Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008972.D
Acq On : 31 Jan 2022 19:10
Operator : CG/JU
Sample : N1303-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC-5

Quant Time: Feb 01 04:21:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	230383	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	824712	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	467475	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	886262	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1076099	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1260629	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	669	0.045	ng	0.00
7) Phenol-d6	7.040	99	13205	0.732	ng	0.02
23) Nitrobenzene-d5	8.987	82	856780	58.981	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	152	0.022	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	2098126	59.188	ng	0.00
79) Terphenyl-d14	19.786	244	2802063	43.952	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.975	77	82618	6.852	ng	# 1
18) Hexachloroethane	8.934	117	166908	25.679	ng	# 1
19) n-Nitroso-di-n-propyla...	8.599	70	29570	2.804	ng	# 53
22) Acetophenone	8.634	105	385468	18.348	ng	# 63
24) Nitrobenzene	9.028	77	40053	2.730	ng	# 34
25) Isophorone	9.557	82	272710	10.388	ng	# 73
31) Naphthalene	10.675	128	1650382	36.845	ng	99
33) 4-Chloroaniline	10.675	127	215341	11.797	ng	# 32
37) 2-Methylnaphthalene	12.293	142	213189	6.510	ng	98
38) 1-Methylnaphthalene	12.293	142	213189	7.093	ng	96
52) Acenaphthene	14.534	154	62405	2.375	ng	98
58) Fluorene	15.522	166	92180	2.725	ng	97
71) Phenanthrene	17.263	178	998537	20.011	ng	98
72) Anthracene	17.357	178	172096	3.438	ng	99
75) Fluoranthene	19.239	202	1103912	19.894	ng	96
78) Pyrene	19.592	202	1043574	13.899	ng	98
81) Benzo(a)anthracene	21.304	228	617081	8.524	ng	98
83) Chrysene	21.351	228	623454	8.884	ng	98
87) Indeno(1,2,3-cd)pyrene	26.227	276	416976	4.014	ng	# 95
88) Benzo(b)fluoranthene	22.992	252	787584	9.355	ng	96
89) Benzo(k)fluoranthene	22.992	252	787584	9.664	ng	97
90) Benzo(a)pyrene	23.621	252	553798	6.815	ng	98
92) Benzo(g,h,i)perylene	26.998	276	419740	4.867	ng	99

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

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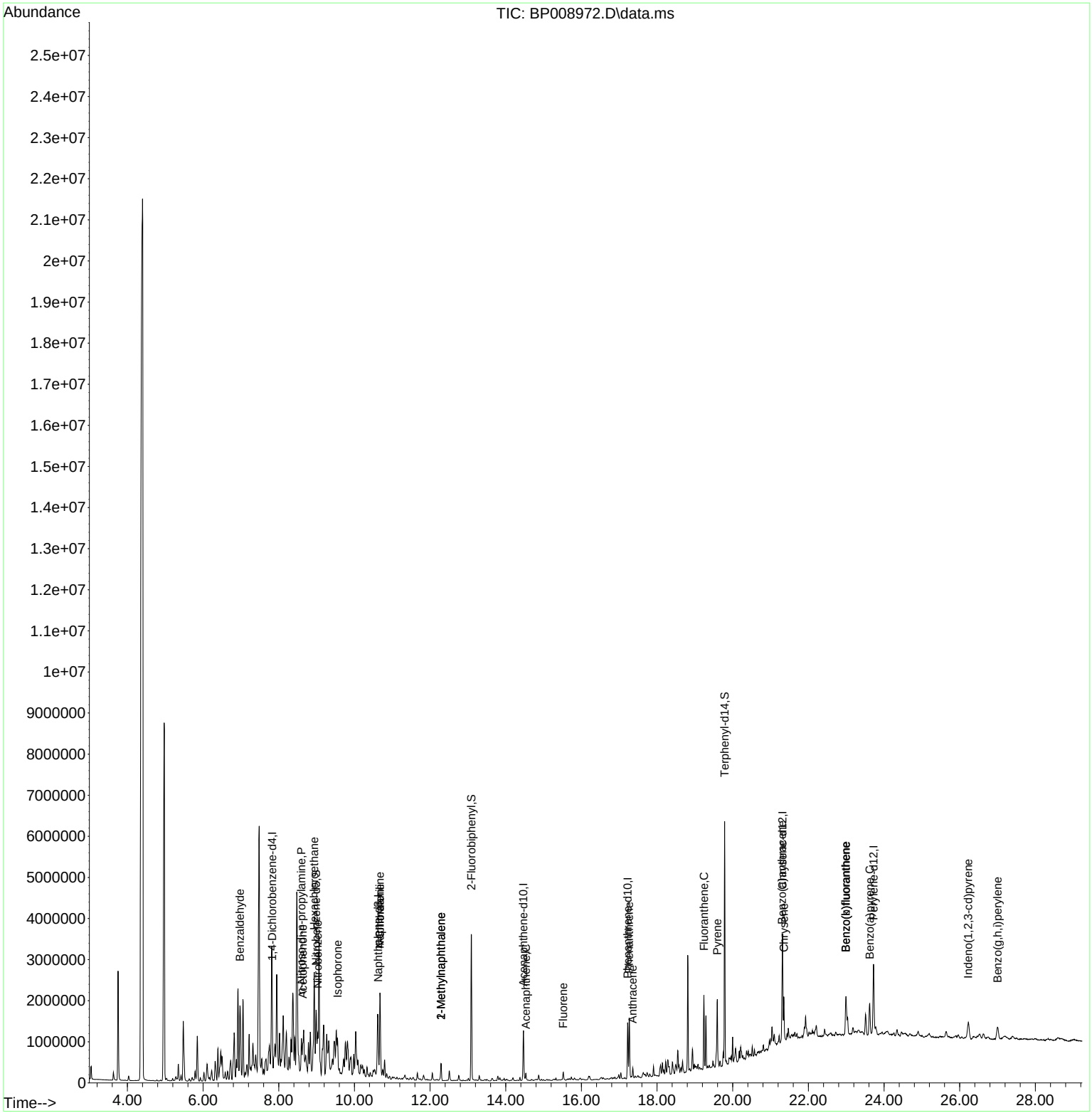
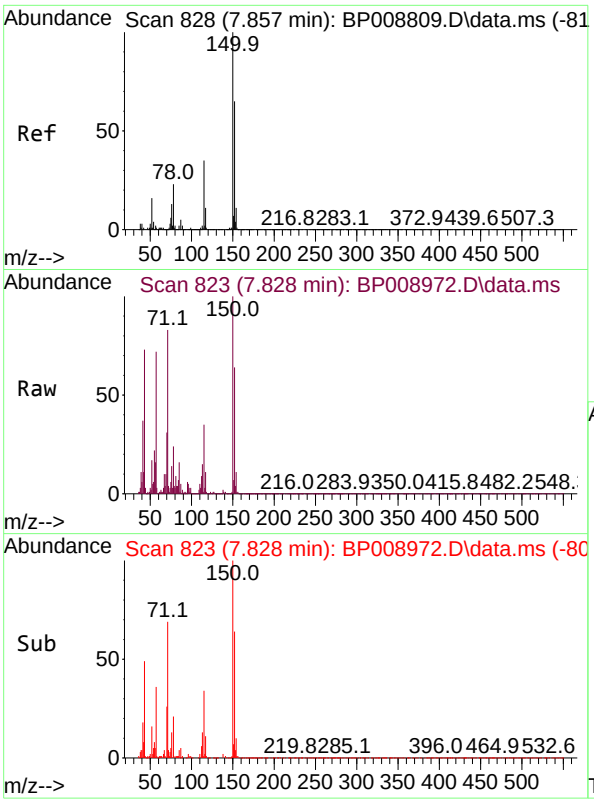


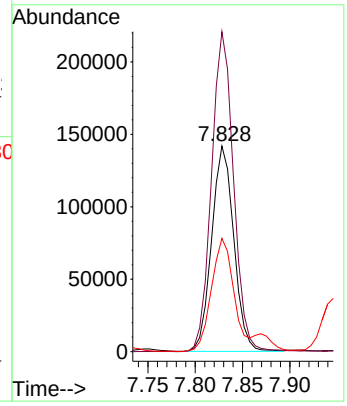


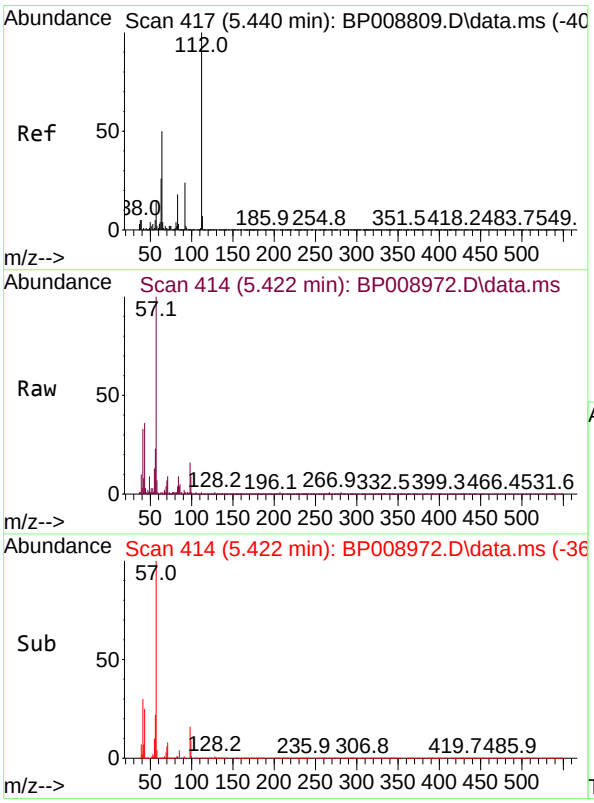
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:152 Resp: 230383

Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.0	190.6
115	55.1	43.7	65.5

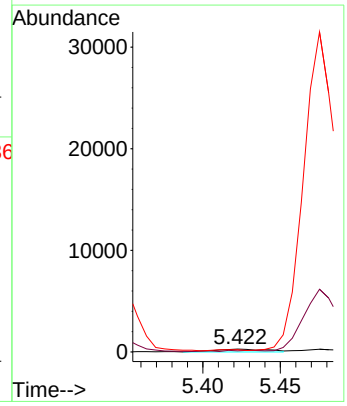


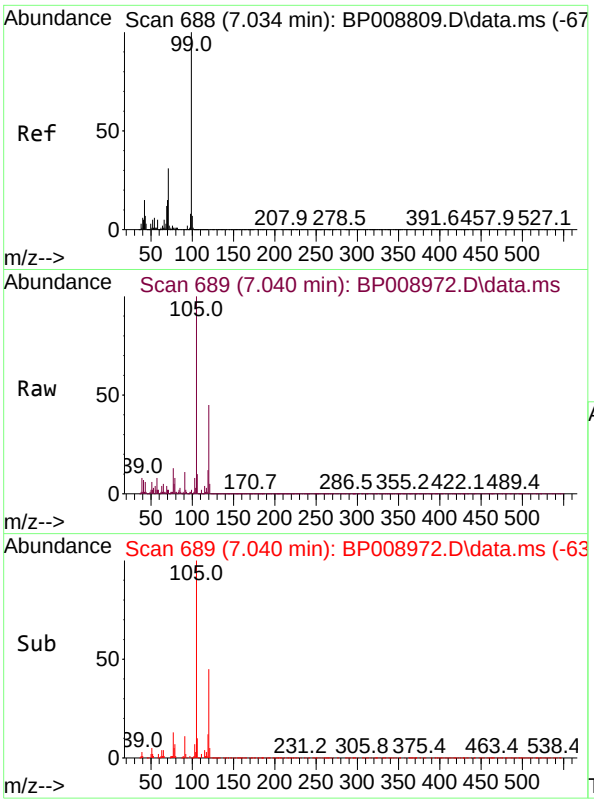


#5
2-Fluorophenol
Concen: 0.045 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:112 Resp: 669

Ion	Ratio	Lower	Upper
112	100		
64	40.0	39.7	59.5
63	76.5	20.0	30.0#



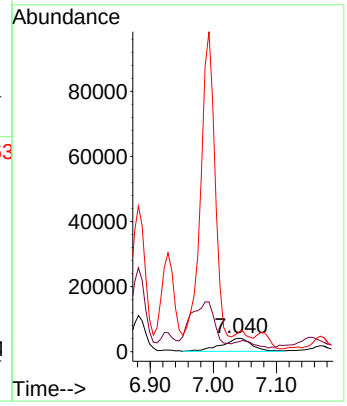


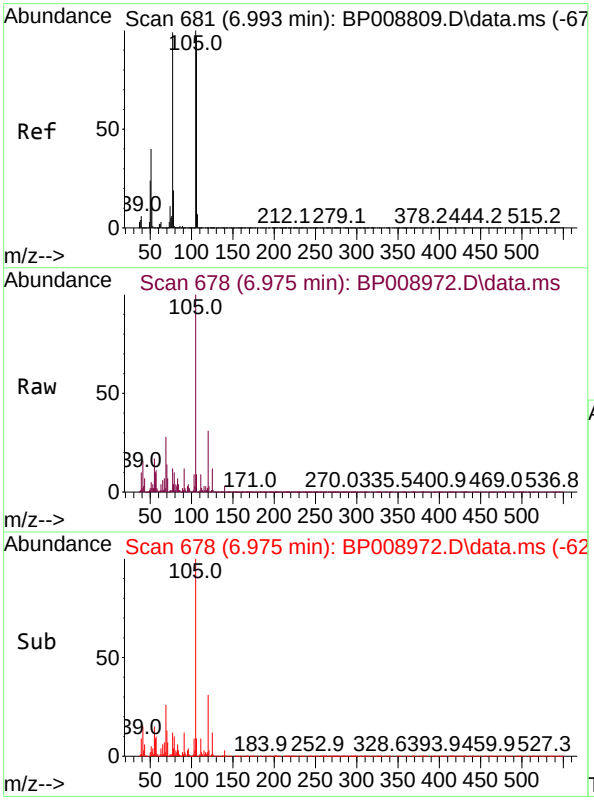
#7
Phenol-d6
Concen: 0.732 ng
RT: 7.040 min Scan# 6
Delta R.T. 0.024 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion: 99 Resp: 13205

Ion	Ratio	Lower	Upper
99	100		
42	72.9	10.8	16.2#
71	144.9	23.8	35.6#

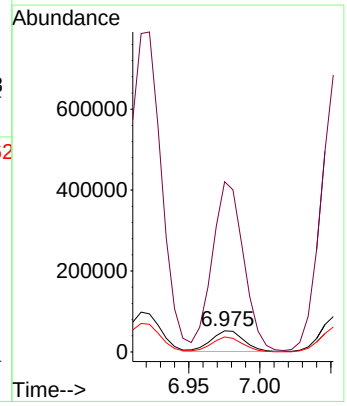


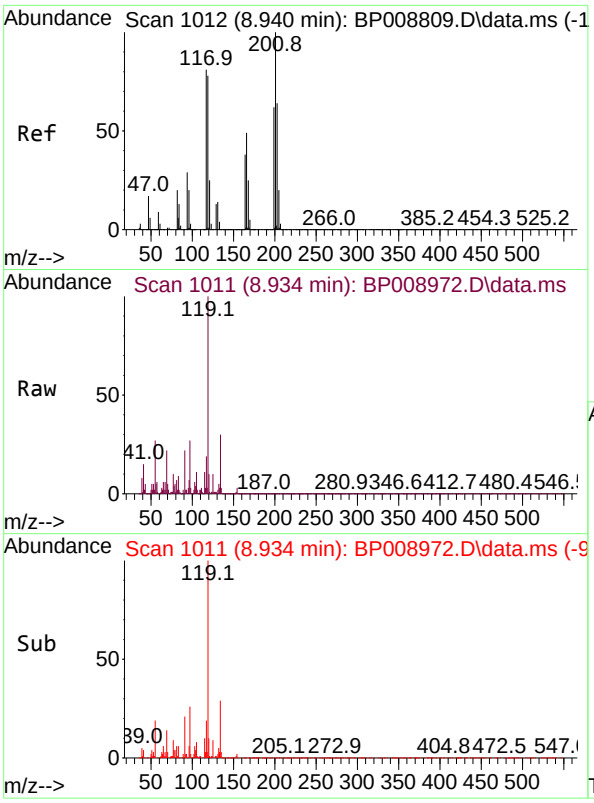


#9
Benzaldehyde
Concen: 6.852 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.000 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion: 77 Resp: 82618

Ion	Ratio	Lower	Upper
77	100		
105	806.9	84.2	124.2#
106	71.1	80.6	120.6#



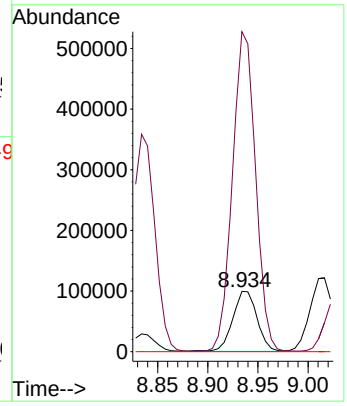


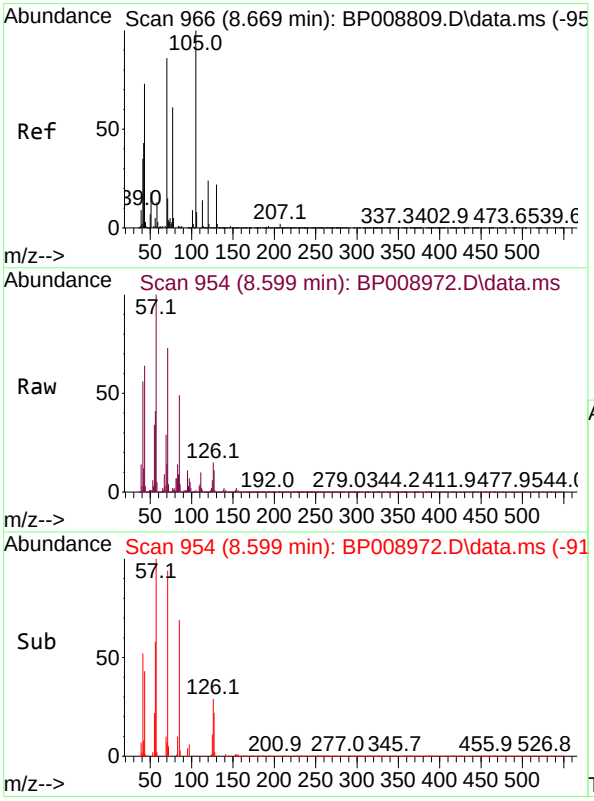
#18
Hexachloroethane
Concen: 25.679 ng
RT: 8.934 min Scan# 1(
Delta R.T. 0.024 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:117 Resp: 166908

Ion	Ratio	Lower	Upper
117	100		
119	531.1	76.9	115.3#
201	0.0	93.7	140.5#

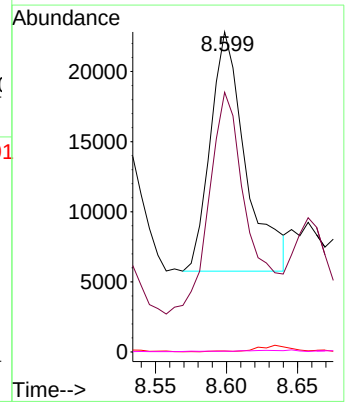


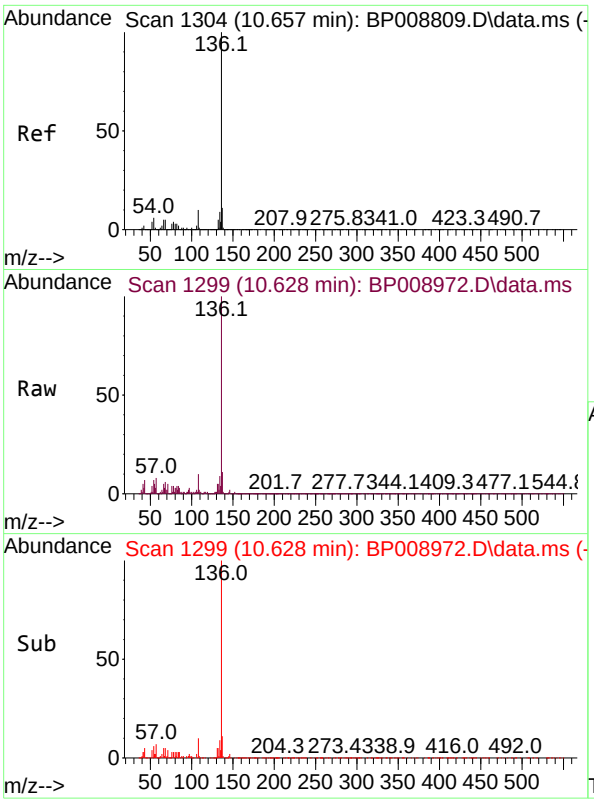


#19
n-Nitroso-di-n-propylamine
Concen: 2.804 ng
RT: 8.599 min Scan# 954
Delta R.T. -0.047 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion: 70 Resp: 29570

