Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Time: Dec 14 02:20:52 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	7.746	152	71092	20.000	ng		-0.02
21) Naphthalene-d8	10.546	136	251251	20.000	ng		-0.01
39) Acenaphthene-d10	14.398	164	164581	20.000	ng		-0.02
64) Phenanthrene-d10	17.163	188	360000	20.000	ng		-0.02
76) Chrysene-d12	21.275	240	402783	20.000	ng		-0.01
86) Perylene-d12	23.651	264	452803	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	68814	15.585	ng		0.00
7) Phenol-d6	6.952	99	86482	14.509	ng		0.00
23) Nitrobenzene-d5	8.916	82	59888	10.839	ng		-0.01
42) 2,4,6-Tribromophenol	15.910	330	37484	17.819	ng		0.00
45) 2-Fluorobiphenyl	13.022	172	123649	10.913	ng		-0.01
79) Terphenyl-d14	19.739	244	223248	11.584	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.899	77	1174	Below Cal		#	1
49) Acenaphthylene	14.128	152	30251	2.079	ng		98
71) Phenanthrene	17.210	178	59756	3.144	ng		98
72) Anthracene	17.304	178	40169	2.130	ng		97
75) Fluoranthene	19.192	202	225857	8.821	ng		98
78) Pyrene	19.545	202	260416	8.146	ng		99
81) Benzo(a)anthracene	21.263	228	173188	6.488	ng		96
83) Chrysene	21.310	228	175837	6.922	ng		97
87) Indeno(1,2,3-cd)pyrene	26.127	276	161790	4.911	ng	#	94
88) Benzo(b)fluoranthene	22.933	252	284150	10.409	ng	#	95
89) Benzo(k)fluoranthene	22.933	252	284150	10.633	ng	#	94
90) Benzo(a)pyrene	23.551	252	204530	8.767	ng		97
92) Benzo(g,h,i)perylene	26.886	276	168359	6.100	ng		97

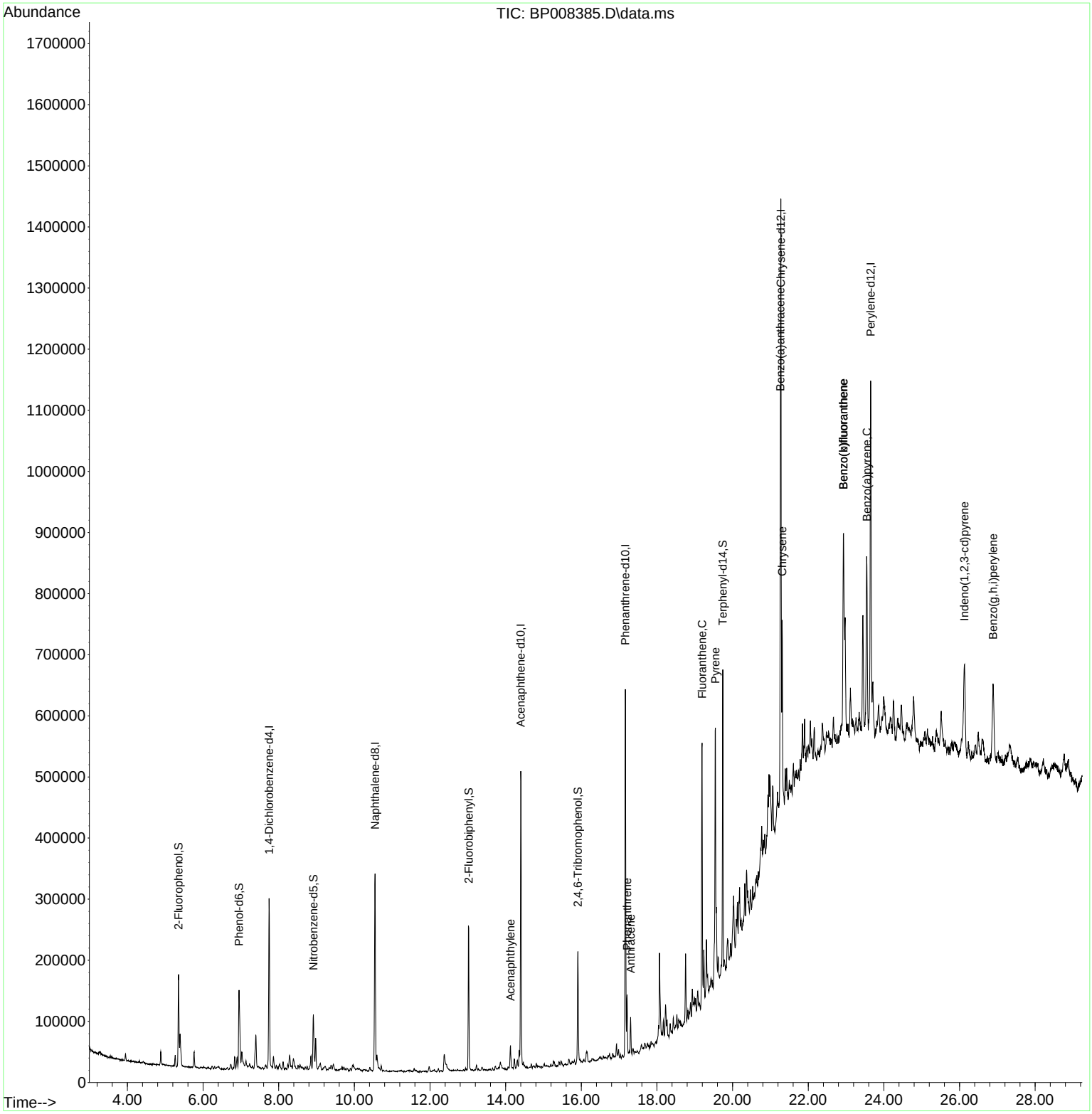
(#) = qualifier out of range (m) = manual integration (+) = signals summed

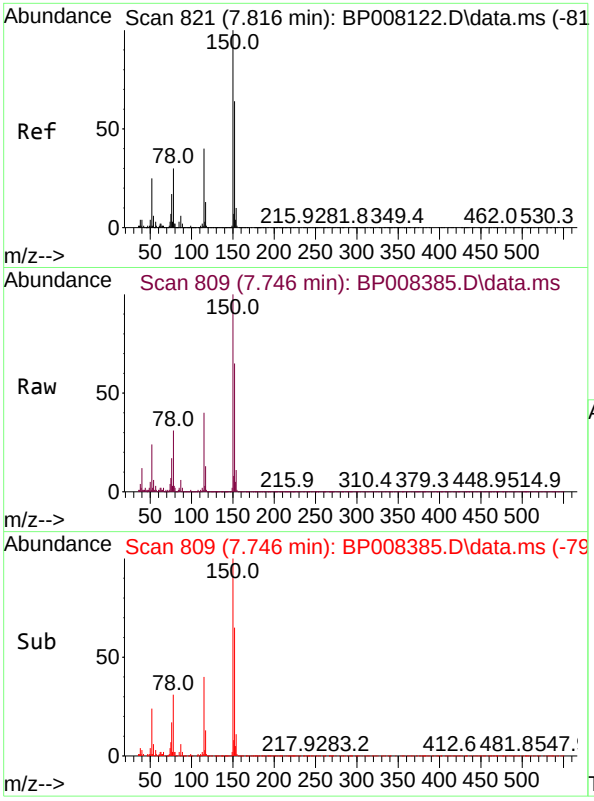
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121321\
Data File : BP008385.D
Acq On : 13 Dec 2021 20:07
Operator : CG/JU
Sample : M5051-02 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P-2

Quant Time: Dec 14 02:20:52 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



