Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

Quant Time: Dec 06 00:01:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	113619	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	432848	20.000	ng		0.00
39) Acenaphthene-d10	14.440	164	288360	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	577129	20.000	ng		0.00
76) Chrysene-d12	21.310	240	416508	20.000	ng		0.00
86) Perylene-d12	23.704	264	469376	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	98320	13.933	ng		0.00
7) Phenol-d6	6.981	99	123029	12.915	ng		0.00
23) Nitrobenzene-d5	8.952	82	85411	8.973	ng		-0.01
42) 2,4,6-Tribromophenol	15.945	330	41415	11.237	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	187330	9.436	ng		0.00
79) Terphenyl-d14	19.775	244	232817	11.682	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.934	77	165	Below Cal		#	41
58) Fluorene	15.498	166	53052	2.515	ng		97
71) Phenanthrene	17.245	178	637050	20.907	ng		100
72) Anthracene	17.339	178	162303	5.367	ng		99
75) Fluoranthene	19.222	202	550974	13.422	ng		98
78) Pyrene	19.575	202	533396	18.828	ng		98
81) Benzo(a)anthracene	21.292	228	233340	8.453	ng		98
83) Chrysene	21.345	228	211584	8.055	ng		95
87) Indeno(1,2,3-cd)pyrene	26.204	276	112133	3.284	ng		96
88) Benzo(b)fluoranthene	22.980	252	224618	7.938	ng	#	92
89) Benzo(k)fluoranthene	22.980	252	224618	8.108	ng	#	91
90) Benzo(a)pyrene	23.598	252	186767	7.723	ng		97
92) Benzo(g,h,i)perylene	26.974	276	113625	3.971	ng		98

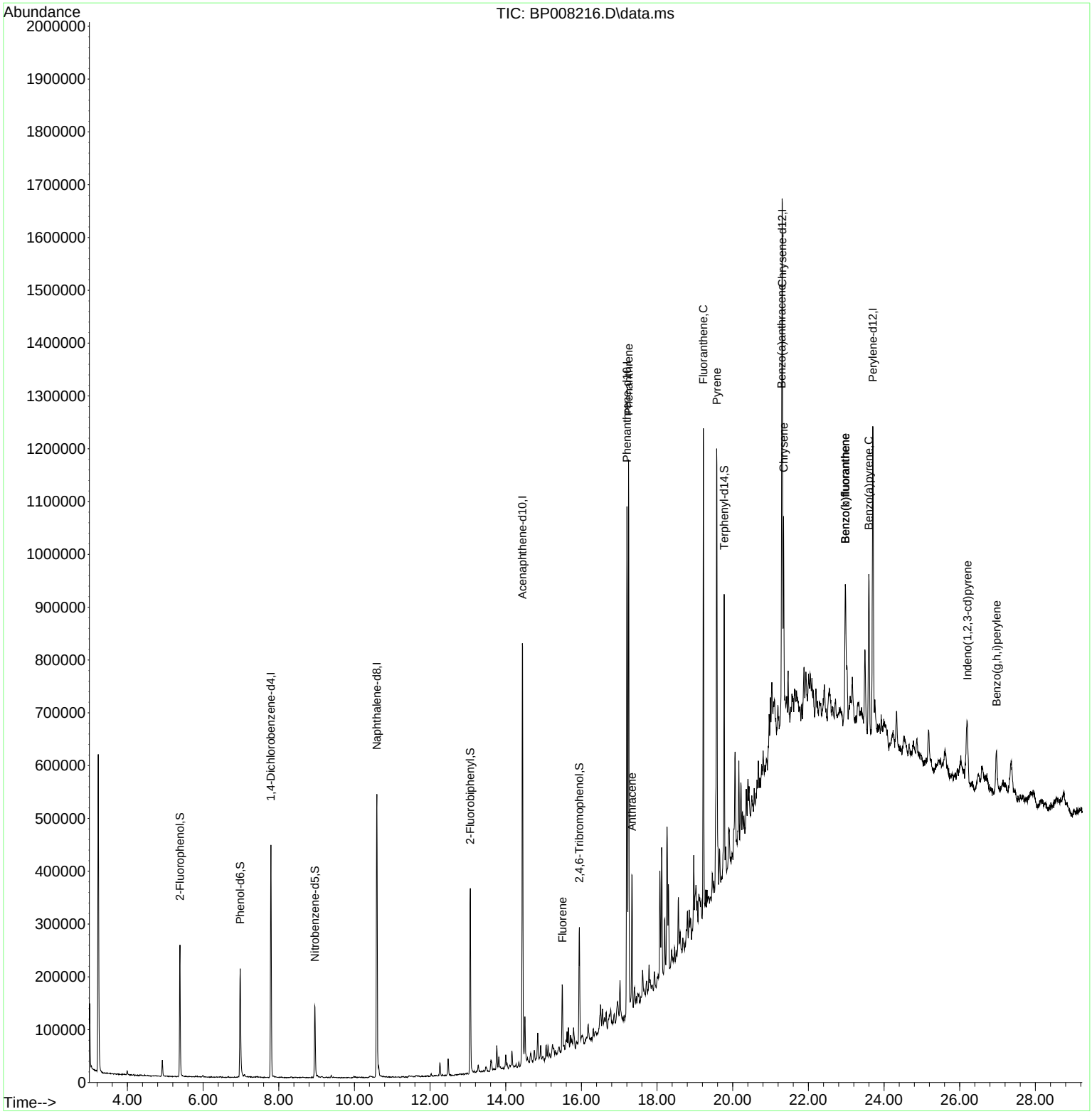
(#) = qualifier out of range (m) = manual integration (+) = signals summed

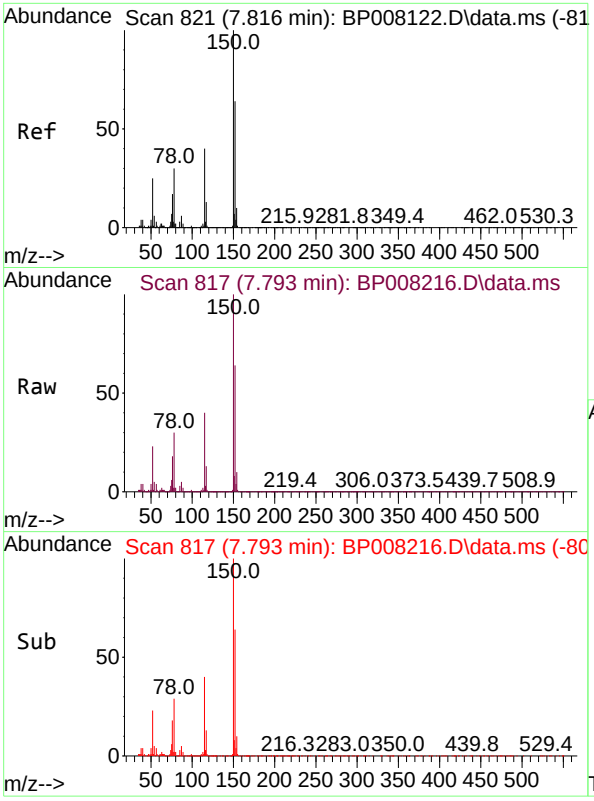
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008216.D
Acq On : 03 Dec 2021 21:24
Operator : CG/JU
Sample : M4915-10 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-5-4

Quant Time: Dec 06 00:01:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration



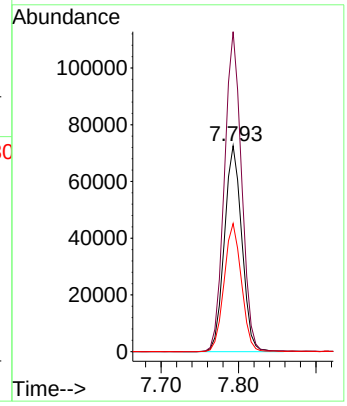


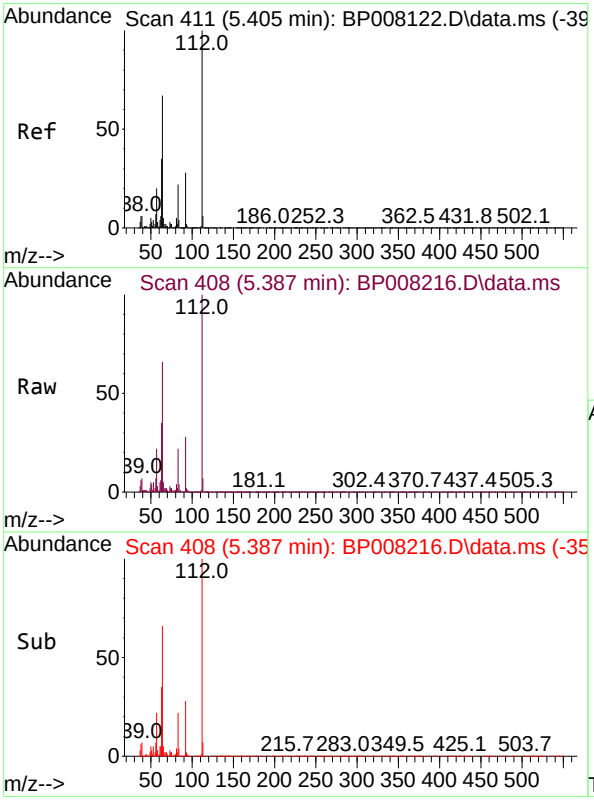
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:152 Resp: 113619

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.7	188.5
115	62.3	50.7	76.1

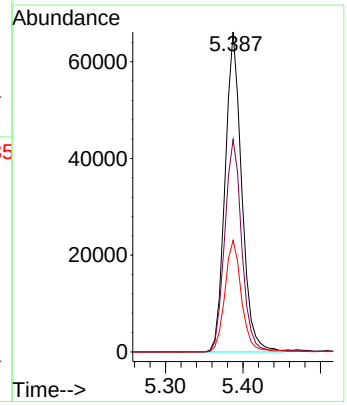


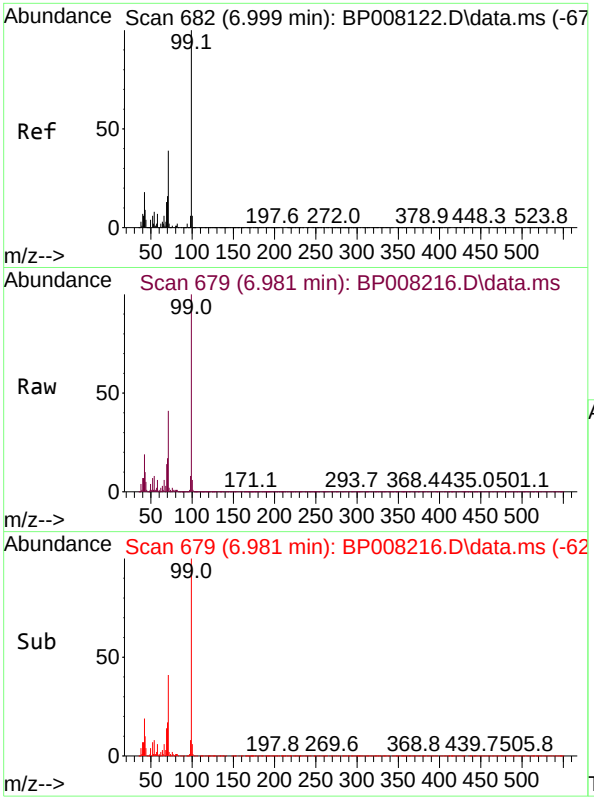


#5
2-Fluorophenol
Concen: 13.933 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:112 Resp: 98320

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.4	80.2
63	34.9	27.8	41.8



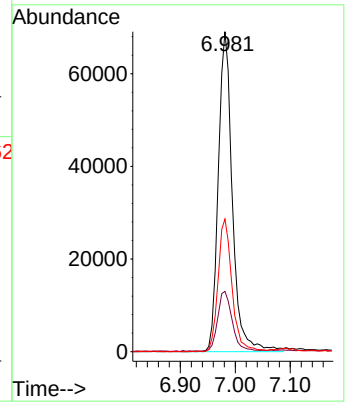


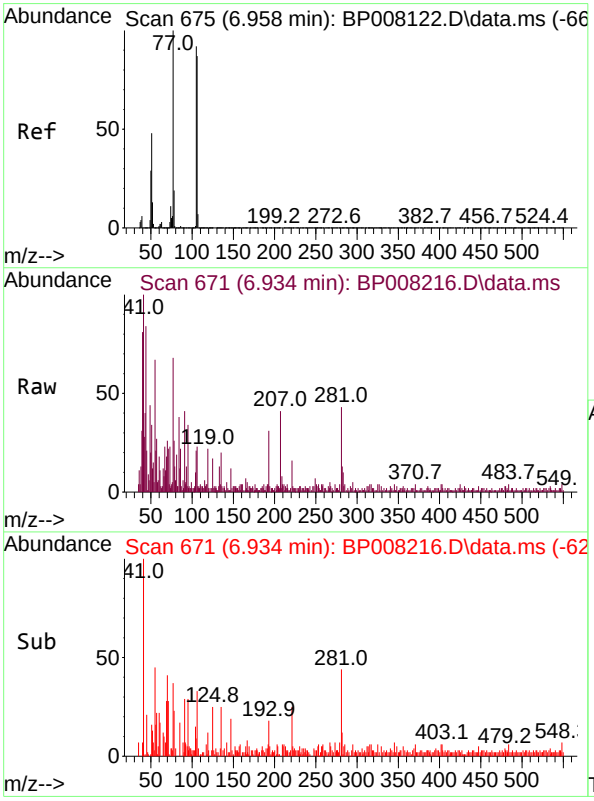
#7
Phenol-d6
Concen: 12.915 ng
RT: 6.981 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion: 99 Resp: 123029

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	41.5	31.1	46.7

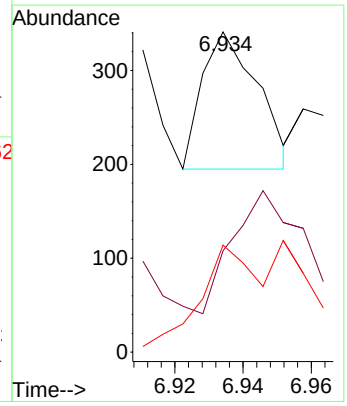


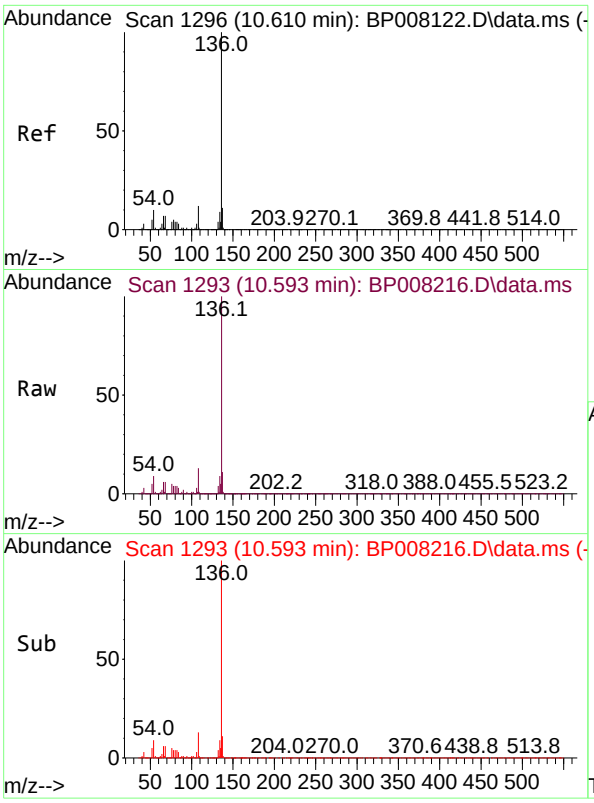


#9
Benzaldehyde
Concen: Below Cal
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion: 77 Resp: 165