Ion	Ratio	Lower	Upper
70	100		
42	81.1	38.2	57.2#
101	0.3	8.7	13.1#
130	0.2	21.0	31.6#



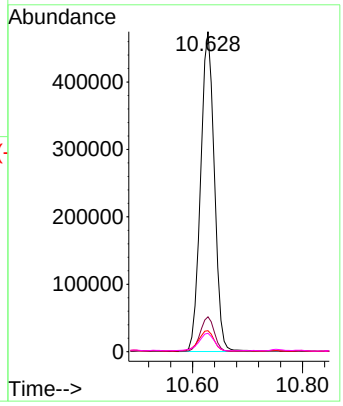


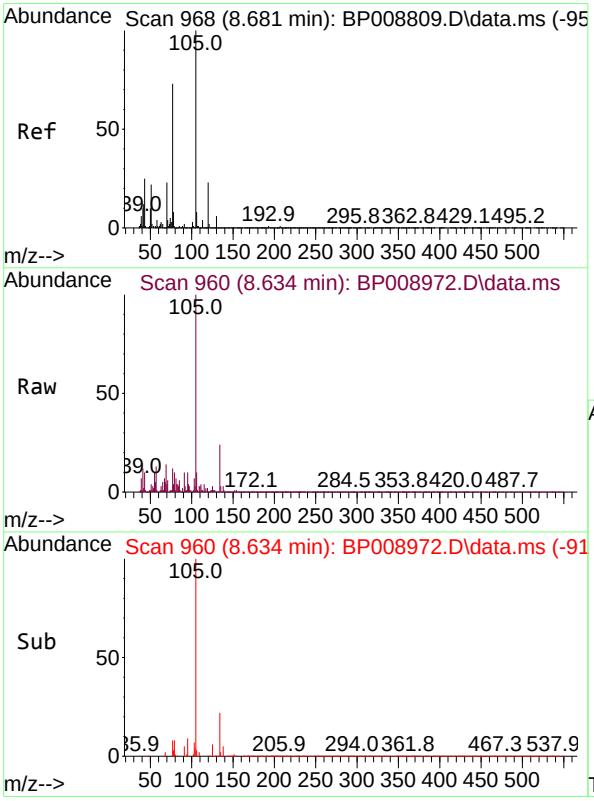
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:136 Resp: 824712

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.5	4.9	7.3
68	5.8	4.3	6.5

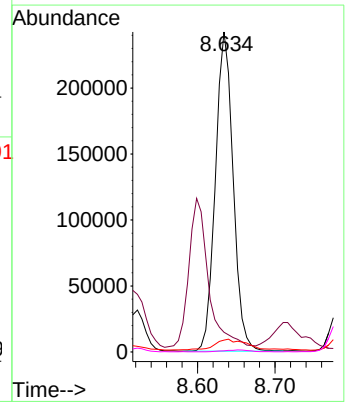


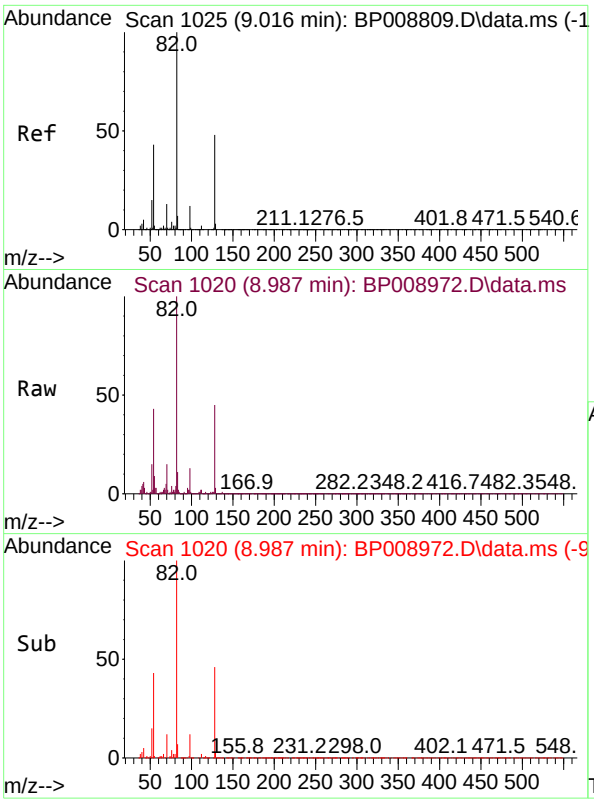


#22
Acetophenone
Concen: 18.348 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.029 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:105 Resp: 385468

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.3	7.9
51	3.7	16.3	24.5#
120	0.3	19.2	28.8#



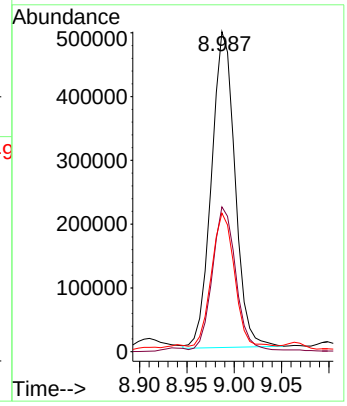


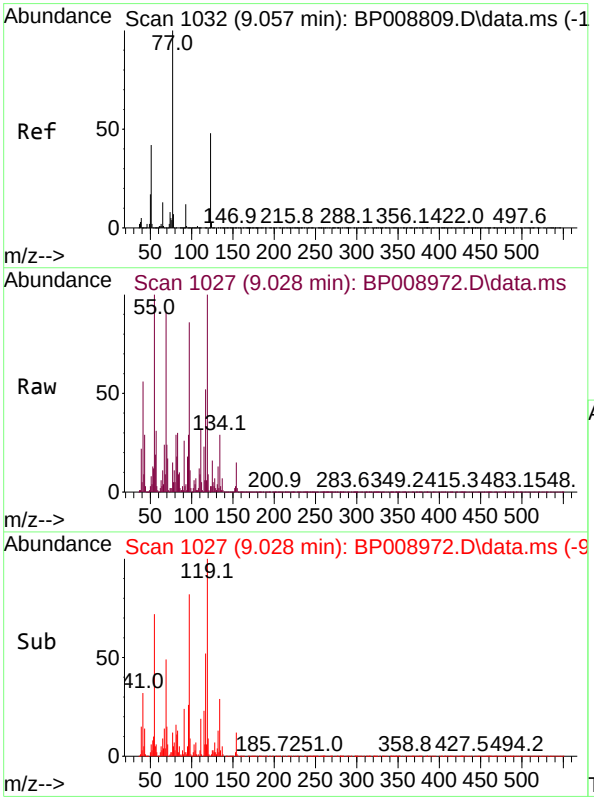
#23
Nitrobenzene-d5
Concen: 58.981 ng
RT: 8.987 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion: 82 Resp: 856780

Ion	Ratio	Lower	Upper
82	100		
128	45.2	39.4	59.2
54	43.3	32.6	48.8

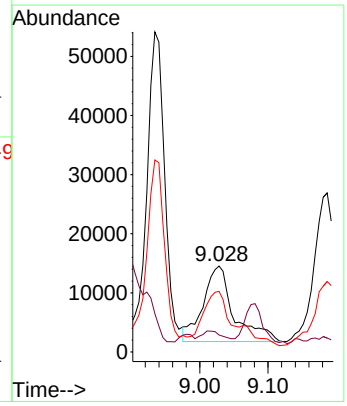


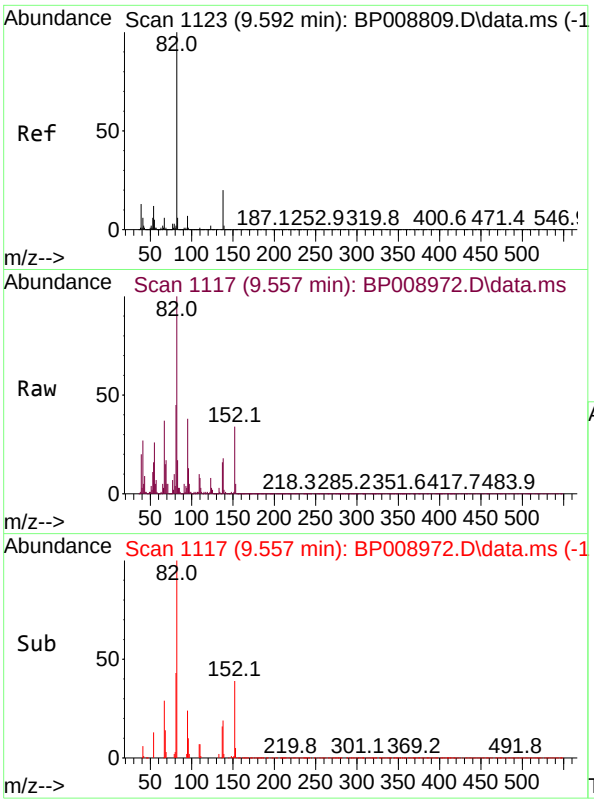


#24
Nitrobenzene
Concen: 2.730 ng
RT: 9.028 min Scan# 1027
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion: 77 Resp: 40053

