Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009220.D
Acq On : 18 Feb 2022 18:42
Operator : CG/JU
Sample : N1579-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Quant Time: Feb 19 00:50:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 19 00:46:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	213567	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	881495	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	618725	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1396885	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1581458	20.000	ng	0.00
86) Perylene-d12	23.656	264	1504417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1269597	106.042	ng	0.00
7) Phenol-d6	6.957	99	1638543	103.864	ng	0.00
23) Nitrobenzene-d5	8.928	82	1005396	64.320	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	937130	113.439	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2761333	62.476	ng	0.00
79) Terphenyl-d14	19.739	244	5059662	57.535	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.016	122	38	2.693	ng	# 1
41) Hexachlorocyclopentadiene	12.610	237	13	8.657	ng	80
54) 2,4-Dinitrophenol	14.580	184	62	2.182	ng	# 1
71) Phenanthrene	17.216	178	310735	4.108	ng	98
75) Fluoranthene	19.192	202	741267	8.744	ng	96
78) Pyrene	19.545	202	801548	7.125	ng	97
81) Benzo(a)anthracene	21.257	228	431632	4.235	ng	98
83) Chrysene	21.309	228	480380	4.890	ng	97
88) Benzo(b)fluoranthene	22.933	252	562057	6.069	ng	99
89) Benzo(k)fluoranthene	22.933	252	562057	6.083	ng	99
90) Benzo(a)pyrene	23.551	252	372038	4.818	ng	99
92) Benzo(g,h,i)perylene	26.921	276	215011	2.351	ng	99

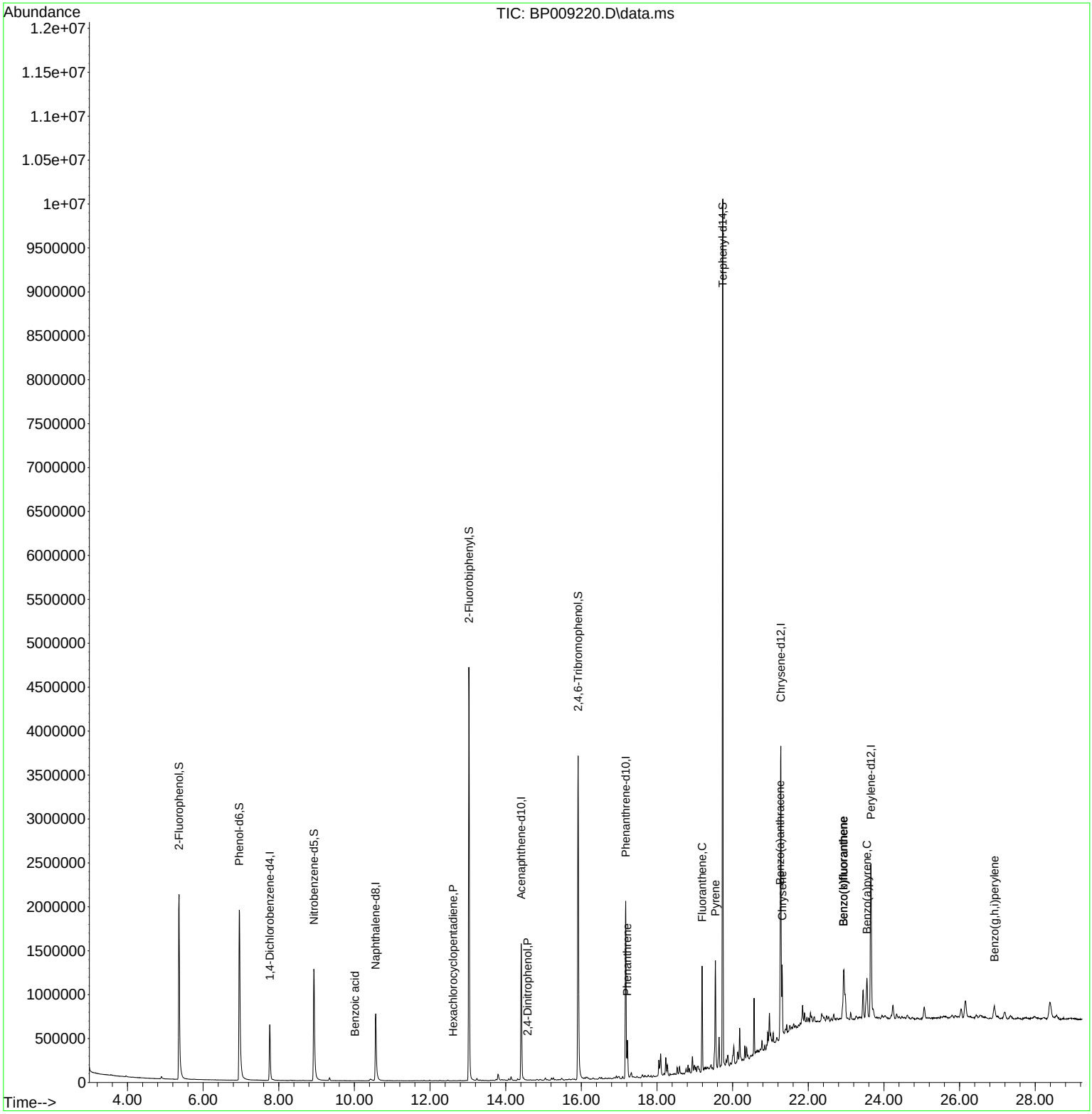
(#) = qualifier out of range (m) = manual integration (+) = signals summed

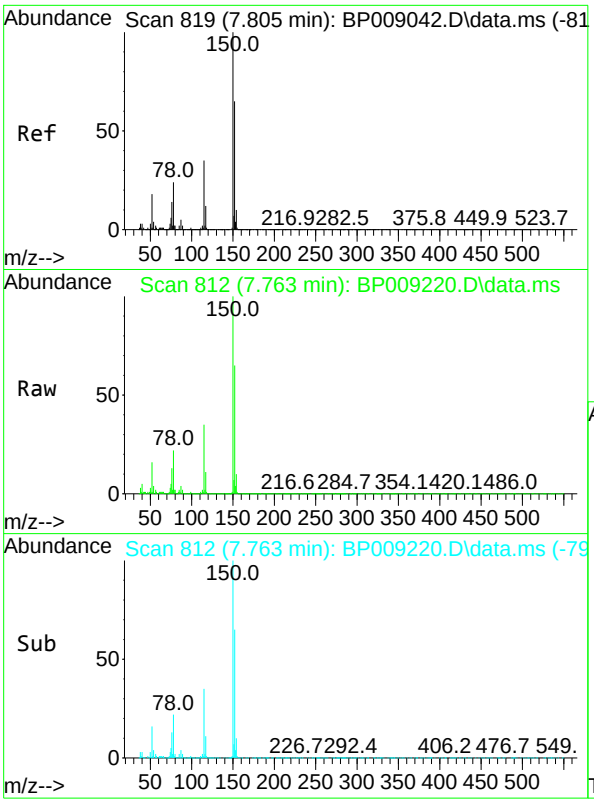
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009220.D
Acq On : 18 Feb 2022 18:42
Operator : CG/JU
Sample : N1579-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Quant Time: Feb 19 00:50:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 19 00:46:08 2022
Response via : Initial Calibration