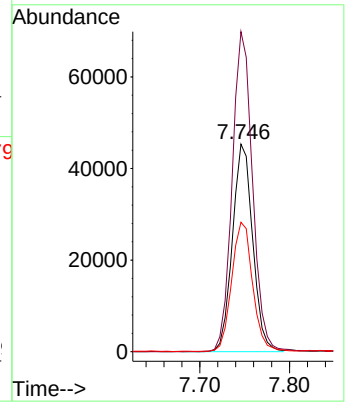


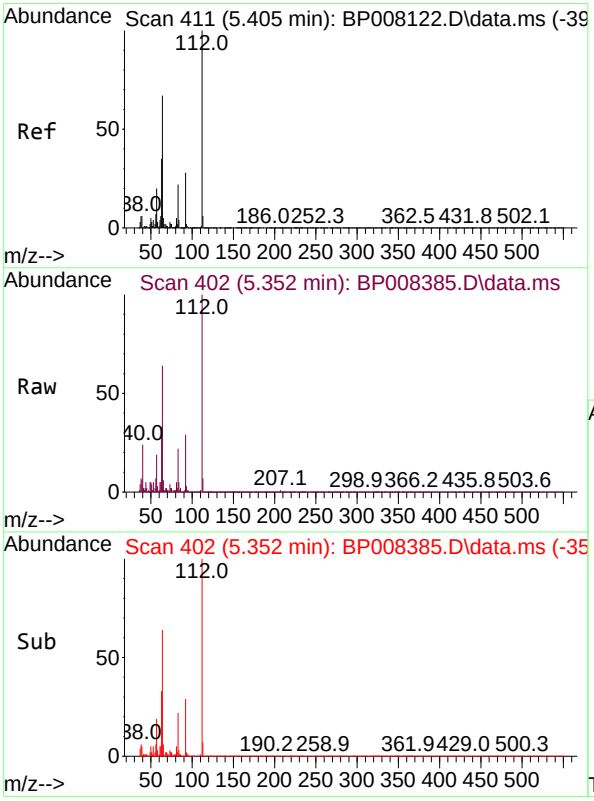
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 8(
Delta R.T. -0.017 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:152 Resp: 71092

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.7	188.5
115	62.4	50.7	76.1

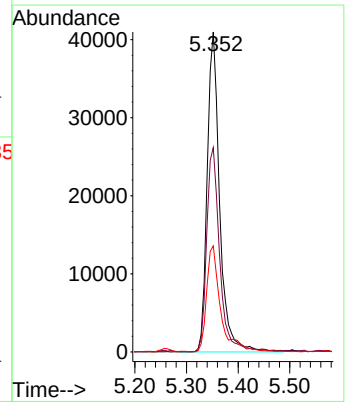


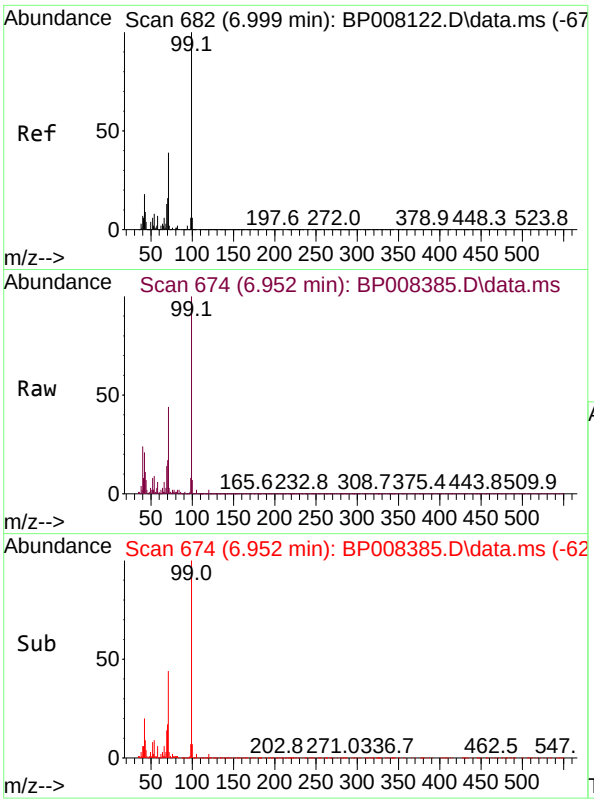


#5
2-Fluorophenol
Concen: 15.585 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:112 Resp: 68814

Ion	Ratio	Lower	Upper
112	100		
64	63.8	53.4	80.2
63	33.1	27.8	41.8



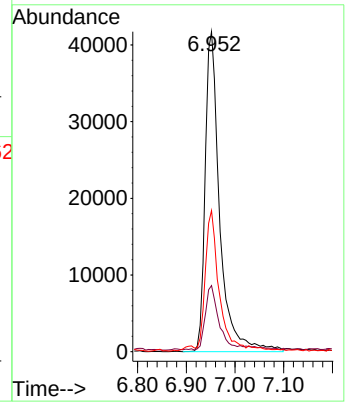


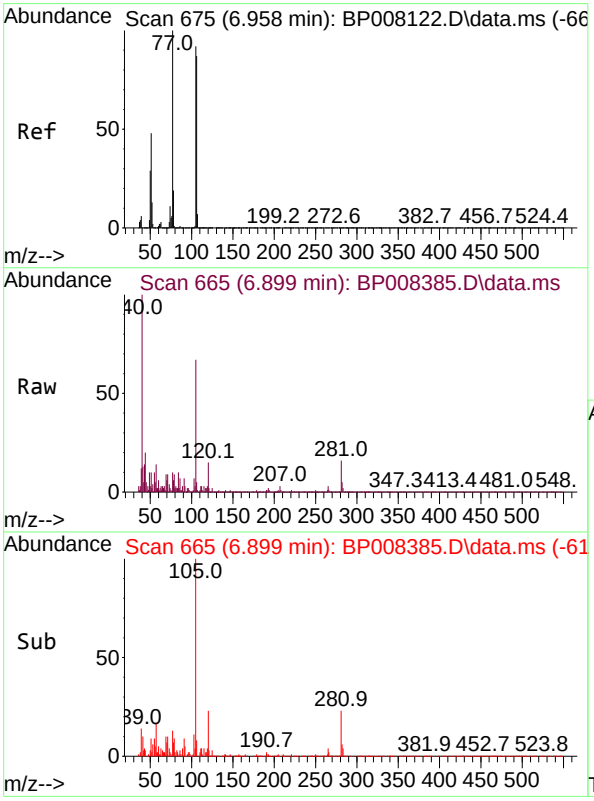
#7
Phenol-d6
Concen: 14.509 ng
RT: 6.952 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion: 99 Resp: 86482

