Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009373.D
Acq On : 11 Mar 2022 19:47
Operator : CG/JU
Sample : N1874-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Quant Time: Mar 12 04:52:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	371789	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	1463413	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	913084	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1906250	20.000	ng		0.00
76) Chrysene-d12	21.327	240	1842886	20.000	ng		0.00
86) Perylene-d12	23.739	264	2106114	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	991613	38.932	ng		0.02
7) Phenol-d6	7.016	99	1253548	38.728	ng		0.03
23) Nitrobenzene-d5	8.969	82	754976	28.415	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	596435	54.096	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	1826224	27.505	ng		0.00
79) Terphenyl-d14	19.792	244	2807229	28.746	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.263	178	499138	4.556	ng		99
75) Fluoranthene	19.239	202	1367649	10.816	ng		98
78) Pyrene	19.592	202	1203457	9.672	ng		99
81) Benzo(a)anthracene	21.310	228	705455	5.648	ng		98
83) Chrysene	21.363	228	684520	5.644	ng		97
87) Indeno(1,2,3-cd)pyrene	26.245	276	576755	3.525	ng	#	91
88) Benzo(b)fluoranthene	23.004	252	1446037	10.169	ng	#	94
89) Benzo(k)fluoranthene	23.004	252	1446037	10.644	ng	#	94
90) Benzo(a)pyrene	23.633	252	791401	5.868	ng	#	95
92) Benzo(g,h,i)perylene	27.015	276	558850	4.077	ng	#	93

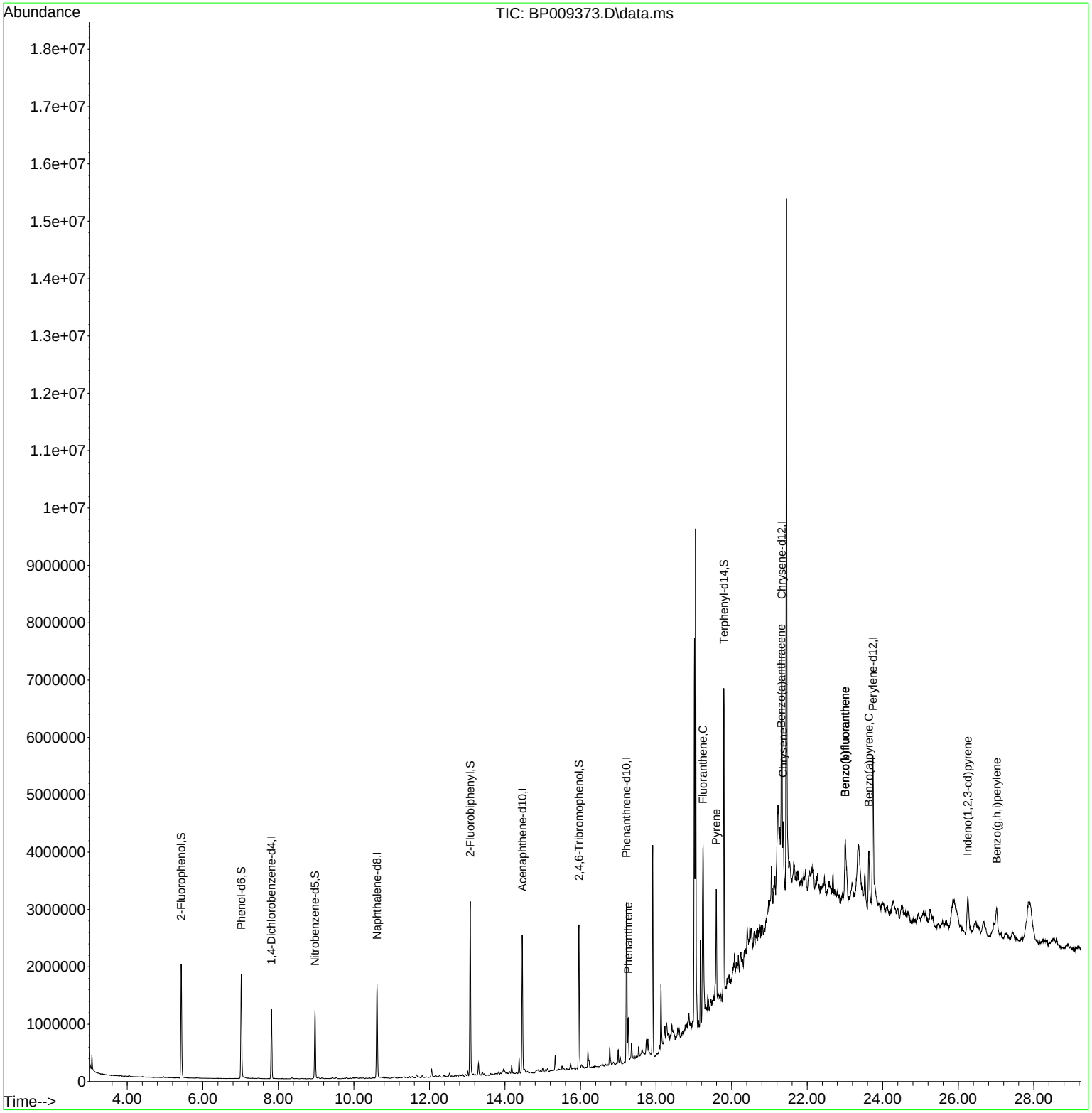
(#) = qualifier out of range (m) = manual integration (+) = signals summed

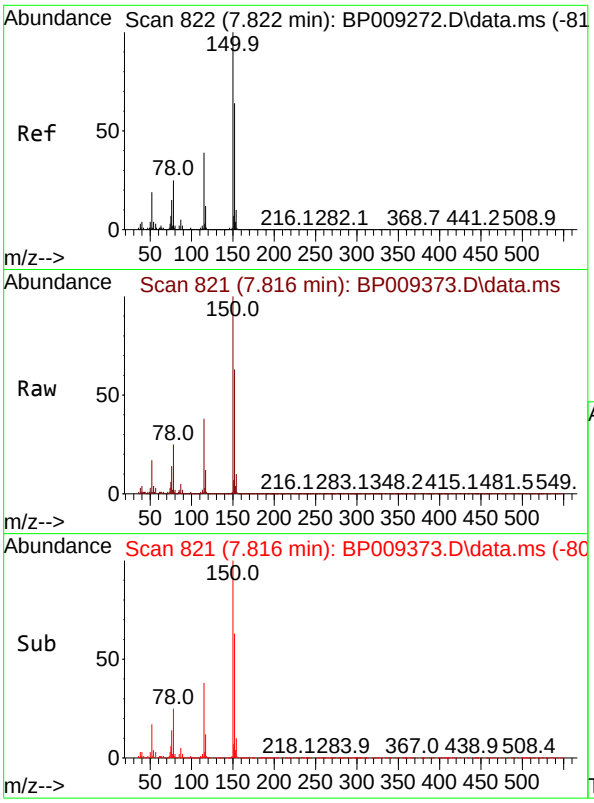
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
Data File : BP009373.D
Acq On : 11 Mar 2022 19:47
Operator : CG/JU
Sample : N1874-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Quant Time: Mar 12 04:52:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration



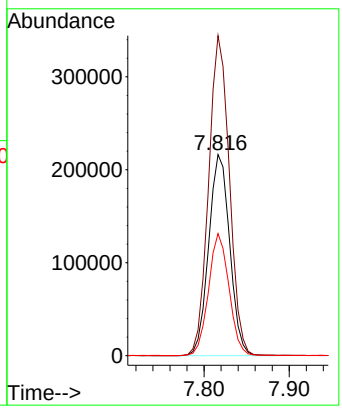


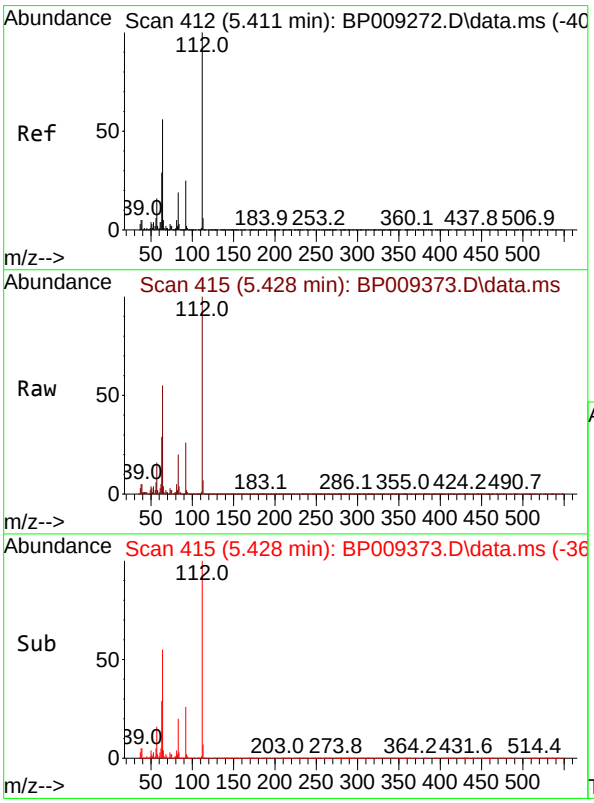
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:152 Resp: 371789

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.5	186.7
115	60.7	48.2	72.4

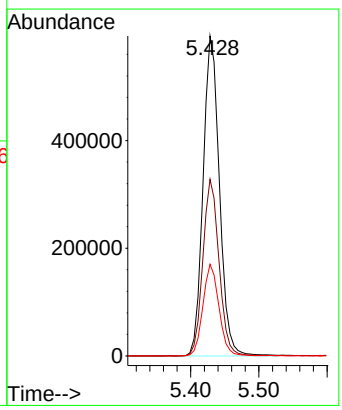


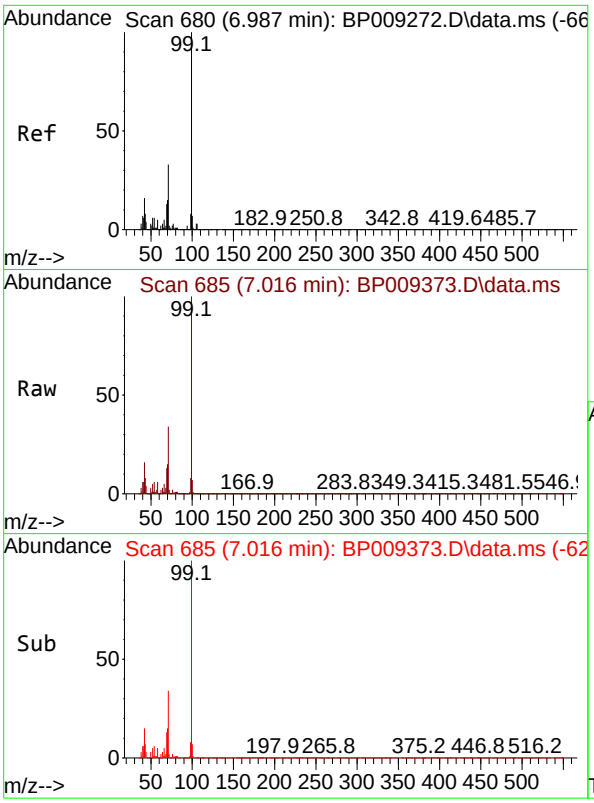


#5
2-Fluorophenol
Concen: 38.932 ng
RT: 5.428 min Scan# 415
Delta R.T. 0.017 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:112 Resp: 991613

Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.0	67.4
63	28.7	23.0	34.6



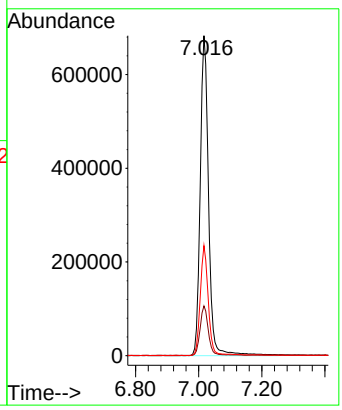


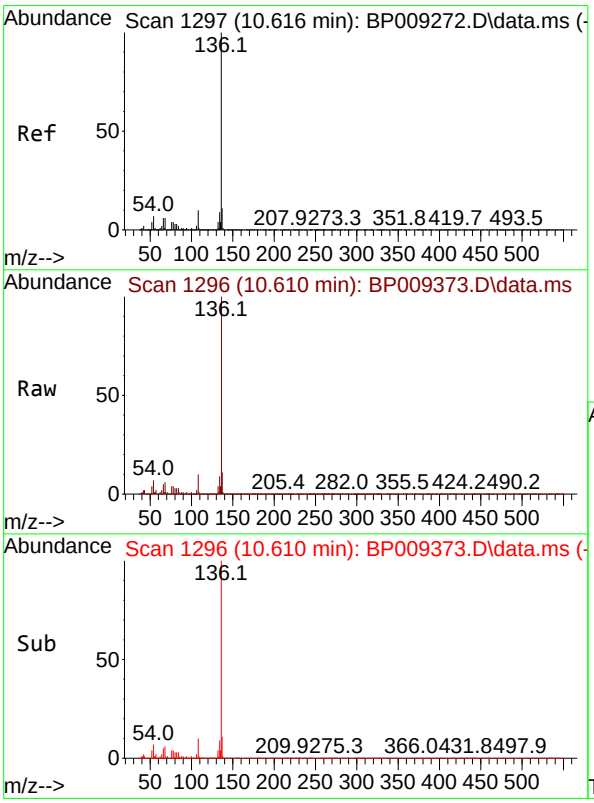
#7
Phenol-d6
Concen: 38.728 ng
RT: 7.016 min Scan# 6
Delta R.T. 0.029 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion: 99 Resp: 1253548