Ion	Ratio	Lower	Upper
77	100		
123	19.8	41.4	62.2#
65	70.6	9.8	14.8#



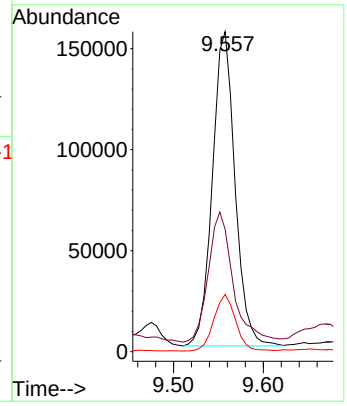


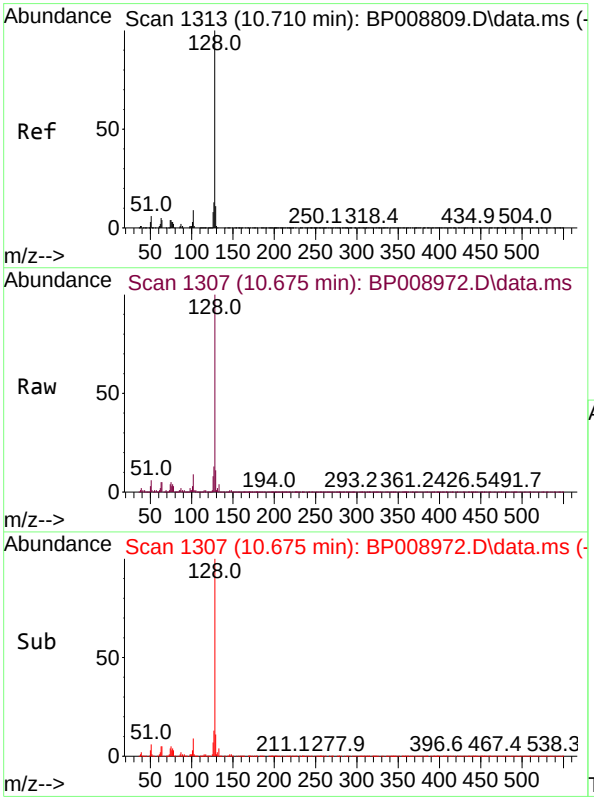
#25
Isophorone
Concen: 10.388 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion: 82 Resp: 272710

Ion	Ratio	Lower	Upper
82	100		
95	38.2	5.4	8.2#
138	17.9	16.6	24.8

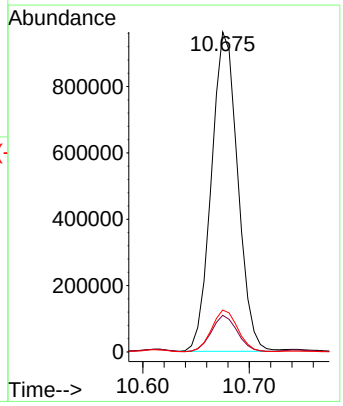


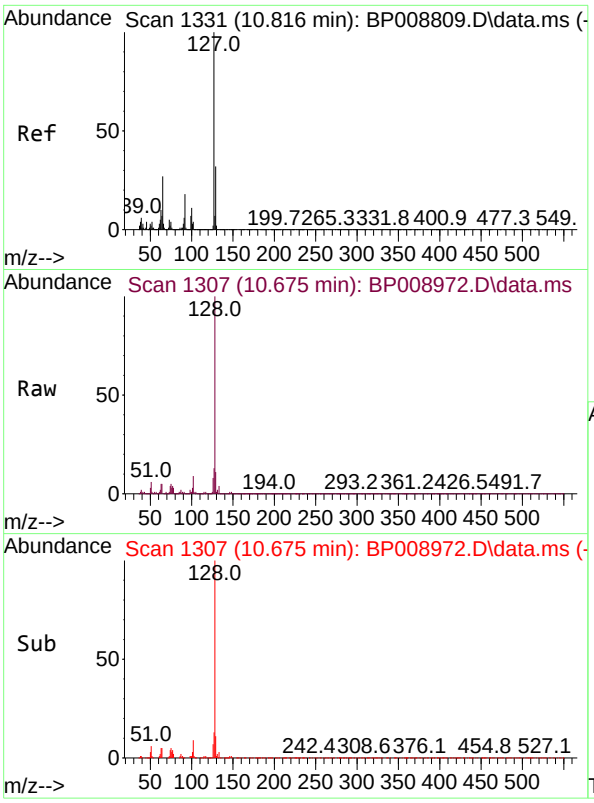


#31
Naphthalene
Concen: 36.845 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:128 Resp: 1650382

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.1	10.4	15.6



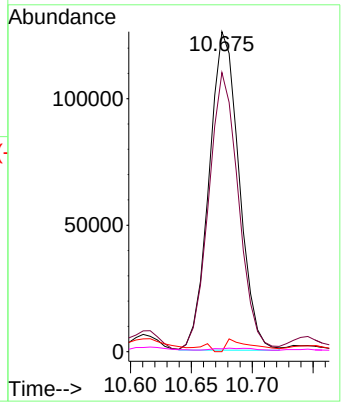


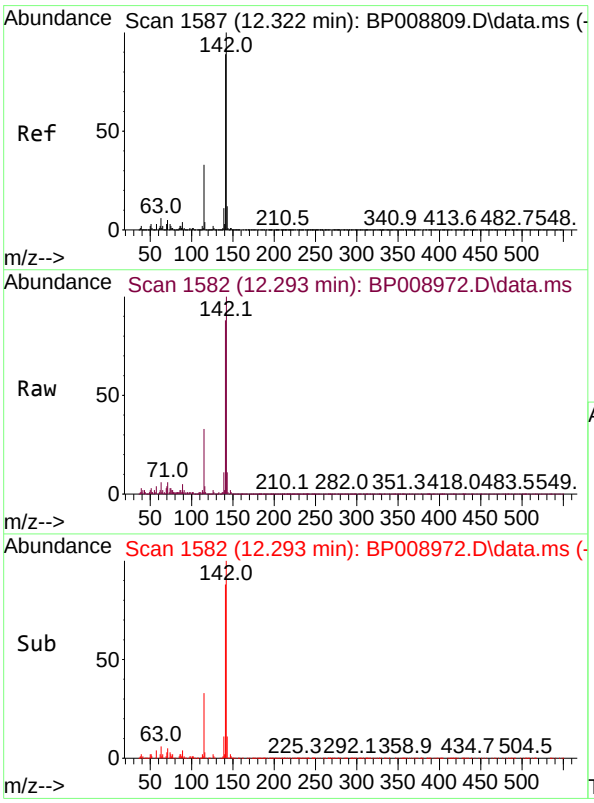
#33
4-Chloroaniline
Concen: 11.797 ng
RT: 10.675 min Scan# 1
Delta R.T. -0.123 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:127 Resp: 215341

Ion	Ratio	Lower	Upper
127	100		
129	87.3	26.0	39.0#
65	0.0	20.5	30.7#
92	0.9	14.1	21.1#

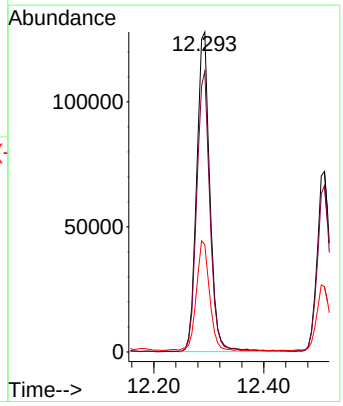


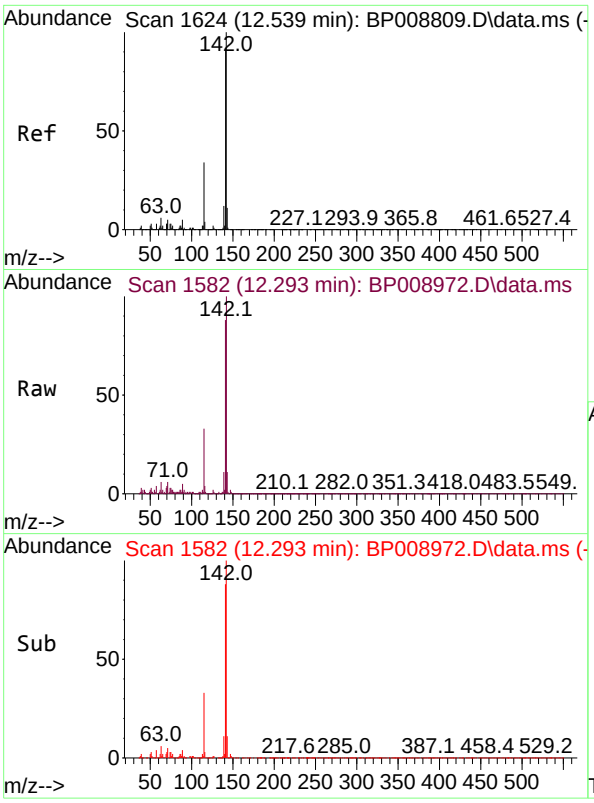


#37
2-Methylnaphthalene
Concen: 6.510 ng
RT: 12.293 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:142 Resp: 213189

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.5	105.7
115	33.5	24.6	36.8



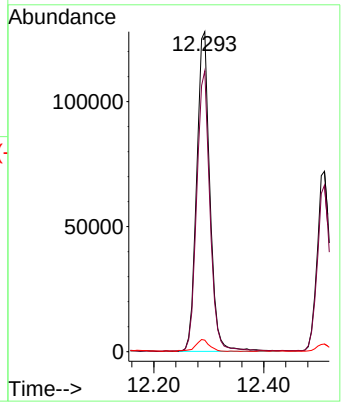


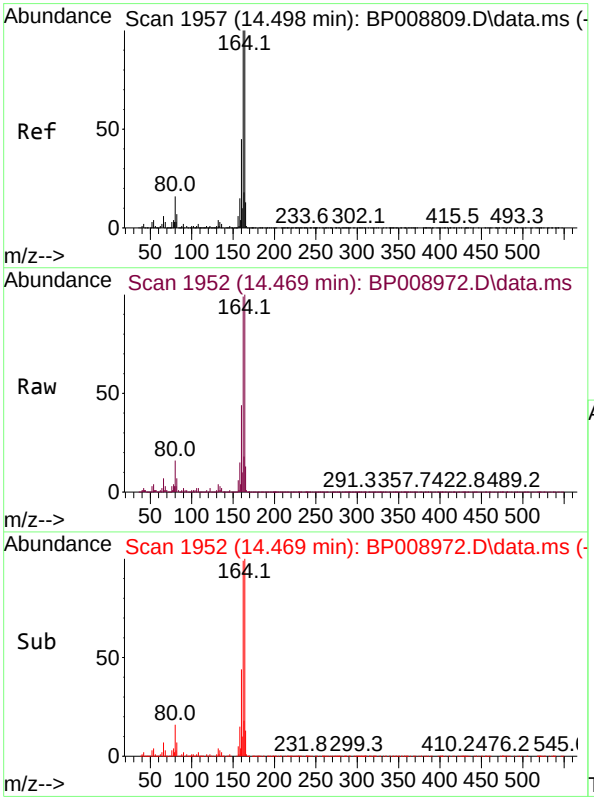
#38
1-Methylnaphthalene
Concen: 7.093 ng
RT: 12.293 min Scan# 1
Delta R.T. -0.223 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:142 Resp: 213189