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.6	22.0
71	44.1	31.1	46.7

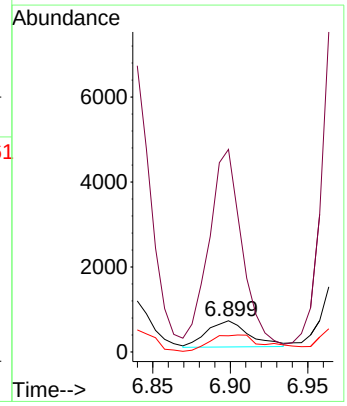


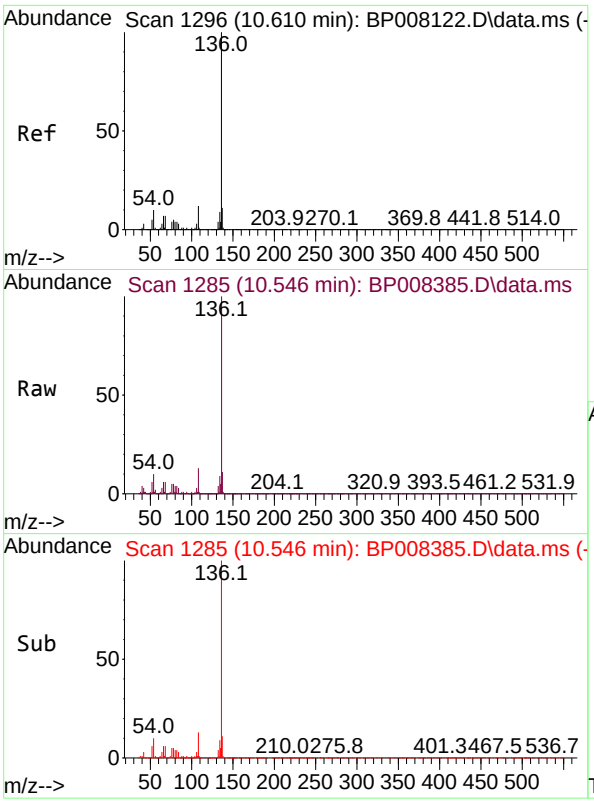


#9
Benzaldehyde
Concen: Below Cal
RT: 6.899 min Scan# 665
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion: 77 Resp: 1174

Ion	Ratio	Lower	Upper
77	100		
105	650.5	71.8	111.8#
106	52.0	67.3	107.3#



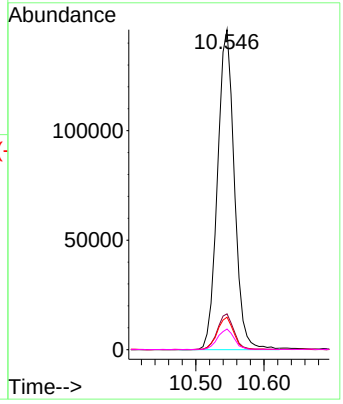


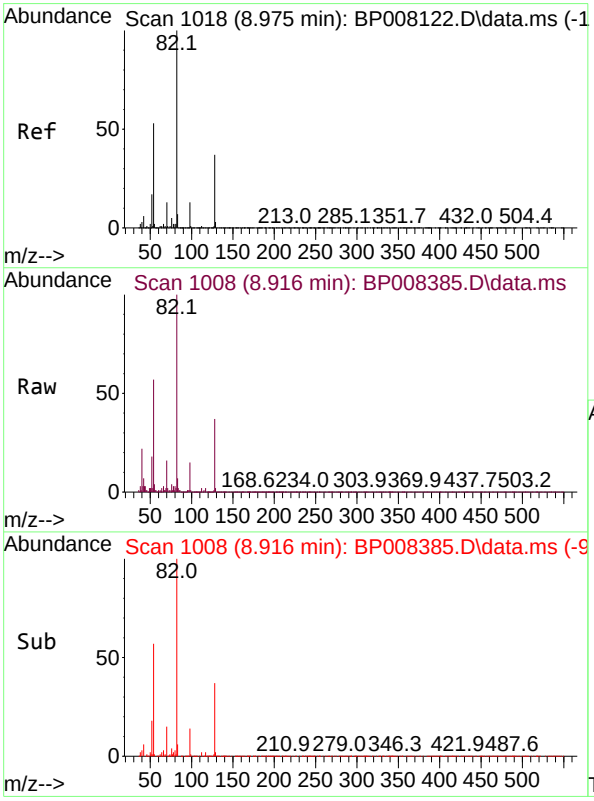
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:136 Resp: 251251

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.1	8.2	12.4
68	6.5	5.8	8.8

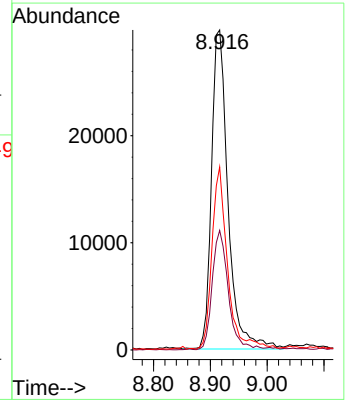


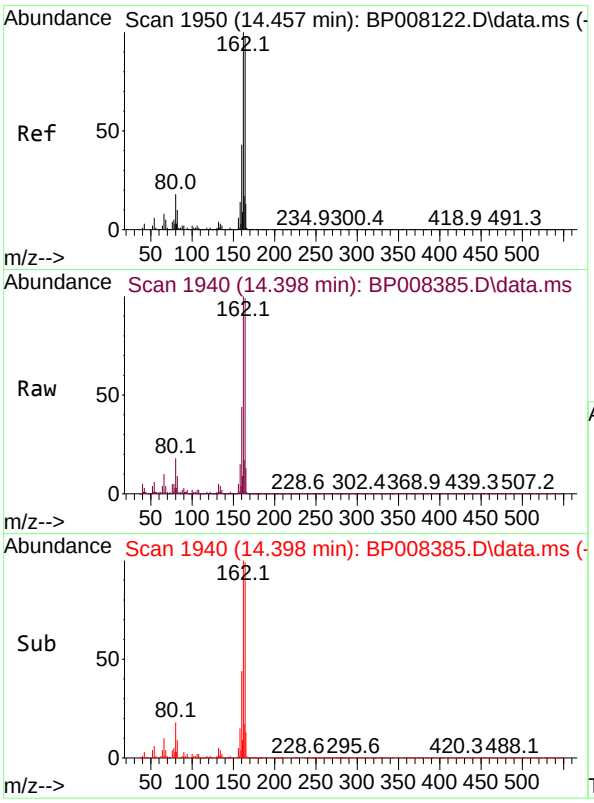


#23
Nitrobenzene-d5
Concen: 10.839 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion: 82 Resp: 59888

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.6	44.4
54	57.2	42.7	64.1



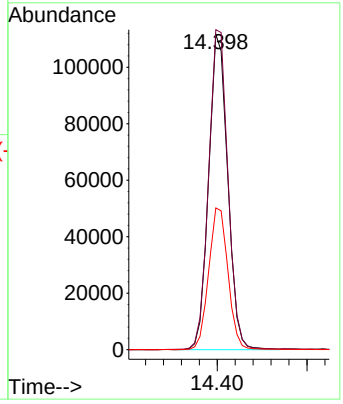


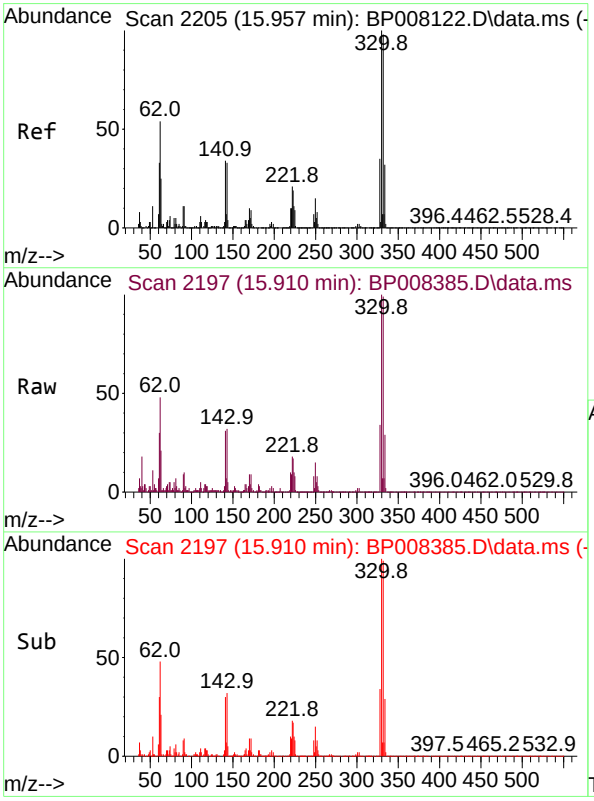
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:164 Resp: 164581