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.8	19.2
71	34.4	26.3	39.5

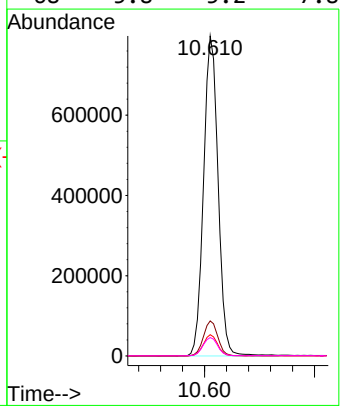


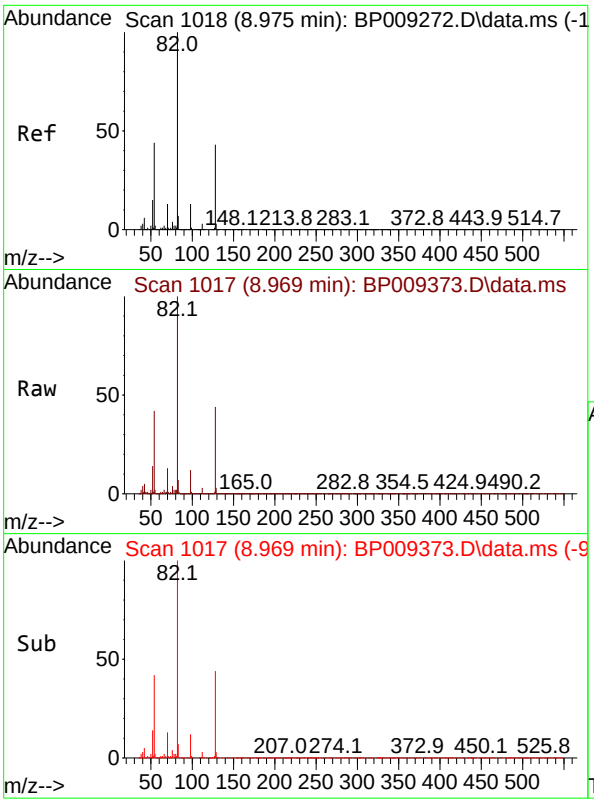


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:136 Resp: 1463413

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.6	5.8	8.8
68	5.8	5.2	7.8



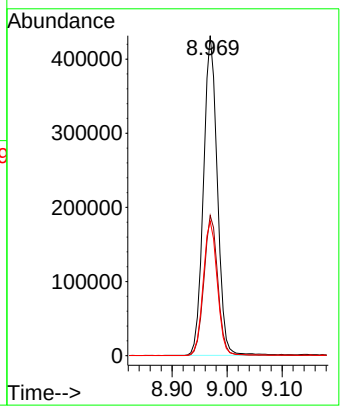


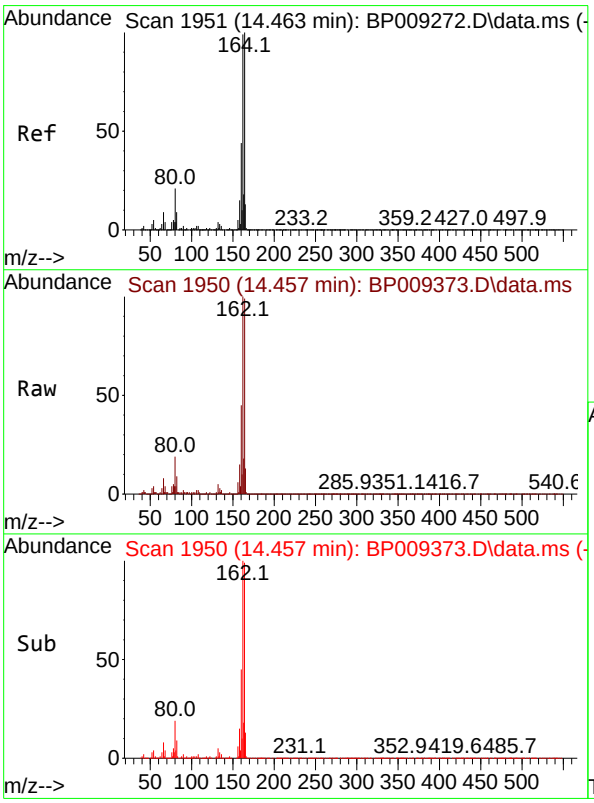
#23
Nitrobenzene-d5
Concen: 28.415 ng
RT: 8.969 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion: 82 Resp: 754976