Ion	Ratio	Lower	Upper
77	100		
105	31.7	71.8	111.8#
106	37.5	67.3	107.3#



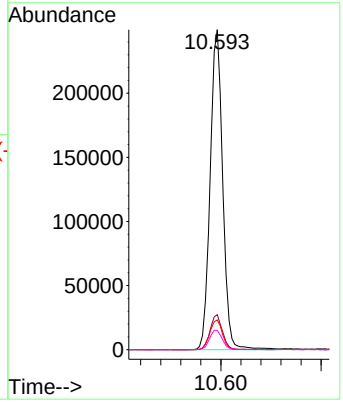


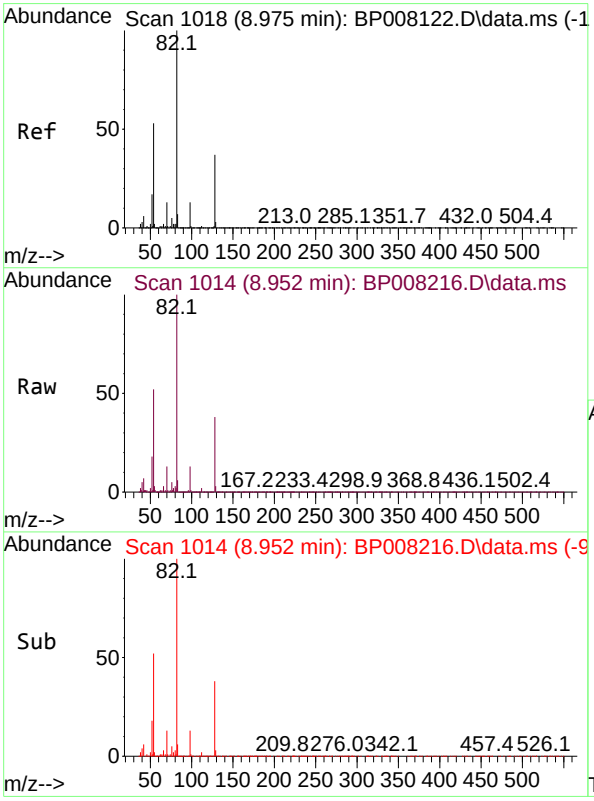
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:136 Resp: 432848

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.3	8.2	12.4
68	6.0	5.8	8.8

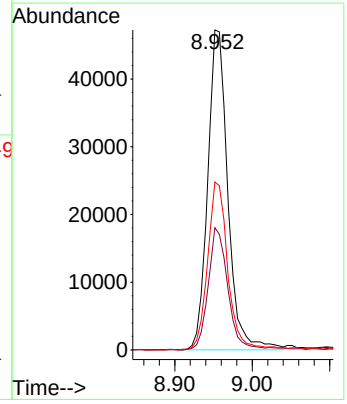


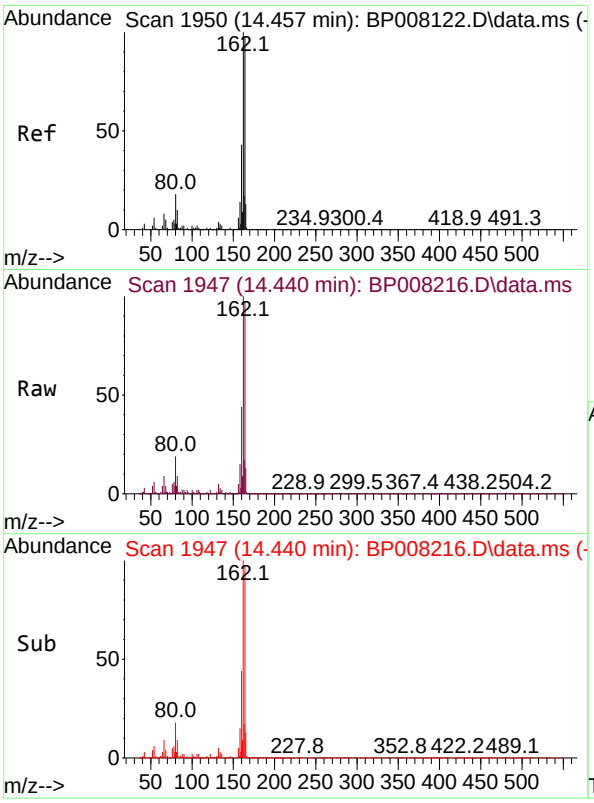


#23
Nitrobenzene-d5
Concen: 8.973 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion: 82 Resp: 85411

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.6	44.4
54	52.5	42.7	64.1



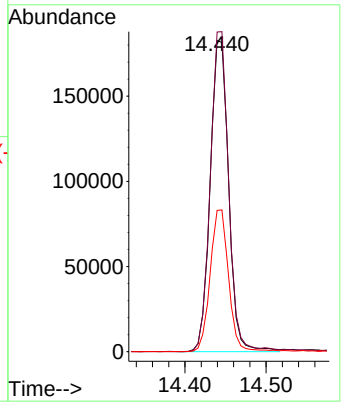


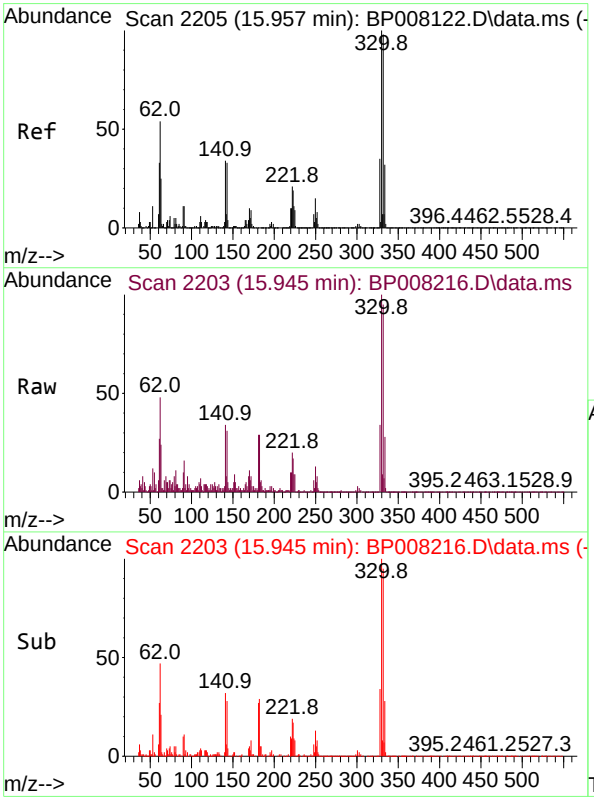
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:164 Resp: 288360