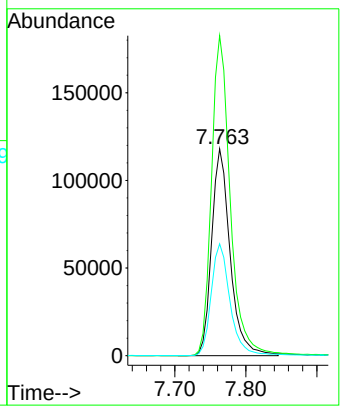


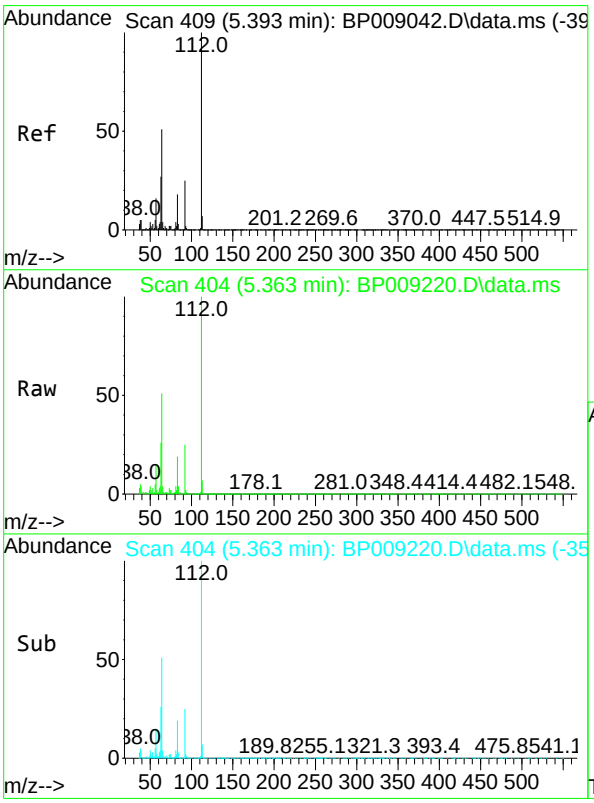
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:152 Resp: 213567

Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.0	190.6
115	54.1	43.7	65.5

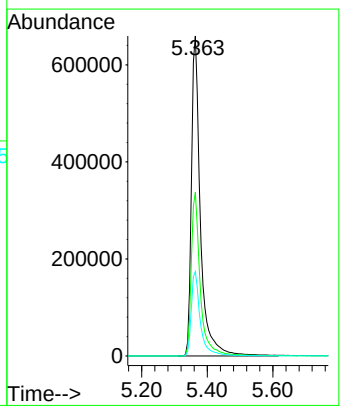


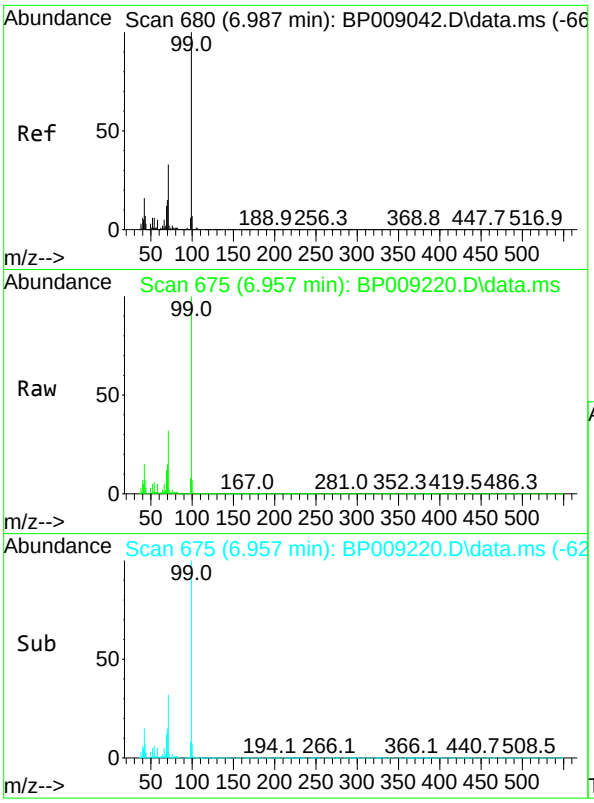


#5
2-Fluorophenol
Concen: 106.042 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:112 Resp: 1269597

Ion	Ratio	Lower	Upper
112	100		
64	51.2	39.7	59.5
63	26.3	20.0	30.0



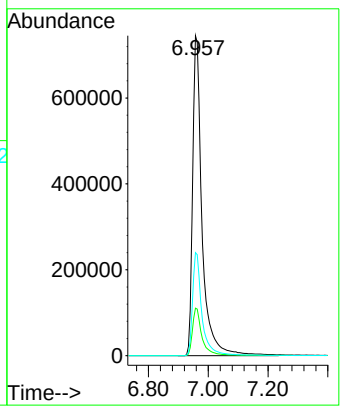


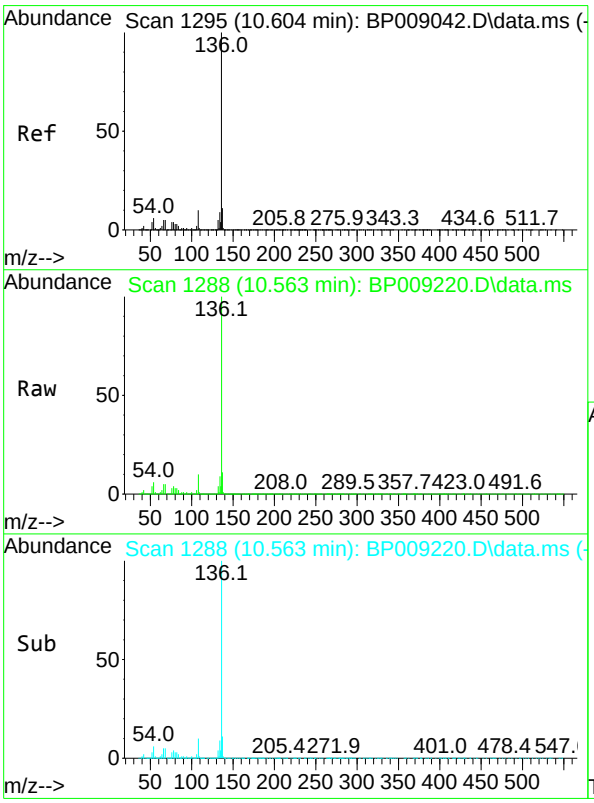
#7
Phenol-d6
Concen: 103.864 ng
RT: 6.957 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion: 99 Resp: 1638543

