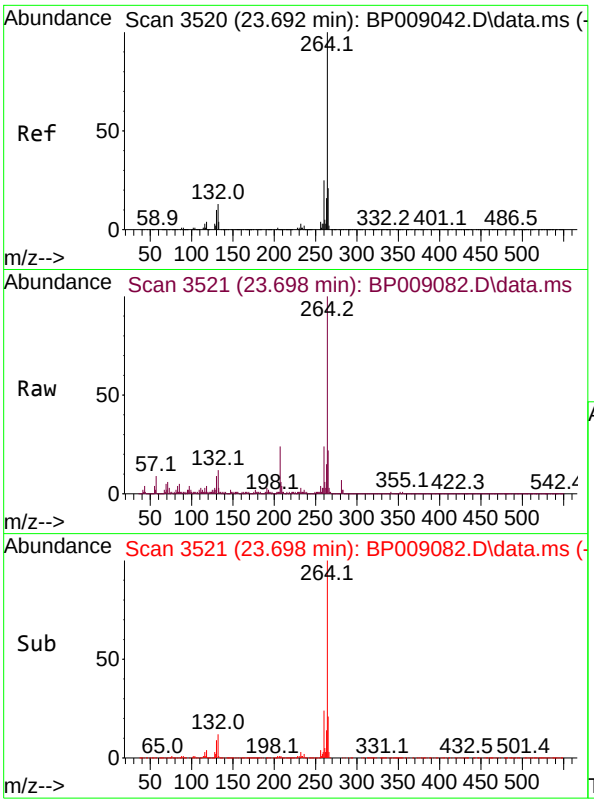


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.401 ng
RT: 21.110 min Scan# 3081
Delta R.T. -0.100 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:149 Resp: 485304

Ion	Ratio	Lower	Upper
149	100		
167	41.2	25.0	37.4#
279	26.6	4.8	7.2#



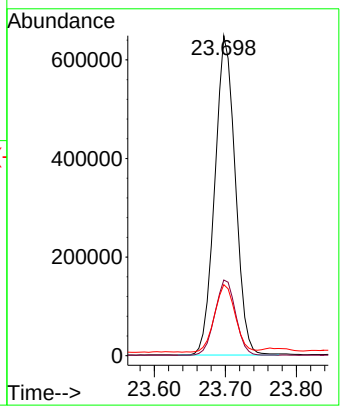


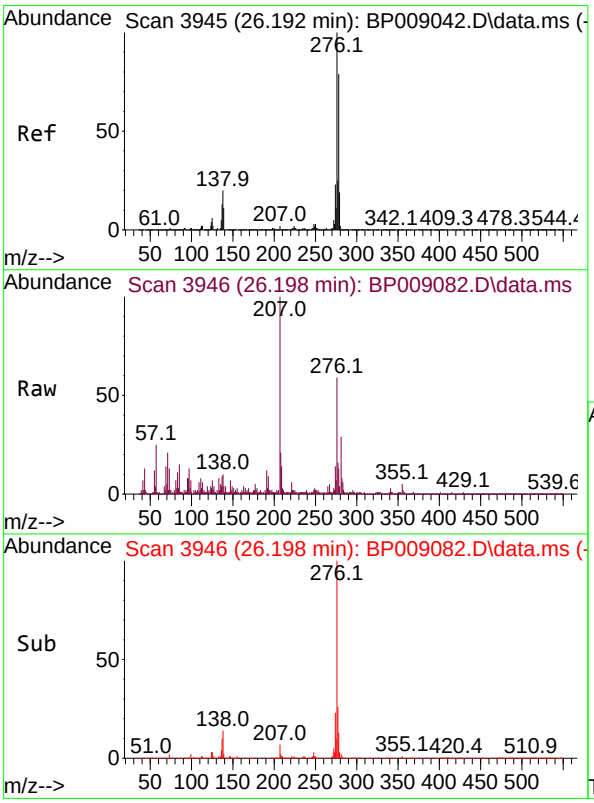
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:264 Resp: 1291688