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.9	122.9
160	45.0	35.4	53.0

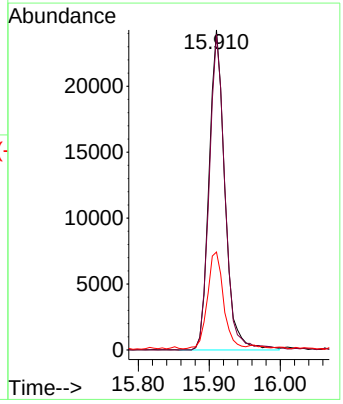


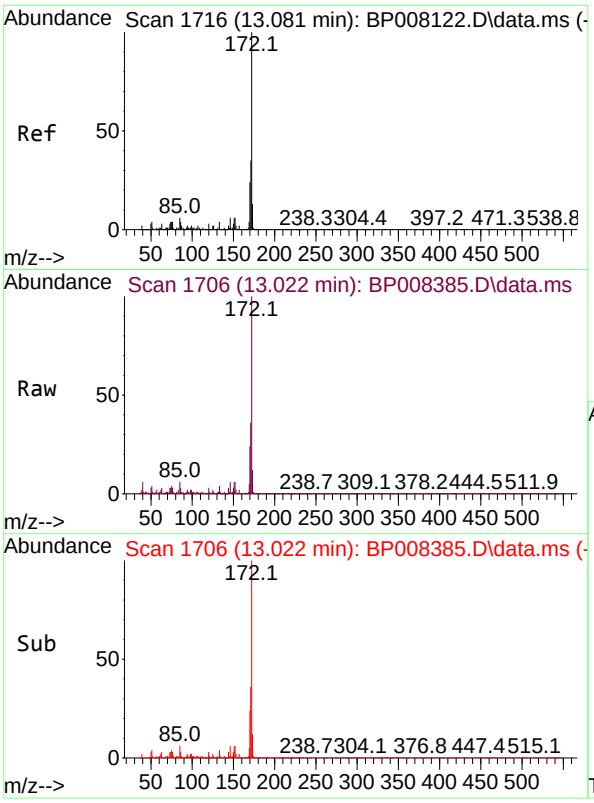


#42
2,4,6-Tribromophenol
Concen: 17.819 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:330 Resp: 37484

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.4
141	31.0	28.4	42.6



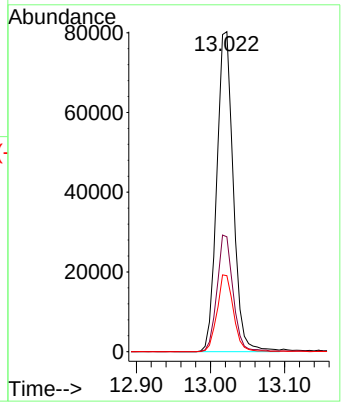


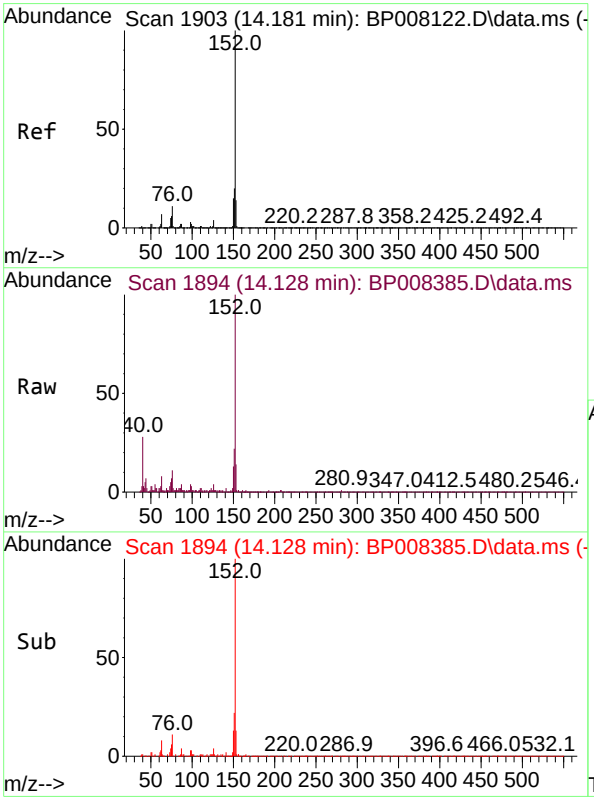
#45
2-Fluorobiphenyl
Concen: 10.913 ng
RT: 13.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:172 Resp: 123649

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.0	42.0
170	23.8	18.9	28.3

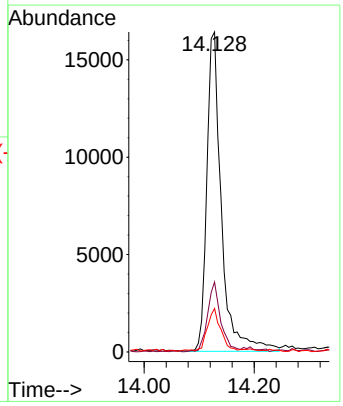


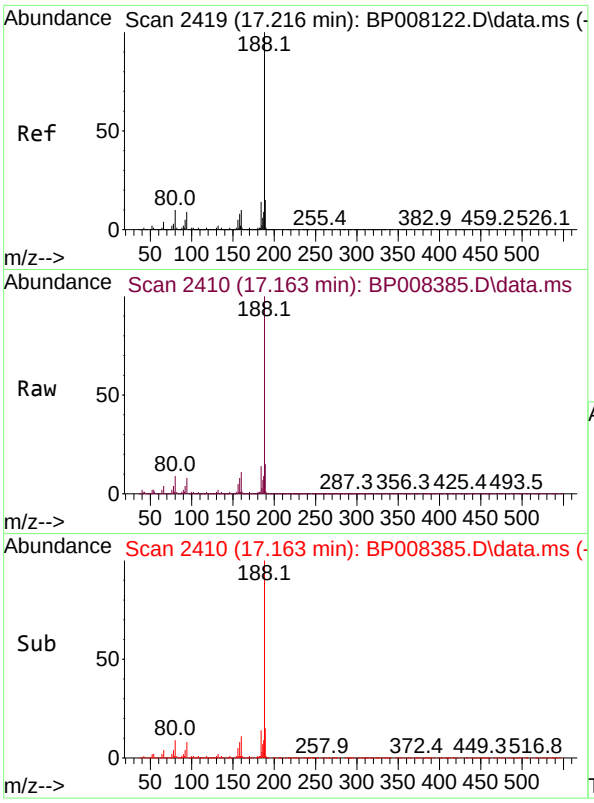


#49
Acenaphthylene
Concen: 2.079 ng
RT: 14.128 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:152 Resp: 30251