Ion	Ratio	Lower	Upper
99	100		
42	14.8	10.8	16.2
71	32.2	23.8	35.6

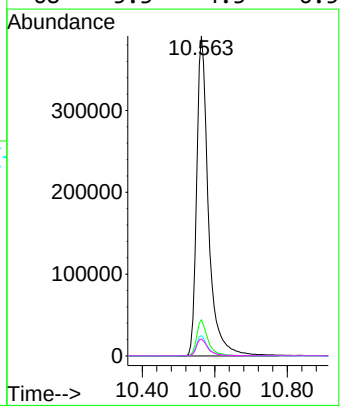


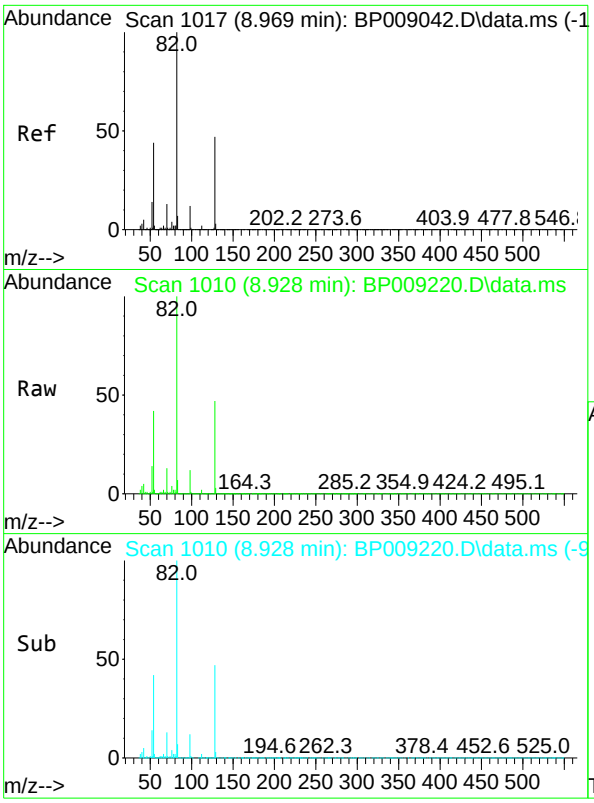


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:136 Resp: 881495

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.4	4.9	7.3
68	5.3	4.3	6.5



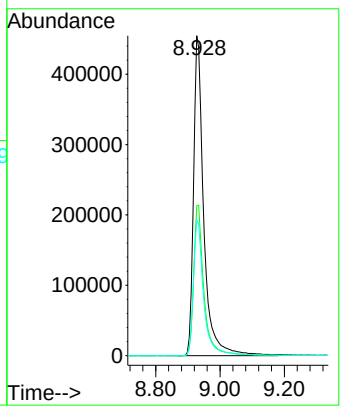


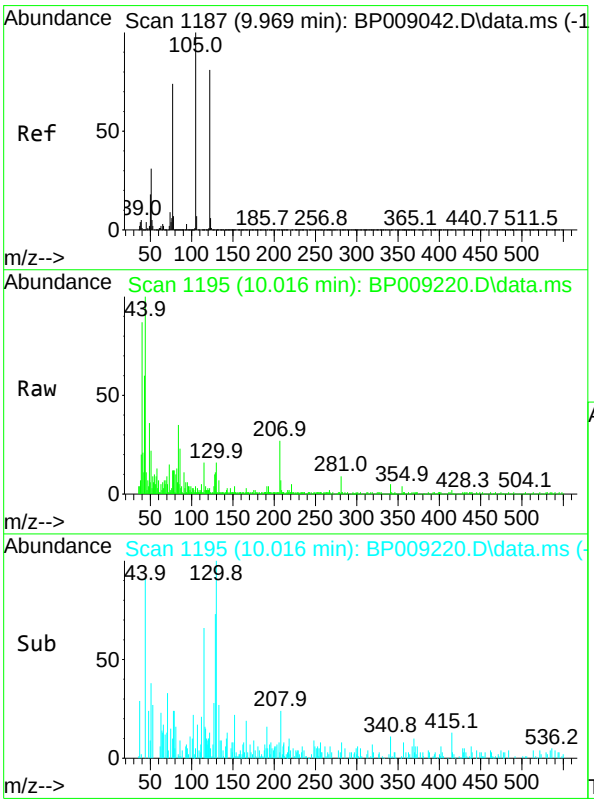
#23
Nitrobenzene-d5
Concen: 64.320 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion: 82 Resp: 1005396

Ion	Ratio	Lower	Upper
82	100		
128	46.8	39.4	59.2
54	42.3	32.6	48.8

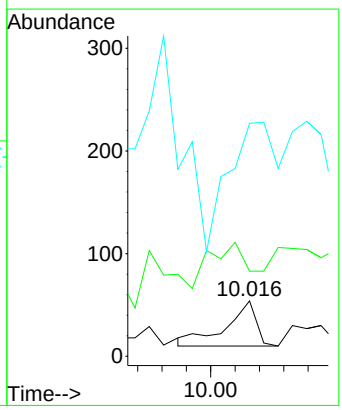


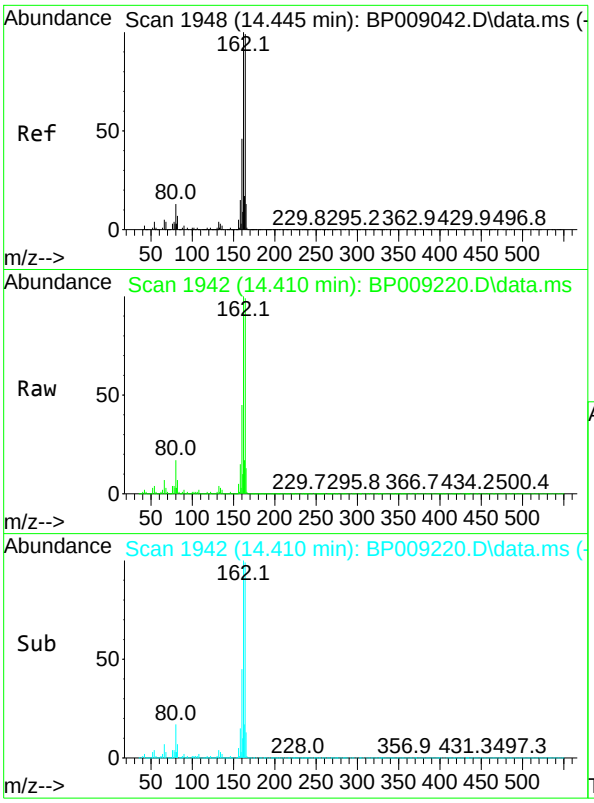


#32
Benzoic acid
Concen: 2.693 ng
RT: 10.016 min Scan# 1195
Delta R.T. 0.017 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:122 Resp: 38

Ion	Ratio	Lower	Upper
122	100		
105	153.7	100.1	140.1#
77	420.4	65.5	105.5#



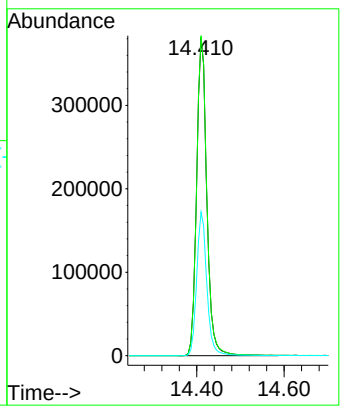


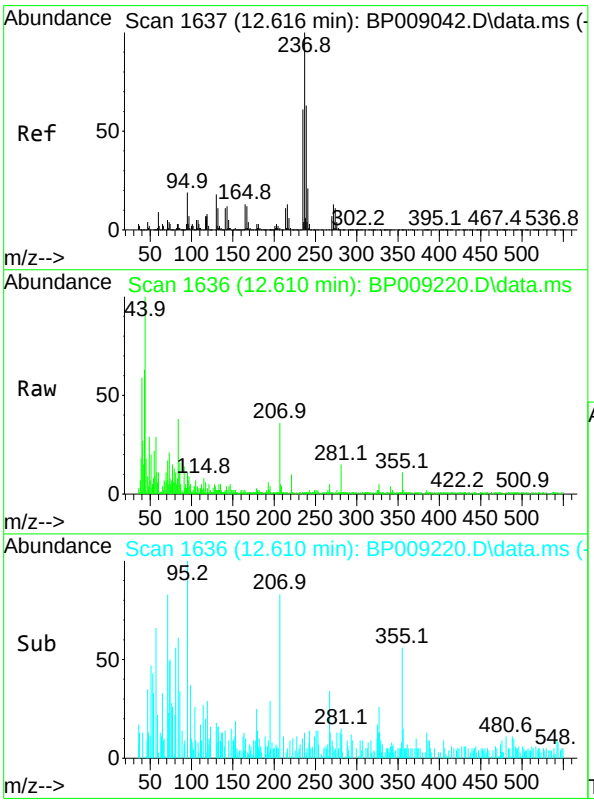
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:164 Resp: 618725