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.9	122.9
160	45.4	35.4	53.0

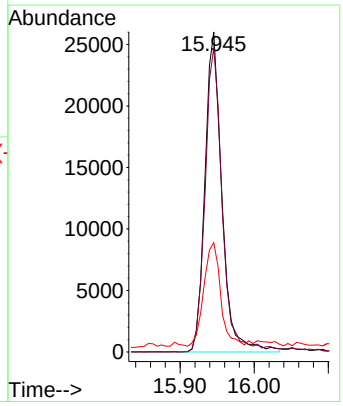


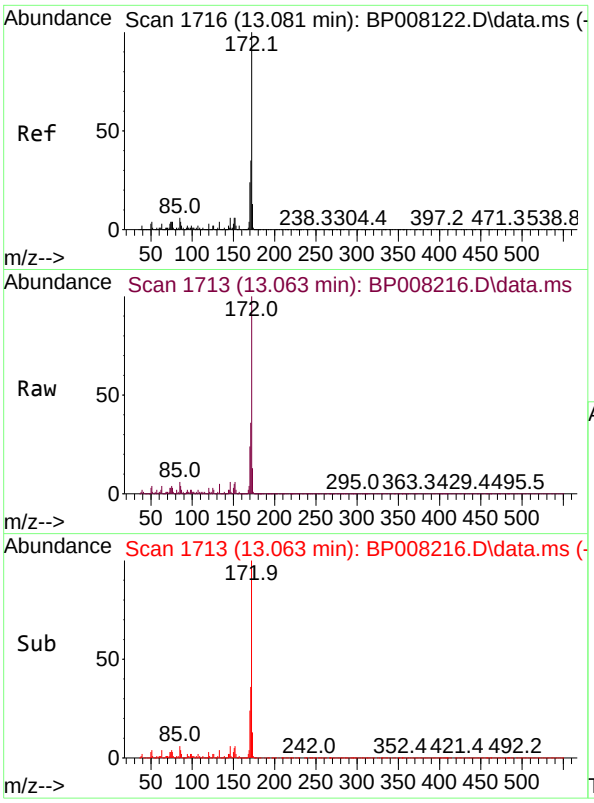


#42
2,4,6-Tribromophenol
Concen: 11.237 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:330 Resp: 41415

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	32.3	28.4	42.6



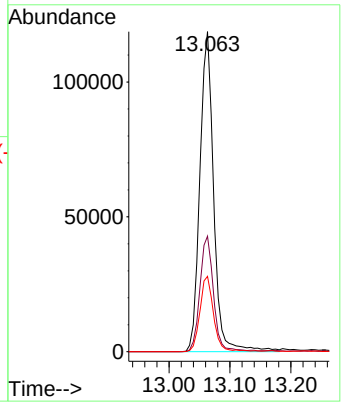


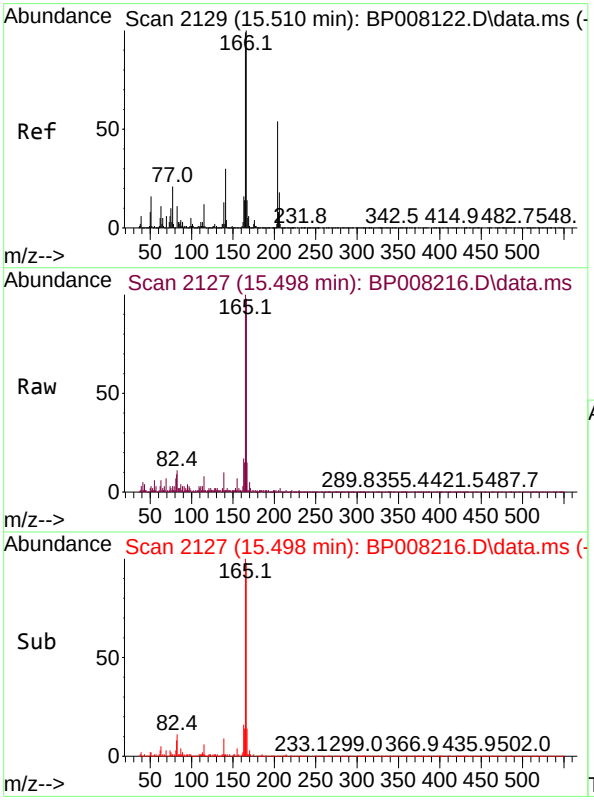
#45
2-Fluorobiphenyl
Concen: 9.436 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:172 Resp: 187330

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.0	42.0
170	23.6	18.9	28.3

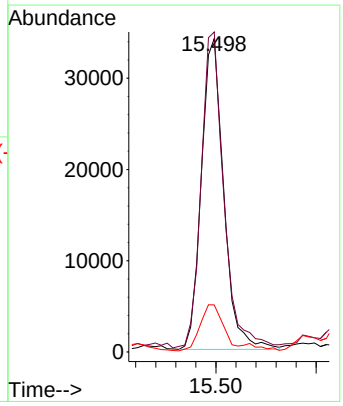


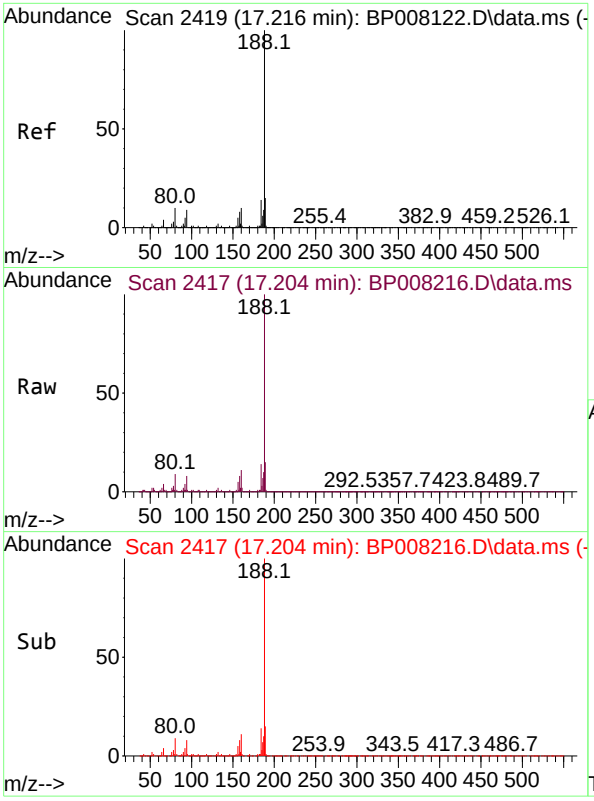


#58
Fluorene
Concen: 2.515 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:166 Resp: 53052

