Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008370.D
Acq On : 11 Dec 2021 16:11
Operator : CG/JU
Sample : M5018-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 11 20:13:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	57815	20.000	ng		-0.01
21) Naphthalene-d8	10.551	136	200520	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	135646	20.000	ng		0.00
64) Phenanthrene-d10	17.169	188	302678	20.000	ng		-0.01
76) Chrysene-d12	21.280	240	354073	20.000	ng		0.00
86) Perylene-d12	23.657	264	355489	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	539396	150.217	ng		0.00
7) Phenol-d6	6.946	99	730986	150.803	ng		0.00
23) Nitrobenzene-d5	8.916	82	505078	114.540	ng		-0.01
42) 2,4,6-Tribromophenol	15.910	330	299011	172.461	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	963798	103.206	ng		0.00
79) Terphenyl-d14	19.745	244	1779438	105.032	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.946	77	1534	Below Cal		#	11
71) Phenanthrene	17.216	178	35791	2.240	ng		99
72) Anthracene	17.216	178	35791	2.257	ng		99
75) Fluoranthene	19.192	202	132837	6.170	ng		99
78) Pyrene	19.545	202	129843	3.432	ng		98
81) Benzo(a)anthracene	21.263	228	127806	5.446	ng	#	88
83) Chrysene	21.316	228	158946	7.118	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.133	276	63883	2.470	ng		96
88) Benzo(b)fluoranthene	22.933	252	164349	7.669	ng	#	97
89) Benzo(k)fluoranthene	22.933	252	164349	7.833	ng		96
90) Benzo(a)pyrene	23.551	252	126261	6.893	ng		93
92) Benzo(g,h,i)perylene	26.886	276	85122	3.928	ng	#	95

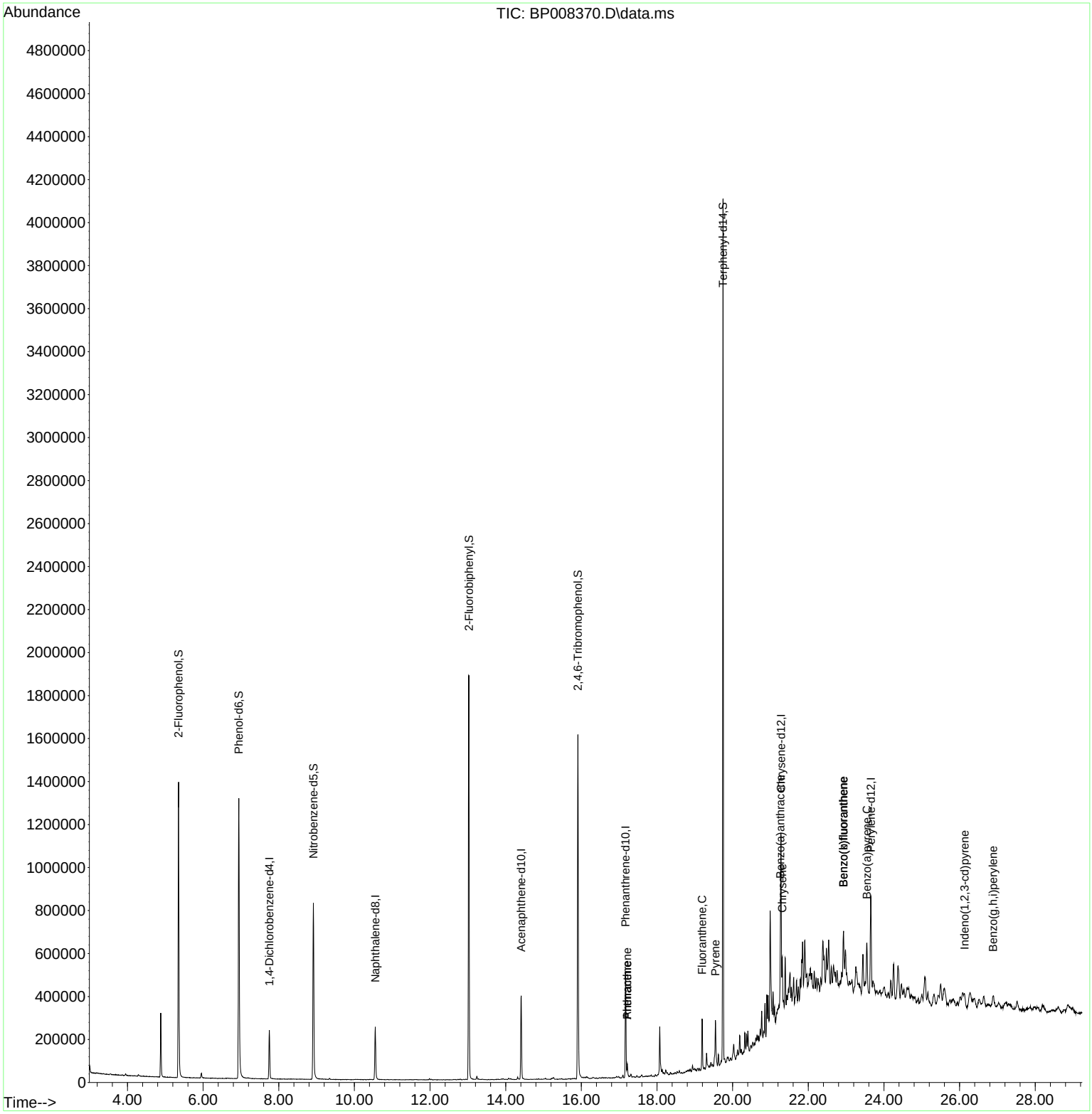
(#) = qualifier out of range (m) = manual integration (+) = signals summed

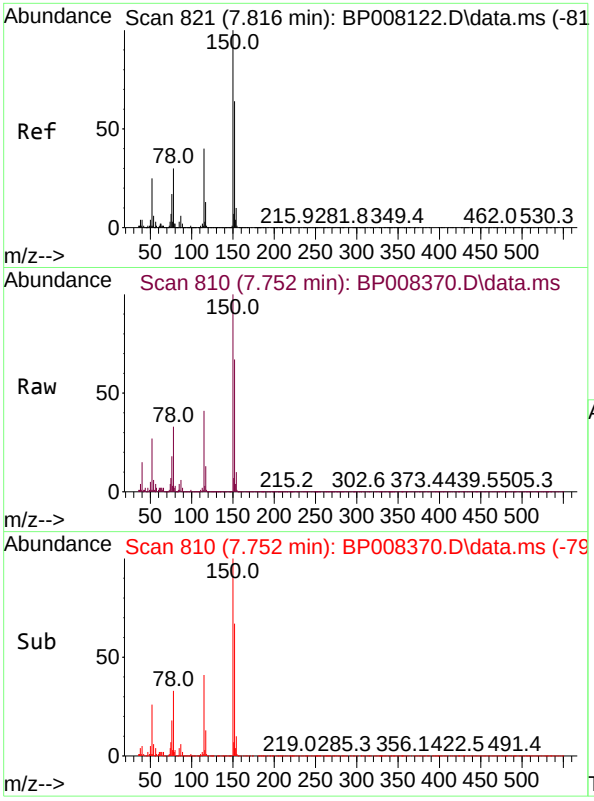
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008370.D
Acq On : 11 Dec 2021 16:11
Operator : CG/JU
Sample : M5018-29
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 11 20:13:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration