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.2	17.1	25.7

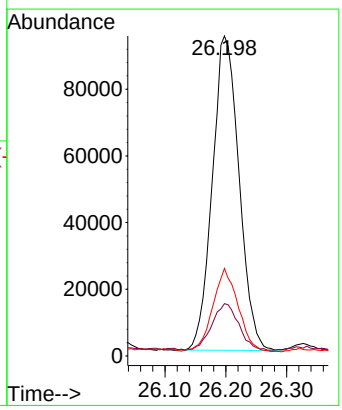


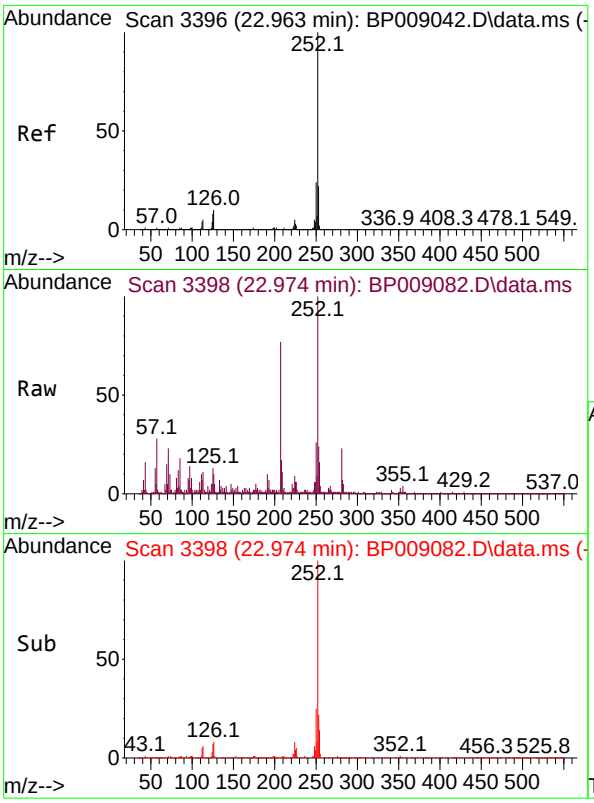


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.992 ng
RT: 26.198 min Scan# 3946
Delta R.T. 0.006 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:276 Resp: 287177

Ion	Ratio	Lower	Upper
276	100		
138	15.1	17.8	26.6#
277	25.0	20.4	30.6



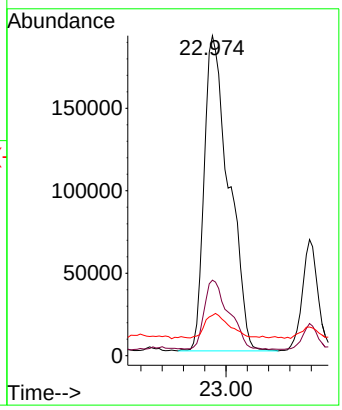


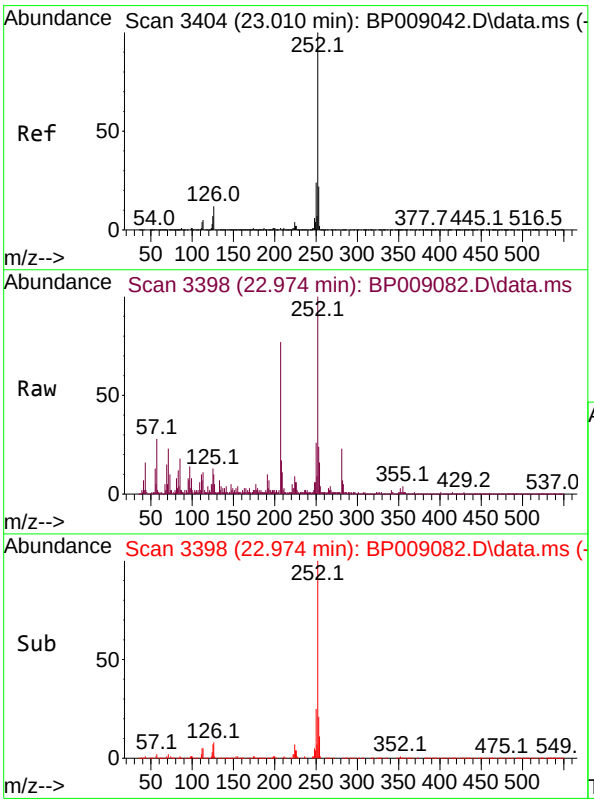
#88
Benzo(b)fluoranthene
Concen: 7.755 ng
RT: 22.974 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:252 Resp: 616688