Ion	Ratio	Lower	Upper
142	100		
141	87.8	73.2	109.8
116	3.6	2.7	4.1

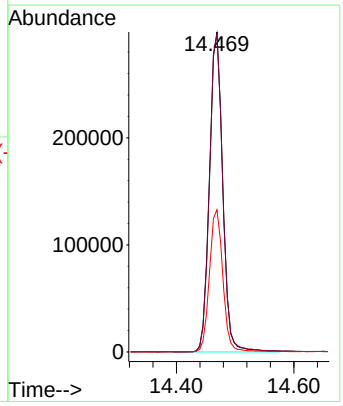


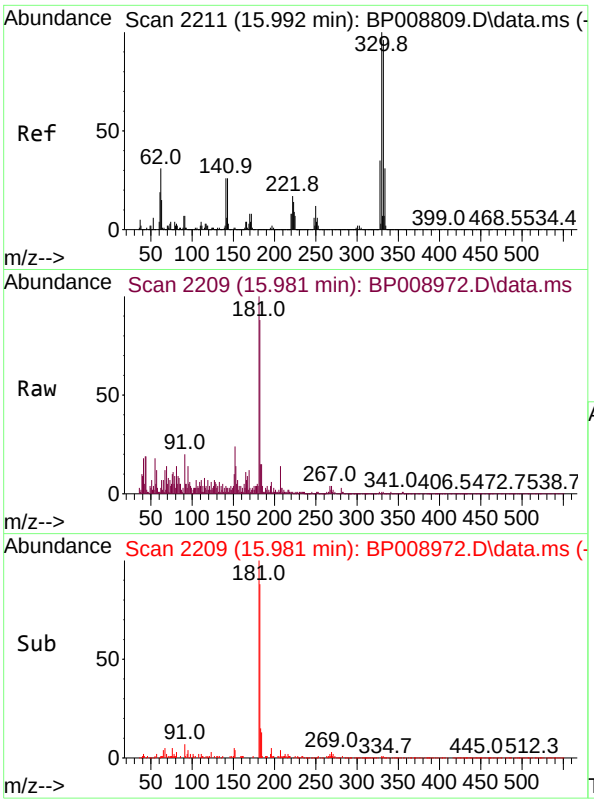


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:164 Resp: 467475

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.9	119.9
160	44.4	35.5	53.3



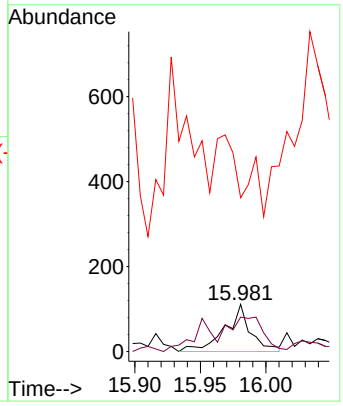


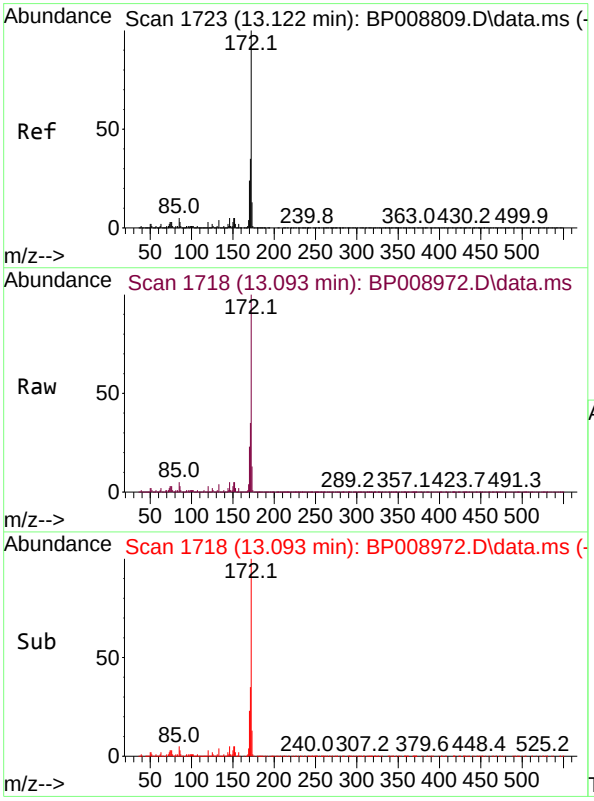
#42
2,4,6-Tribromophenol
Concen: 0.022 ng
RT: 15.981 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:330 Resp: 152

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.4
141	84.2	21.3	31.9#

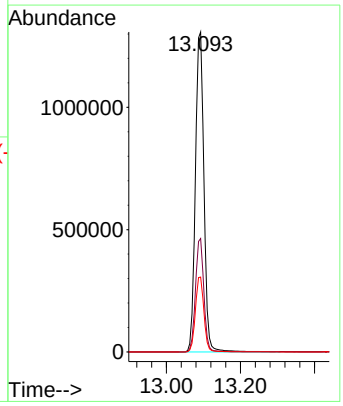


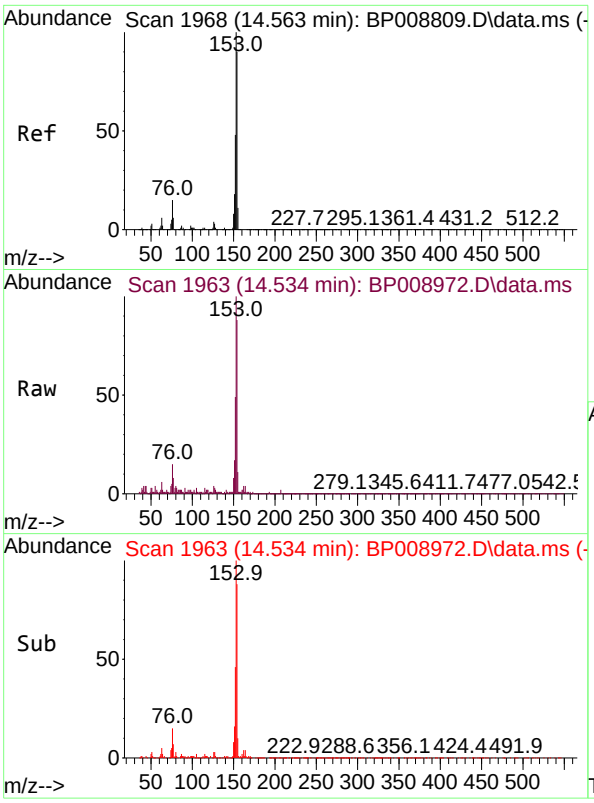


#45
2-Fluorobiphenyl
Concen: 59.188 ng
RT: 13.093 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:172 Resp: 2098126

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.3	43.9
170	23.4	19.5	29.3



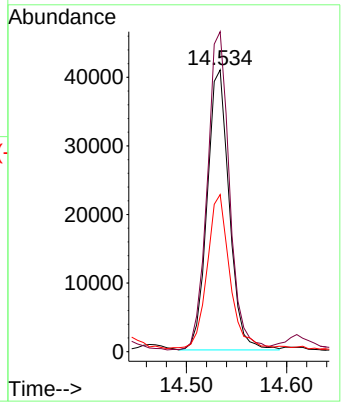


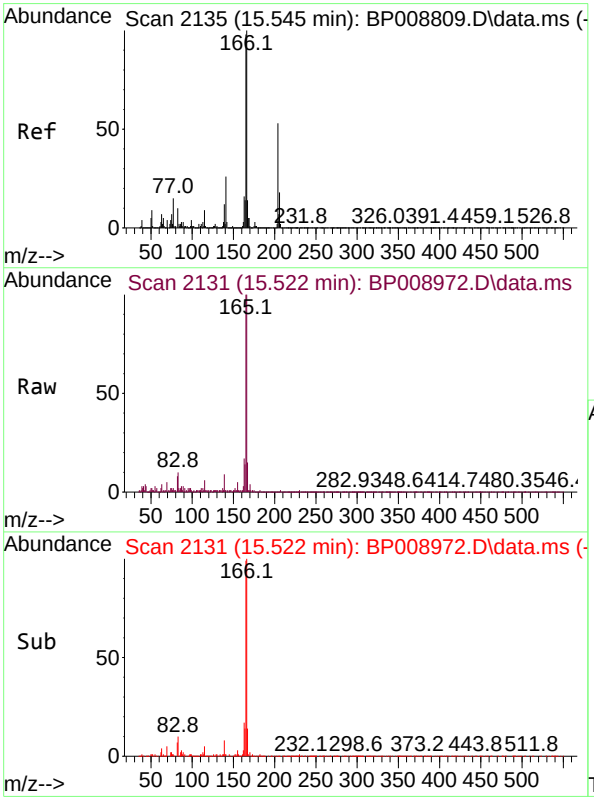
#52
Acenaphthene
Concen: 2.375 ng
RT: 14.534 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:154 Resp: 62405

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.4	134.2
152	55.8	42.6	63.8

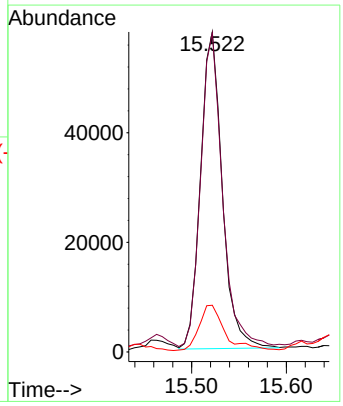


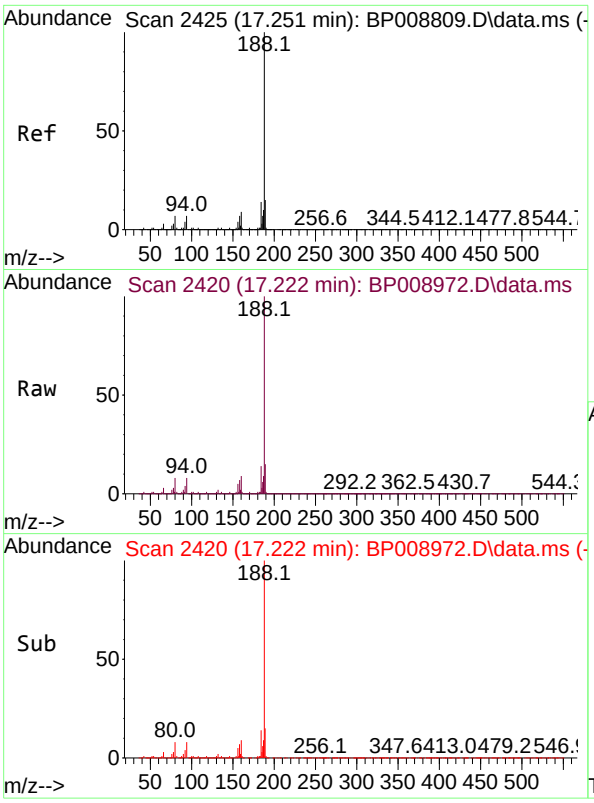


#58
Fluorene
Concen: 2.725 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:166 Resp: 92180