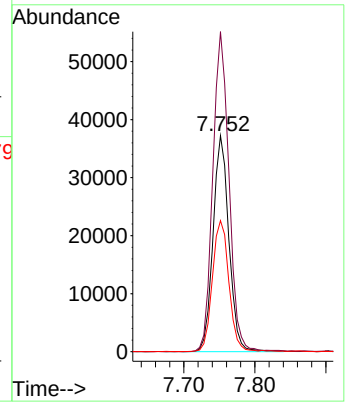


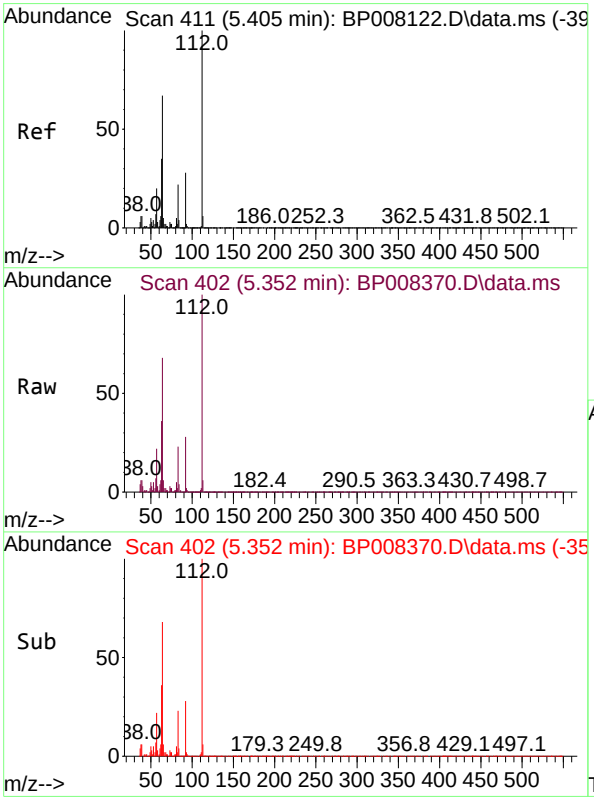
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 8
Delta R.T. -0.011 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 57815

Ion	Ratio	Lower	Upper
152	100		
150	148.2	125.7	188.5
115	60.7	50.7	76.1

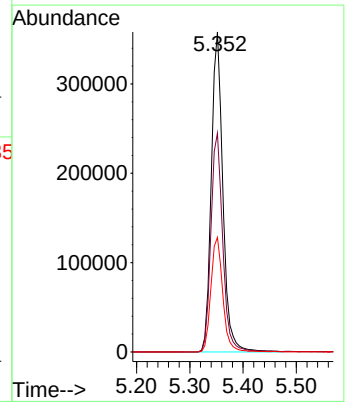


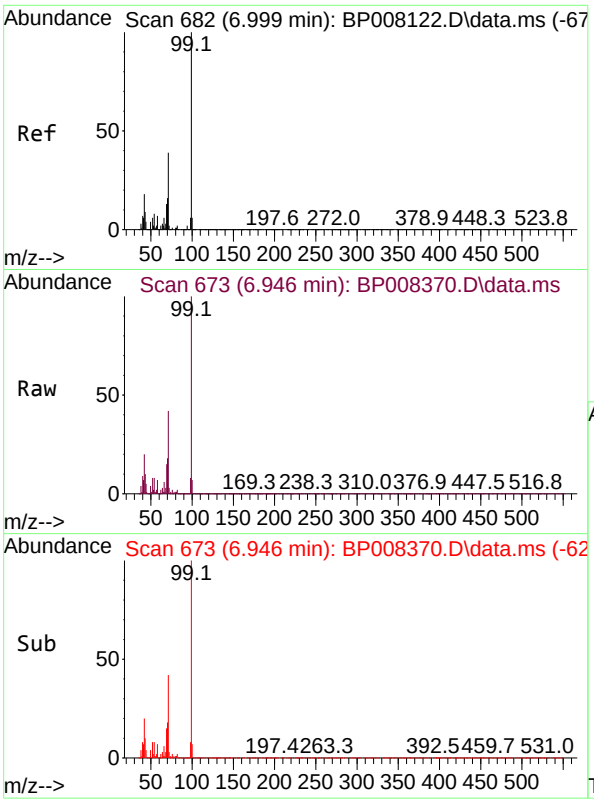


#5
2-Fluorophenol
Concen: 150.217 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:112 Resp: 539396

Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.4	80.2
63	35.8	27.8	41.8



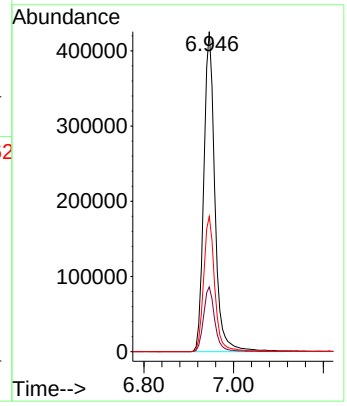


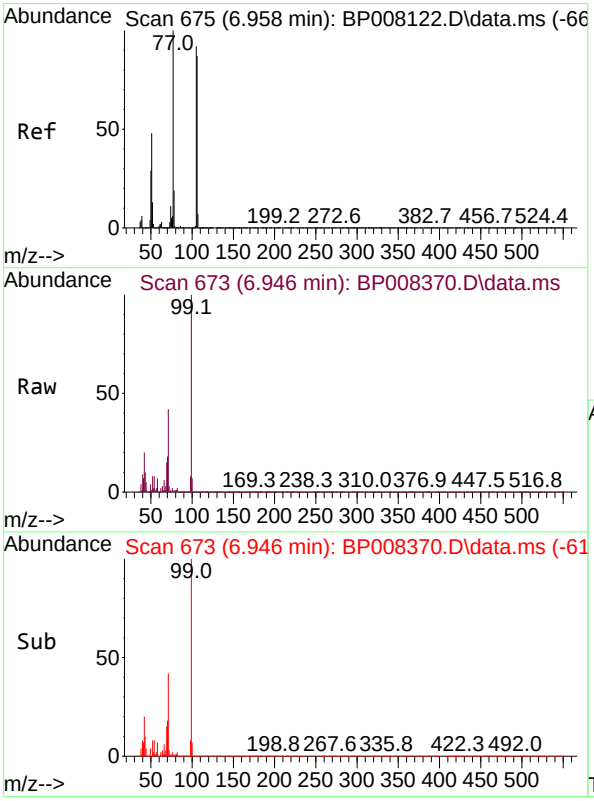
#7
Phenol-d6
Concen: 150.803 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 730986

