Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
Data File : BP008974.D
Acq On : 31 Jan 2022 20:16
Operator : CG/JU
Sample : N1303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC-9

Quant Time: Feb 01 04:22:11 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	203801	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	735745	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	446526	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	938730	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1058810	20.000	ng	-0.01
86) Perylene-d12	23.727	264	1246639	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1149	0.087	ng	0.00
7) Phenol-d6	7.040	99	19838	1.243	ng	0.02
23) Nitrobenzene-d5	8.987	82	928729	71.665	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	223	0.034	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	2282496	67.410	ng	0.00
79) Terphenyl-d14	19.786	244	3645194	58.111	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.628	42	10742	2.049	ng	# 1
9) Benzaldehyde	6.975	77	141968	13.310	ng	# 1
18) Hexachloroethane	8.940	117	207470	36.083	ng	# 1
19) n-Nitroso-di-n-propyla...	8.599	70	42754	4.583	ng	# 52
22) Acetophenone	8.634	105	488232	26.050	ng	# 63
24) Nitrobenzene	9.028	77	31006	2.369	ng	# 35
25) Isophorone	9.557	82	318448	13.597	ng	# 69
31) Naphthalene	10.675	128	1922562	48.111	ng	99
33) 4-Chloroaniline	10.675	127	253715	15.580	ng	# 34
37) 2-Methylnaphthalene	12.287	142	248019	8.490	ng	98
38) 1-Methylnaphthalene	12.287	142	248019	9.250	ng	96
52) Acenaphthene	14.534	154	76535	3.049	ng	98
55) Dibenzofuran	14.869	168	96857	2.368	ng	97
58) Fluorene	15.522	166	121789	3.770	ng	97
71) Phenanthrene	17.269	178	1369756	25.916	ng	98
72) Anthracene	17.357	178	246371	4.647	ng	99
73) Carbazole	17.639	167	95103	2.086	ng	96
75) Fluoranthene	19.239	202	1514148	25.761	ng	96
78) Pyrene	19.592	202	1464112	19.818	ng	98
81) Benzo(a)anthracene	21.304	228	776812	10.905	ng	99
83) Chrysene	21.357	228	774418	11.215	ng	98
84) Bis(2-ethylhexyl)phtha...	21.227	149	115312	2.506	ng	98
87) Indeno(1,2,3-cd)pyrene	26.239	276	537915	5.236	ng	96
88) Benzo(b)fluoranthene	22.998	252	1350444	16.221	ng	98
89) Benzo(k)fluoranthene	22.998	252	1351528	16.771	ng	99
90) Benzo(a)pyrene	23.621	252	723971	9.009	ng	100
92) Benzo(g,h,i)perylene	27.004	276	545750	6.399	ng	99

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

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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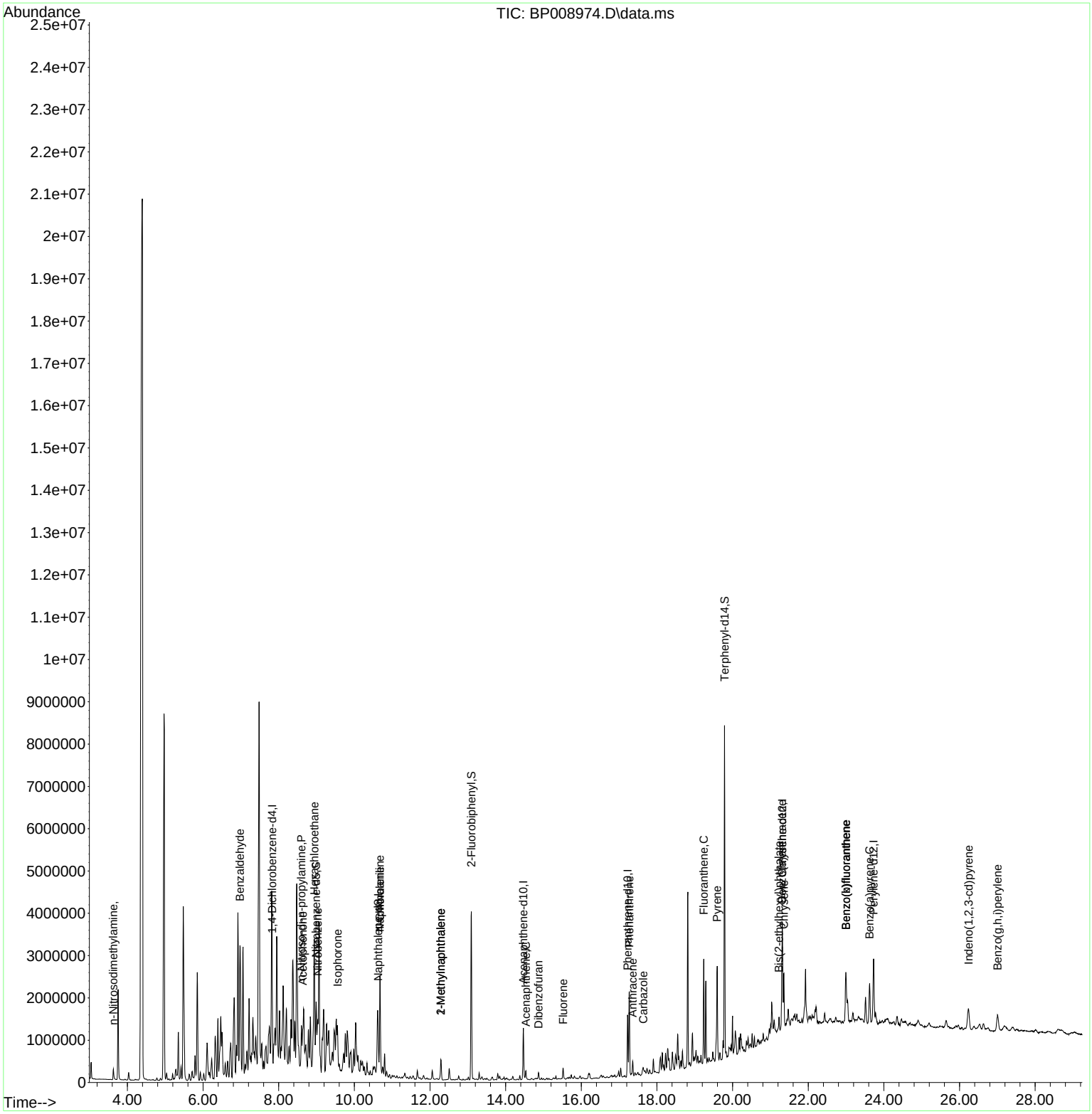
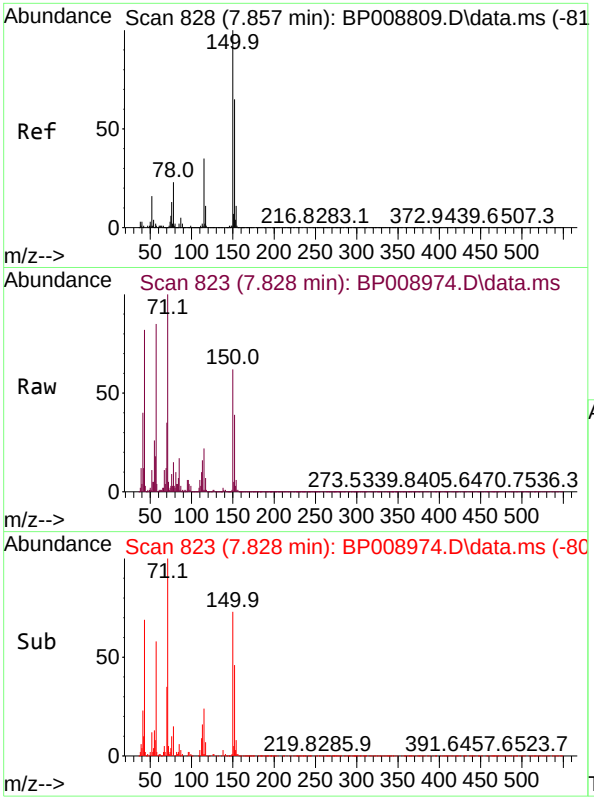
ClientSampleId :
CC-9

Quant Time: Feb 01 04:22:11 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



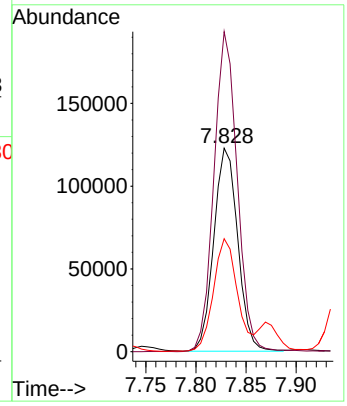


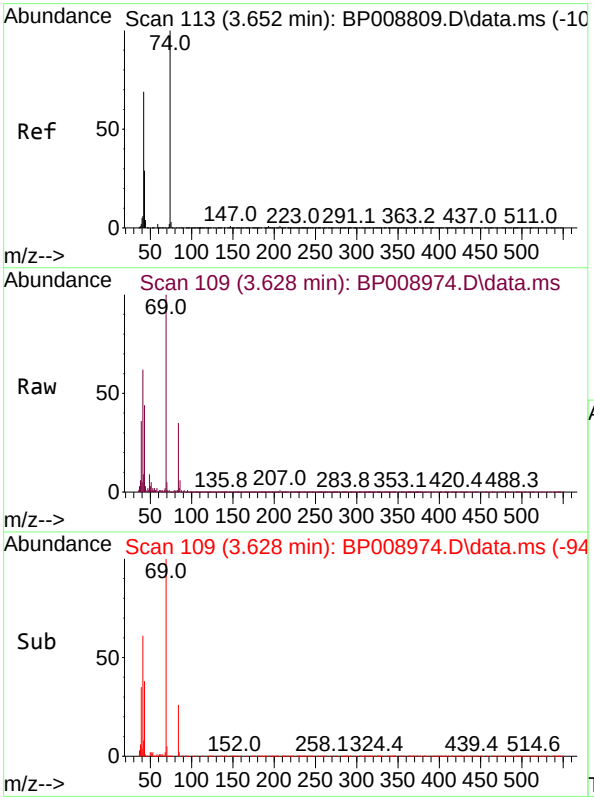
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:152 Resp: 203801

Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.0	190.6
115	55.5	43.7	65.5

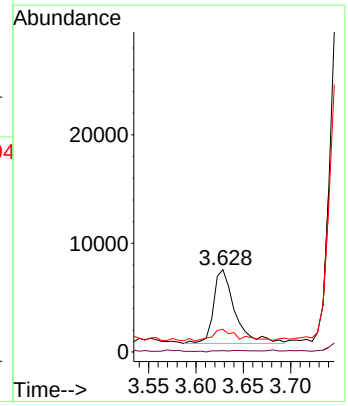


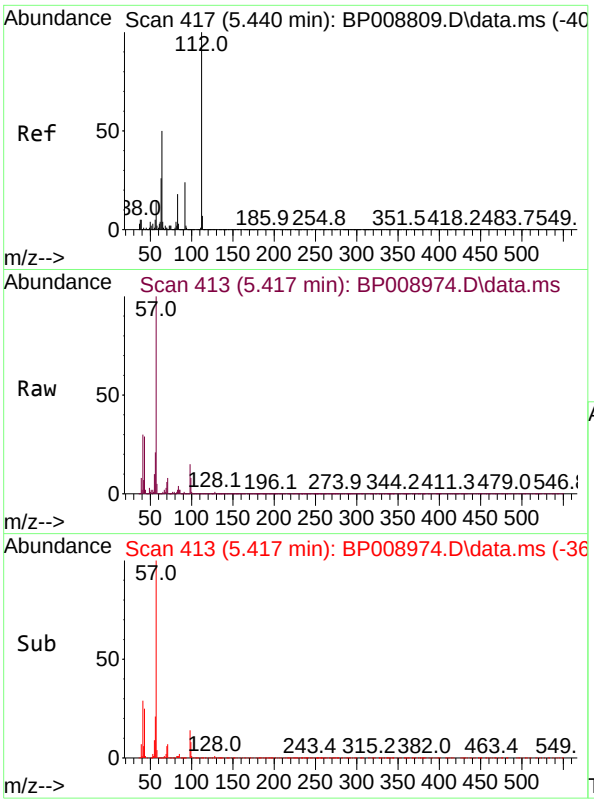


#4
n-Nitrosodimethylamine
Concen: 2.049 ng
RT: 3.628 min Scan# 109
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion: 42 Resp: 10742

Ion	Ratio	Lower	Upper
42	100		
74	1.6	131.1	196.7#
44	27.5	6.2	9.2#



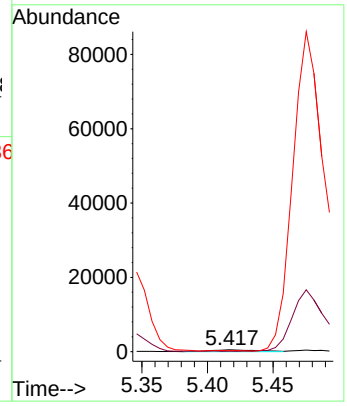


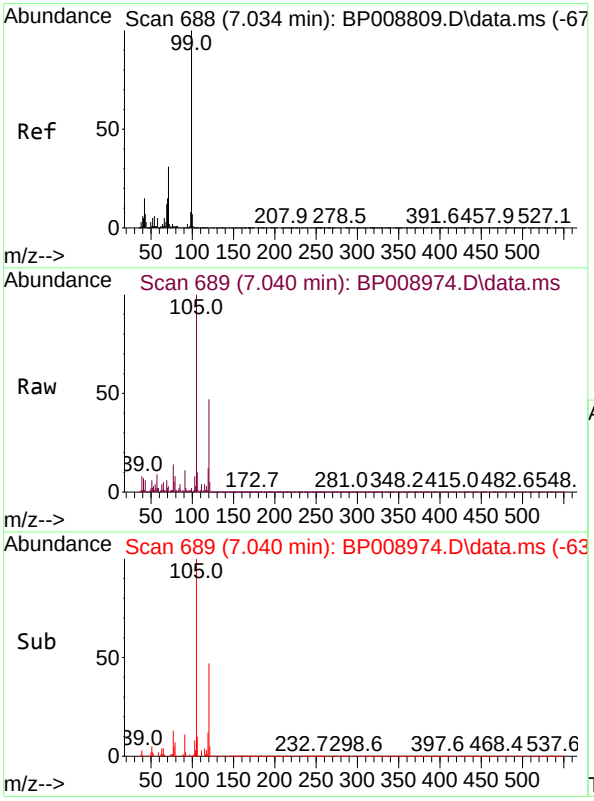
#5
2-Fluorophenol
Concen: 0.087 ng
RT: 5.417 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:112 Resp: 1149

Ion	Ratio	Lower	Upper
112	100		
64	21.9	39.7	59.5#
63	53.9	20.0	30.0#

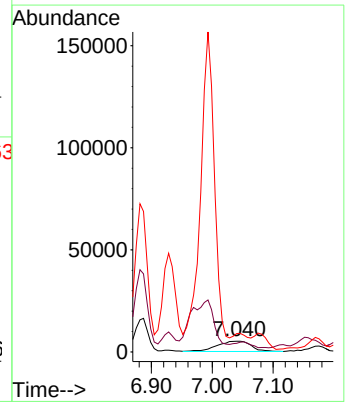


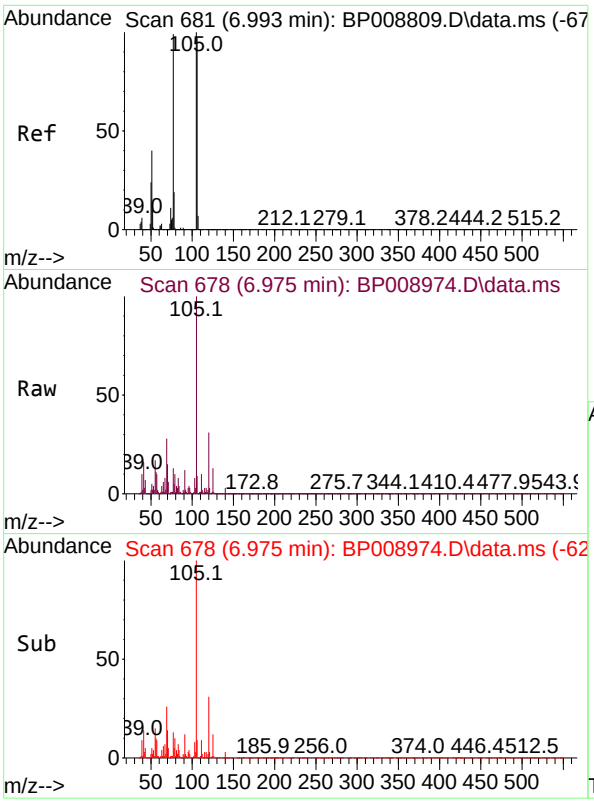


#7
Phenol-d6
Concen: 1.243 ng
RT: 7.040 min Scan# 689
Delta R.T. 0.024 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion: 99 Resp: 19838

Ion	Ratio	Lower	Upper
99	100		
42	79.9	10.8	16.2#
71	171.0	23.8	35.6#



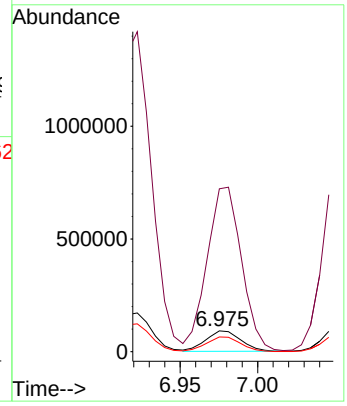


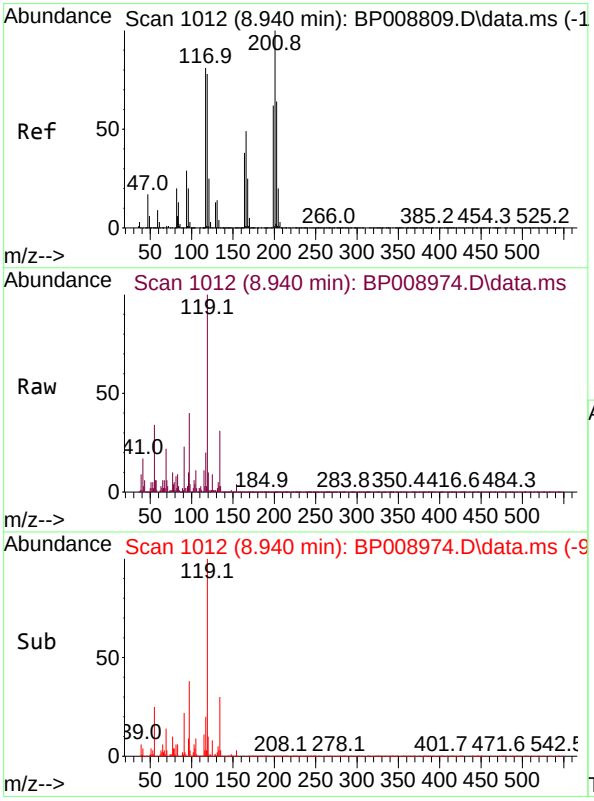
#9
Benzaldehyde
Concen: 13.310 ng
RT: 6.975 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion: 77 Resp: 141968