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.2	51.4
54	42.0	34.7	52.1

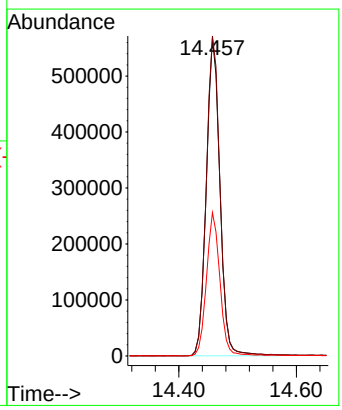


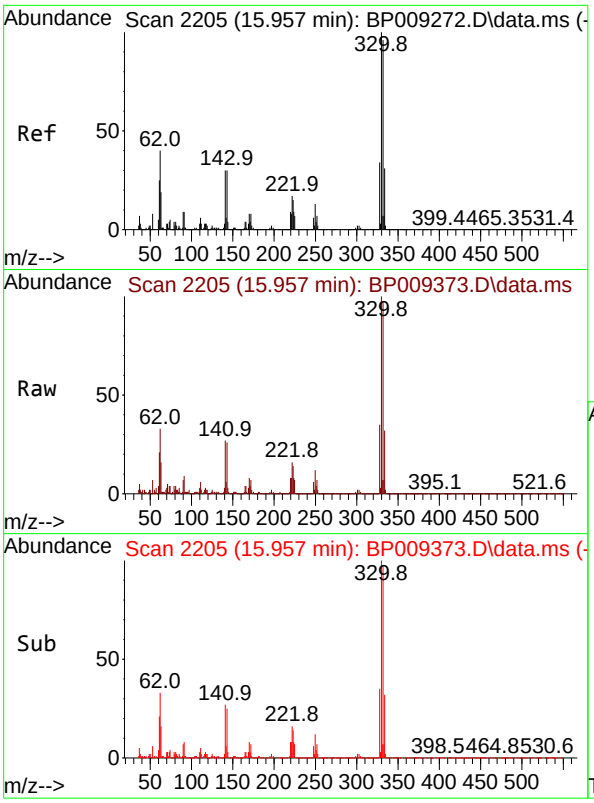


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:164 Resp: 913084

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.1	118.7
160	45.1	34.9	52.3



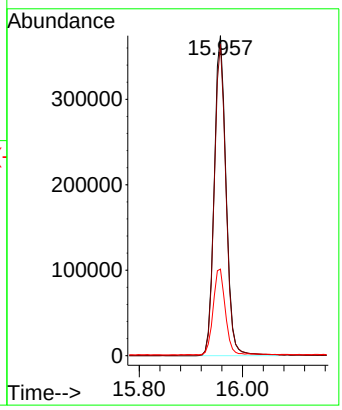


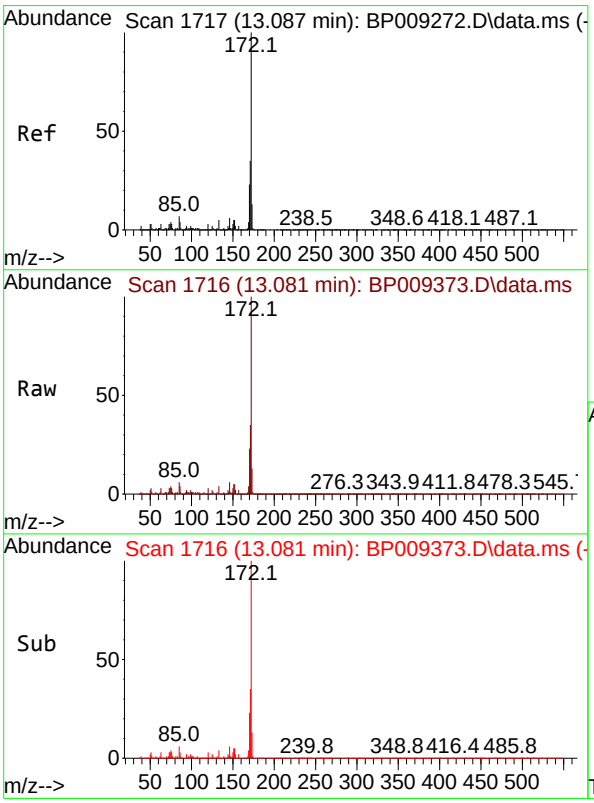
#42
2,4,6-Tribromophenol
Concen: 54.096 ng
RT: 15.957 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:330 Resp: 596435

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.6	27.6	41.4

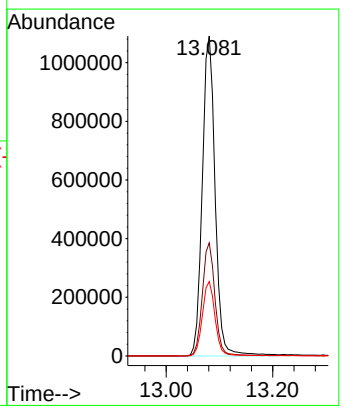


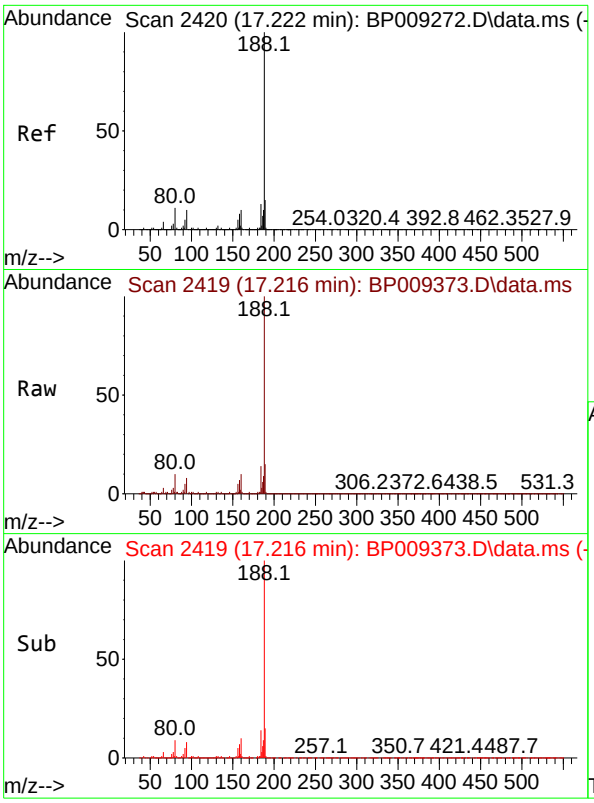


#45
2-Fluorobiphenyl
Concen: 27.505 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:172 Resp: 1826224

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.0	42.0
170	23.2	18.6	27.8



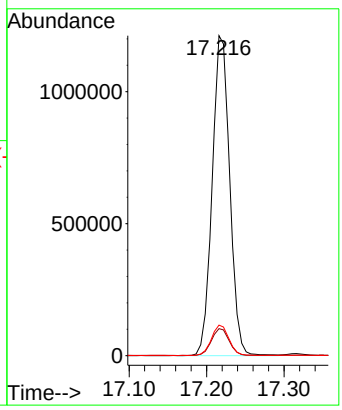


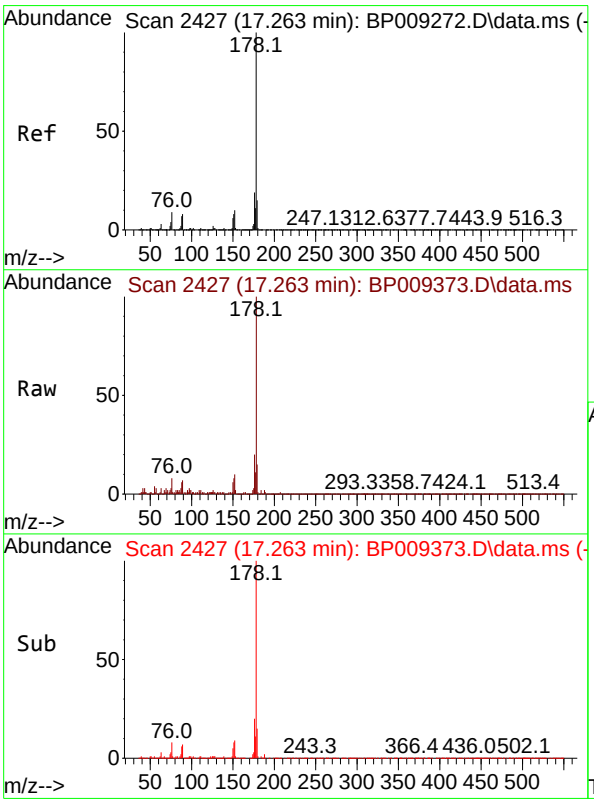
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:188 Resp: 1906250