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.6	22.0
71	42.2	31.1	46.7

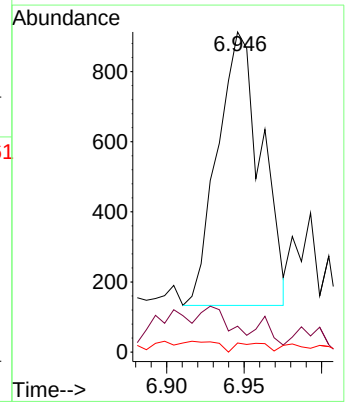


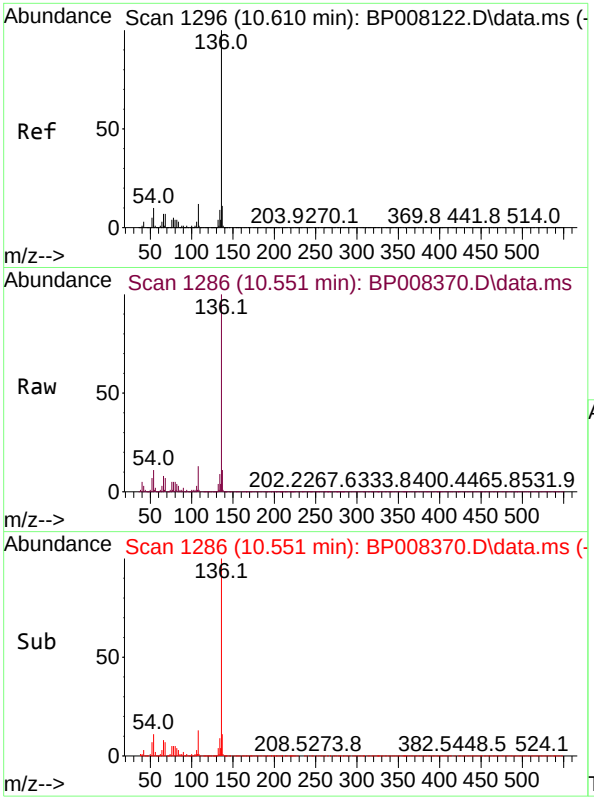


#9
Benzaldehyde
Concen: Below Cal
RT: 6.946 min Scan# 673
Delta R.T. 0.035 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion: 77 Resp: 1534

Ion	Ratio	Lower	Upper
77	100		
105	8.1	71.8	111.8#
106	2.8	67.3	107.3#



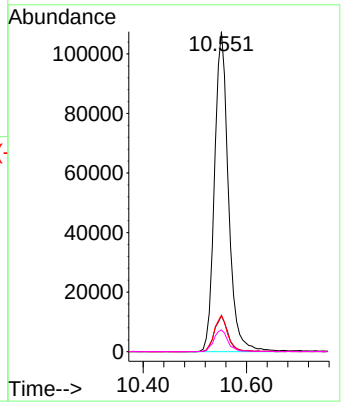


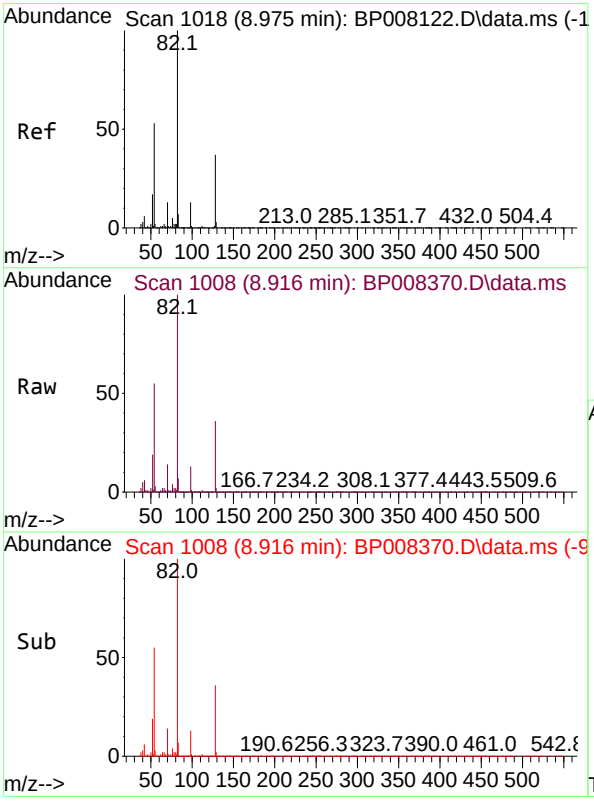
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 200520

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.4	8.2	12.4
68	6.8	5.8	8.8

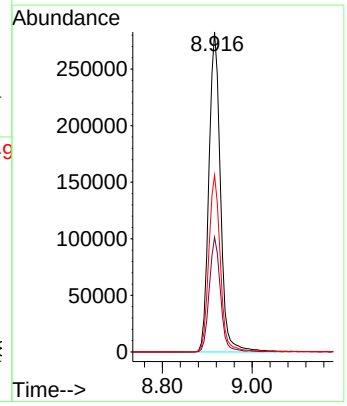


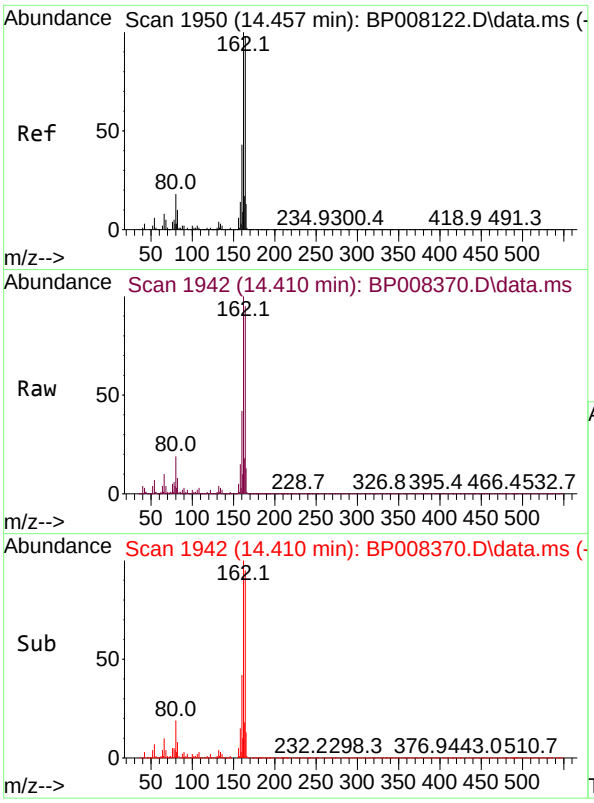


#23
Nitrobenzene-d5
Concen: 114.540 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion: 82 Resp: 505078

Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.6	44.4
54	55.3	42.7	64.1



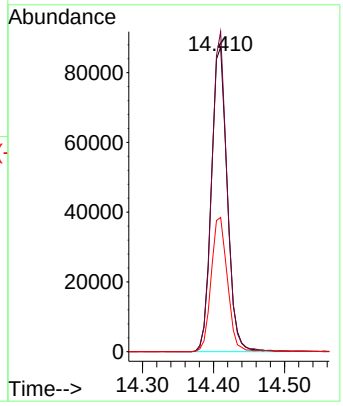


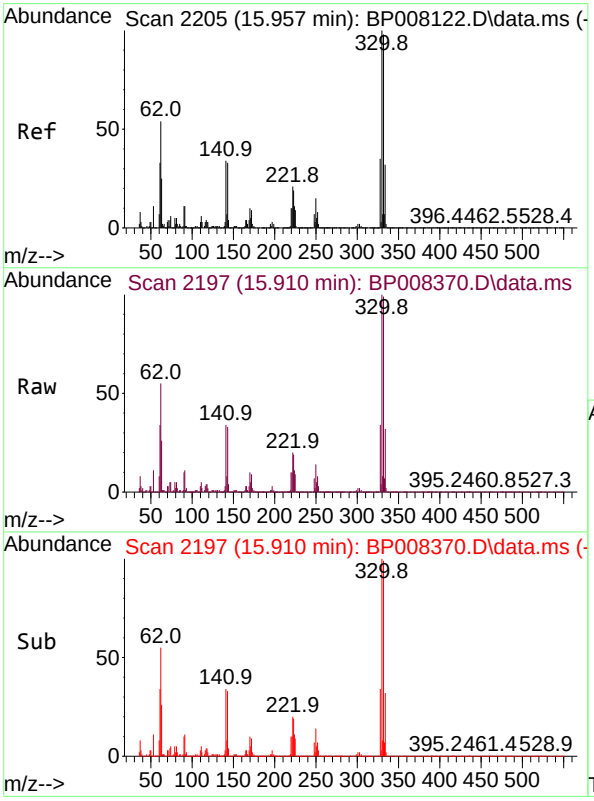
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 135646