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	12.6	6.9	10.3#

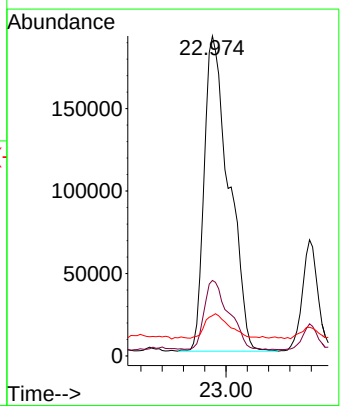


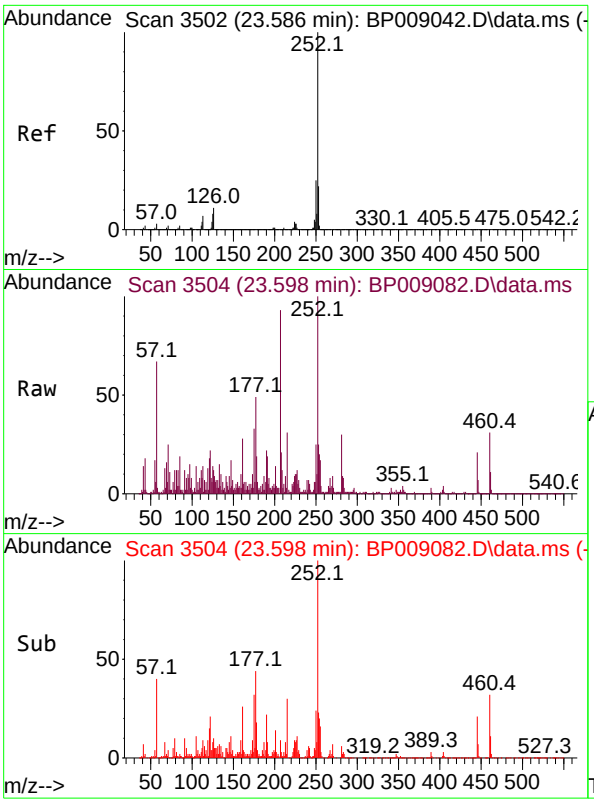


#89
Benzo(k)fluoranthene
Concen: 7.773 ng
RT: 22.974 min Scan# 3398
Delta R.T. -0.035 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:252 Resp: 616688

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	12.6	7.3	10.9#



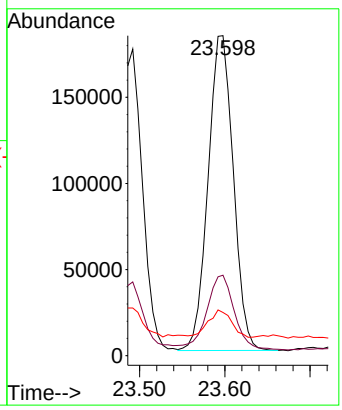


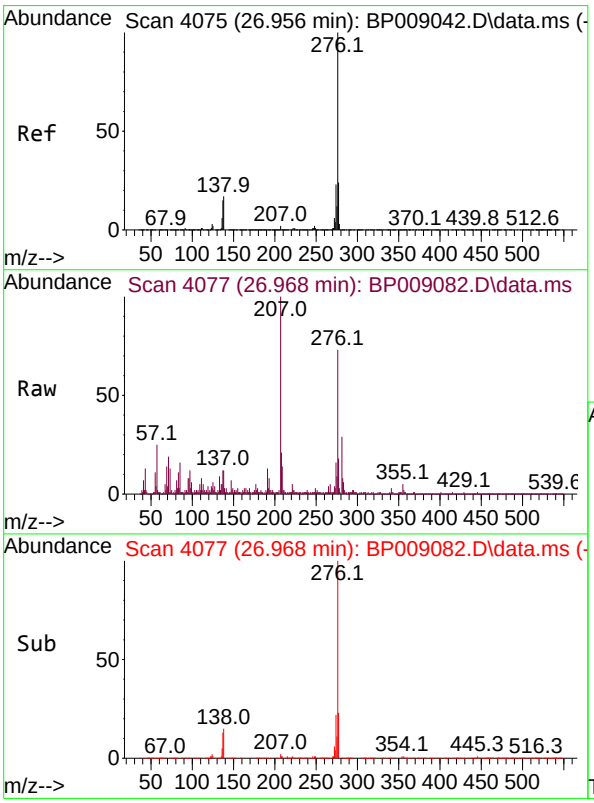
#90
Benzo(a)pyrene
Concen: 5.690 ng
RT: 23.598 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Instrument :
BNA_P
ClientSampleId :
SP-1

Tgt Ion:252 Resp: 377193

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	13.5	7.8	11.6#





#92
Benzo(g,h,i)perylene
Concen: 5.211 ng
RT: 26.968 min Scan# 4077
Delta R.T. 0.012 min
Lab File: BP009082.D
Acq: 09 Feb 2022 17:30

Tgt Ion:276 Resp: 409223

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	16.2	15.0	22.4