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.2	115.8
167	14.6	11.2	16.8



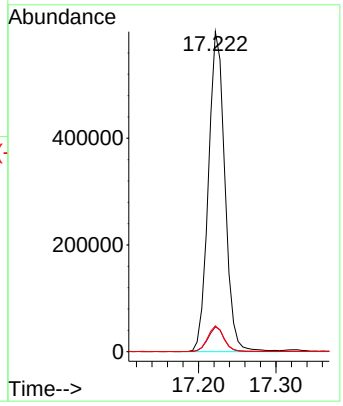


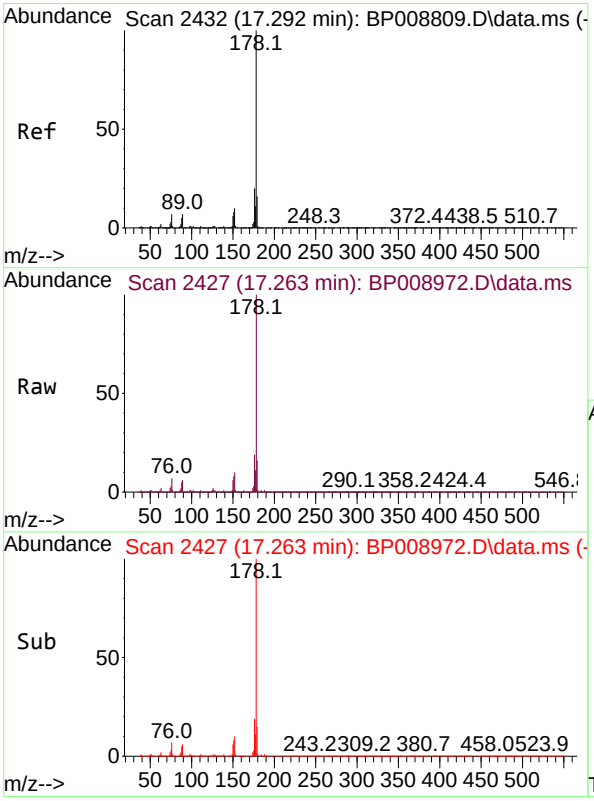
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:188 Resp: 886262

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.1	7.2	10.8

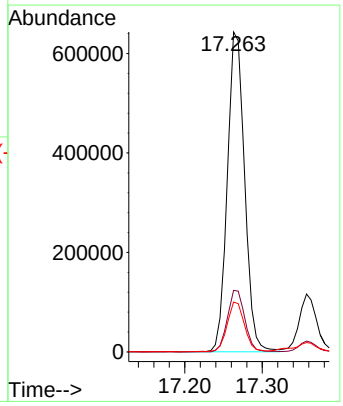


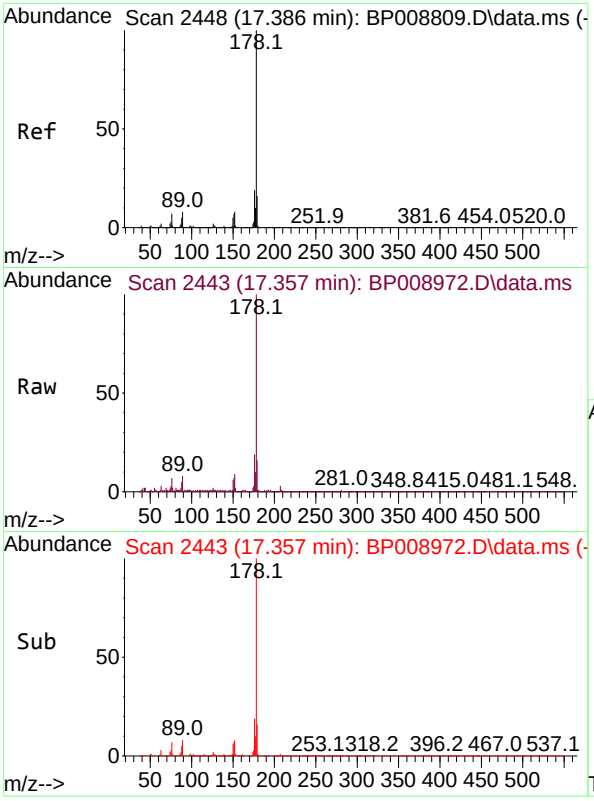


#71
Phenanthrene
Concen: 20.011 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:178 Resp: 998537

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.0	24.0
179	15.6	13.0	19.4



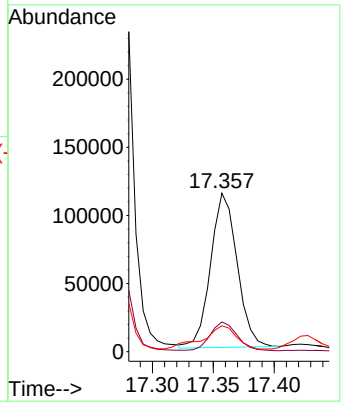


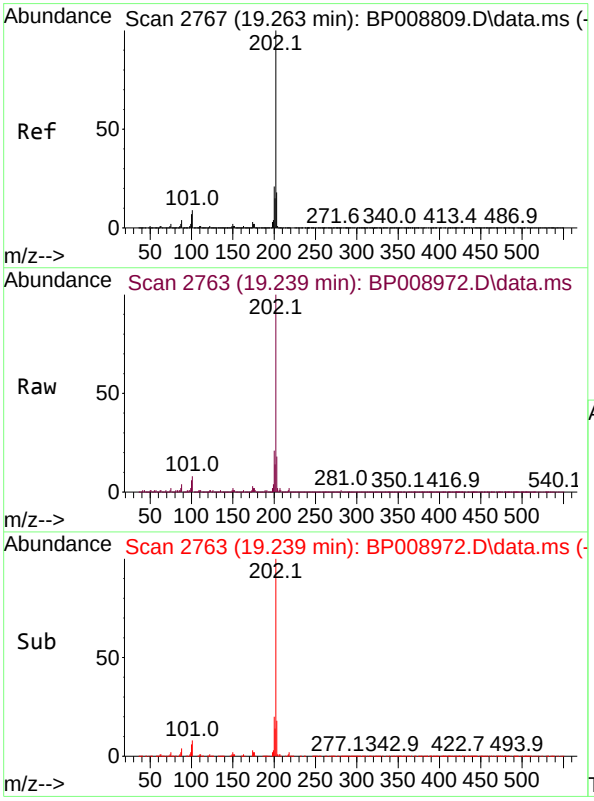
#72
Anthracene
Concen: 3.438 ng
RT: 17.357 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:178 Resp: 172096

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	16.4	12.8	19.2

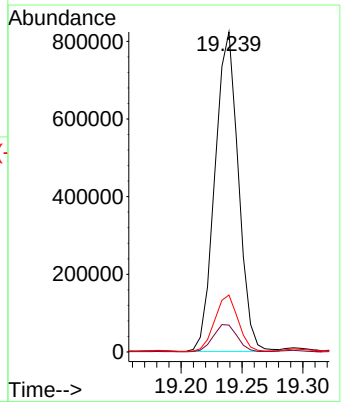


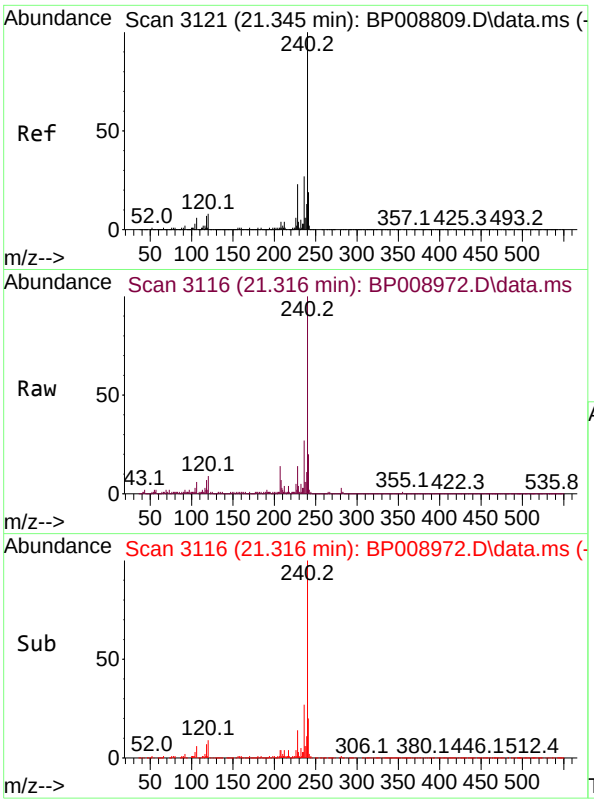


#75
Fluoranthene
Concen: 19.894 ng
RT: 19.239 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:202 Resp: 1103912

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.7
203	17.8	0.0	38.9



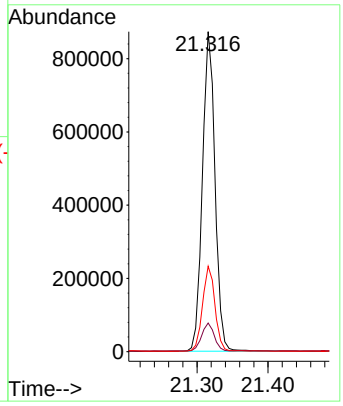


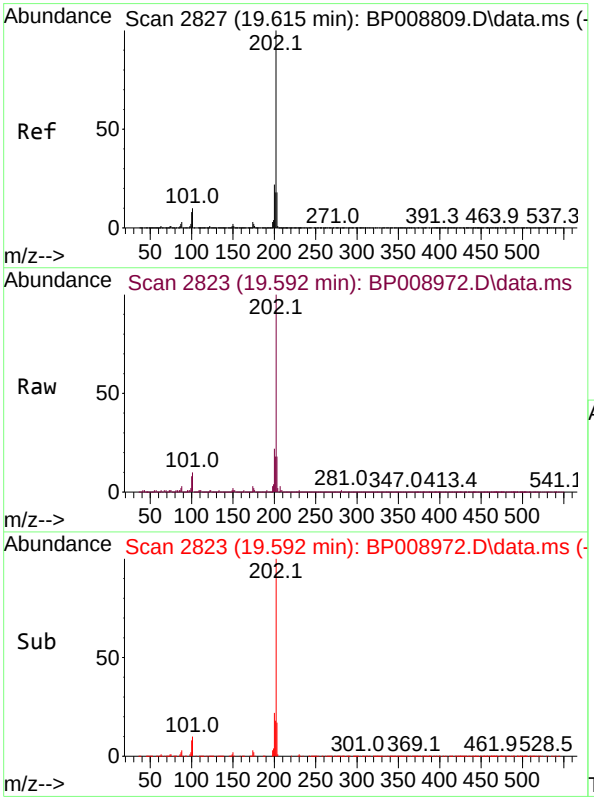
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:240 Resp: 1076099