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.4
153	13.6	10.9	16.3



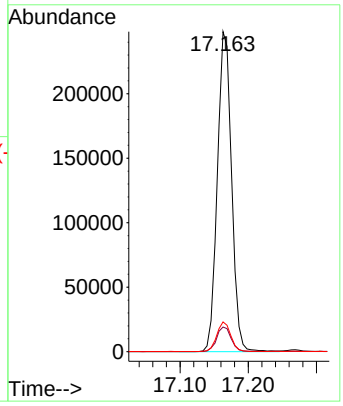


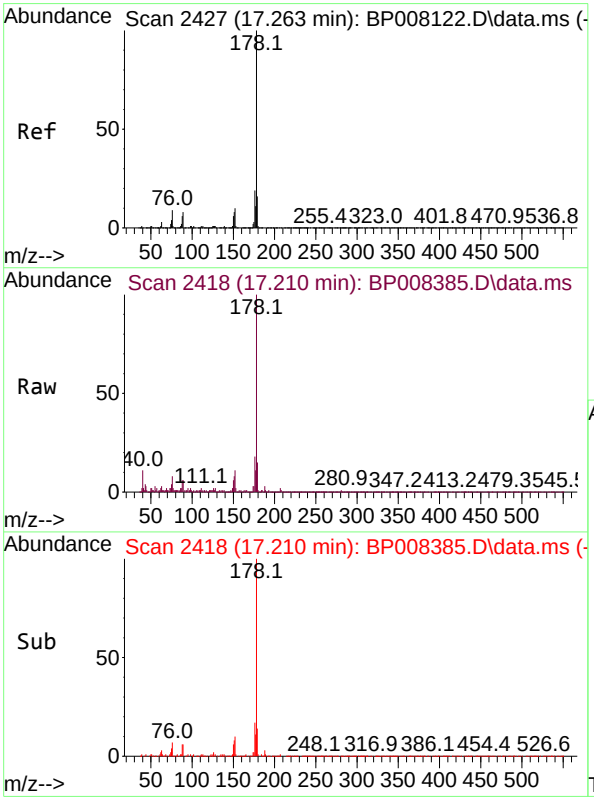
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:188 Resp: 360000

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.2	10.8
80	9.3	8.2	12.4

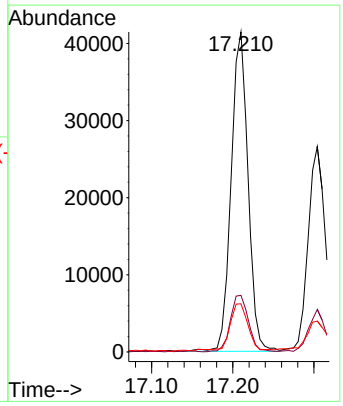


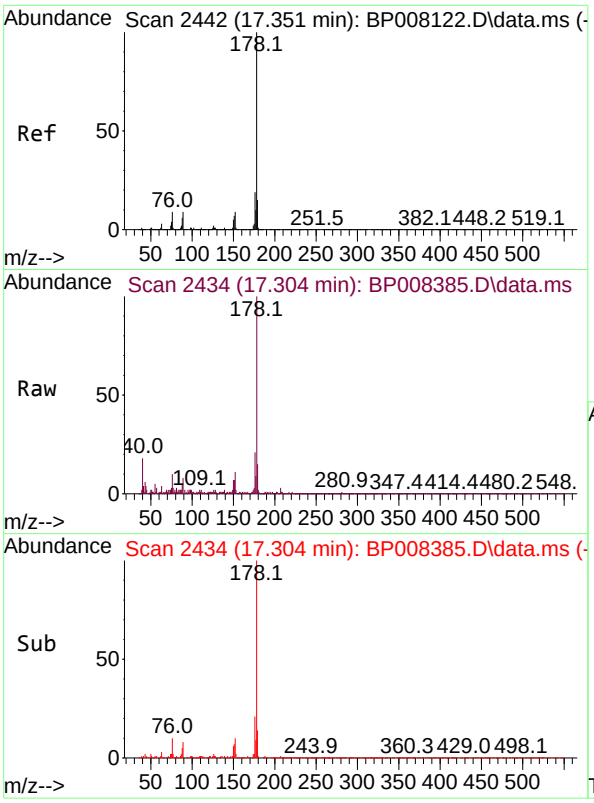


#71
Phenanthrene
Concen: 3.144 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:178 Resp: 59756

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.3	22.9
179	15.1	12.5	18.7



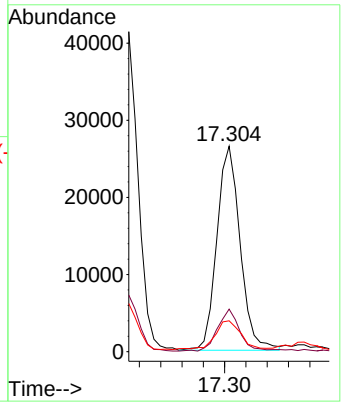


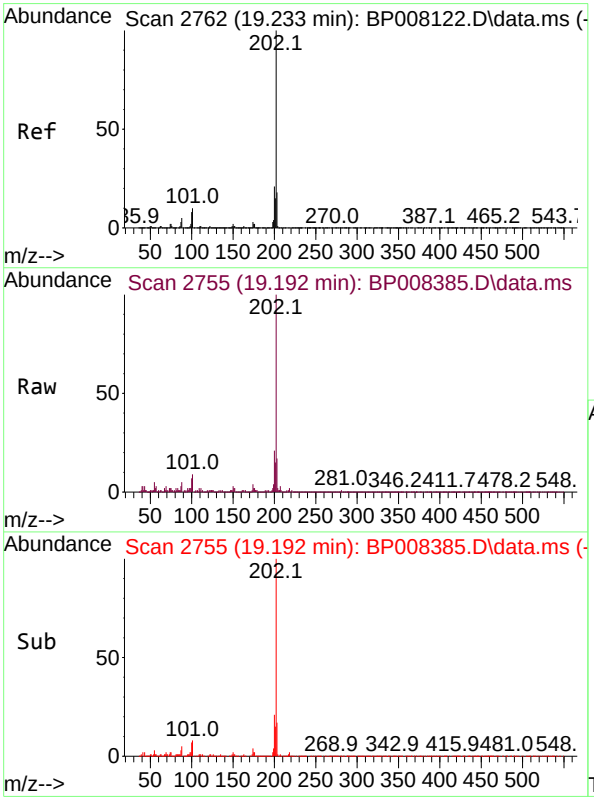
#72
Anthracene
Concen: 2.130 ng
RT: 17.304 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:178 Resp: 40169

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.1	22.7
179	15.0	12.3	18.5

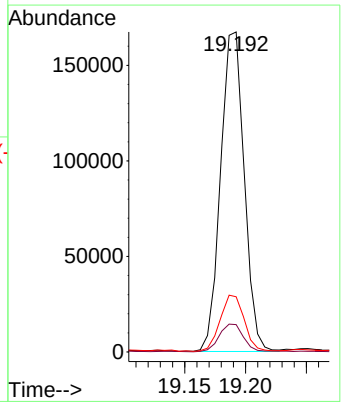


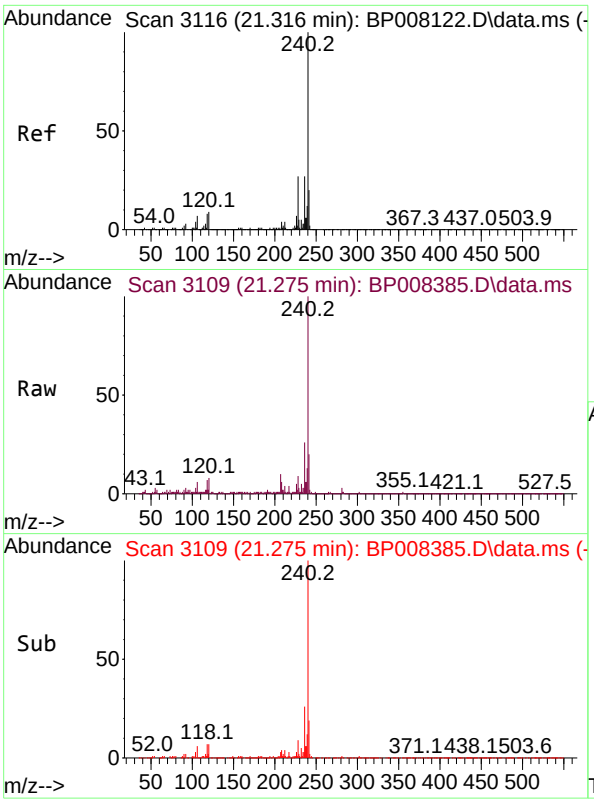


#75
Fluoranthene
Concen: 8.821 ng
RT: 19.192 min Scan# 2755
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:202 Resp: 225857