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.4	119.2
167	15.0	10.9	16.3



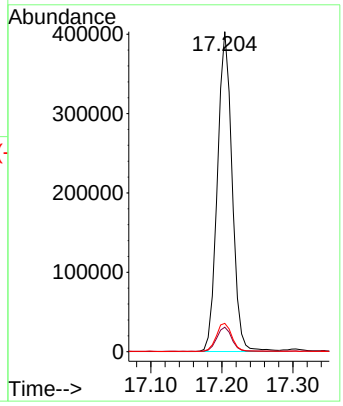


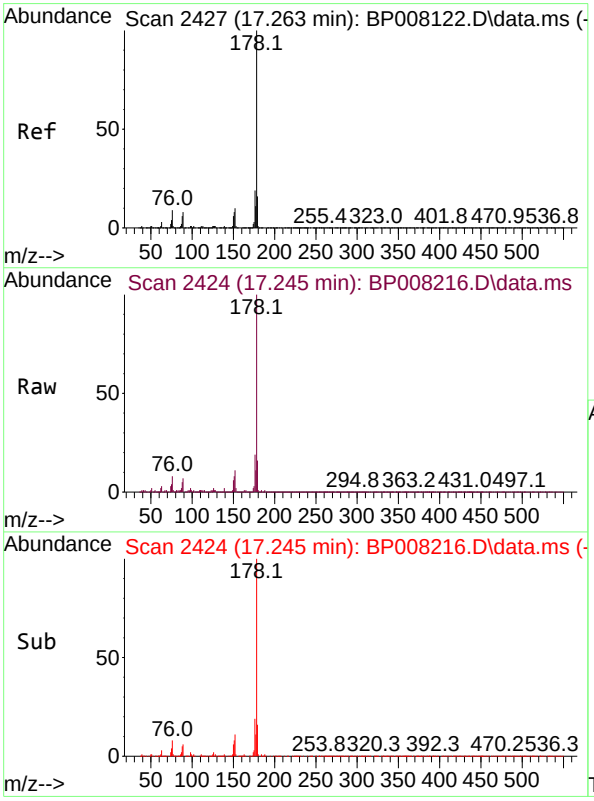
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:188 Resp: 577129

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	8.9	8.2	12.4

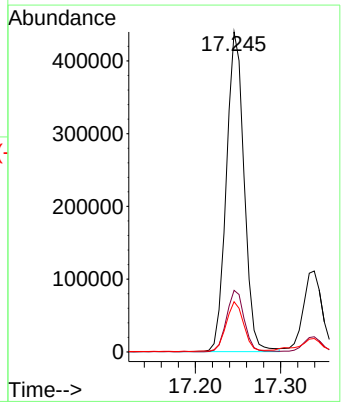


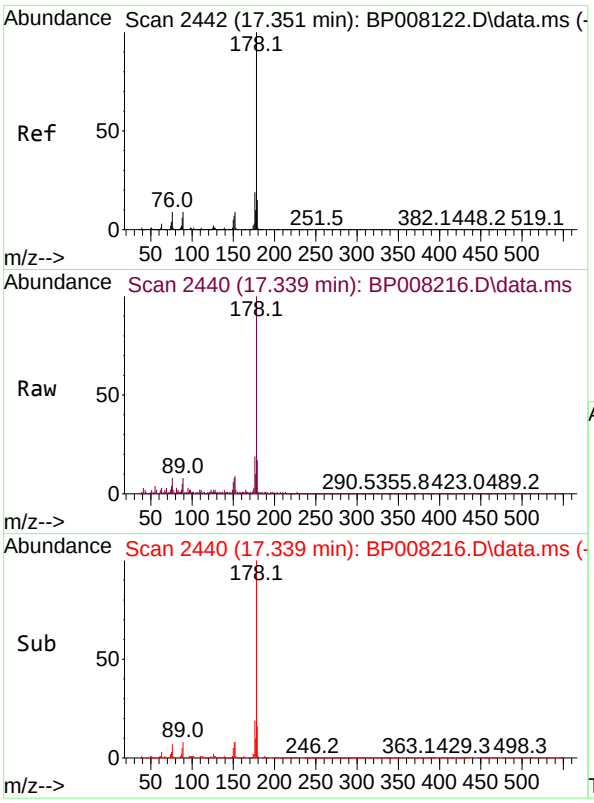


#71
Phenanthrene
Concen: 20.907 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:178 Resp: 637050

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.5	18.7



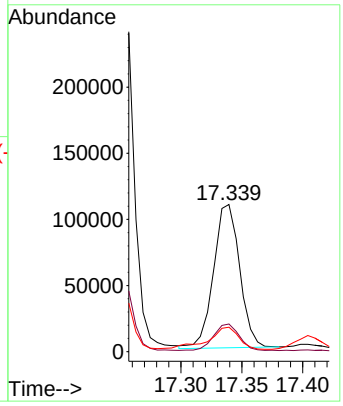


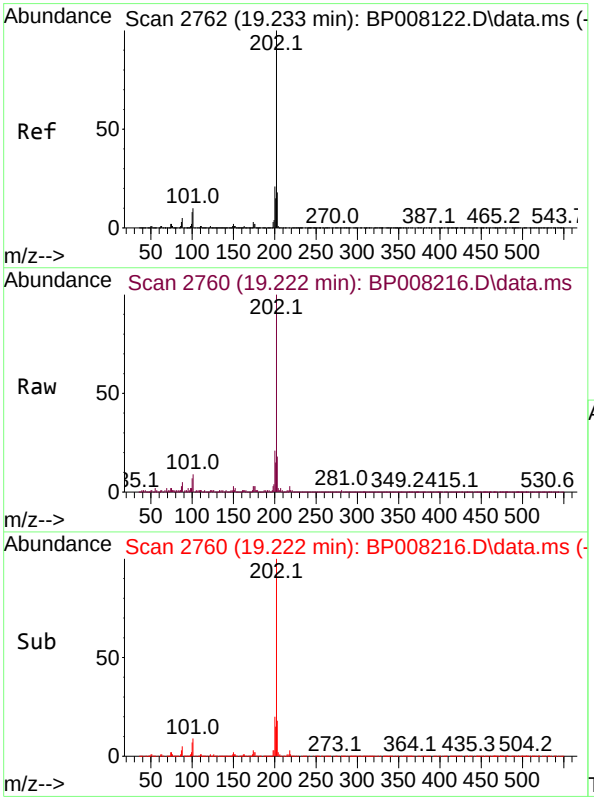
#72
Anthracene
Concen: 5.367 ng
RT: 17.339 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:178 Resp: 162303

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.7	12.3	18.5

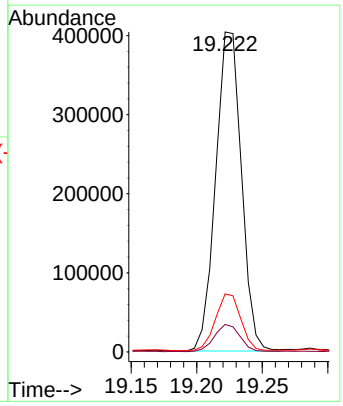


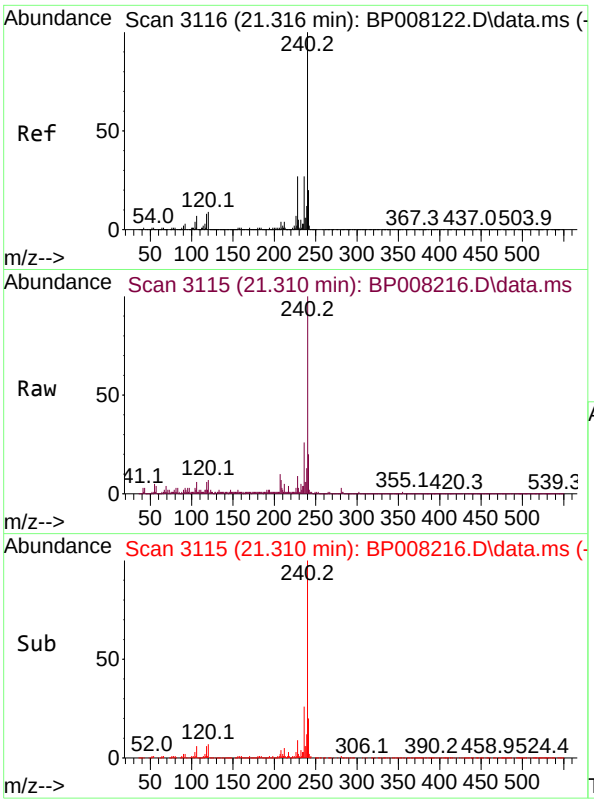


#75
Fluoranthene
Concen: 13.422 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.012 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:202 Resp: 550974