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.9	122.9
160	44.0	35.4	53.0

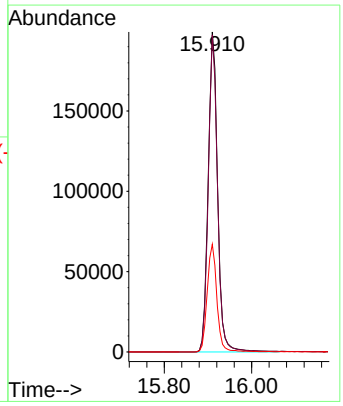


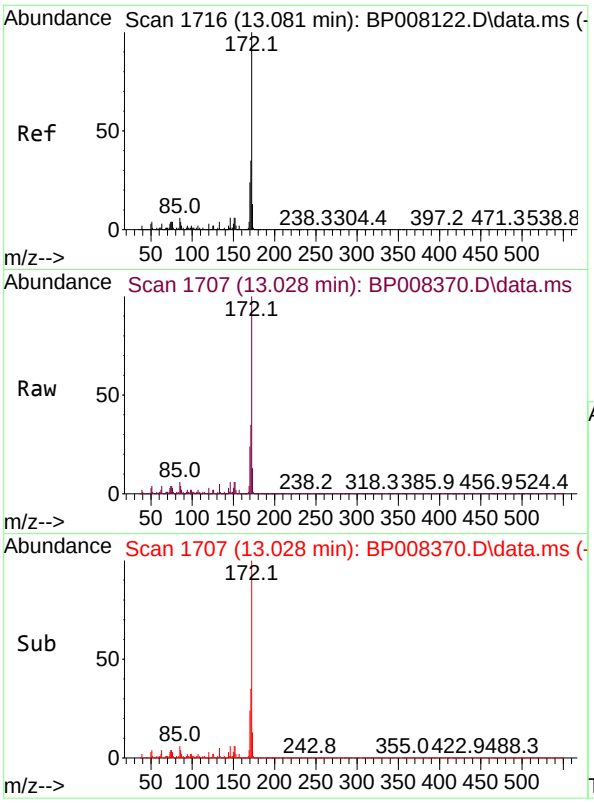


#42
2,4,6-Tribromophenol
Concen: 172.461 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:330 Resp: 299011

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.4
141	34.7	28.4	42.6



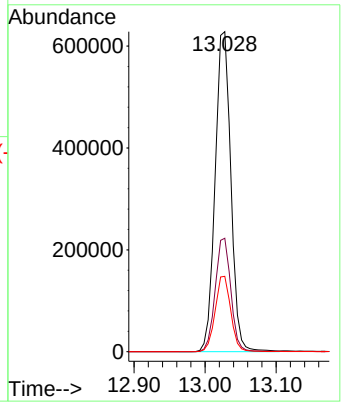


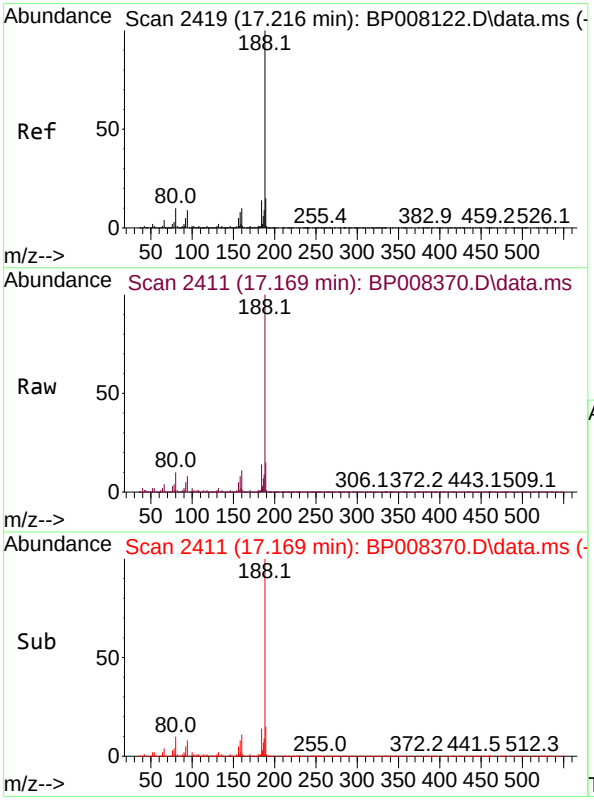
#45
2-Fluorobiphenyl
Concen: 103.206 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 963798