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.7	11.5
236	26.7	21.2	31.8

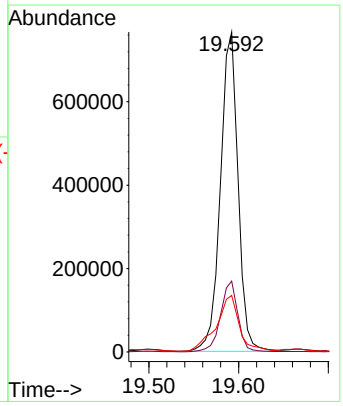


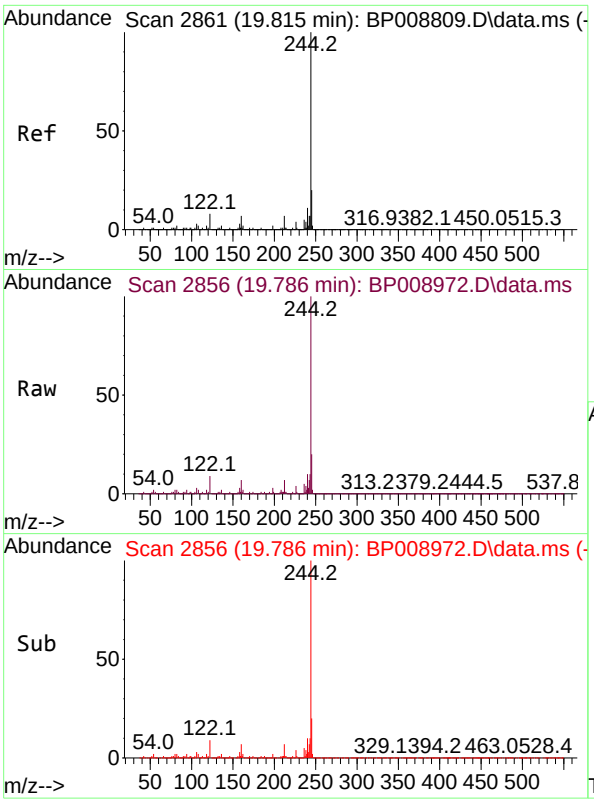


#78
Pyrene
Concen: 13.899 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:202 Resp: 1043574

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.0	27.0
203	17.6	15.0	22.6



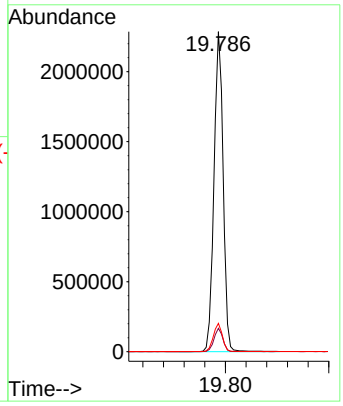


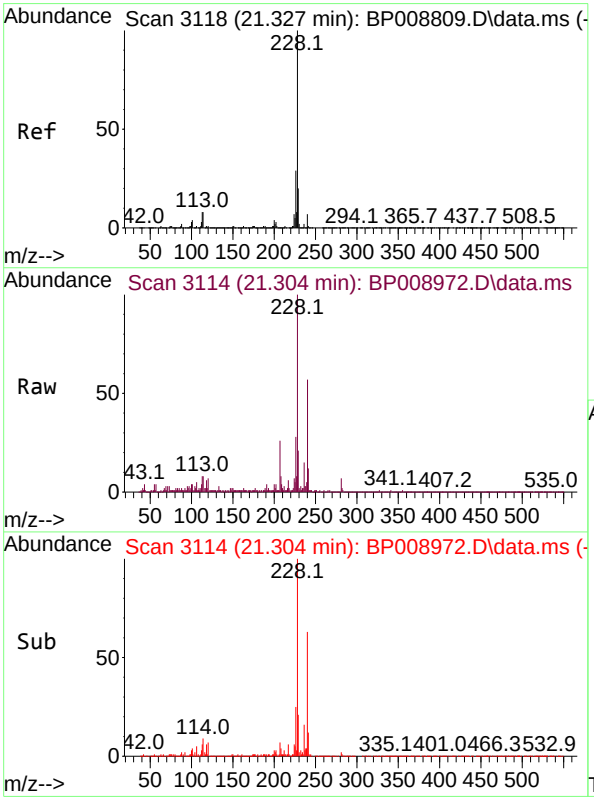
#79
Terphenyl-d14
Concen: 43.952 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:244 Resp: 2802063

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	8.8	9.2	13.8#

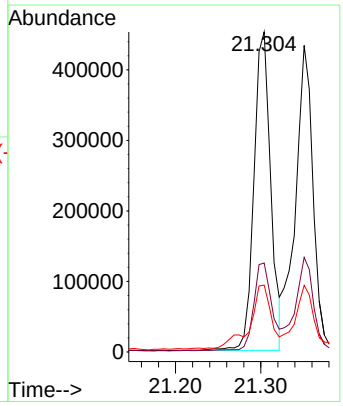


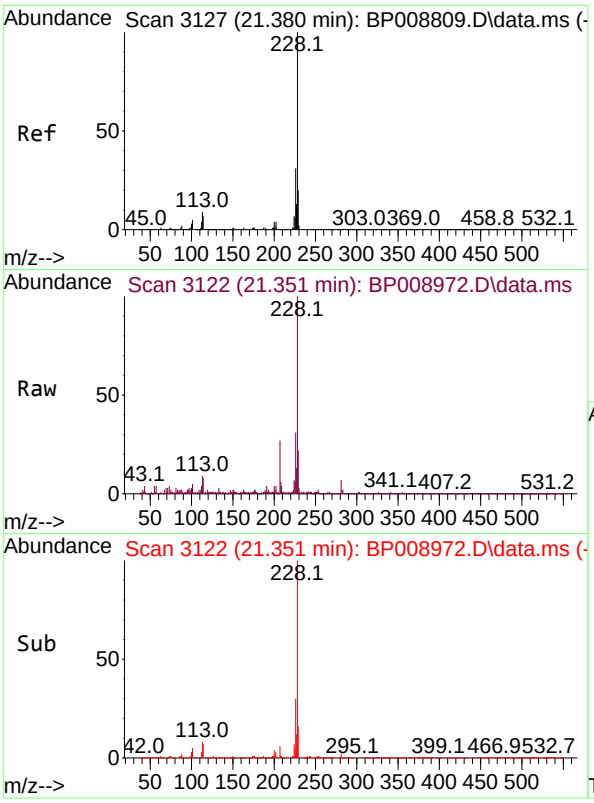


#81
Benzo(a)anthracene
Concen: 8.524 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:228 Resp: 617081

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.3	34.9
229	20.9	17.0	25.6



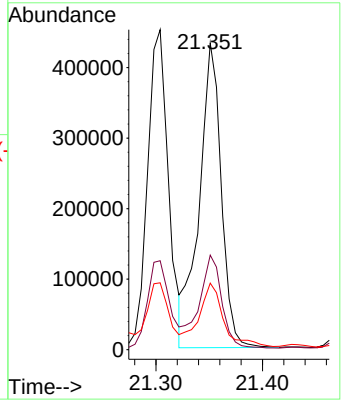


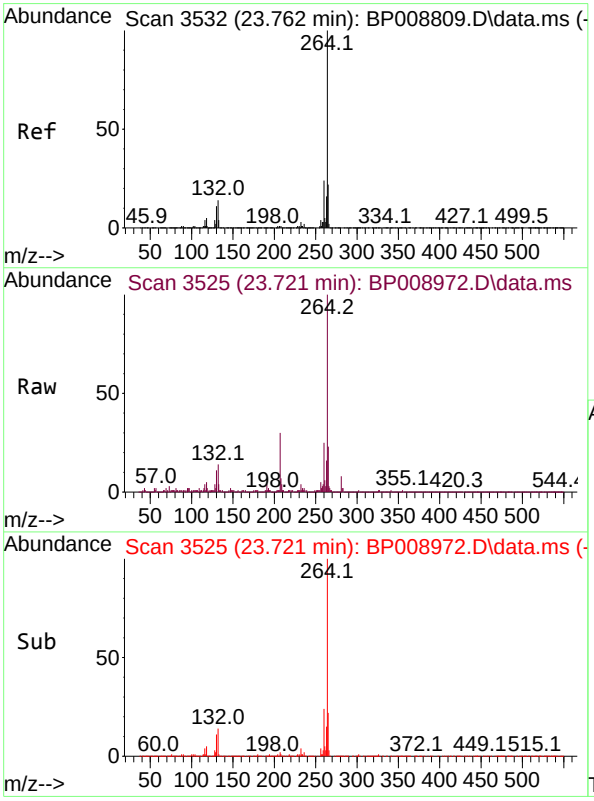
#83
Chrysene
Concen: 8.884 ng
RT: 21.351 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:228 Resp: 623454

Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.0	39.0
229	21.7	16.9	25.3

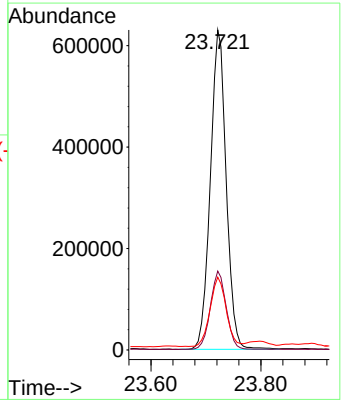


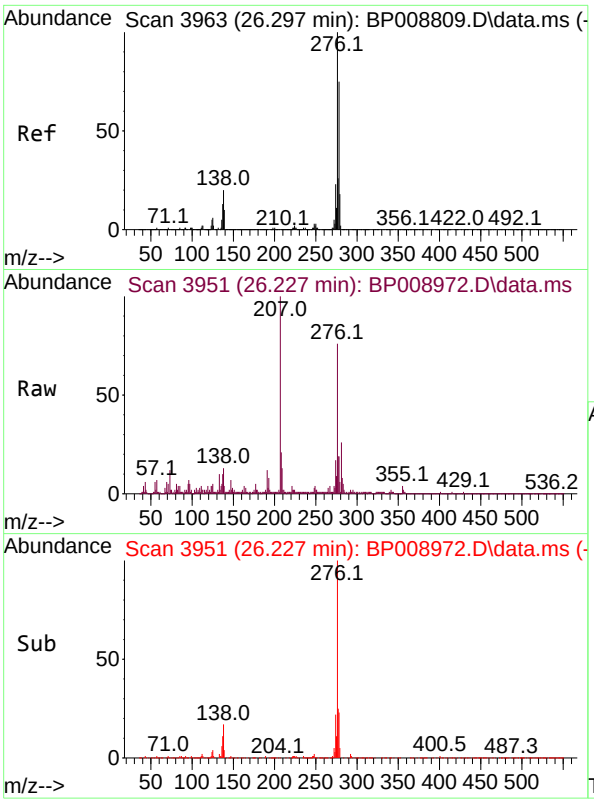


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3525
Delta R.T. -0.017 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:264 Resp: 1260629

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.1	28.7
265	22.8	17.1	25.7



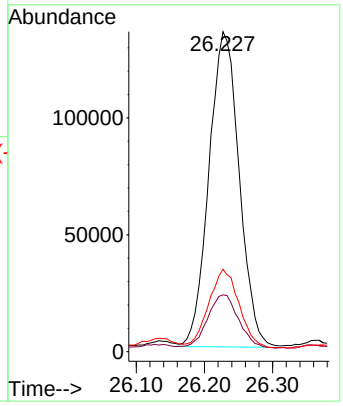


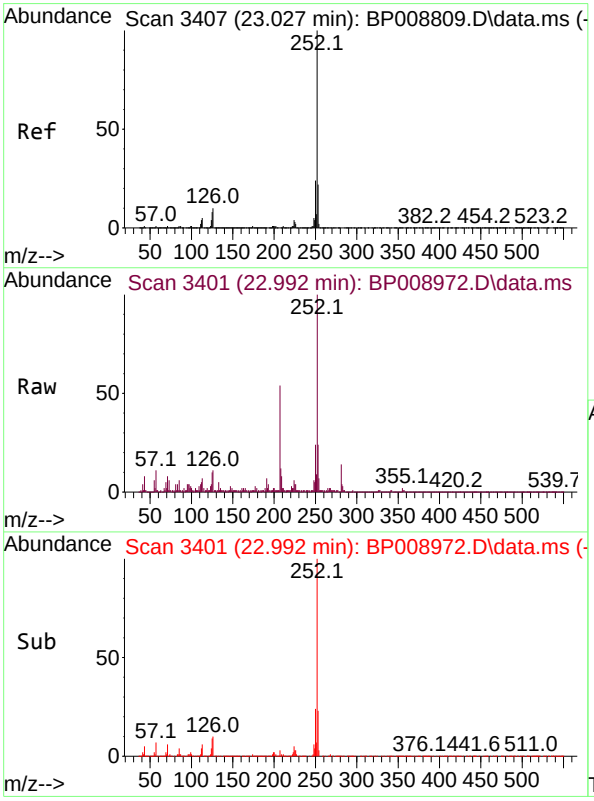
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.014 ng
RT: 26.227 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:276 Resp: 416976

Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.8	26.6#
277	25.3	20.4	30.6

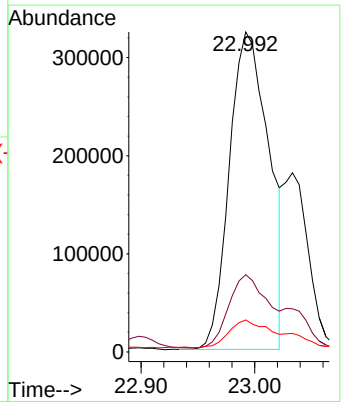


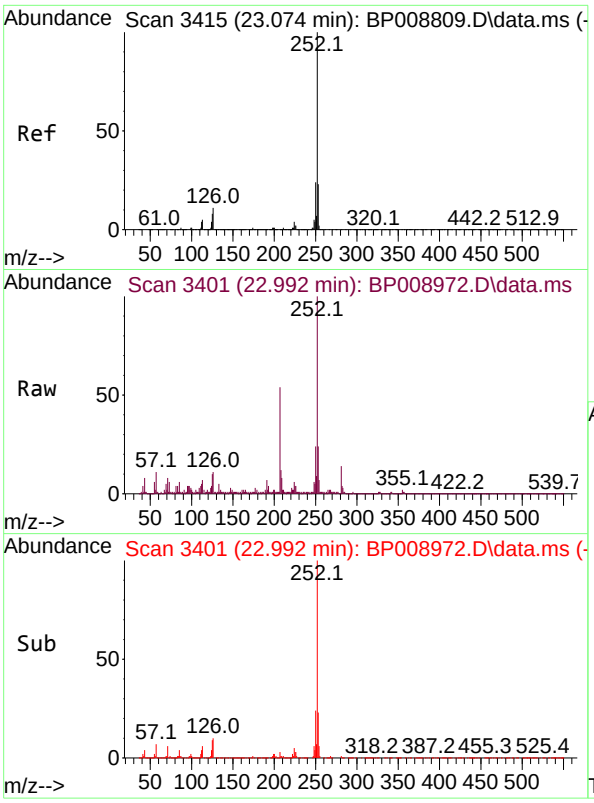


#88
Benzo(b)fluoranthene
Concen: 9.355 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:252 Resp: 787584

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	10.0	6.9	10.3



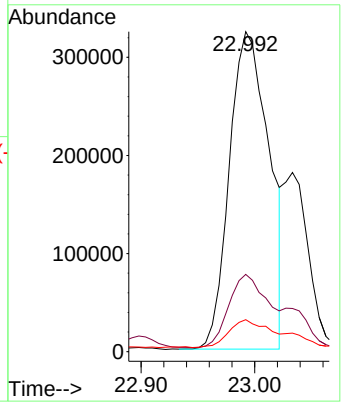


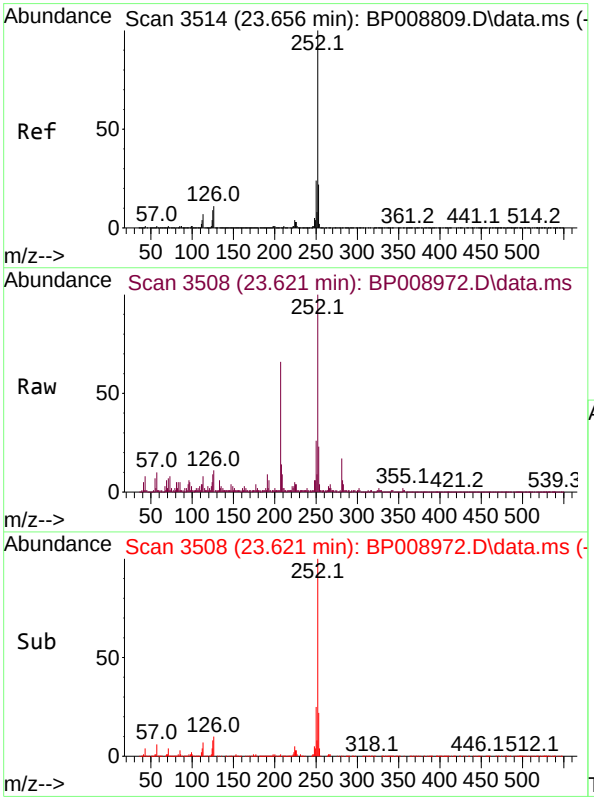
#89
Benzo(k)fluoranthene
Concen: 9.664 ng
RT: 22.992 min Scan# 34
Delta R.T. -0.059 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:252 Resp: 787584

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	10.0	7.3	10.9

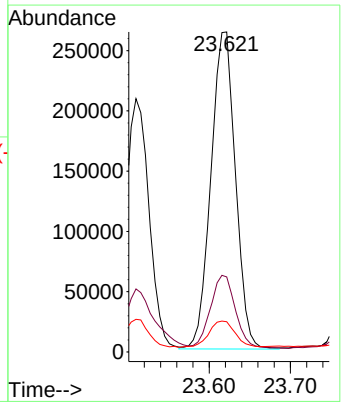


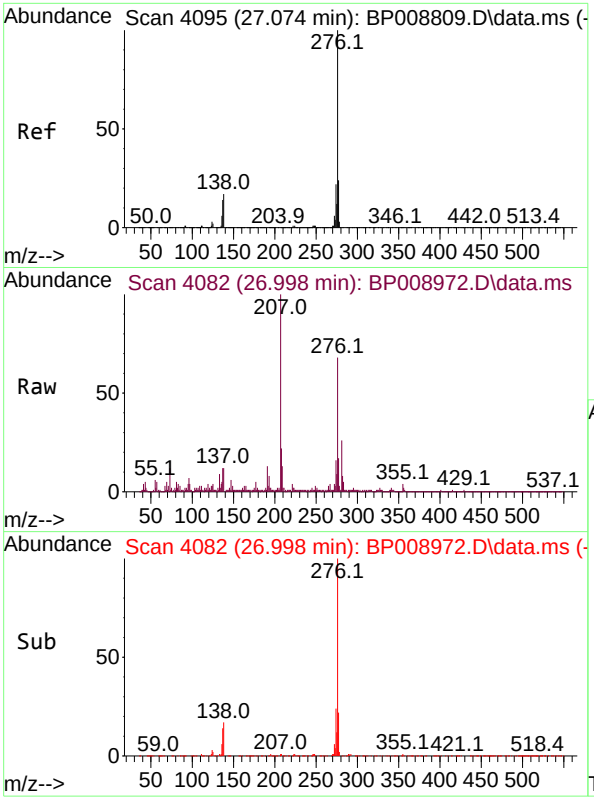


#90
Benzo(a)pyrene
Concen: 6.815 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Tgt Ion:252 Resp: 553798

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	9.4	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 4.867 ng
RT: 26.998 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP008972.D
Acq: 31 Jan 2022 19:10

Instrument :
BNA_P
ClientSampleId :
CC-5

Tgt Ion:276 Resp: 419740

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	18.2	15.0	22.4