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.8
203	18.1	0.0	37.7



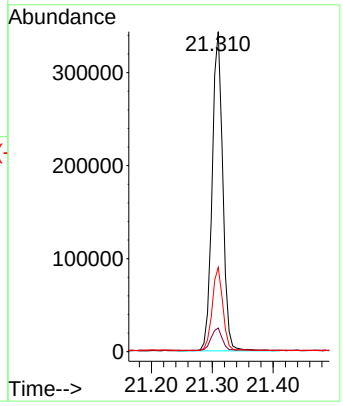


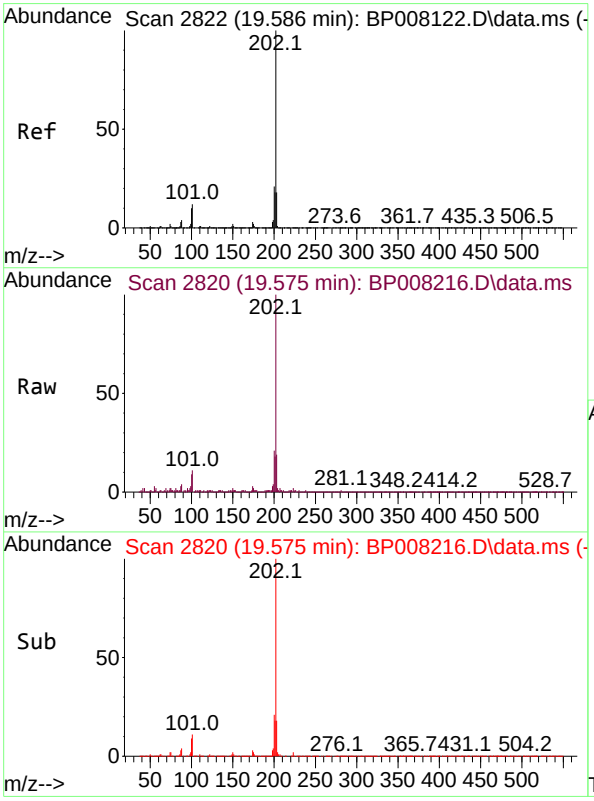
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:240 Resp: 416508

Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.3	10.9
236	26.4	21.4	32.2

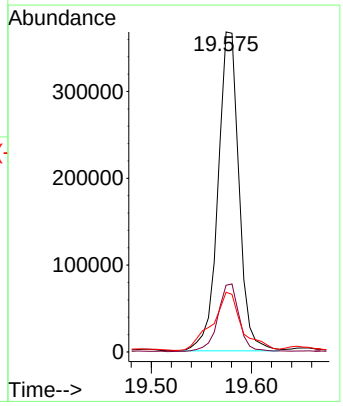


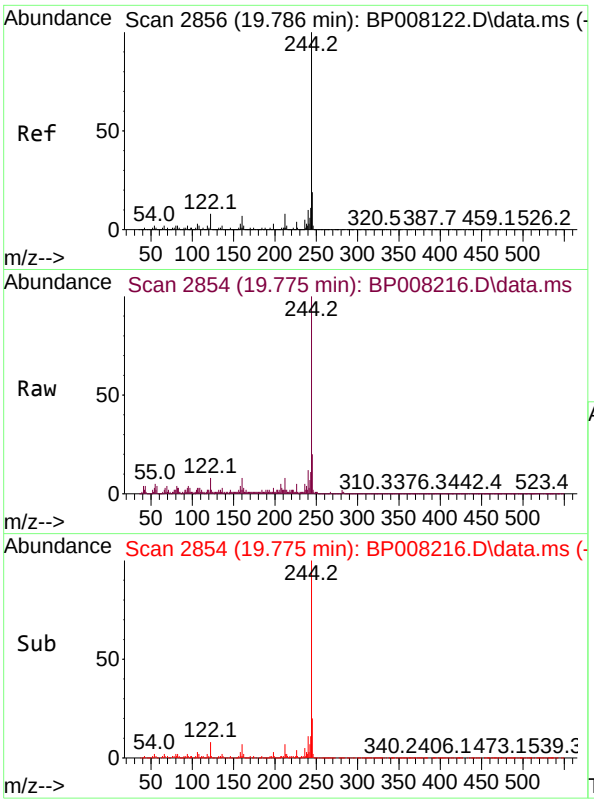


#78
Pyrene
Concen: 18.828 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:202 Resp: 533396

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	18.6	14.2	21.2



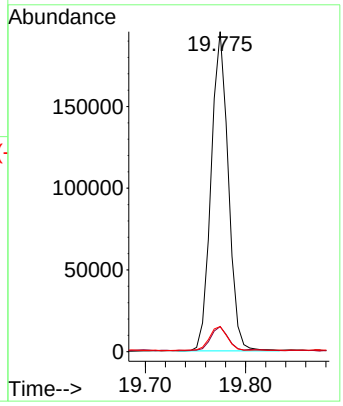


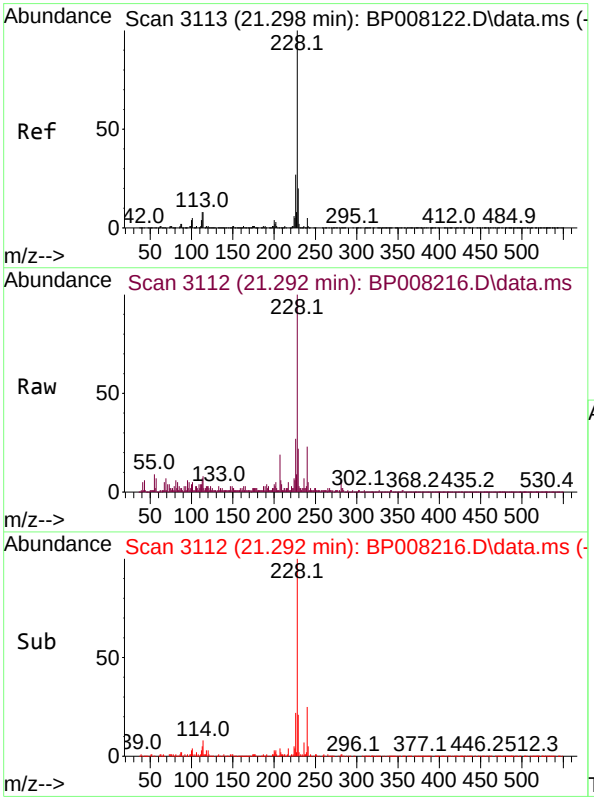
#79
Terphenyl-d14
Concen: 11.682 ng
RT: 19.775 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:244 Resp: 232817