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	29.8
203	17.3	0.0	37.7



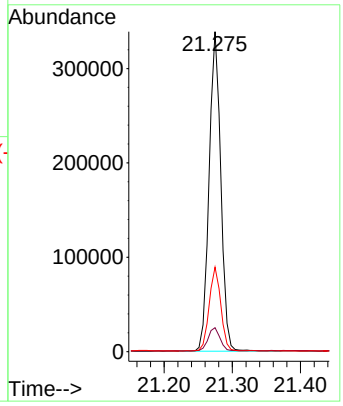


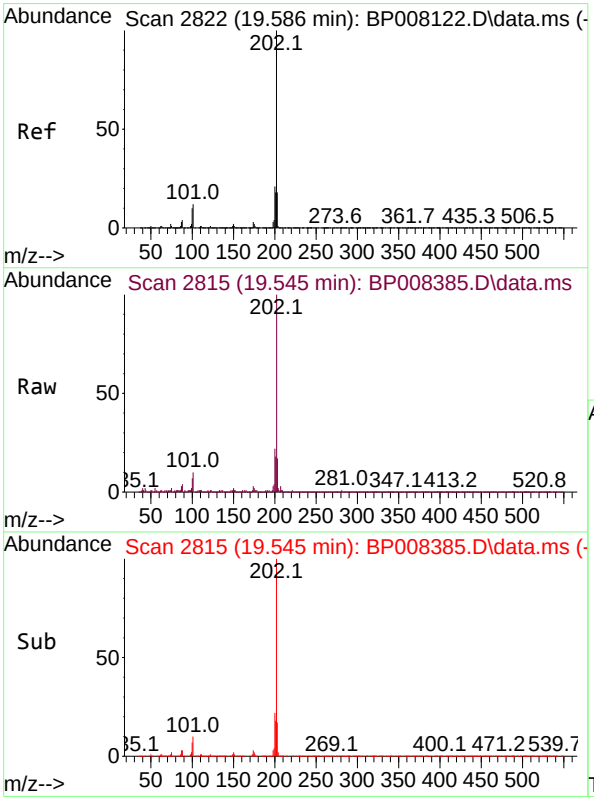
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:240 Resp: 402783

Ion	Ratio	Lower	Upper
240	100		
120	7.5	7.3	10.9
236	26.4	21.4	32.2

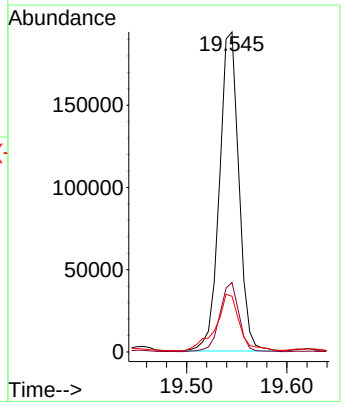


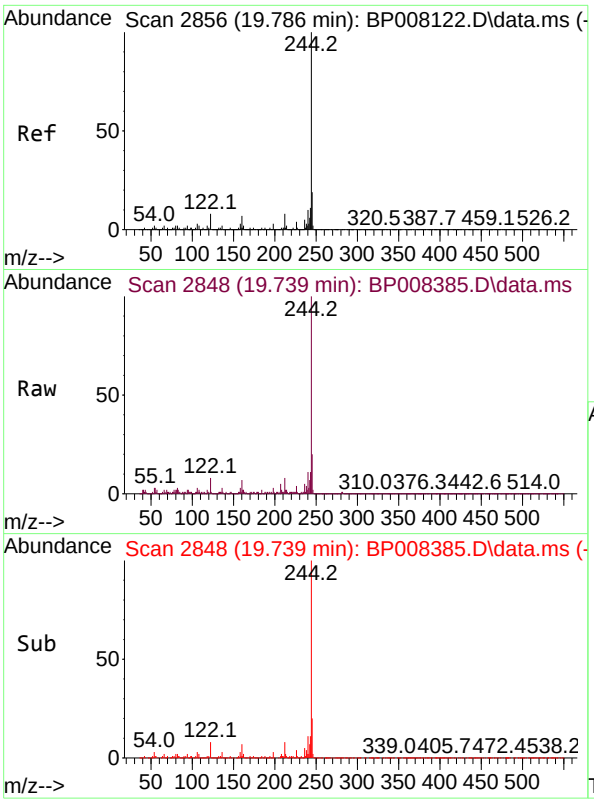


#78
Pyrene
Concen: 8.146 ng
RT: 19.545 min Scan# 2815
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:202 Resp: 260416

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.1	25.7
203	17.4	14.2	21.2



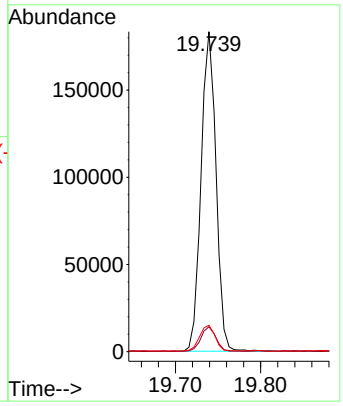


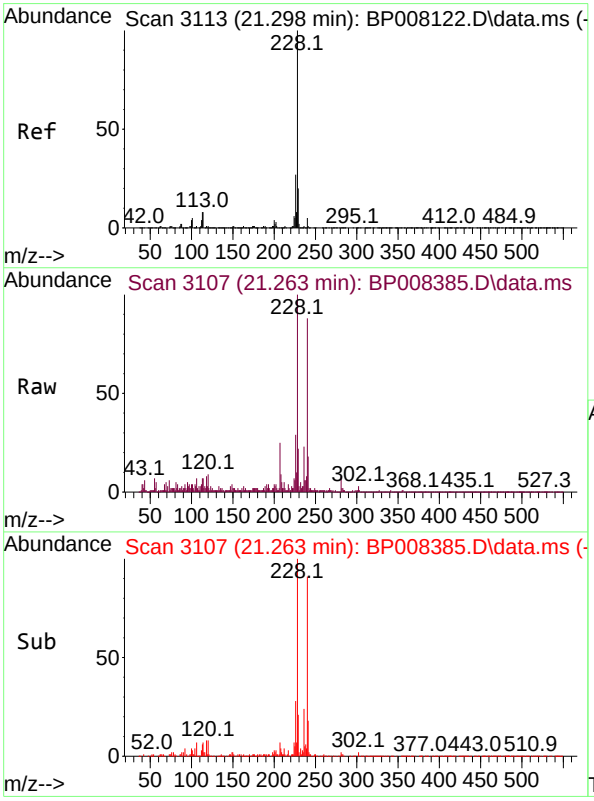
#79
Terphenyl-d14
Concen: 11.584 ng
RT: 19.739 min Scan# 2
Delta R.T. -0.017 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:244 Resp: 223248