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.9	11.9
80	9.5	8.8	13.2

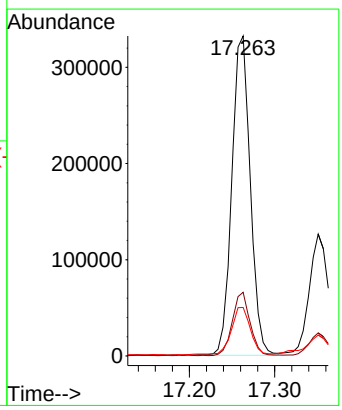


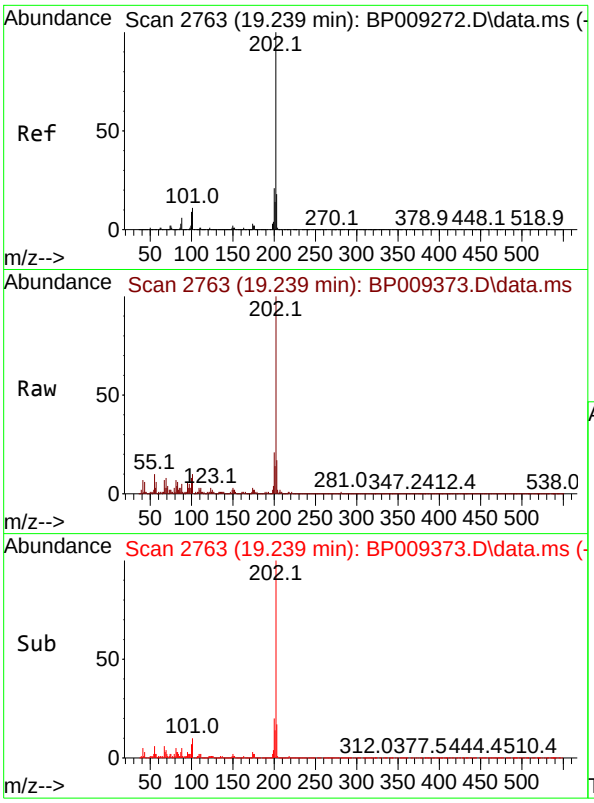


#71
Phenanthrene
Concen: 4.556 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:178 Resp: 499138

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.1	12.3	18.5



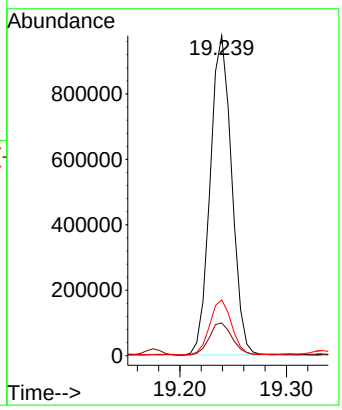


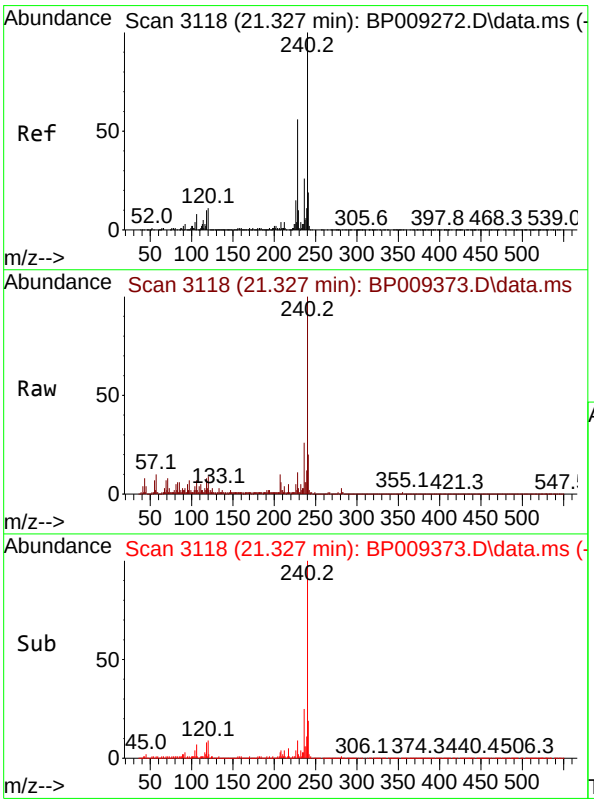
#75
Fluoranthene
Concen: 10.816 ng
RT: 19.239 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:202 Resp: 1367649