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	45.1	35.5	53.3

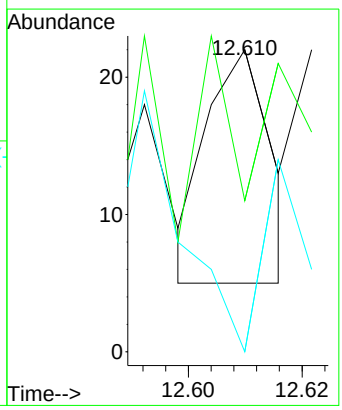


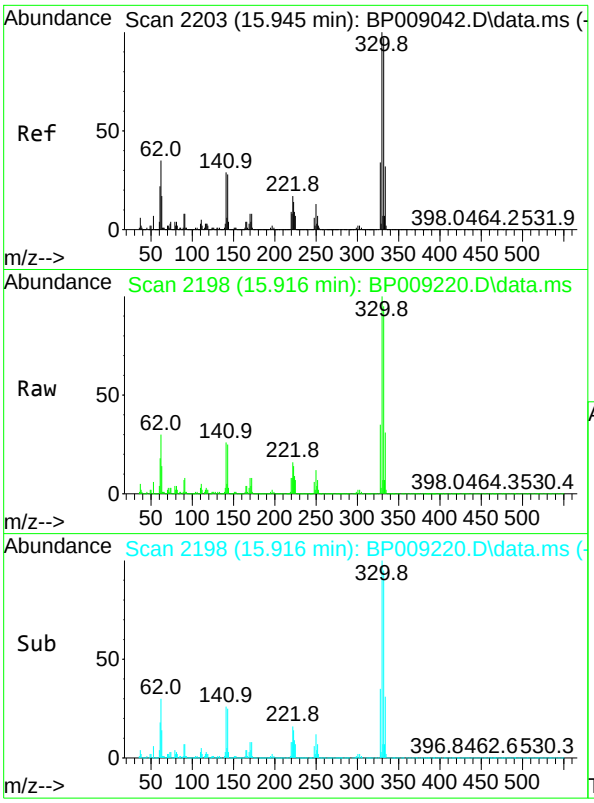


#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.610 min Scan# 1636
Delta R.T. 0.035 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:237 Resp: 13

Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.9	82.9
272	0.0	0.0	33.8



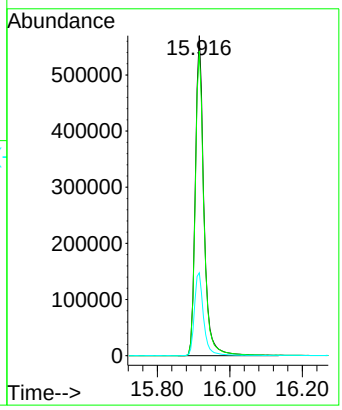


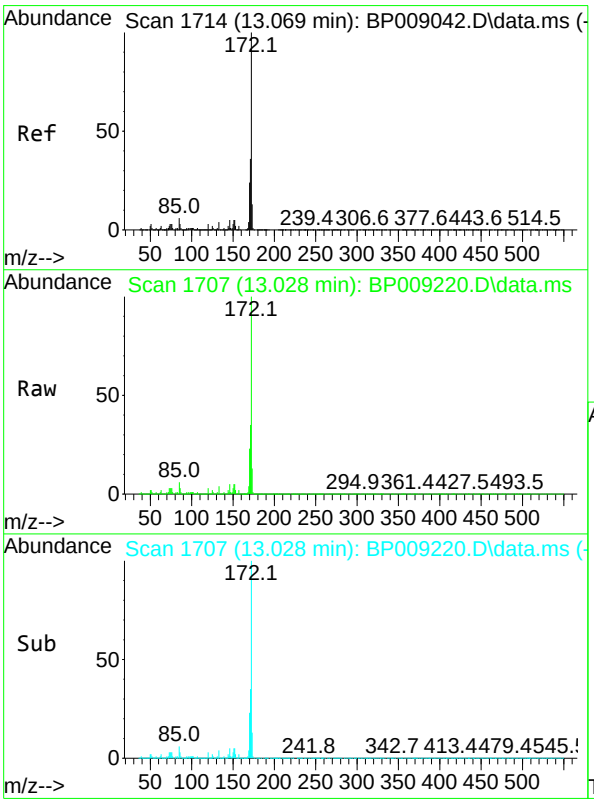
#42
2,4,6-Tribromophenol
Concen: 113.439 ng
RT: 15.916 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:330 Resp: 937130

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	27.7	21.3	31.9

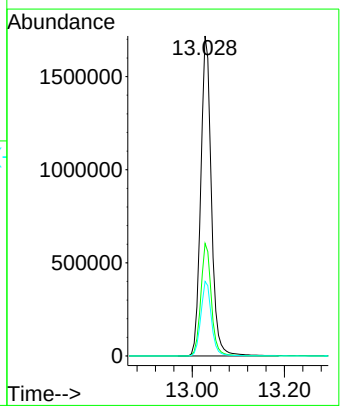


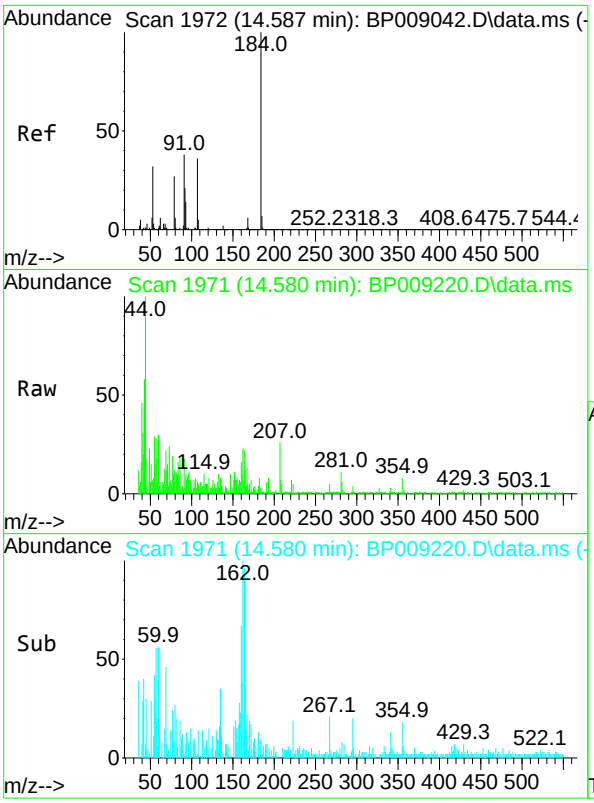


#45
2-Fluorobiphenyl
Concen: 62.476 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:172 Resp: 2761333