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.0	42.0
170	23.6	18.9	28.3

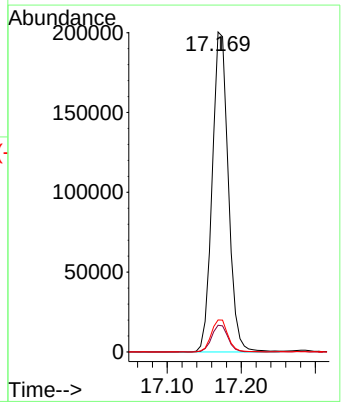


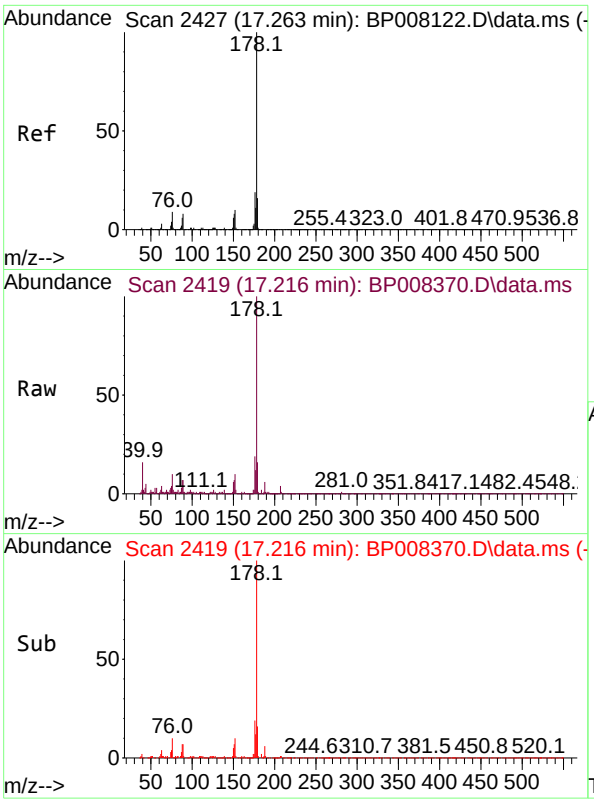


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:188 Resp: 302678

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	10.0	8.2	12.4



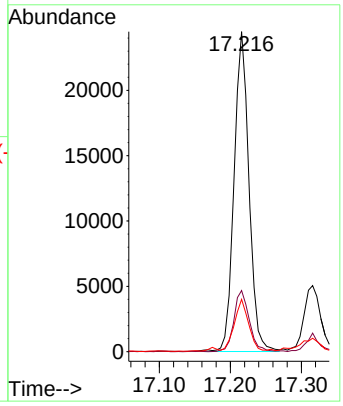


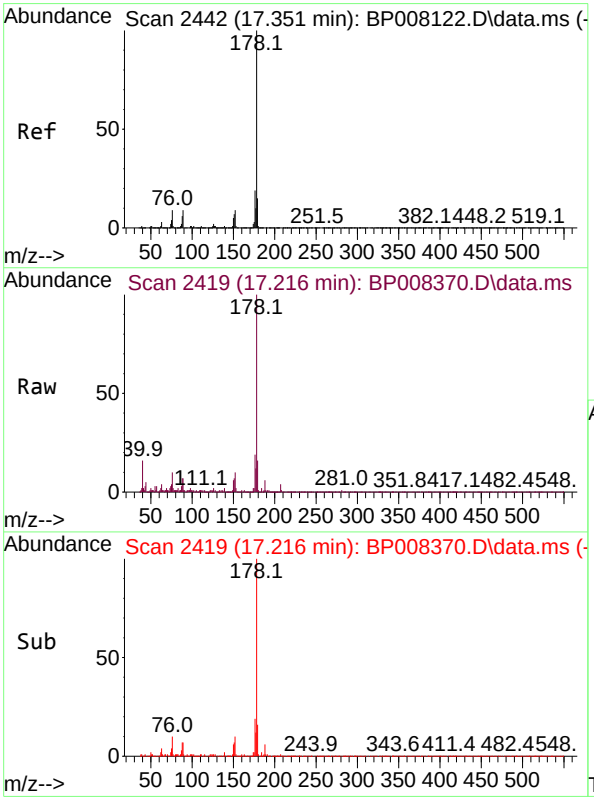
#71
Phenanthrene
Concen: 2.240 ng
RT: 17.216 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 35791

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	16.4	12.5	18.7

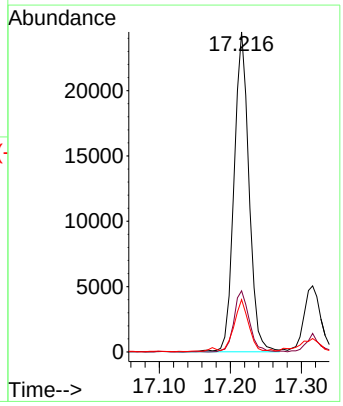


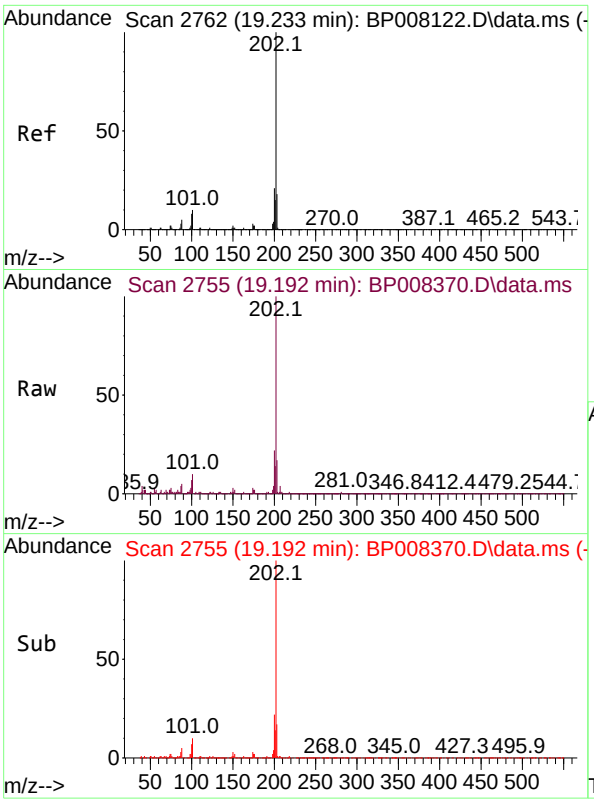


#72
Anthracene
Concen: 2.257 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.100 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:178 Resp: 35791

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.4	12.3	18.5



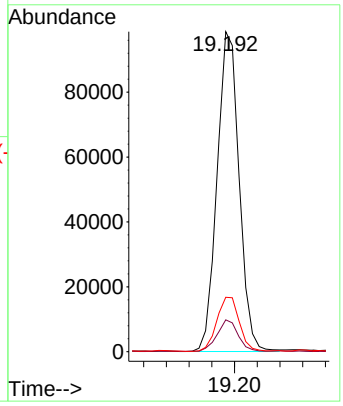


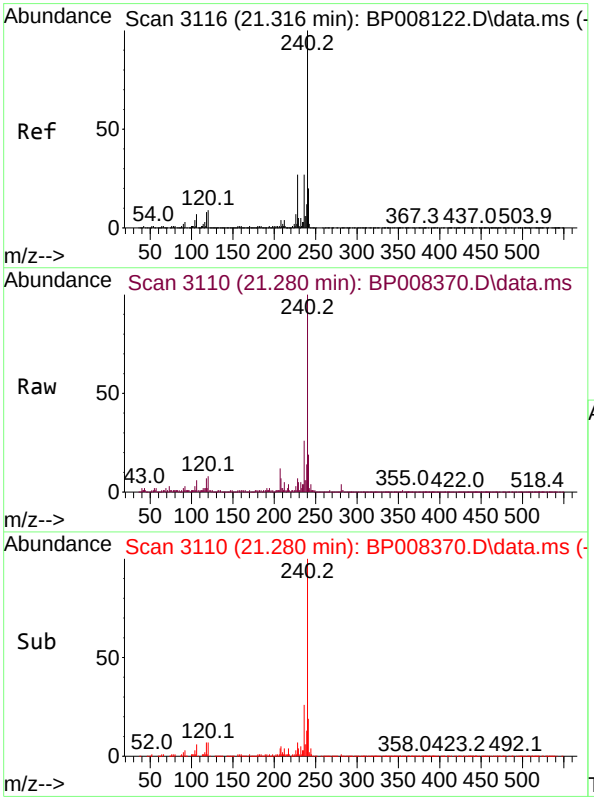
#75
Fluoranthene
Concen: 6.170 ng
RT: 19.192 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 132837