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.5
203	17.5	0.0	37.8

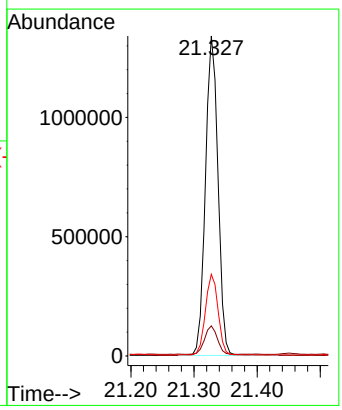


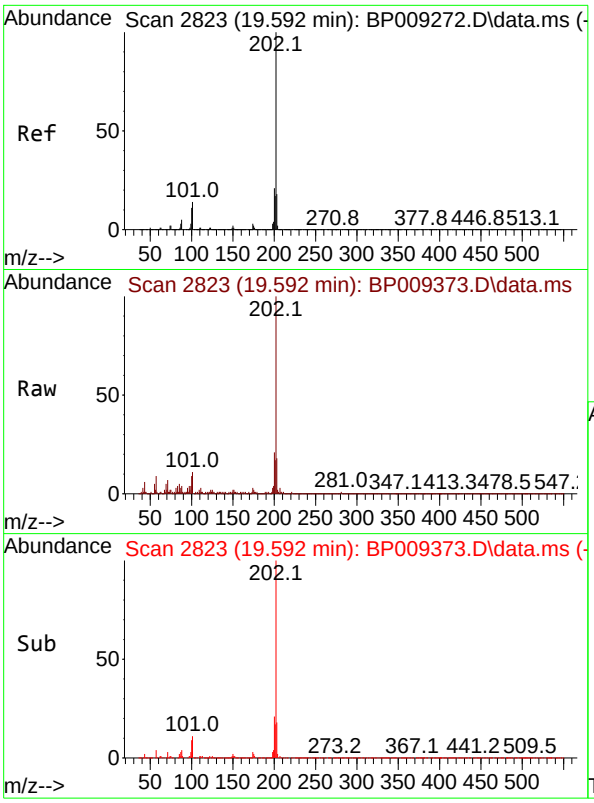


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:240 Resp: 1842886

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.0	13.4
236	25.5	20.6	30.8



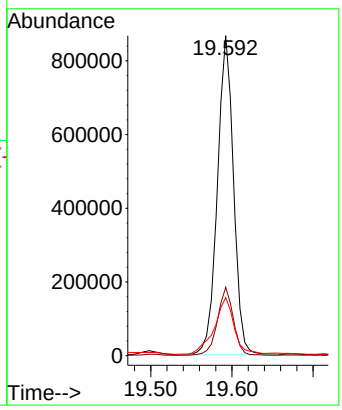


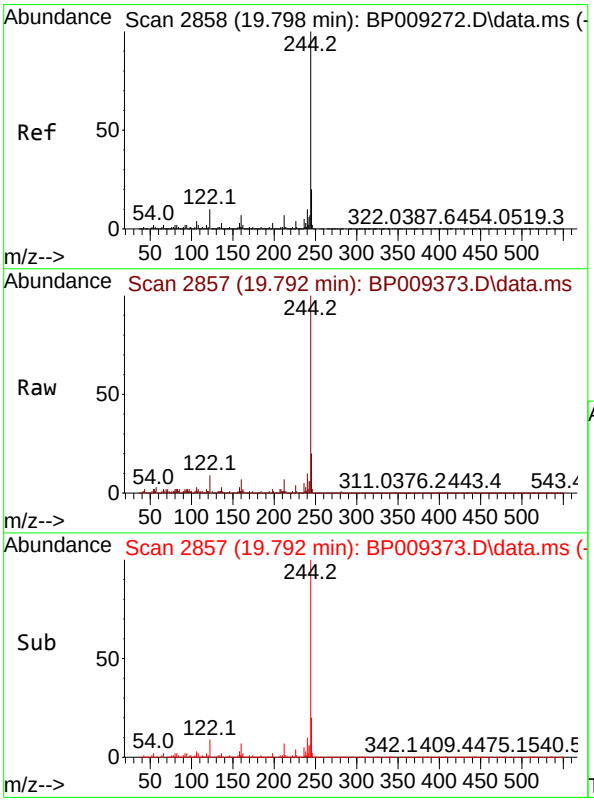
#78
Pyrene
Concen: 9.672 ng
RT: 19.592 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:202 Resp: 1203457

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	18.2	14.2	21.4

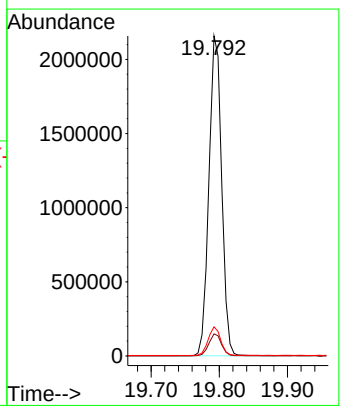


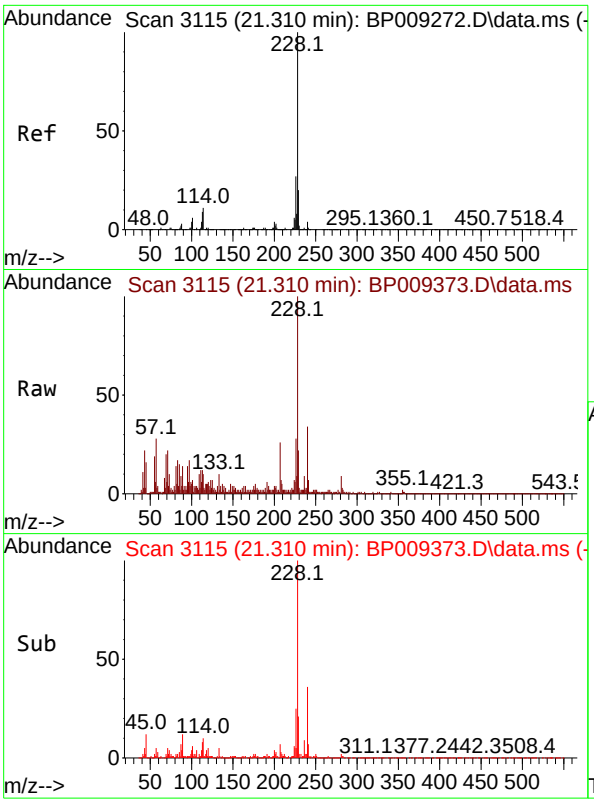


#79
Terphenyl-d14
Concen: 28.746 ng
RT: 19.792 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:244 Resp: 2807229

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	9.1	8.3	12.5



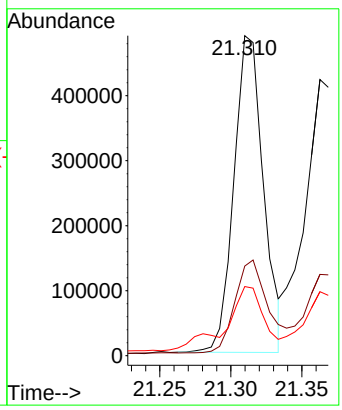


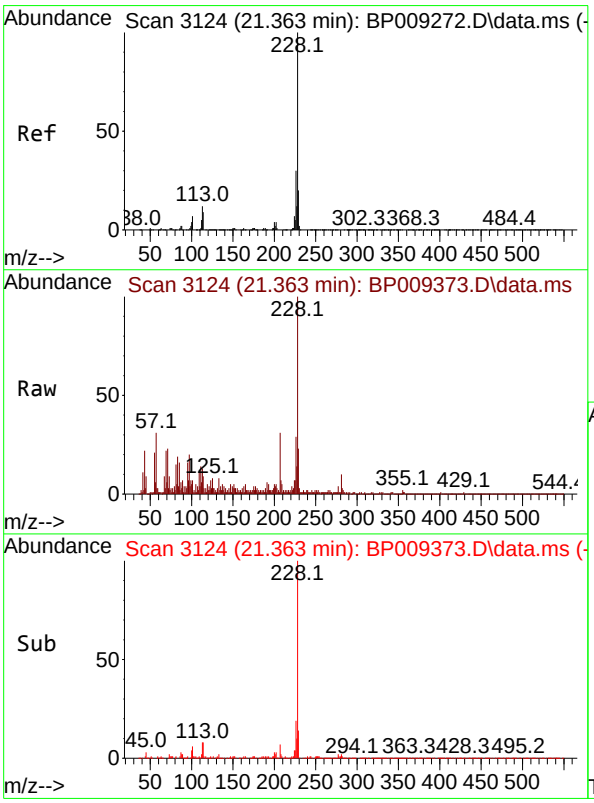
#81
Benzo(a)anthracene
Concen: 5.648 ng
RT: 21.310 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:228 Resp: 705455