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.3	6.6	9.8

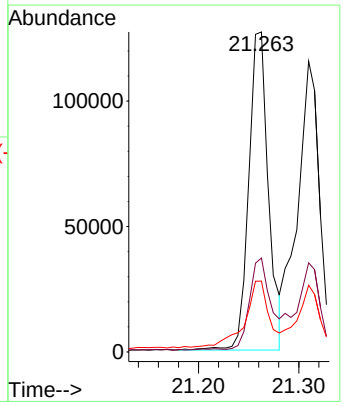


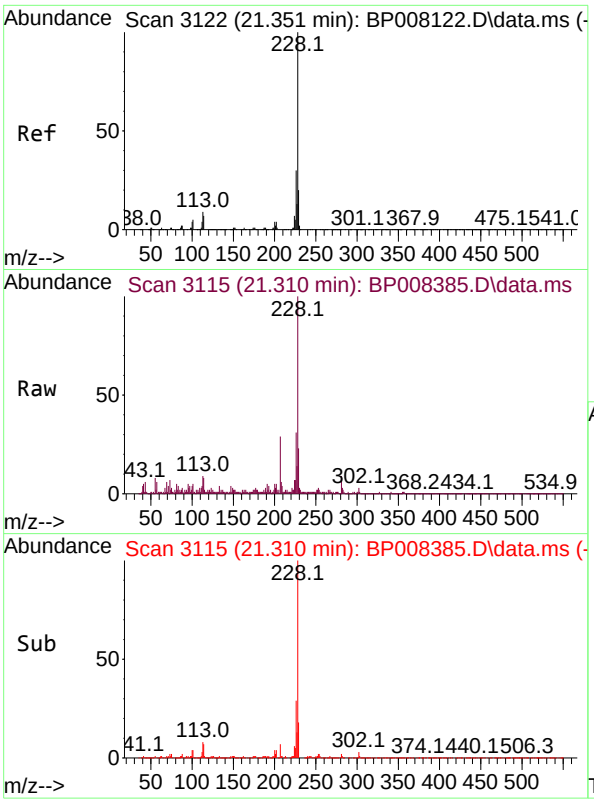


#81
Benzo(a)anthracene
Concen: 6.488 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:228 Resp: 173188

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.9	32.9
229	22.2	15.9	23.9



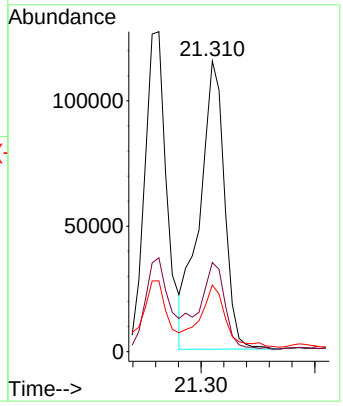


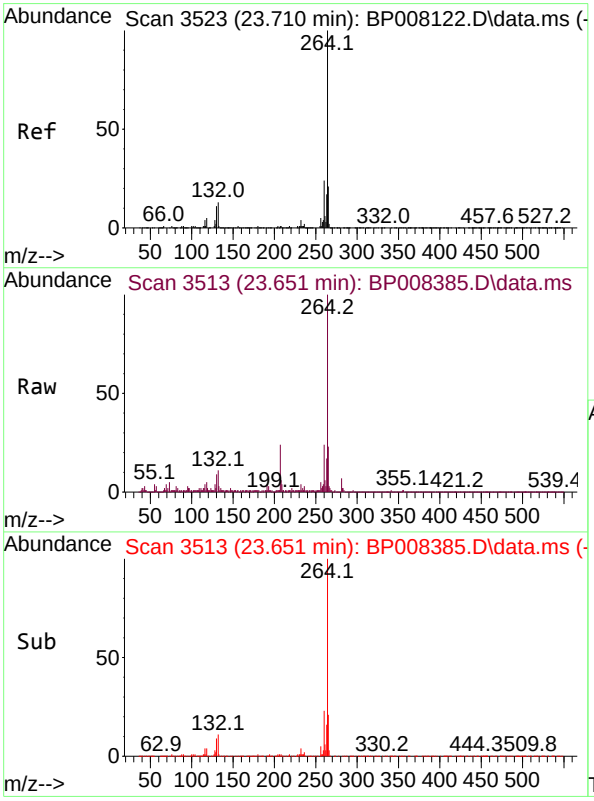
#83
Chrysene
Concen: 6.922 ng
RT: 21.310 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:228 Resp: 175837

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	22.9	15.8	23.8

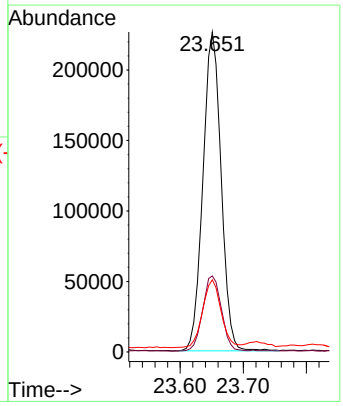


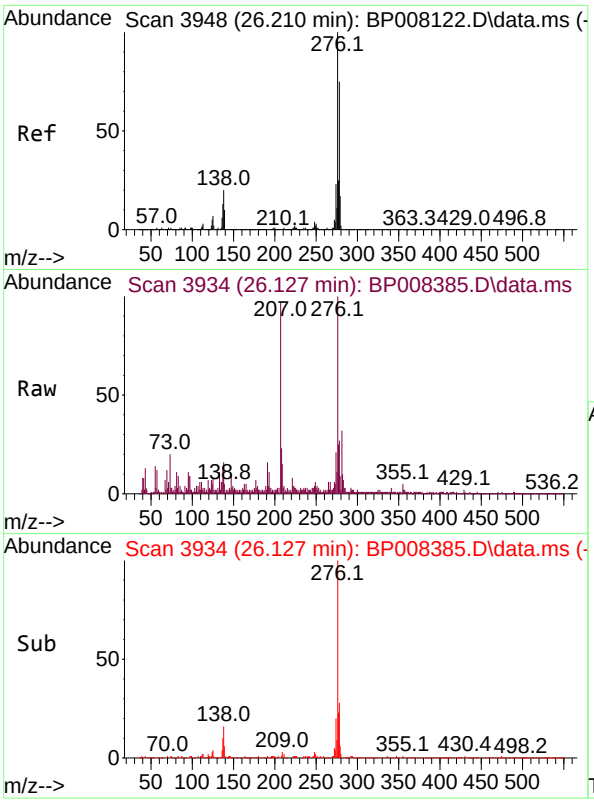


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.651 min Scan# 3513
Delta R.T. -0.023 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:264 Resp: 452803

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.6	17.6	26.4



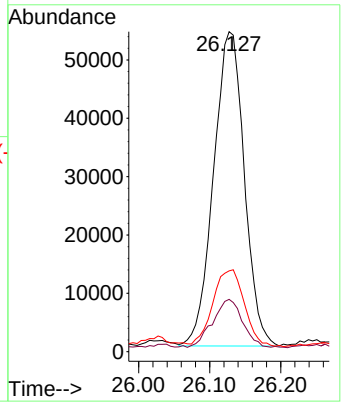


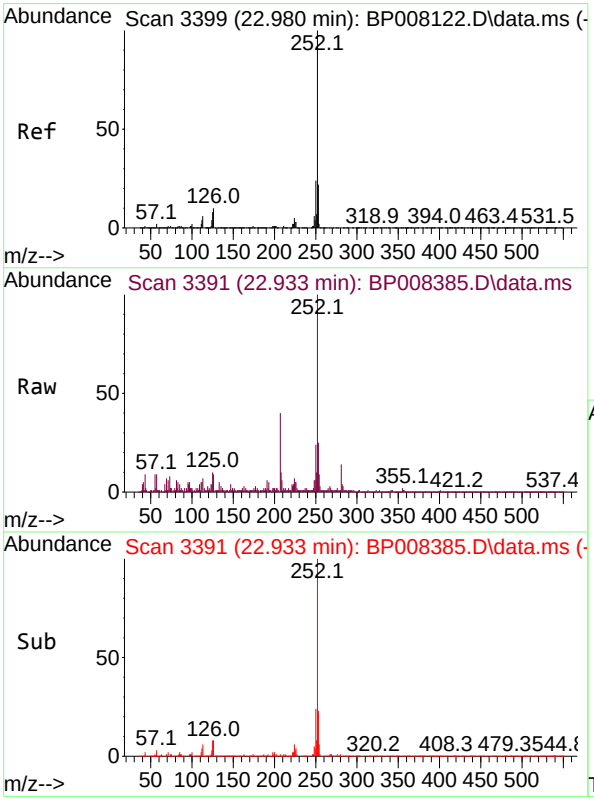
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.911 ng
RT: 26.127 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:276 Resp: 161790