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.8
203	17.0	0.0	37.7

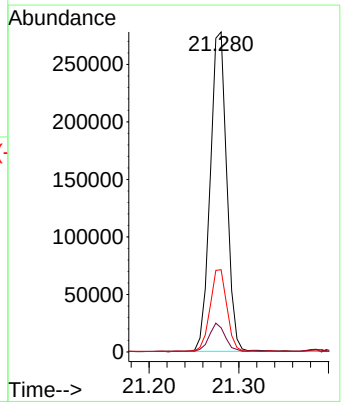


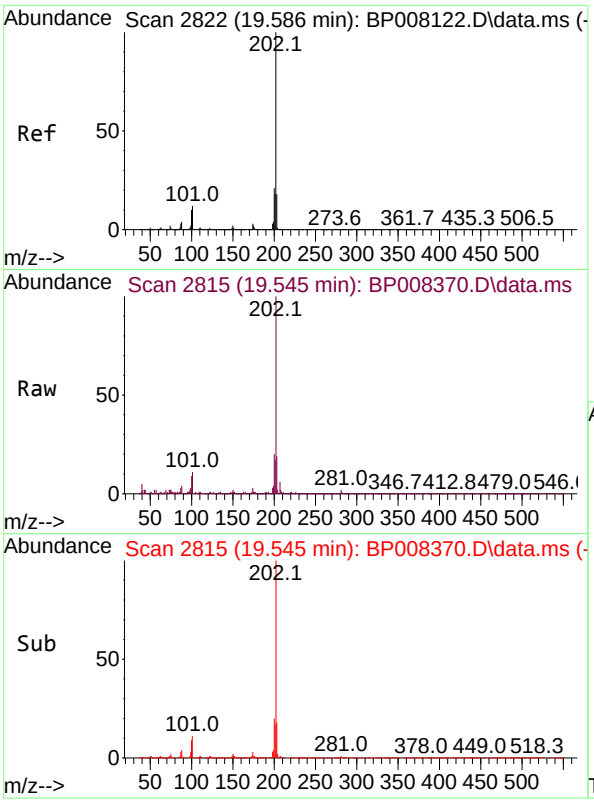


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:240 Resp: 354073

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.3	10.9
236	25.7	21.4	32.2



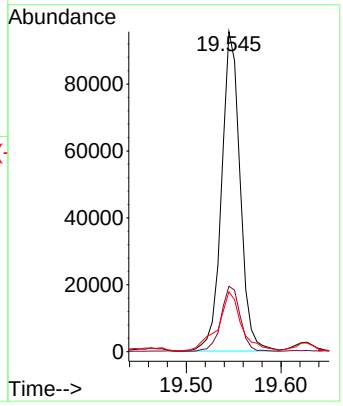


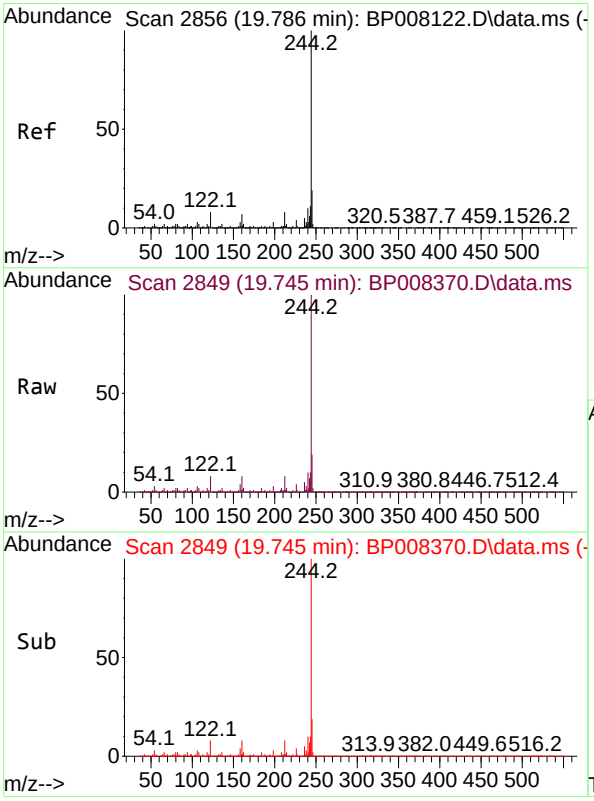
#78
Pyrene
Concen: 3.432 ng
RT: 19.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 129843

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.1	25.7
203	18.7	14.2	21.2

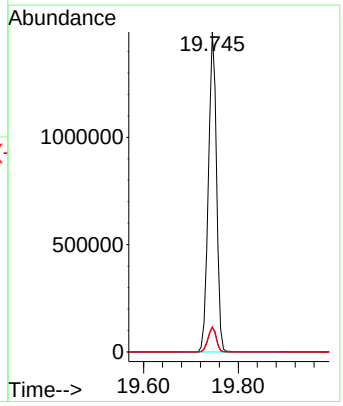


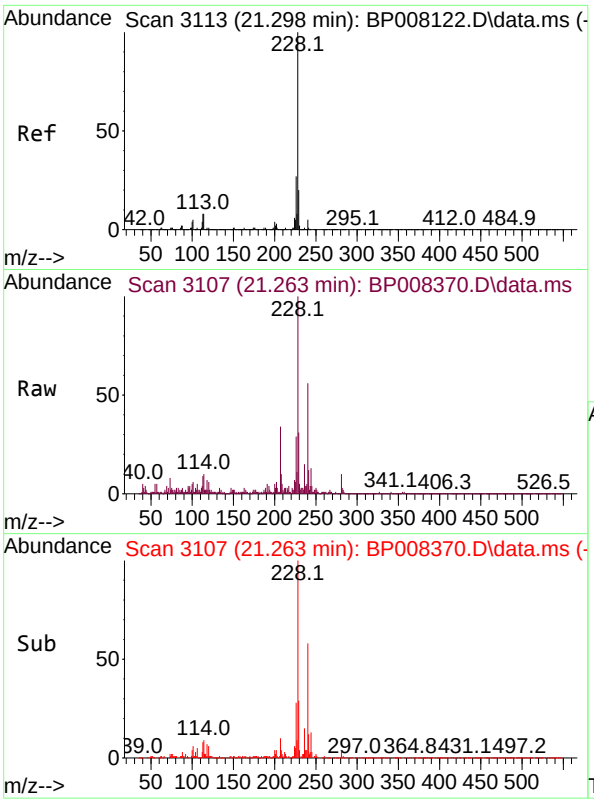


#79
Terphenyl-d14
Concen: 105.032 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:244 Resp: 1779438

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	7.9	6.6	9.8



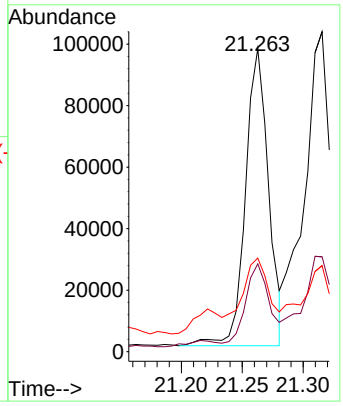


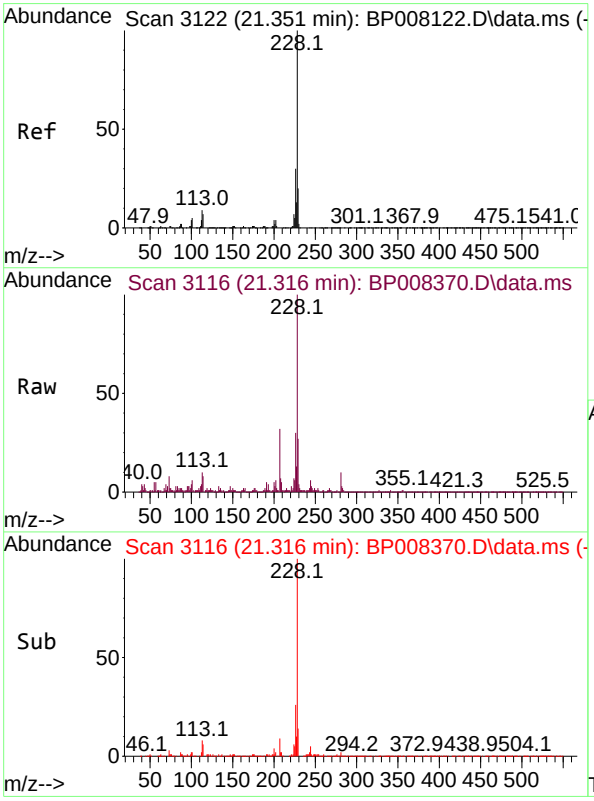
#81
Benzo(a)anthracene
Concen: 5.446 ng
RT: 21.263 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 127806