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	21.6	16.1	24.1

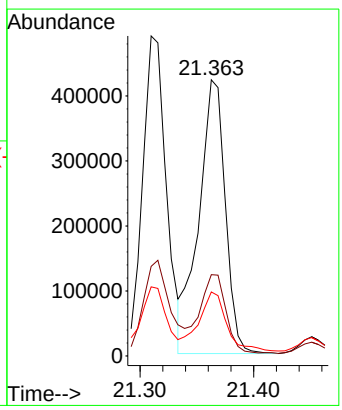


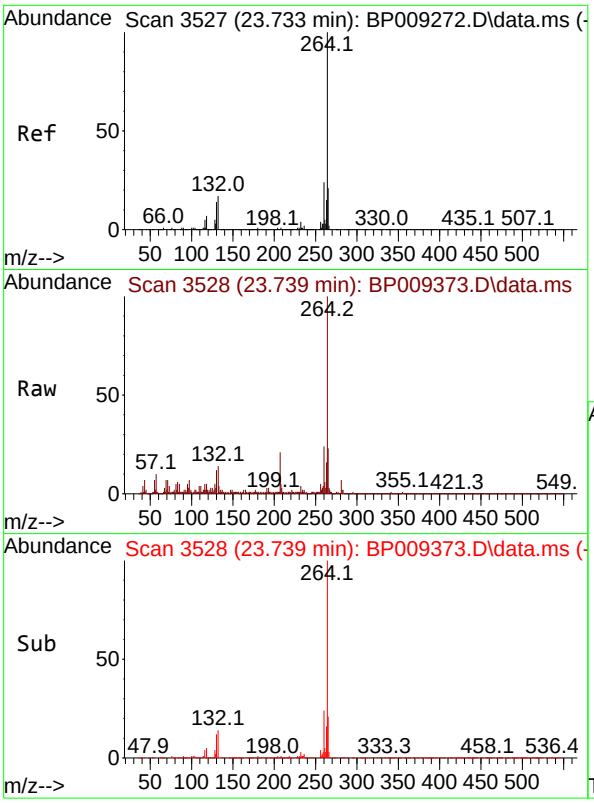


#83
Chrysene
Concen: 5.644 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:228 Resp: 684520

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.2
229	23.2	16.1	24.1



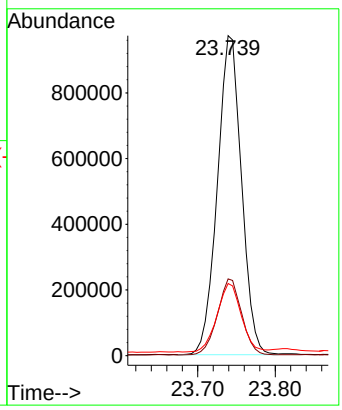


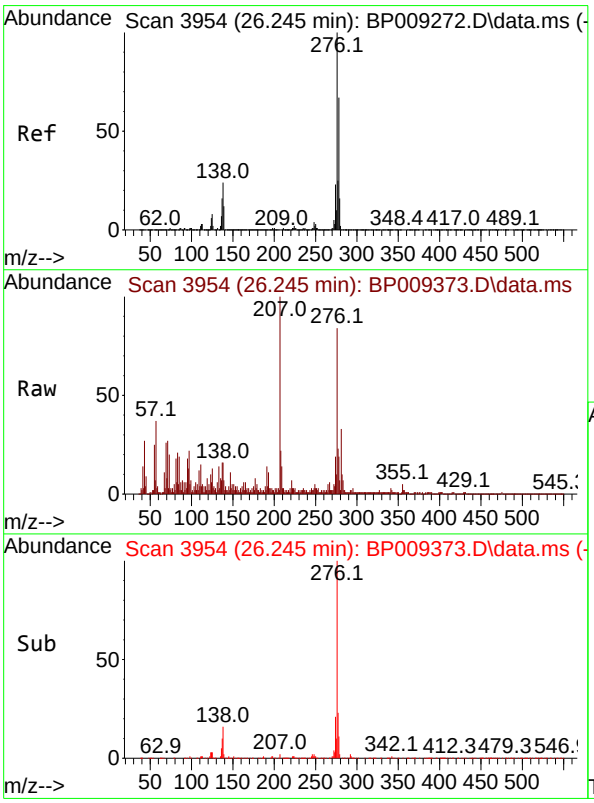
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.739 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:264 Resp: 2106114

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.5	17.2	25.8

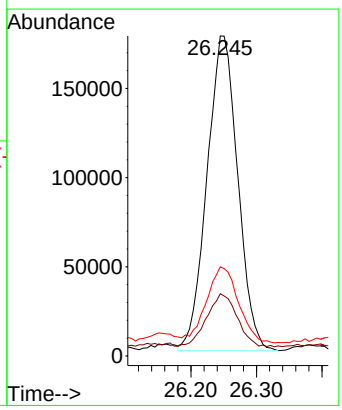


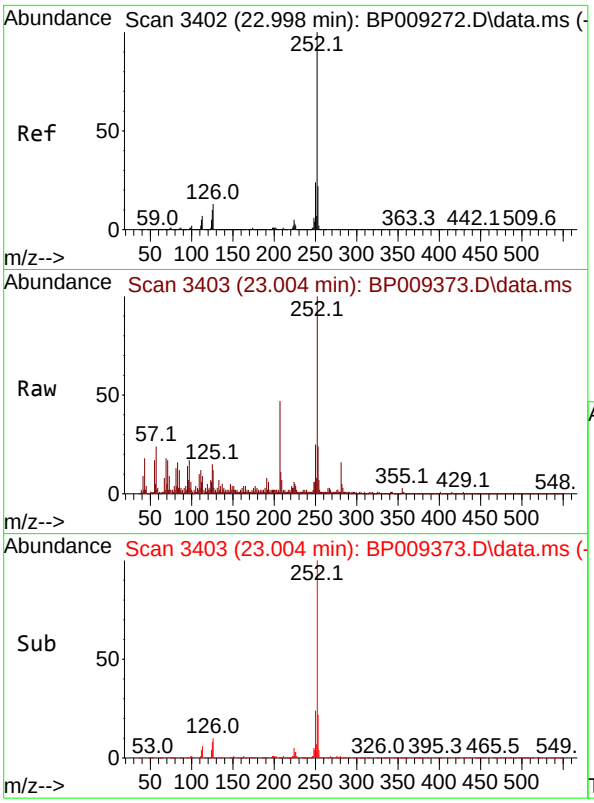


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.525 ng
RT: 26.245 min Scan# 3954
Delta R.T. -0.000 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:276 Resp: 576755