Ion	Ratio	Lower	Upper
276	100		
138	15.1	16.6	25.0#
277	25.1	20.2	30.2

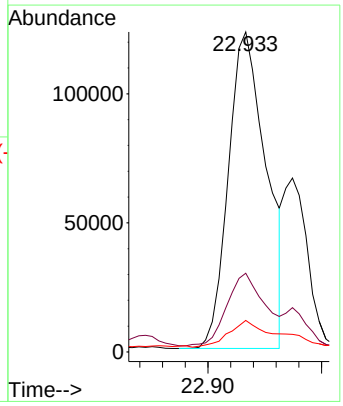


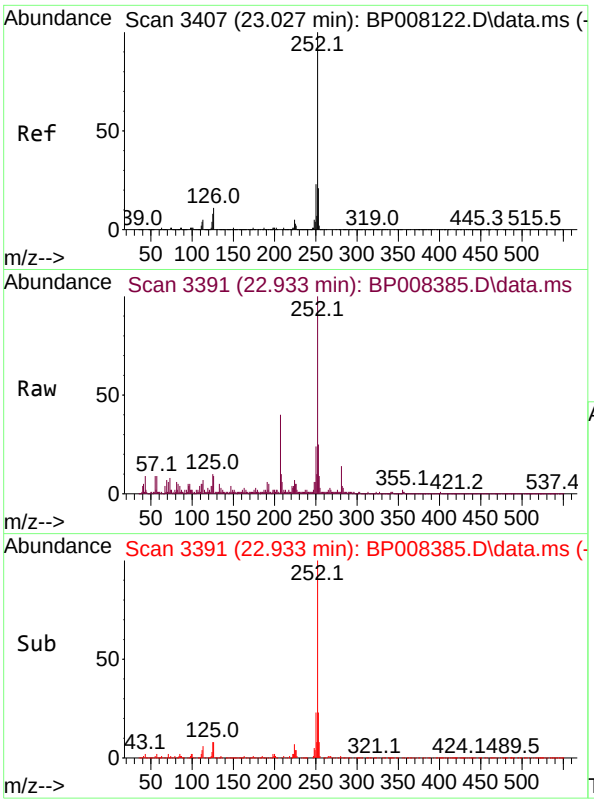


#88
Benzo(b)fluoranthene
Concen: 10.409 ng
RT: 22.933 min Scan# 3391
Delta R.T. -0.012 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:252 Resp: 284150

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.7	26.5
125	9.9	6.2	9.4#



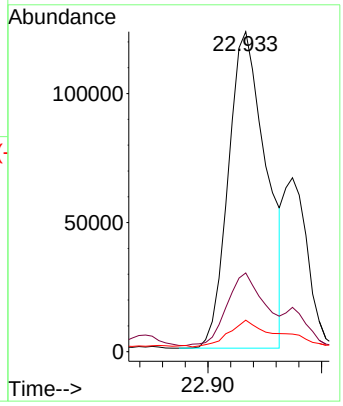


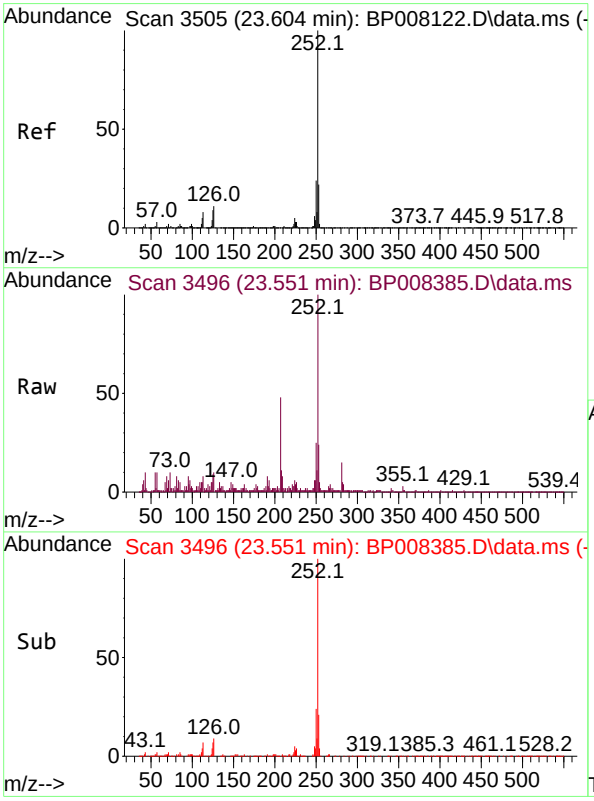
#89
Benzo(k)fluoranthene
Concen: 10.633 ng
RT: 22.933 min Scan# 3
Delta R.T. -0.065 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:252 Resp: 284150

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.3	25.9
125	9.9	6.5	9.7#

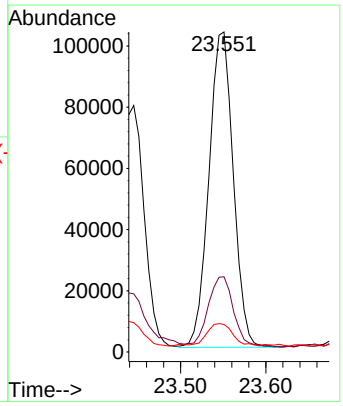


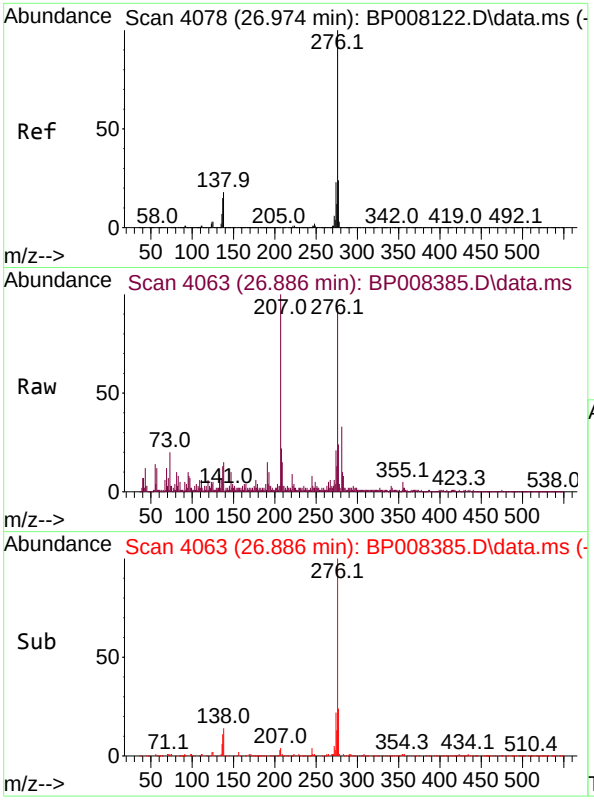


#90
Benzo(a)pyrene
Concen: 8.767 ng
RT: 23.551 min Scan# 3496
Delta R.T. -0.018 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Tgt Ion:252 Resp: 204530

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	8.6	7.4	11.0





#92
Benzo(g,h,i)perylene
Concen: 6.100 ng
RT: 26.886 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP008385.D
Acq: 13 Dec 2021 20:07

Instrument :
BNA_P
ClientSampleId :
P-2

Tgt Ion:276 Resp: 168359

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.0	30.0
138	15.7	14.1	21.1