Ion	Ratio	Lower	Upper
77	100		
105	784.0	84.2	124.2#
106	70.6	80.6	120.6#

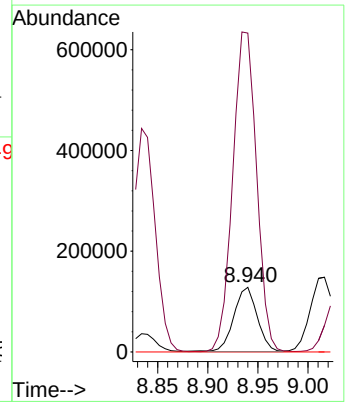


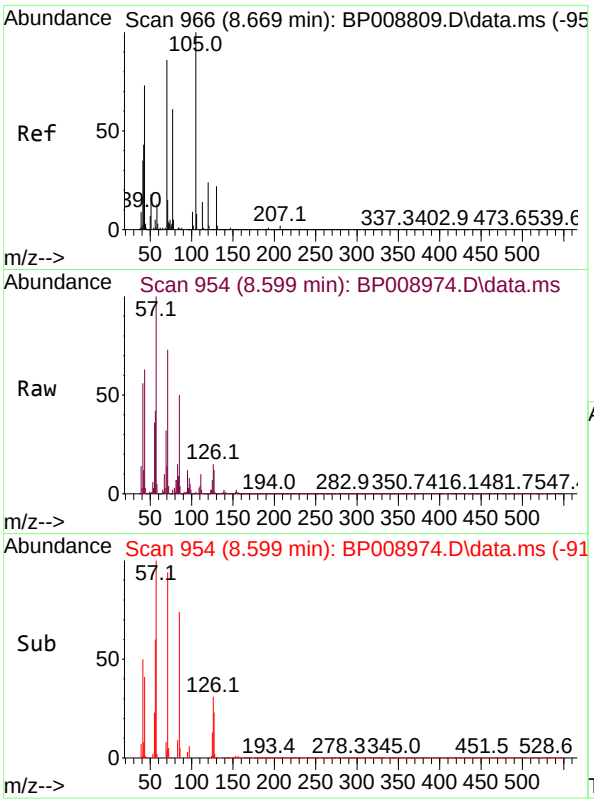


#18
Hexachloroethane
Concen: 36.083 ng
RT: 8.940 min Scan# 1012
Delta R.T. 0.030 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:117 Resp: 207470

Ion	Ratio	Lower	Upper
117	100		
119	492.9	76.9	115.3#
201	0.0	93.7	140.5#



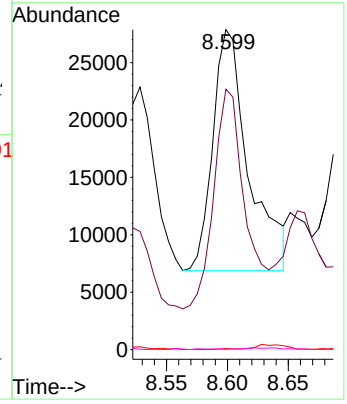


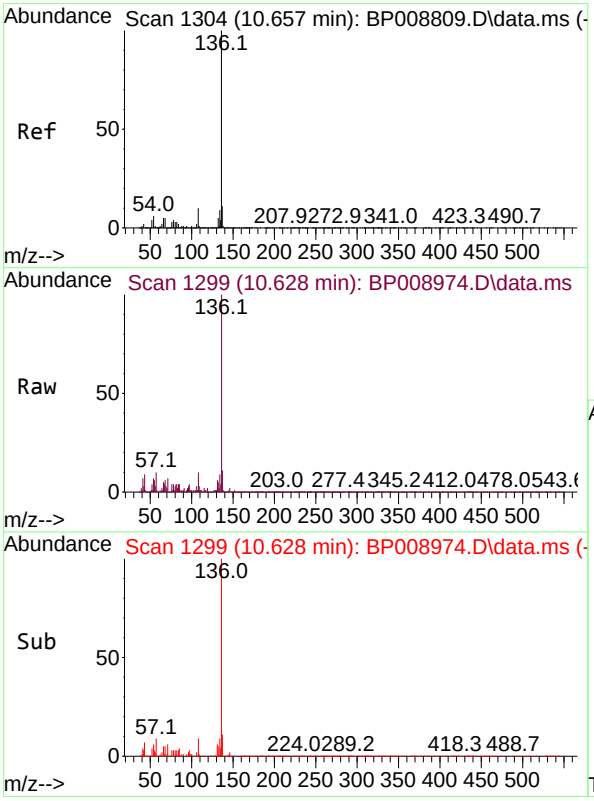
#19
n-Nitroso-di-n-propylamine
Concen: 4.583 ng
RT: 8.599 min Scan# 9
Delta R.T. -0.047 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion: 70 Resp: 42754

Ion	Ratio	Lower	Upper
70	100		
42	81.4	38.2	57.2#
101	0.3	8.7	13.1#
130	0.2	21.0	31.6#

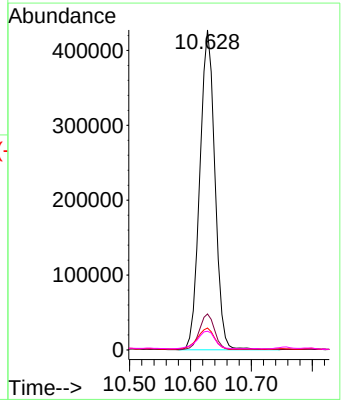


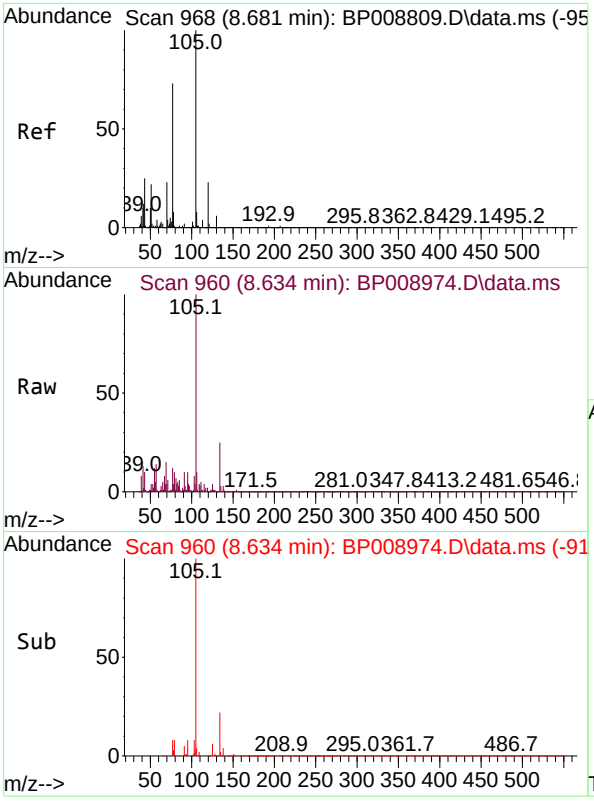


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:136 Resp: 735745

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.9	4.9	7.3
68	5.9	4.3	6.5



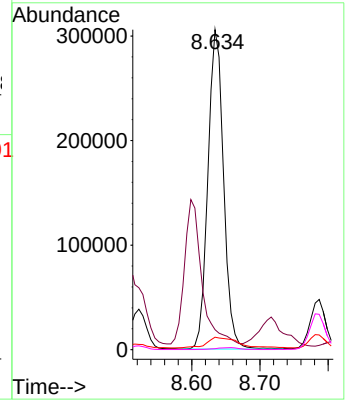


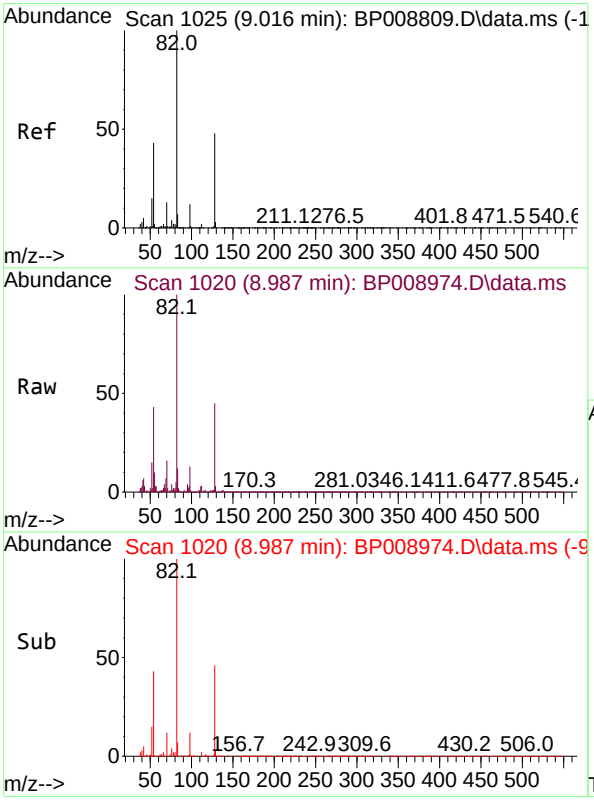
#22
Acetophenone
Concen: 26.050 ng
RT: 8.634 min Scan# 9
Delta R.T. -0.029 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:105 Resp: 488232

Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.3	7.9
51	3.9	16.3	24.5#
120	0.3	19.2	28.8#

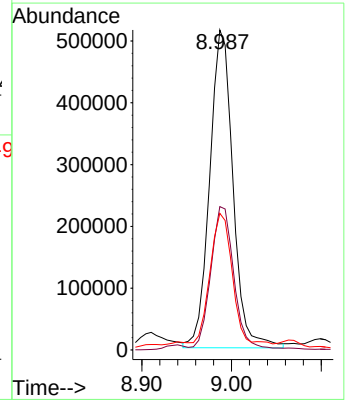


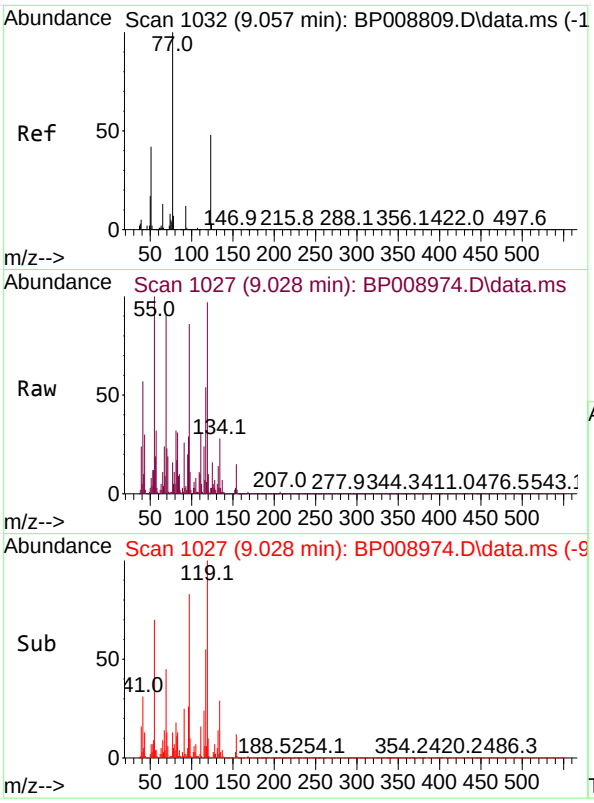


#23
Nitrobenzene-d5
Concen: 71.665 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion: 82 Resp: 928729

Ion	Ratio	Lower	Upper
82	100		
128	44.8	39.4	59.2
54	42.7	32.6	48.8



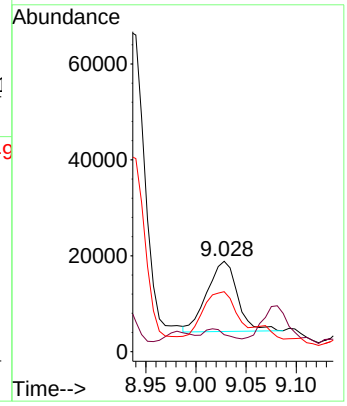


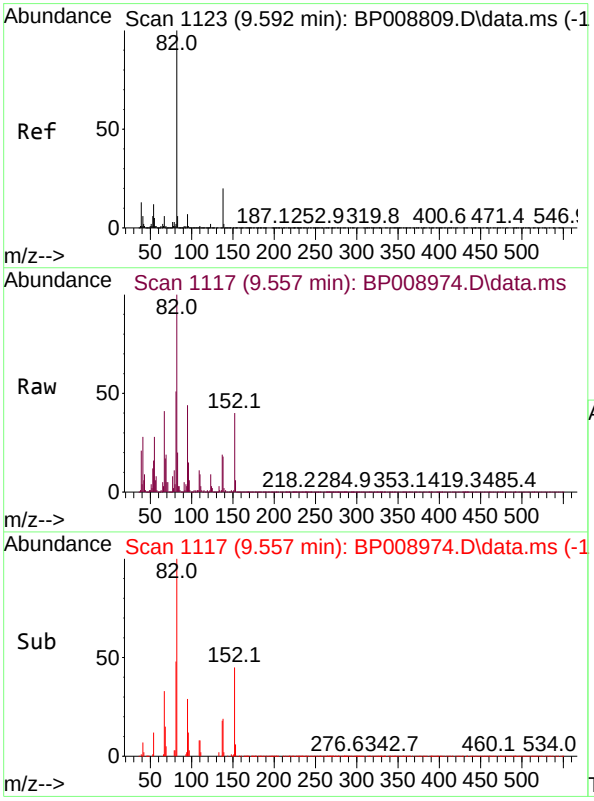
#24
Nitrobenzene
Concen: 2.369 ng
RT: 9.028 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion: 77 Resp: 31006

Ion	Ratio	Lower	Upper
77	100		
123	18.7	41.4	62.2#
65	66.4	9.8	14.8#

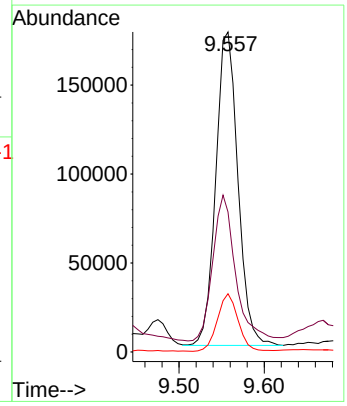


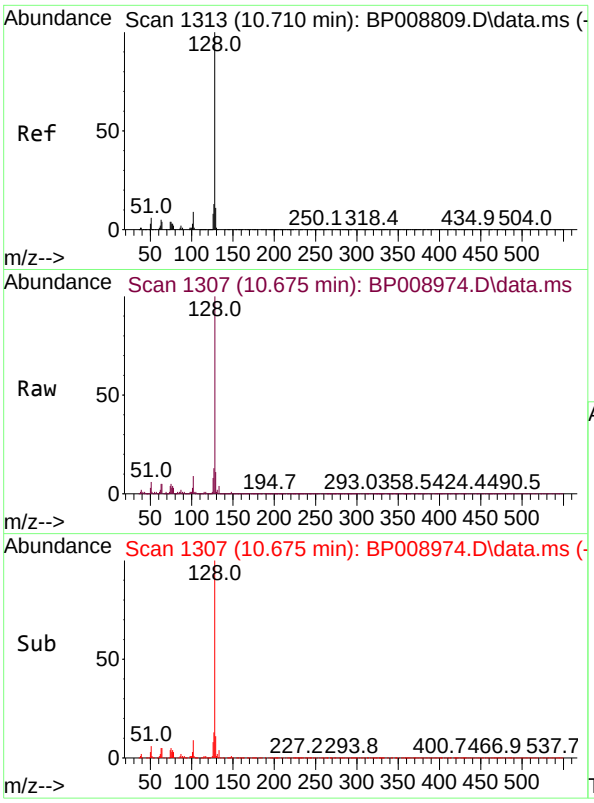


#25
Isophorone
Concen: 13.597 ng
RT: 9.557 min Scan# 1117
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion: 82 Resp: 318448

Ion	Ratio	Lower	Upper
82	100		
95	43.8	5.4	8.2#
138	18.2	16.6	24.8



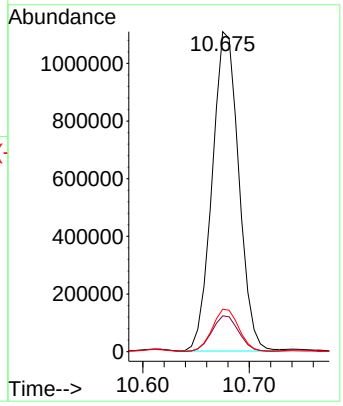


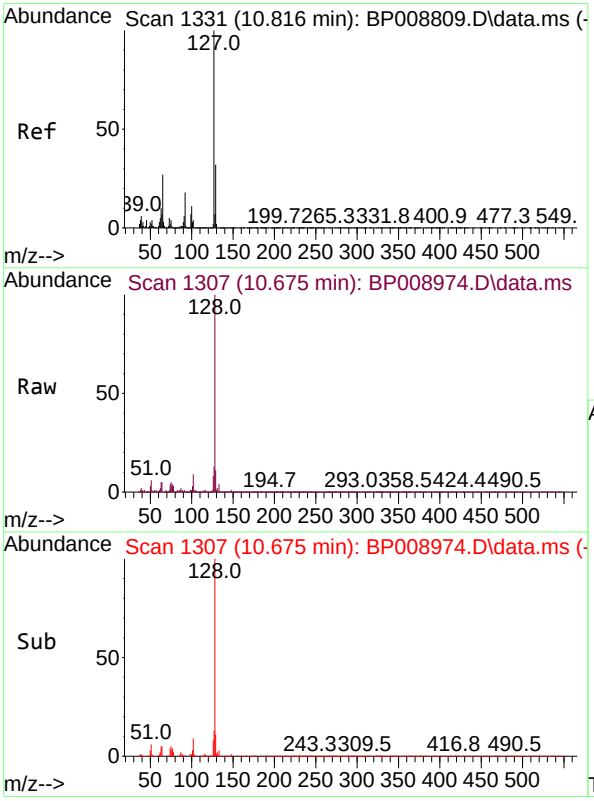
#31
Naphthalene
Concen: 48.111 ng
RT: 10.675 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:128 Resp: 1922562