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	7.9	6.6	9.8

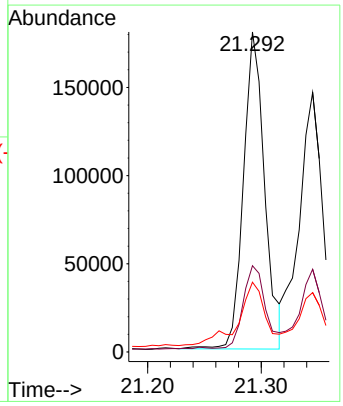


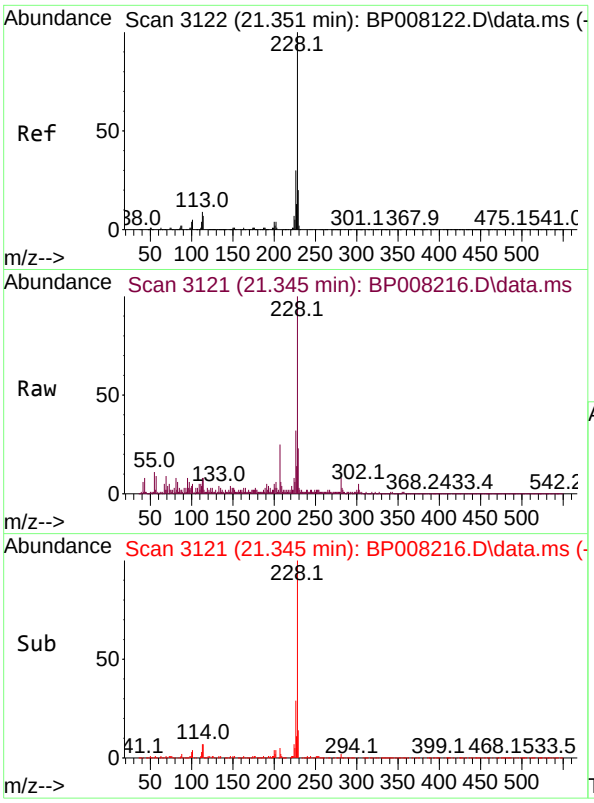


#81
Benzo(a)anthracene
Concen: 8.453 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:228 Resp: 233340

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.9	32.9
229	21.8	15.9	23.9



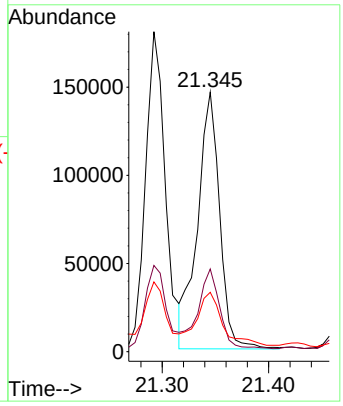


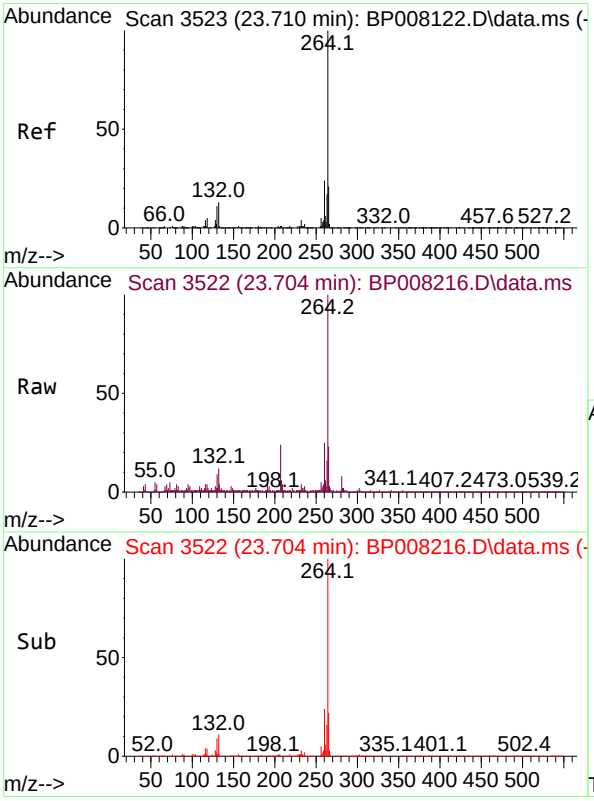
#83
Chrysene
Concen: 8.055 ng
RT: 21.345 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:228 Resp: 211584

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	22.9	15.8	23.8

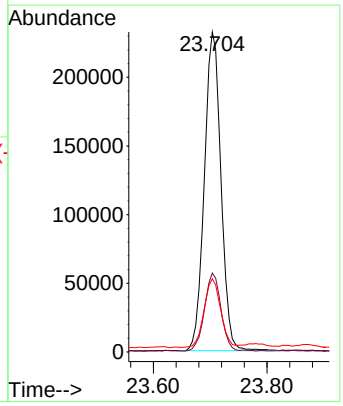


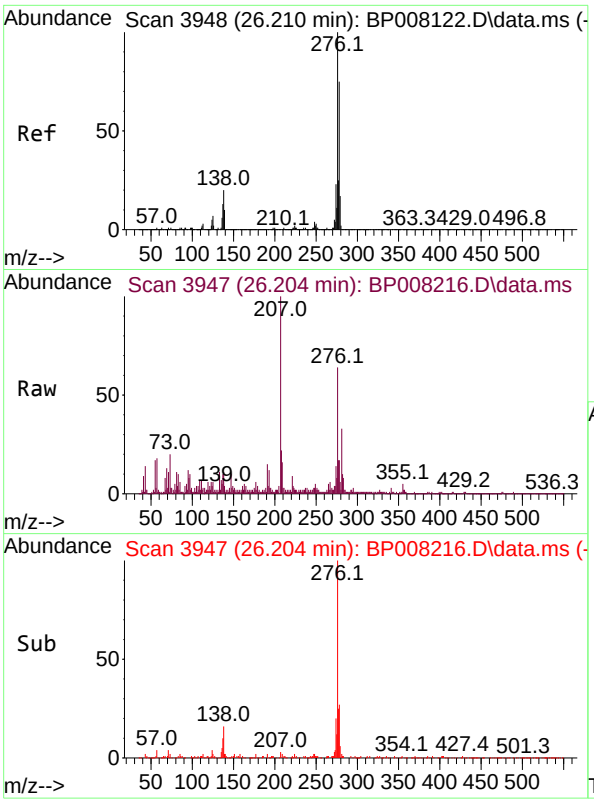


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:264 Resp: 469376

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.8	17.6	26.4



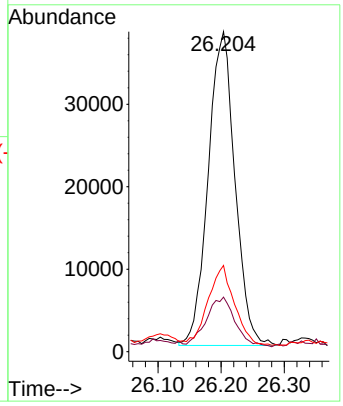


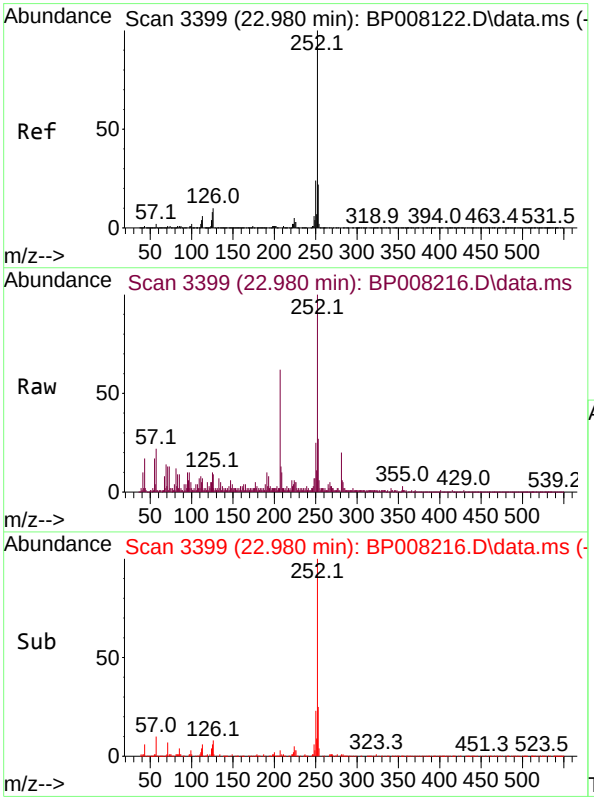
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.284 ng
RT: 26.204 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:276 Resp: 112133