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.9	32.9
229	30.9	15.9	23.9#

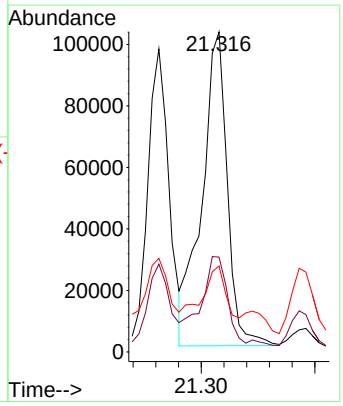


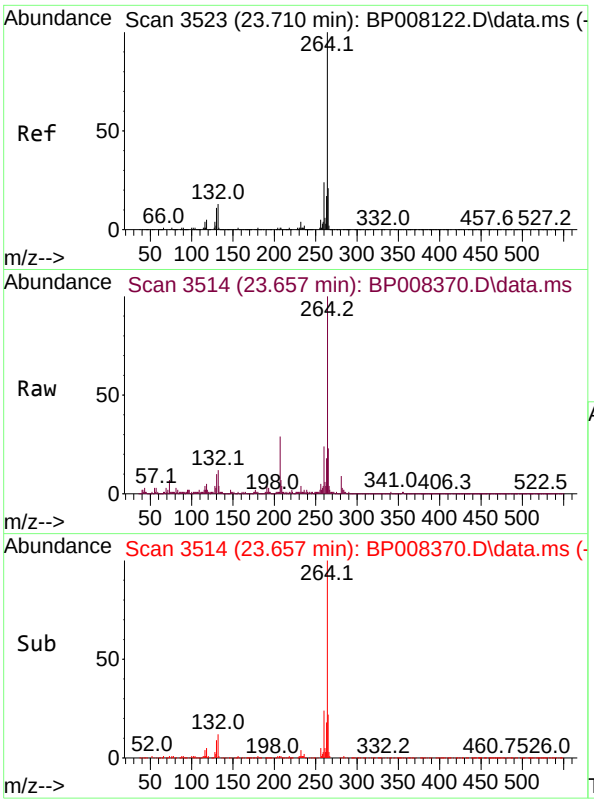


#83
Chrysene
Concen: 7.118 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:228 Resp: 158946

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	26.9	15.8	23.8#



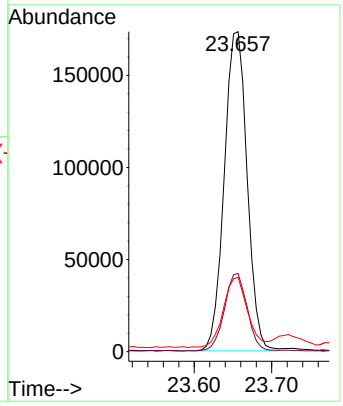


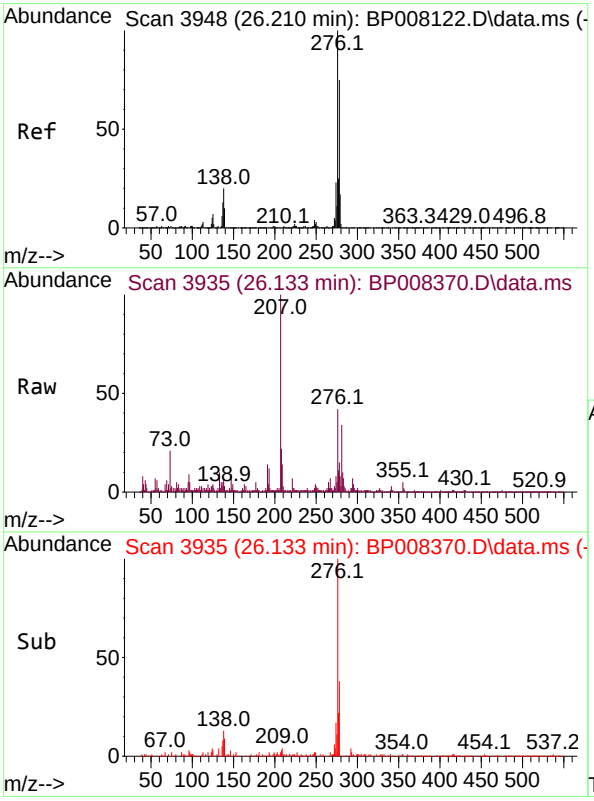
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.657 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 355489

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	23.3	17.6	26.4

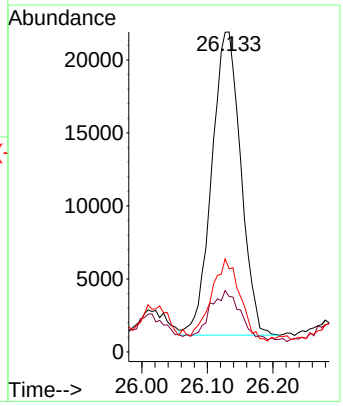


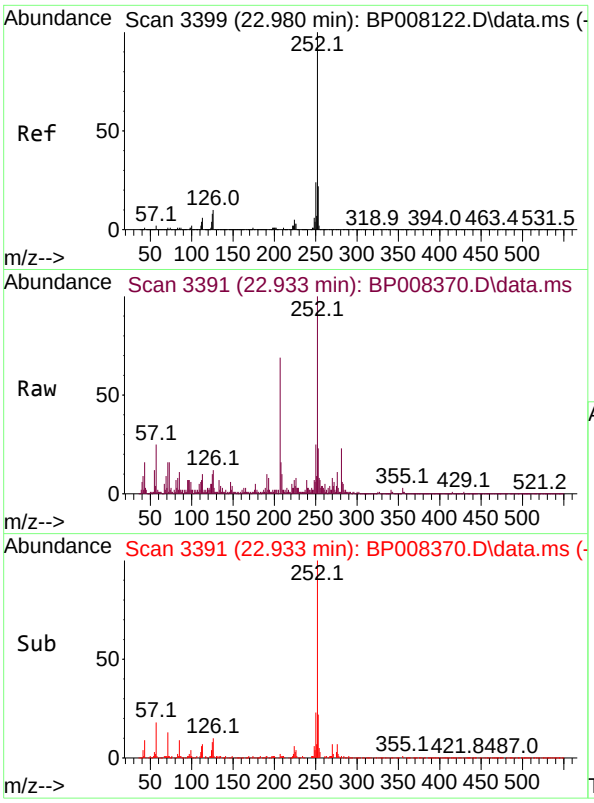


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.470 ng
RT: 26.133 min Scan# 3935
Delta R.T. -0.029 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:276 Resp: 63883

Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.6	25.0
277	26.9	20.2	30.2



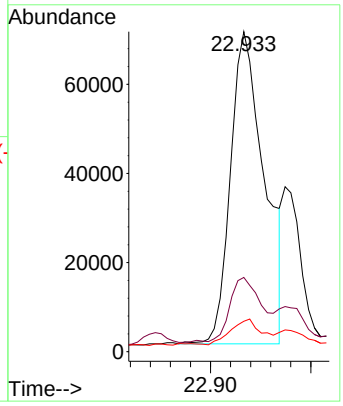


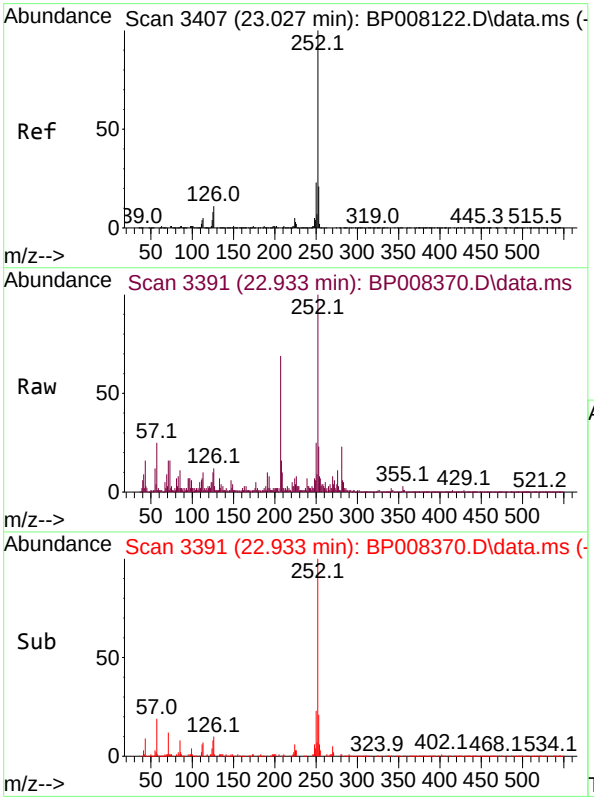
#88
Benzo(b)fluoranthene
Concen: 7.669 ng
RT: 22.933 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 164349

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	9.5	6.2	9.4#

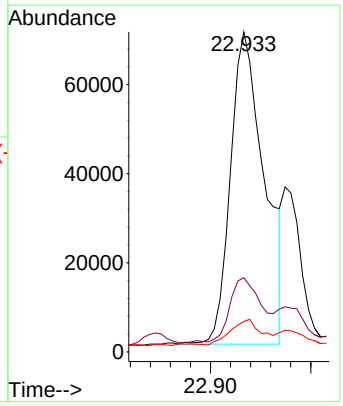


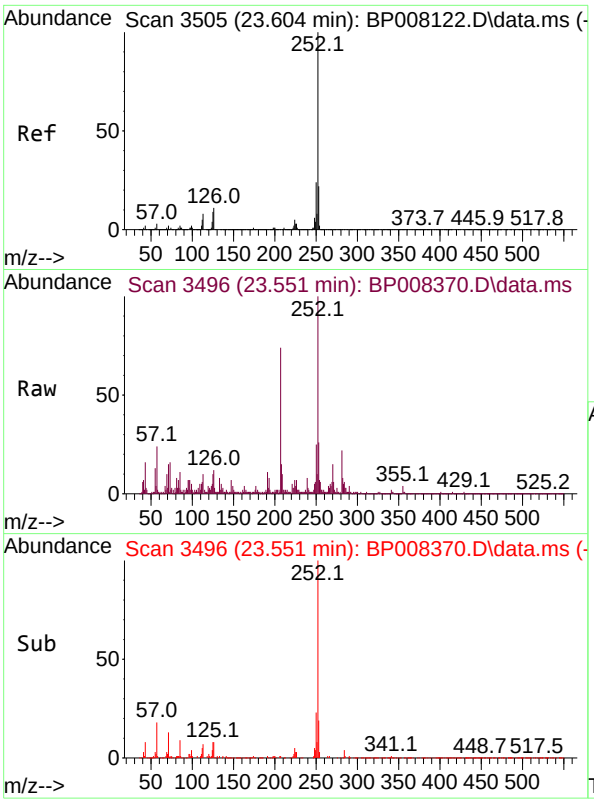


#89
Benzo(k)fluoranthene
Concen: 7.833 ng
RT: 22.933 min Scan# 3391
Delta R.T. -0.065 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:252 Resp: 164349

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	9.5	6.5	9.7



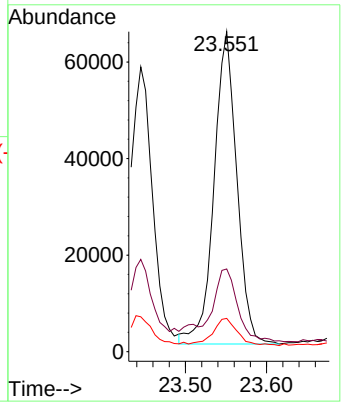


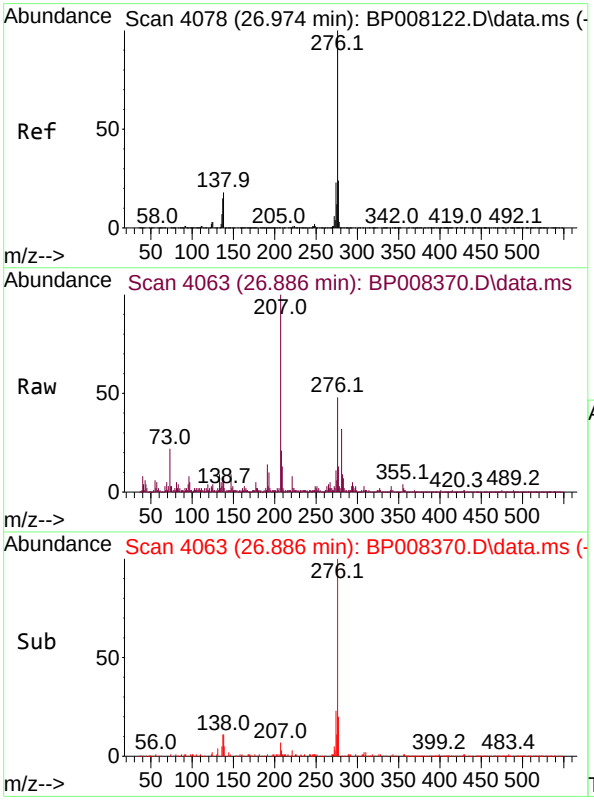
#90
Benzo(a)pyrene
Concen: 6.893 ng
RT: 23.551 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 126261

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	10.4	7.4	11.0





#92
Benzo(g,h,i)perylene
Concen: 3.928 ng
RT: 26.886 min Scan# 4063
Delta R.T. -0.035 min
Lab File: BP008370.D
Acq: 11 Dec 2021 16:11

Tgt Ion:276 Resp: 85122

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.0	30.0
138	21.8	14.1	21.1#