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.4	15.6

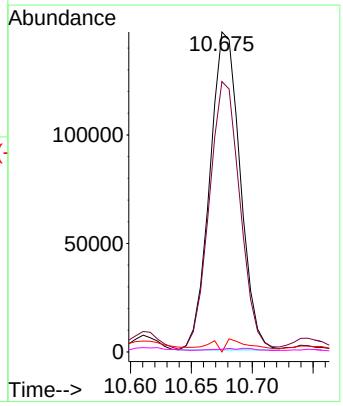


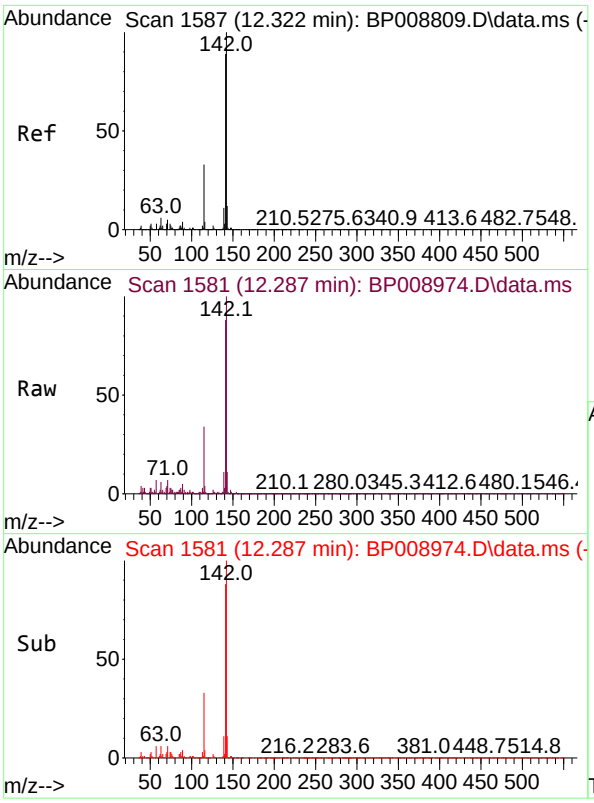


#33
4-Chloroaniline
Concen: 15.580 ng
RT: 10.675 min Scan# 1307
Delta R.T. -0.123 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:127 Resp: 253715

Ion	Ratio	Lower	Upper
127	100		
129	84.5	26.0	39.0#
65	0.0	20.5	30.7#
92	0.9	14.1	21.1#



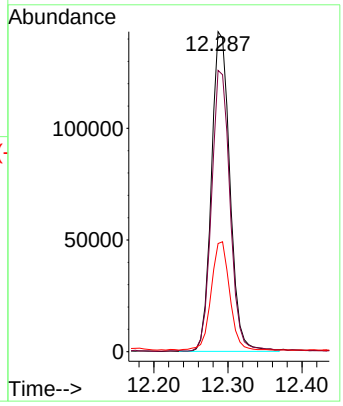


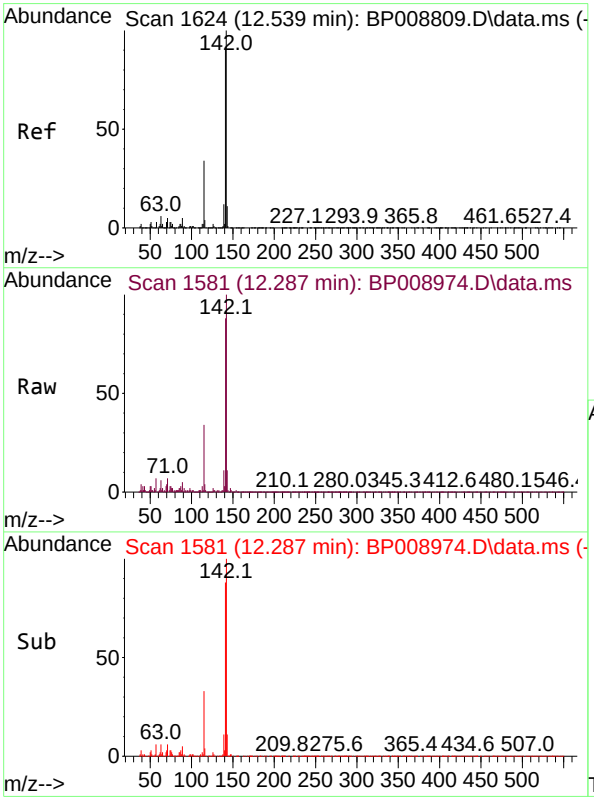
#37
2-Methylnaphthalene
Concen: 8.490 ng
RT: 12.287 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:142 Resp: 248019

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.5	105.7
115	33.8	24.6	36.8

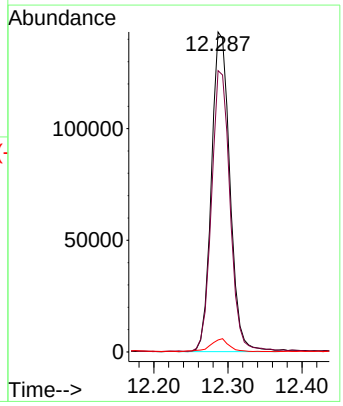


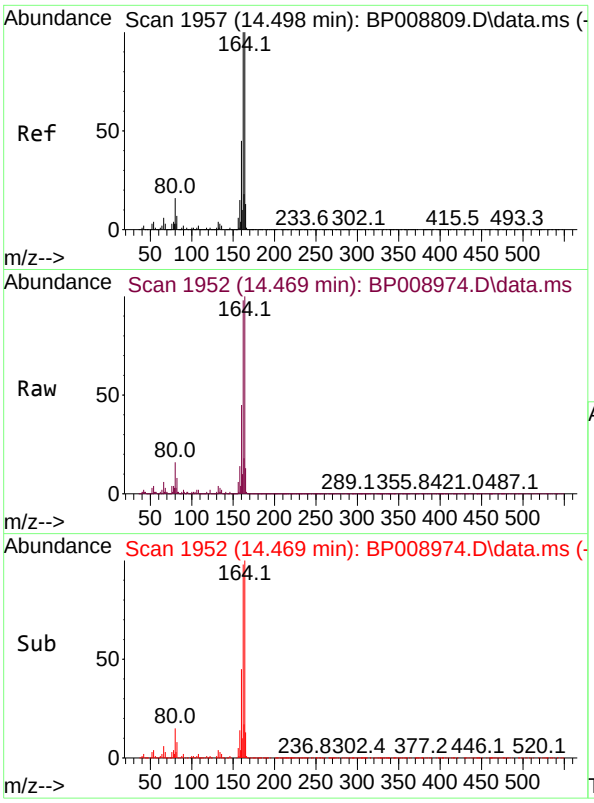


#38
1-Methylnaphthalene
Concen: 9.250 ng
RT: 12.287 min Scan# 1581
Delta R.T. -0.229 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:142 Resp: 248019

Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.2	109.8
116	3.8	2.7	4.1



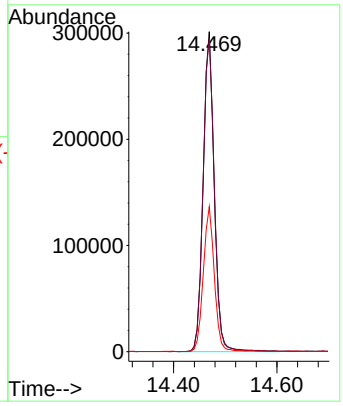


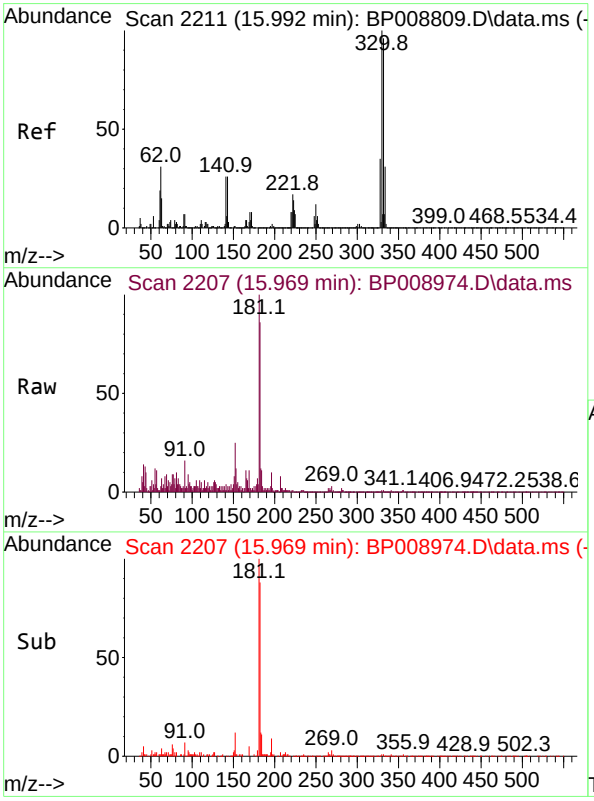
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:164 Resp: 446526

Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.9	119.9
160	45.3	35.5	53.3

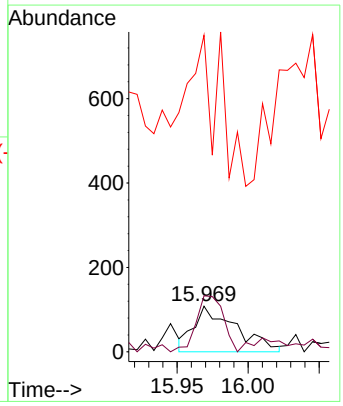


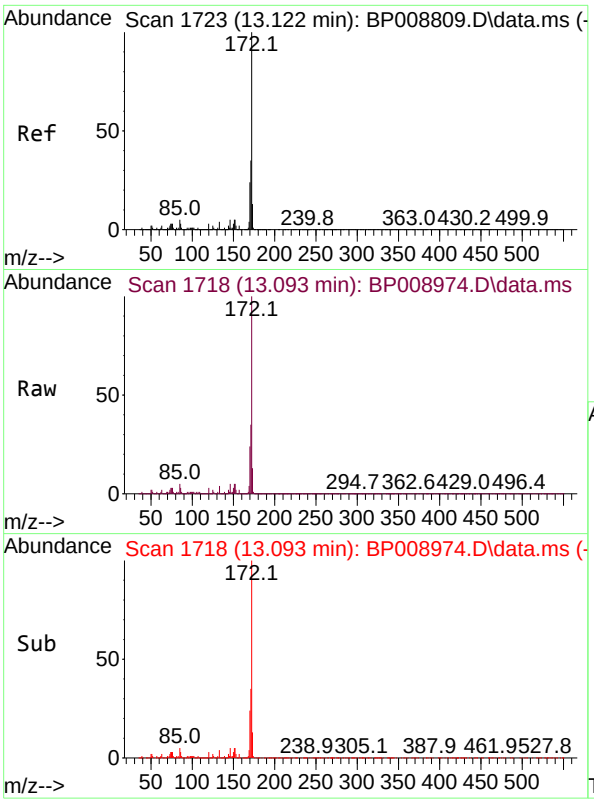


#42
2,4,6-Tribromophenol
Concen: 0.034 ng
RT: 15.969 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:330 Resp: 223

Ion	Ratio	Lower	Upper
330	100		
332	79.4	77.0	115.4
141	258.7	21.3	31.9#



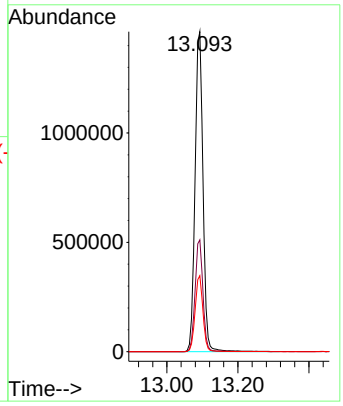


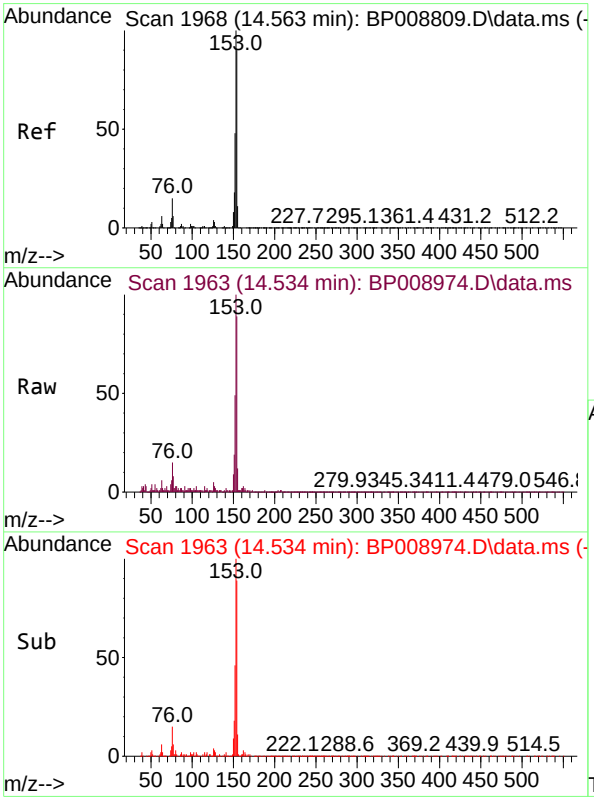
#45
2-Fluorobiphenyl
Concen: 67.410 ng
RT: 13.093 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:172 Resp: 2282496

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.3	43.9
170	23.7	19.5	29.3

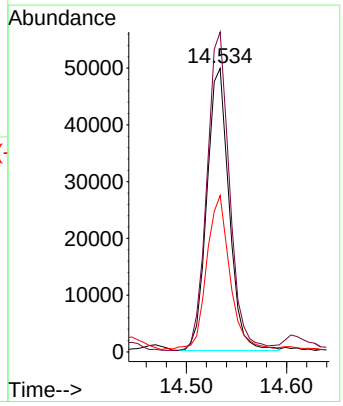


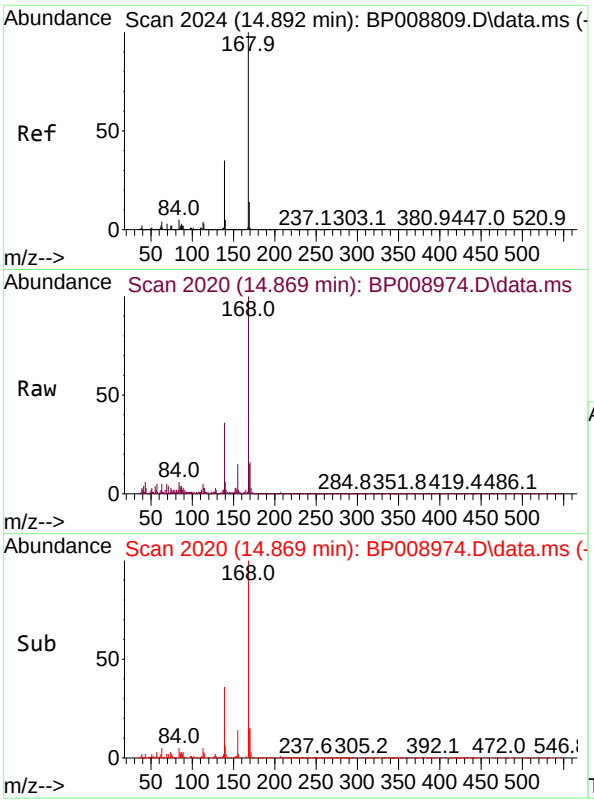


#52
Acenaphthene
Concen: 3.049 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:154 Resp: 76535

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.4	134.2
152	55.2	42.6	63.8



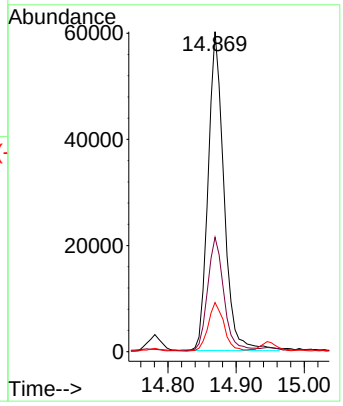


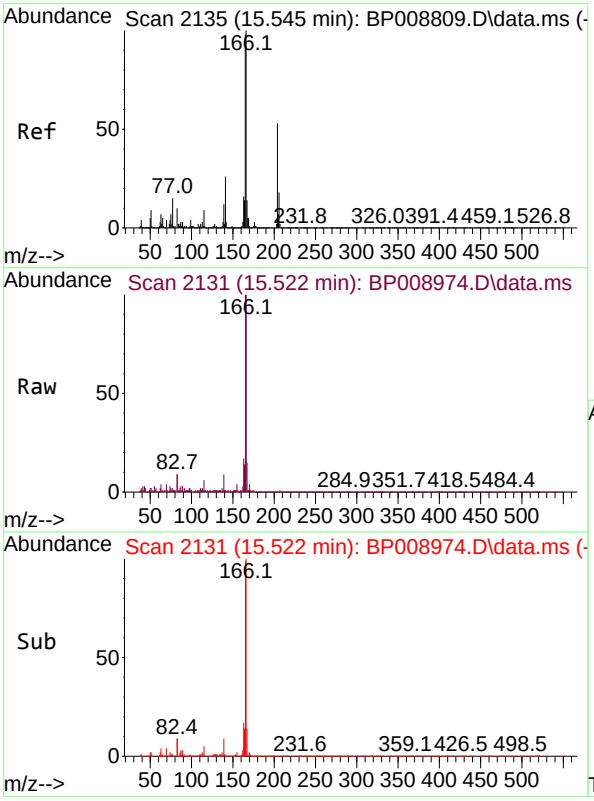
#55
Dibenzofuran
Concen: 2.368 ng
RT: 14.869 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:168 Resp: 96857

Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.4	41.0
169	15.3	10.9	16.3

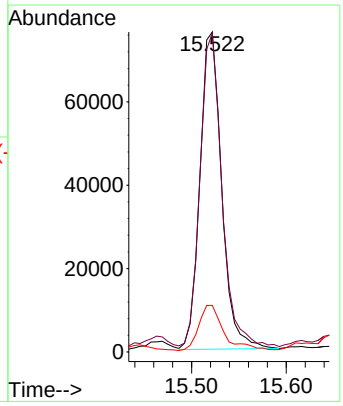


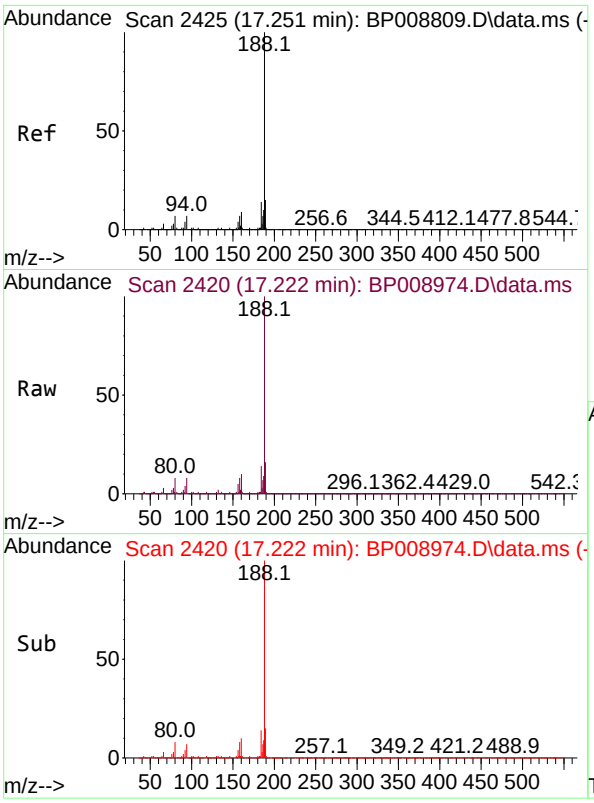


#58
Fluorene
Concen: 3.770 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:166 Resp: 121789

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



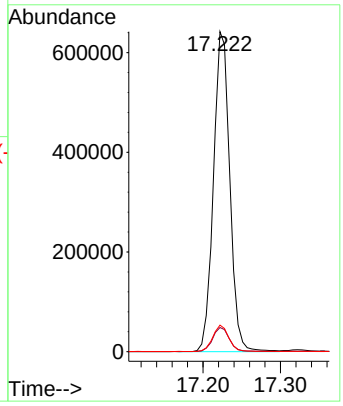


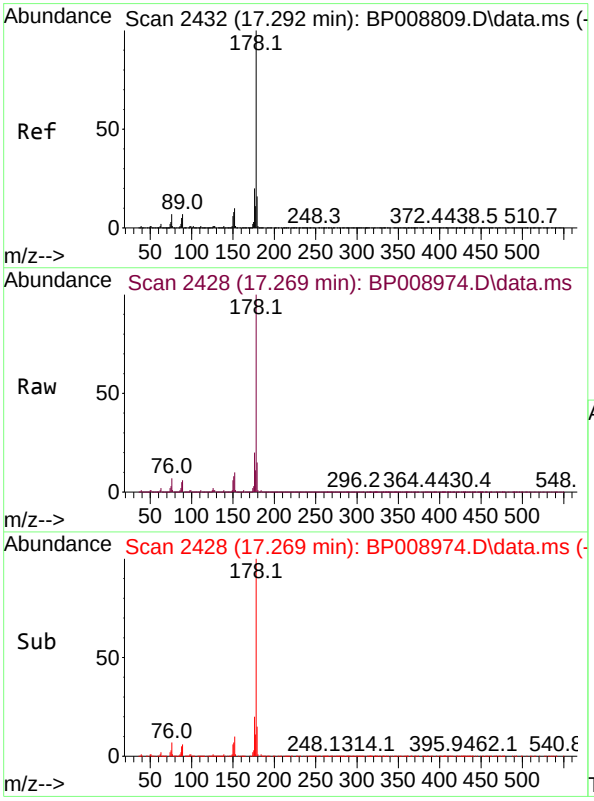
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:188 Resp: 938730

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.8	10.2
80	8.3	7.2	10.8

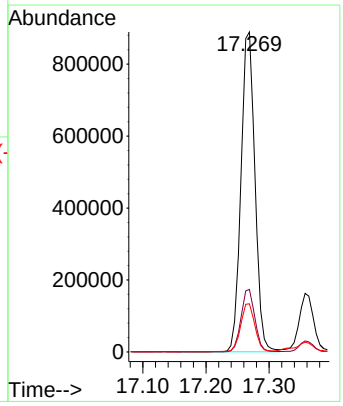


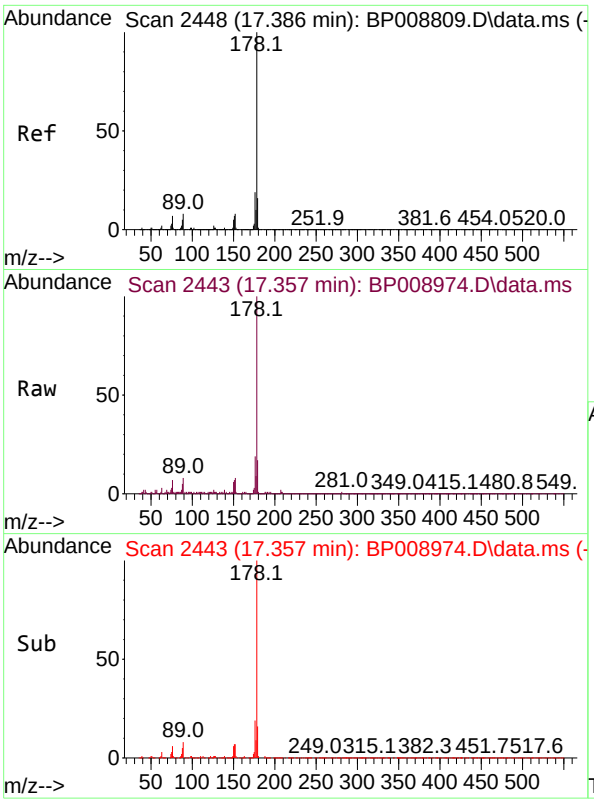


#71
Phenanthrene
Concen: 25.916 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:178 Resp: 1369756

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.0	13.0	19.4



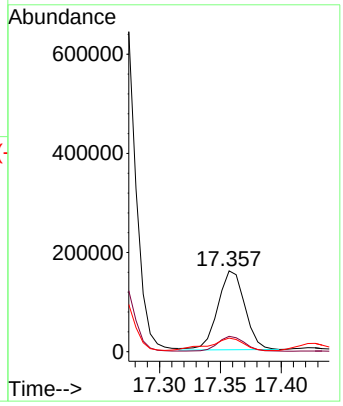


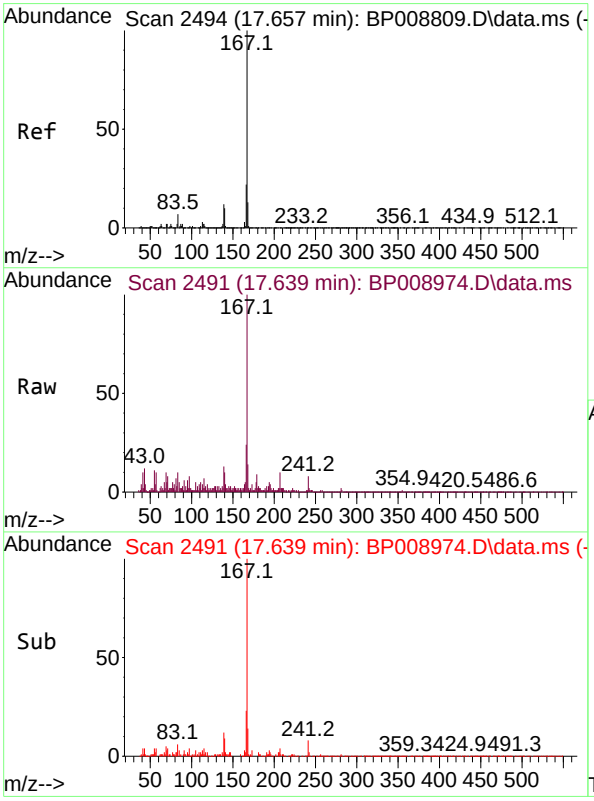
#72
Anthracene
Concen: 4.647 ng
RT: 17.357 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:178 Resp: 246371