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.3	43.9
170	23.3	19.5	29.3



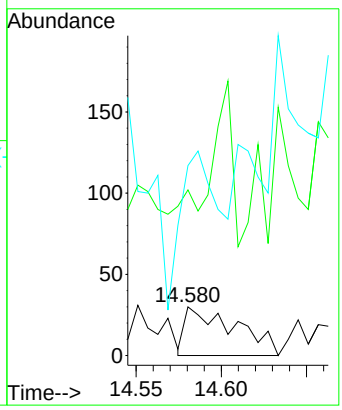


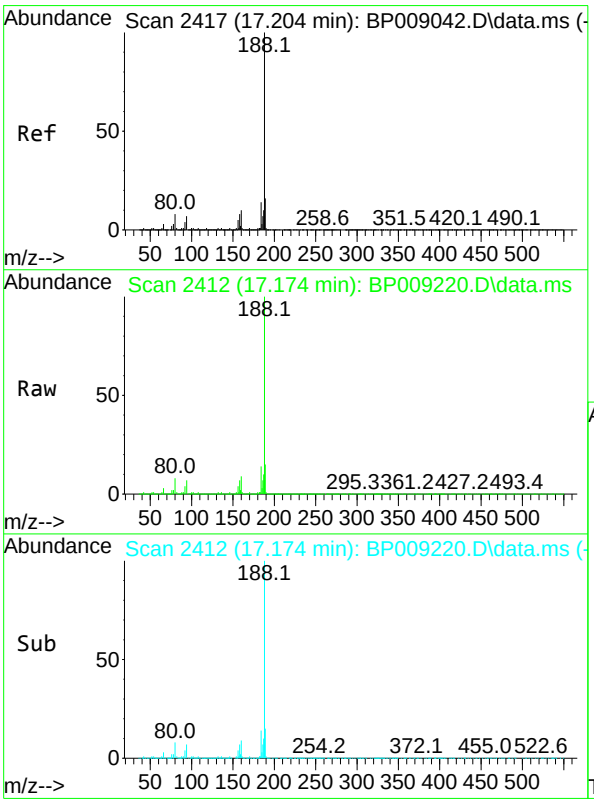
#54
2,4-Dinitrophenol
Concen: 2.182 ng
RT: 14.580 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:184 Resp: 62

Ion	Ratio	Lower	Upper
184	100		
63	340.0	35.6	53.4#
154	390.0	43.4	65.0#

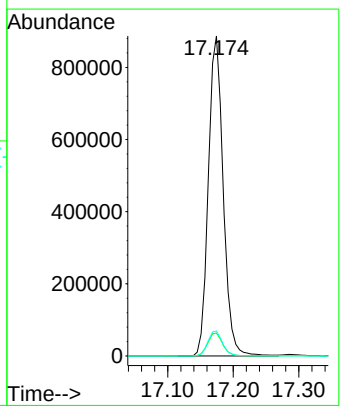


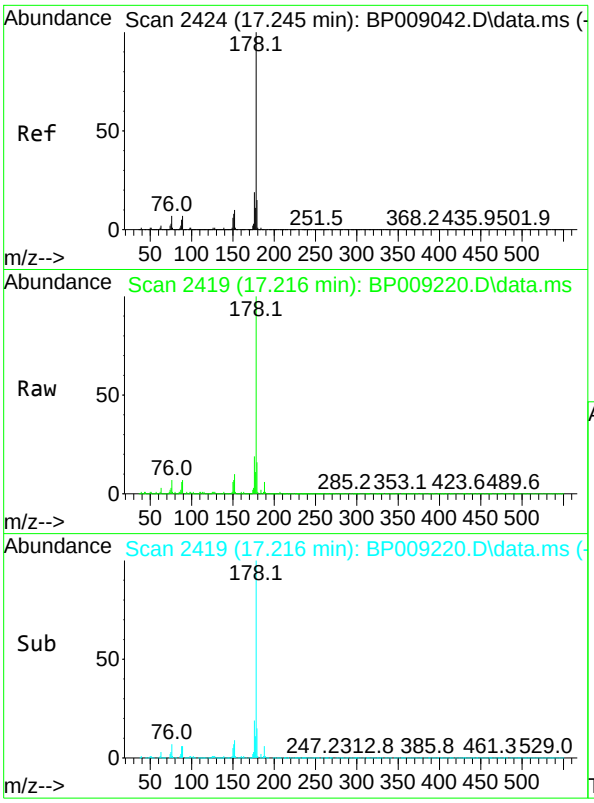


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:188 Resp: 1396885

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.8	10.2
80	7.8	7.2	10.8



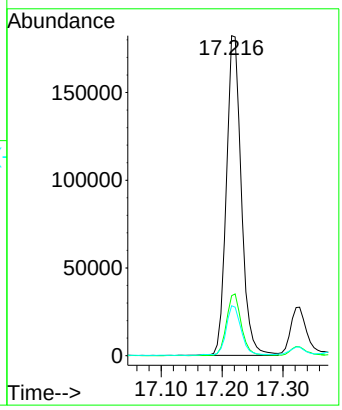


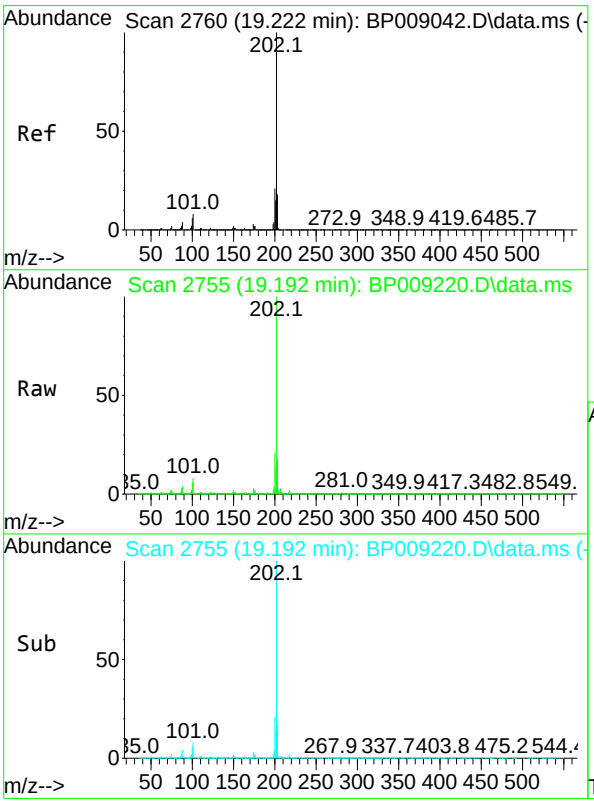
#71
Phenanthrene
Concen: 4.108 ng
RT: 17.216 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:178 Resp: 310735