Ion	Ratio	Lower	Upper
276	100		
138	17.1	16.6	25.0
277	25.1	20.2	30.2

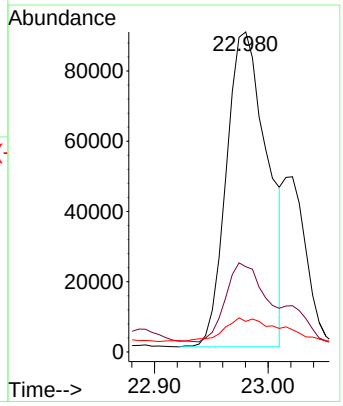


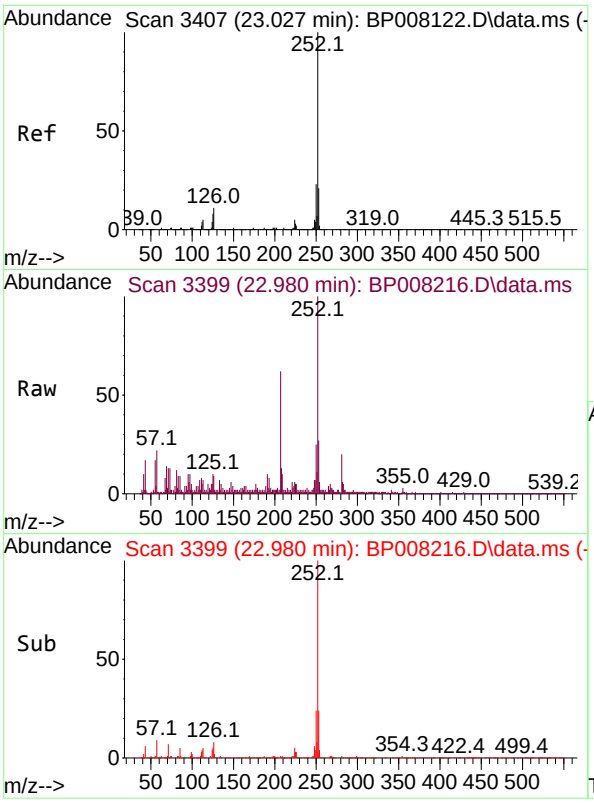


#88
Benzo(b)fluoranthene
Concen: 7.938 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:252 Resp: 224618

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.7	26.5#
125	9.6	6.2	9.4#



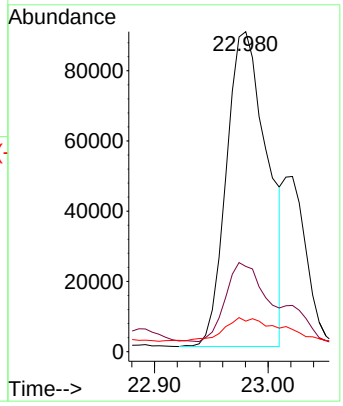


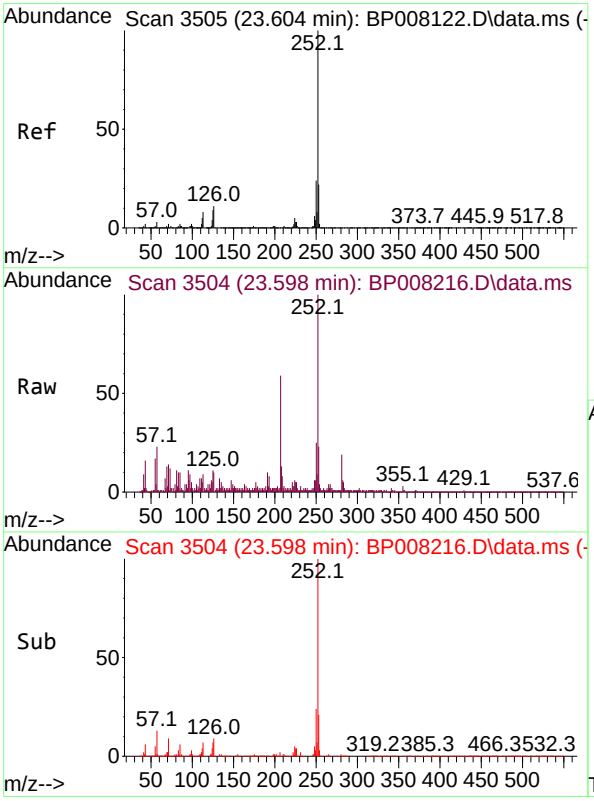
#89
Benzo(k)fluoranthene
Concen: 8.108 ng
RT: 22.980 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:252 Resp: 224618

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.3	25.9#
125	9.6	6.5	9.7

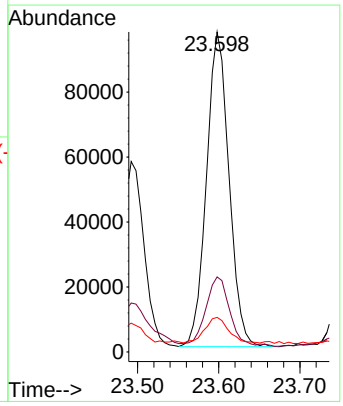


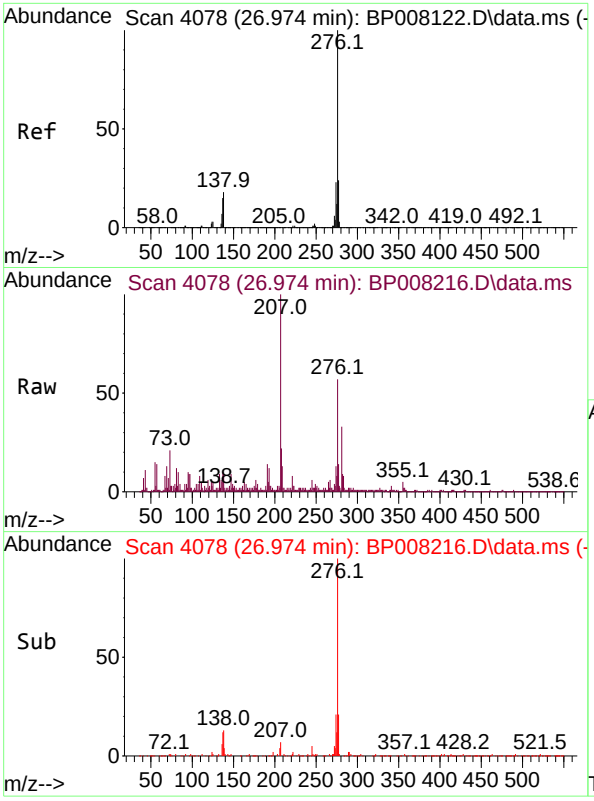


#90
Benzo(a)pyrene
Concen: 7.723 ng
RT: 23.598 min Scan# 3504
Delta R.T. -0.012 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Tgt Ion:252 Resp: 186767

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	10.8	7.4	11.0





#92
Benzo(g,h,i)perylene
Concen: 3.971 ng
RT: 26.974 min Scan# 4
Delta R.T. -0.023 min
Lab File: BP008216.D
Acq: 03 Dec 2021 21:24

Instrument :
BNA_P
ClientSampleId :
B-5-4

Tgt Ion:276 Resp: 113625

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.0	30.0
138	18.8	14.1	21.1