Ion	Ratio	Lower	Upper
276	100		
138	17.0	20.5	30.7#
277	24.9	20.4	30.6



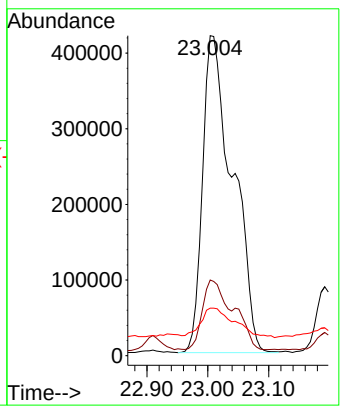


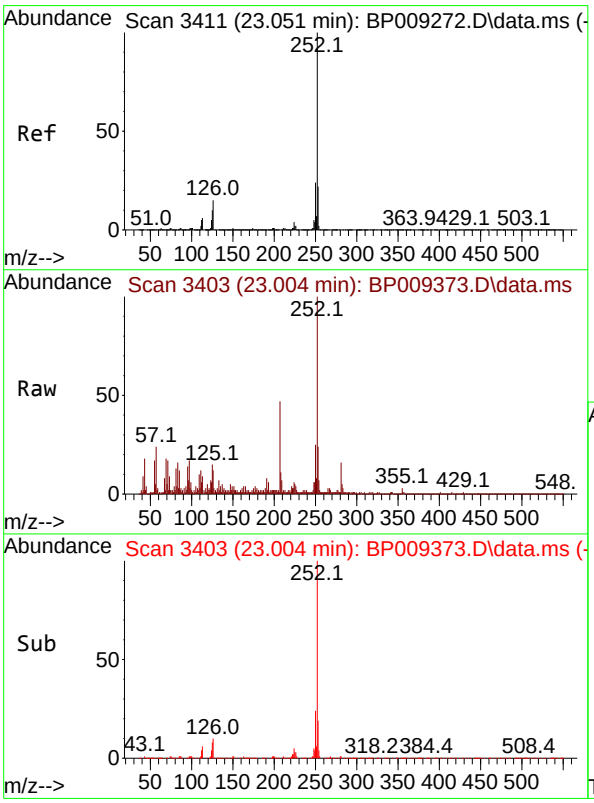
#88
Benzo(b)fluoranthene
Concen: 10.169 ng
RT: 23.004 min Scan# 34
Delta R.T. 0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:252 Resp: 1446037

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	14.8	8.1	12.1#

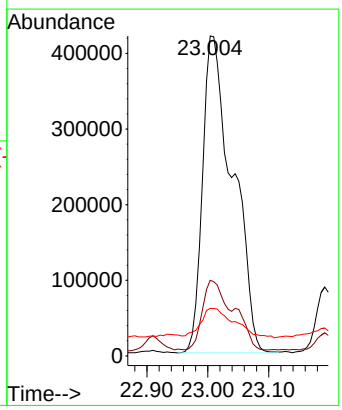


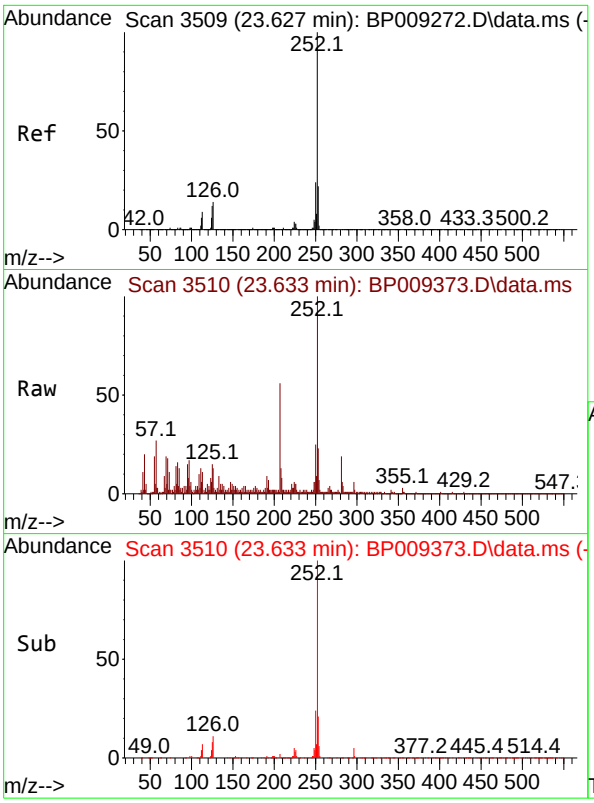


#89
Benzo(k)fluoranthene
Concen: 10.644 ng
RT: 23.004 min Scan# 3403
Delta R.T. -0.047 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:252 Resp: 1446037

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	14.8	8.3	12.5#



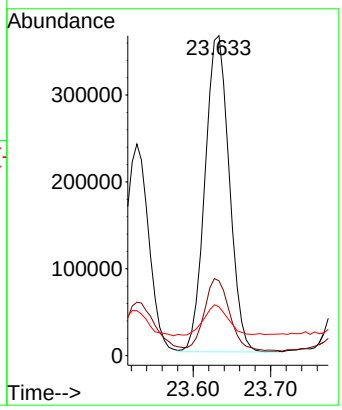


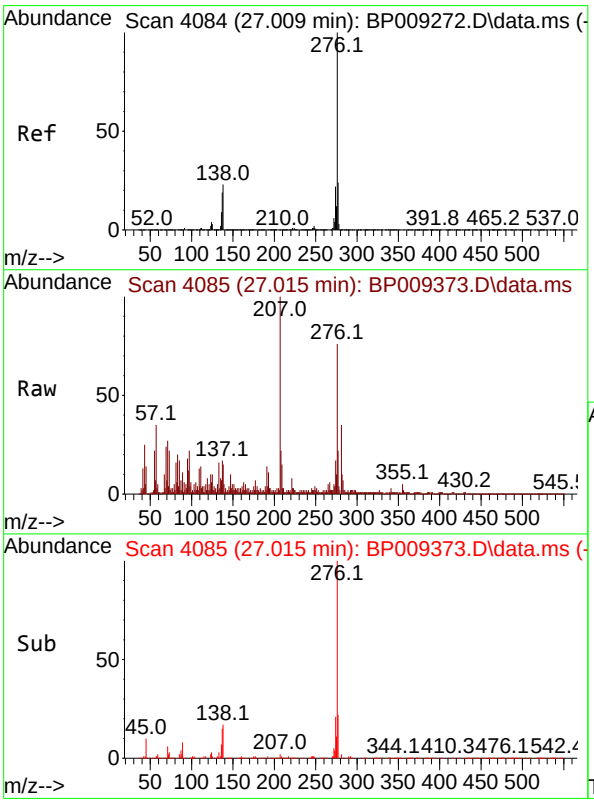
#90
Benzo(a)pyrene
Concen: 5.868 ng
RT: 23.633 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Instrument :
BNA_P
ClientSampleId :
EO-03-030922

Tgt Ion:252 Resp: 791401

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	15.3	9.3	13.9#





#92
Benzo(g,h,i)perylene
Concen: 4.077 ng
RT: 27.015 min Scan# 4085
Delta R.T. 0.006 min
Lab File: BP009373.D
Acq: 11 Mar 2022 19:47

Tgt Ion:276 Resp: 558850

Ion	Ratio	Lower	Upper
276	100		
277	28.9	19.2	28.8#
138	20.2	18.0	27.0