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.0	24.0
179	15.6	13.0	19.4

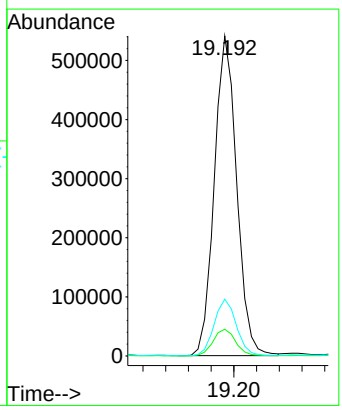


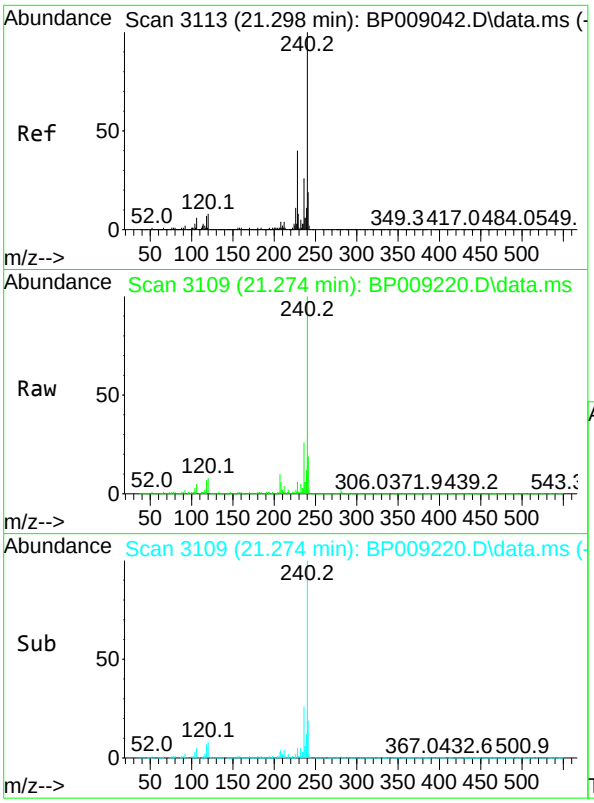


#75
Fluoranthene
Concen: 8.744 ng
RT: 19.192 min Scan# 2755
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:202 Resp: 741267

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.7
203	17.7	0.0	38.9



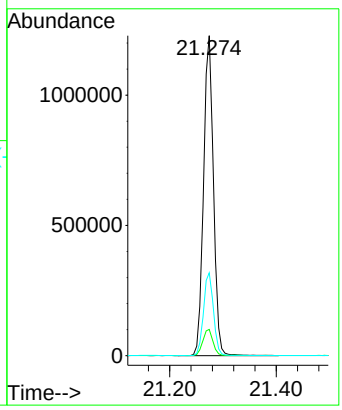


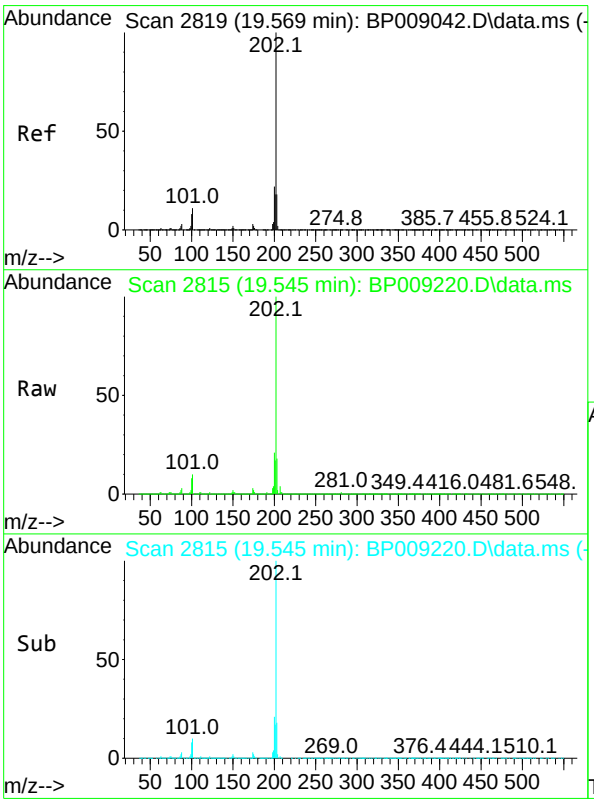
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:240 Resp: 1581458

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.7	11.5
236	25.9	21.2	31.8

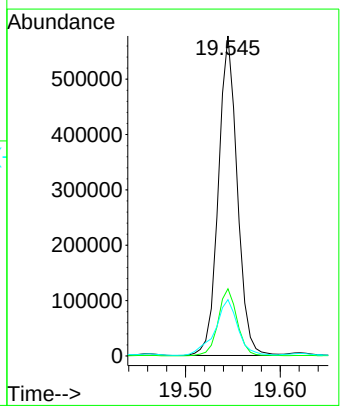


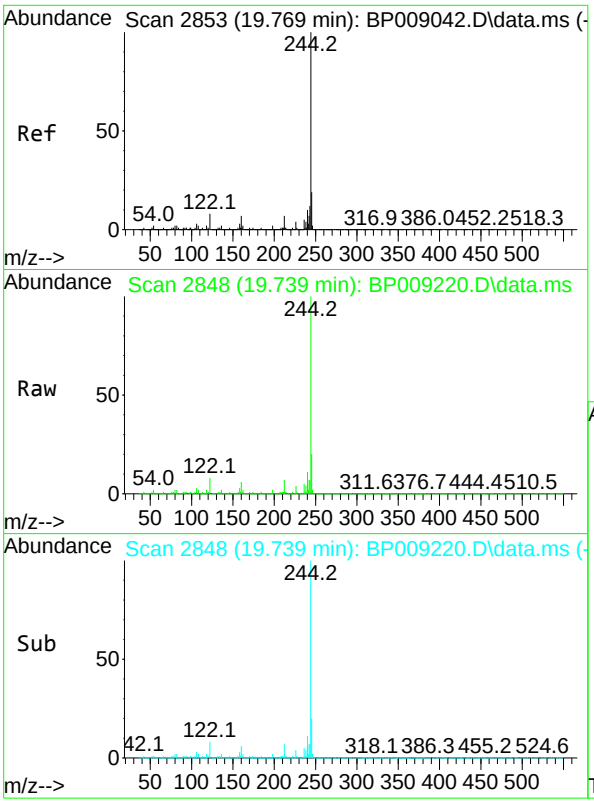


#78
Pyrene
Concen: 7.125 ng
RT: 19.545 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:202 Resp: 801548

Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.0	27.0
203	17.6	15.0	22.6



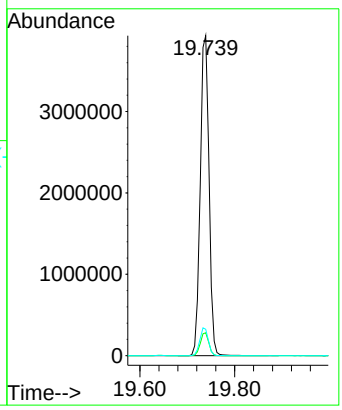


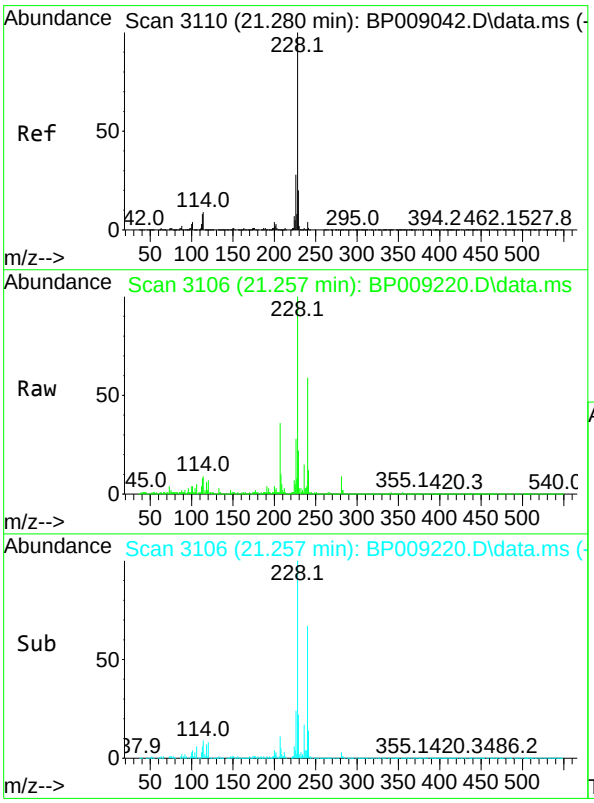
#79
Terphenyl-d14
Concen: 57.535 ng
RT: 19.739 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:244 Resp: 5059662

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

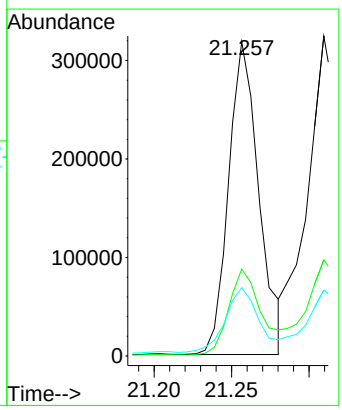


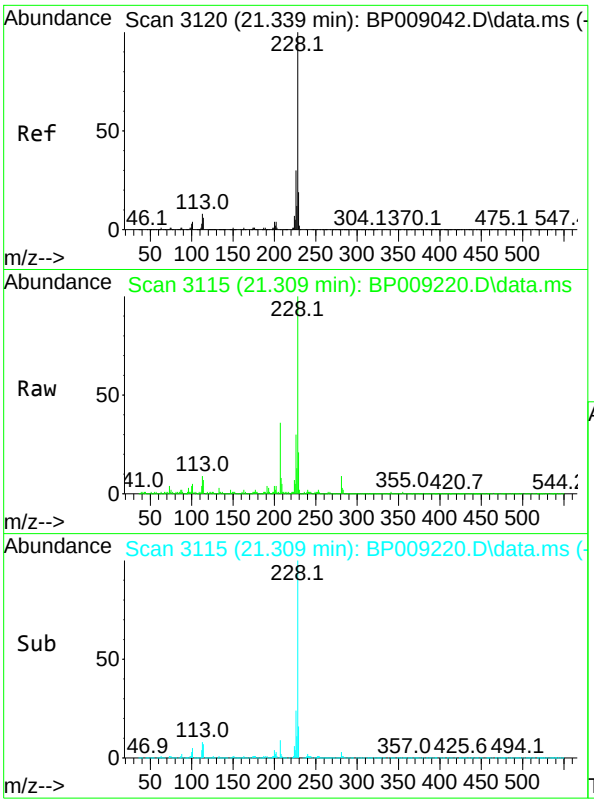


#81
Benzo(a)anthracene
Concen: 4.235 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:228 Resp: 431632

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.3	34.9
229	21.7	17.0	25.6



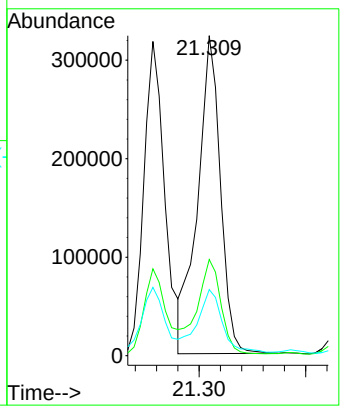


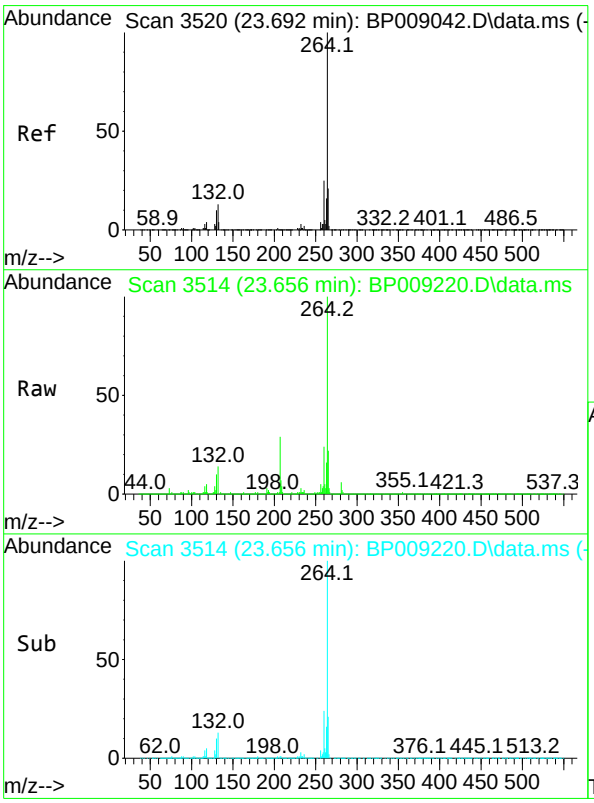
#83
Chrysene
Concen: 4.890 ng
RT: 21.309 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:228 Resp: 480380

Ion	Ratio	Lower	Upper
228	100		
226	30.1	26.0	39.0
229	20.6	16.9	25.3

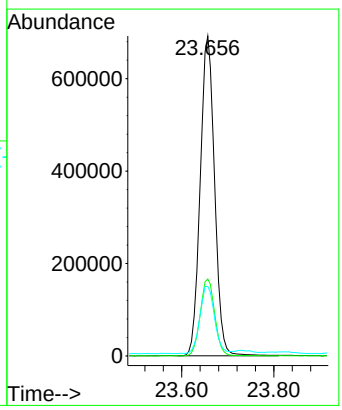


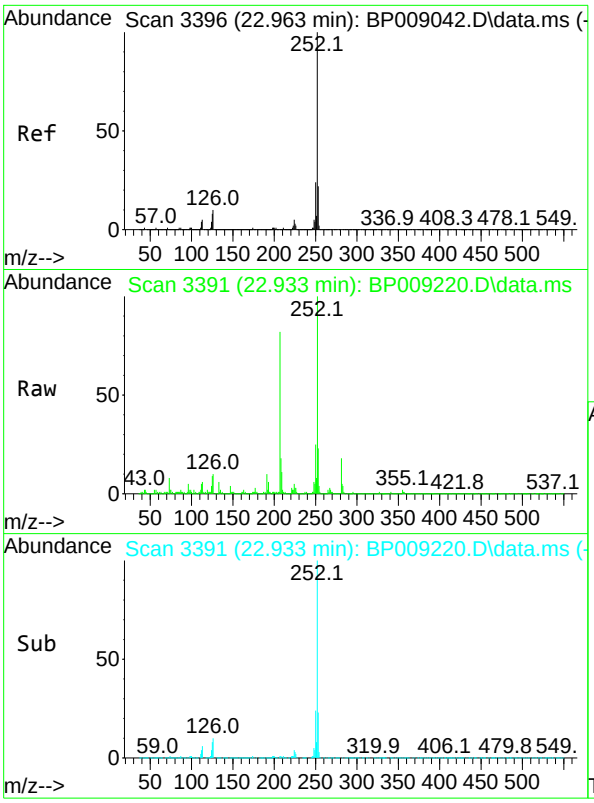


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.656 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:264 Resp: 1504417

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	17.1	25.7



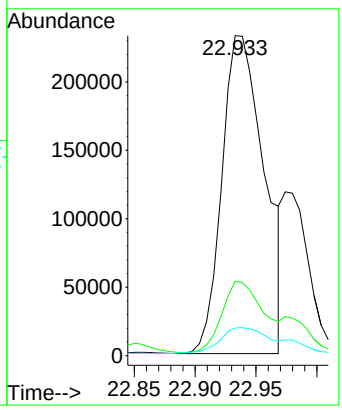


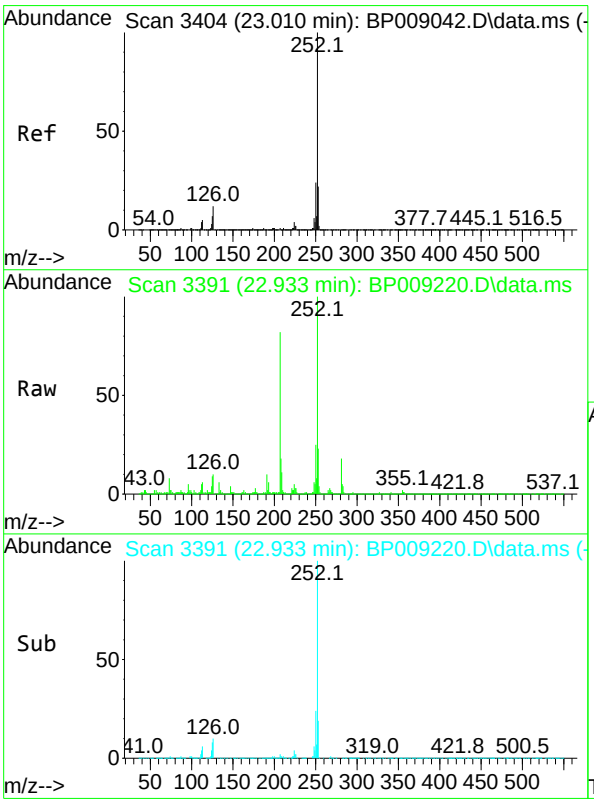
#88
Benzo(b)fluoranthene
Concen: 6.069 ng
RT: 22.933 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:252 Resp: 562057

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	8.7	6.9	10.3

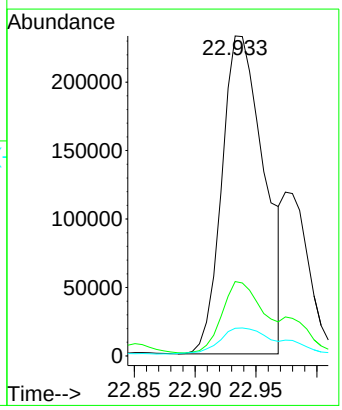


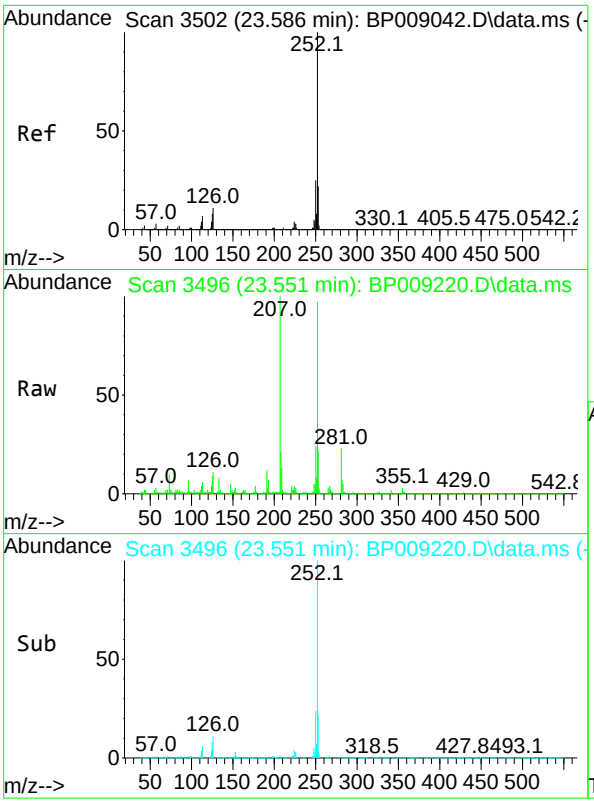


#89
Benzo(k)fluoranthene
Concen: 6.083 ng
RT: 22.933 min Scan# 3391
Delta R.T. -0.053 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:252 Resp: 562057

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.7	7.3	10.9



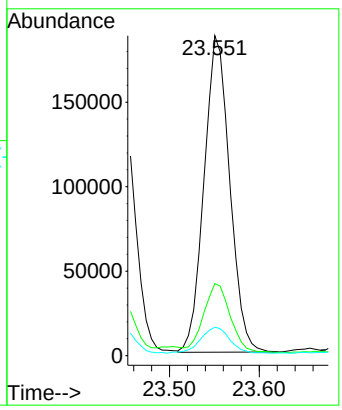


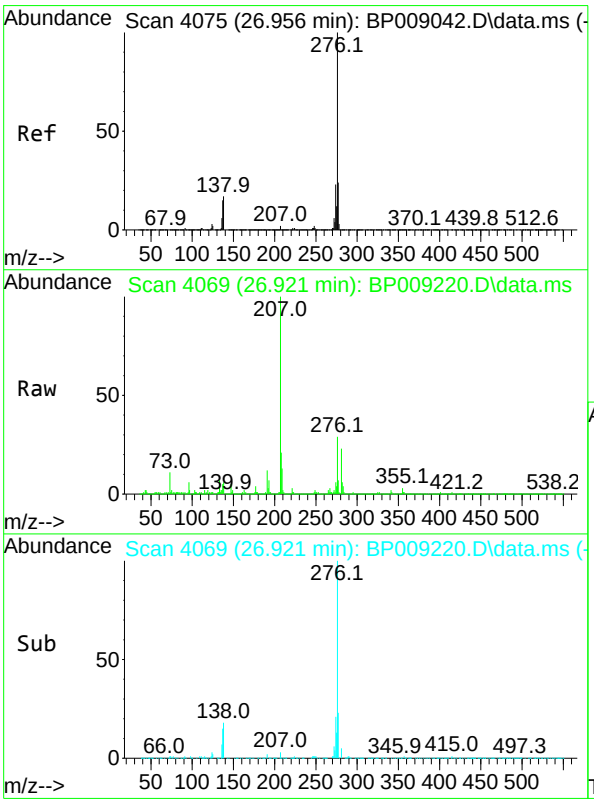
#90
Benzo(a)pyrene
Concen: 4.818 ng
RT: 23.551 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:252 Resp: 372038

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	8.9	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 2.351 ng
RT: 26.921 min Scan# 4069
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:276 Resp: 215011

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	19.1	15.0	22.4