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.8	12.8	19.2

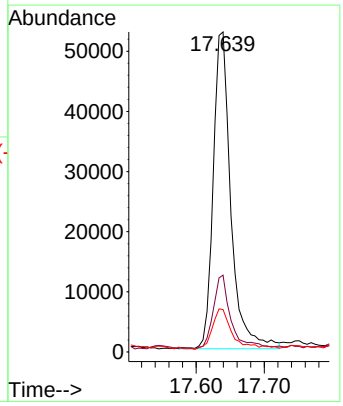


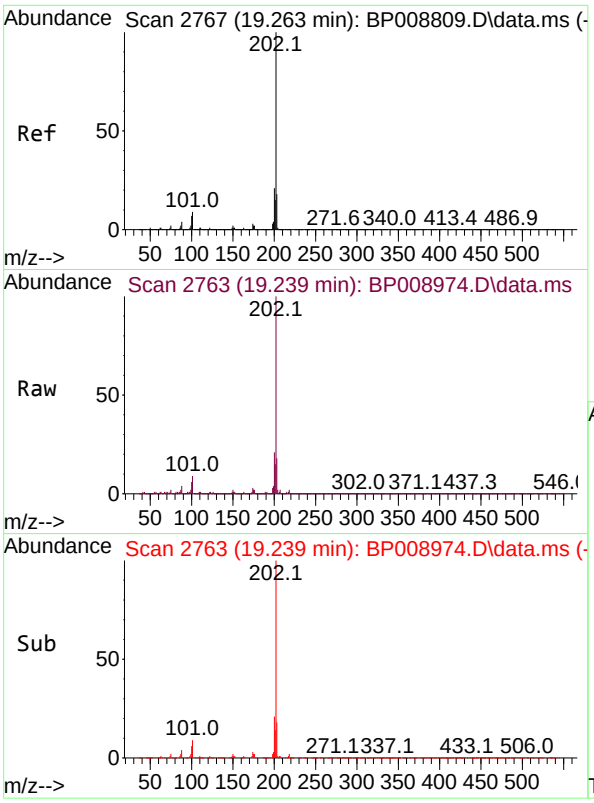


#73
Carbazole
Concen: 2.086 ng
RT: 17.639 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:167 Resp: 95103

Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.7	26.5
139	13.2	9.8	14.6



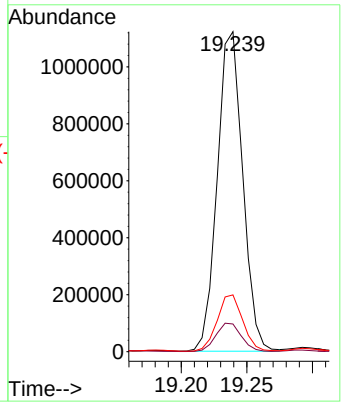


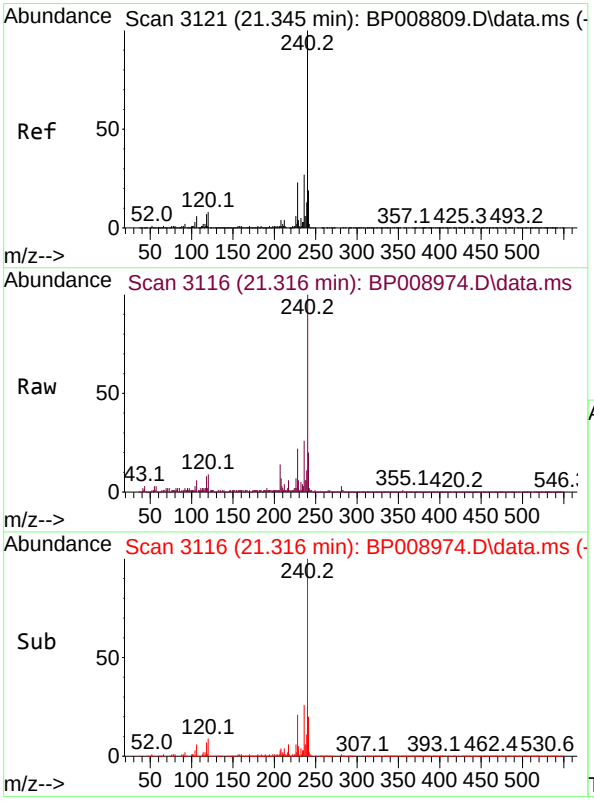
#75
Fluoranthene
Concen: 25.761 ng
RT: 19.239 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:202 Resp: 1514148

Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.7
203	17.8	0.0	38.9

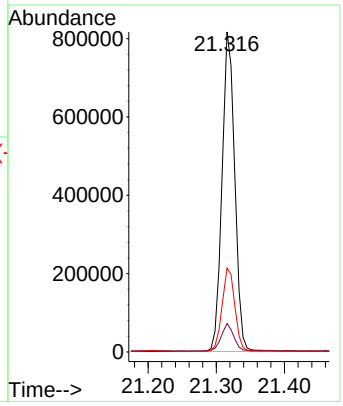


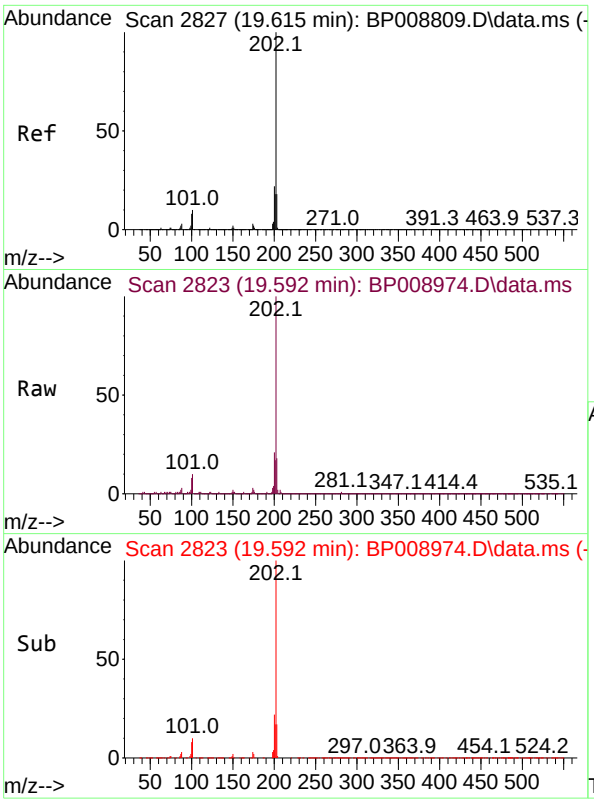


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:240 Resp: 1058810

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.7	11.5
236	26.2	21.2	31.8



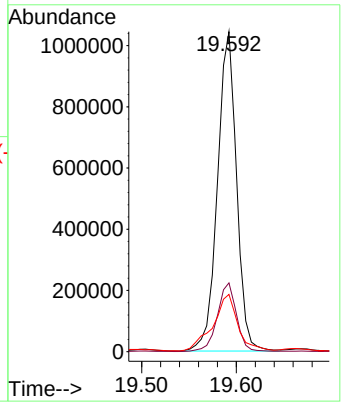


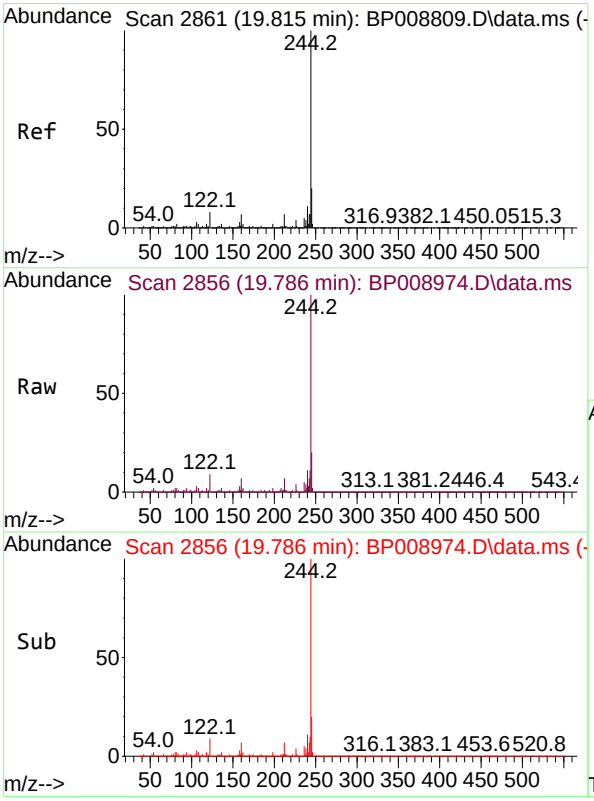
#78
Pyrene
Concen: 19.818 ng
RT: 19.592 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:202 Resp: 1464112

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.0	27.0
203	17.9	15.0	22.6

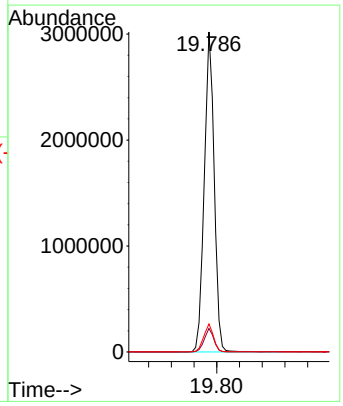


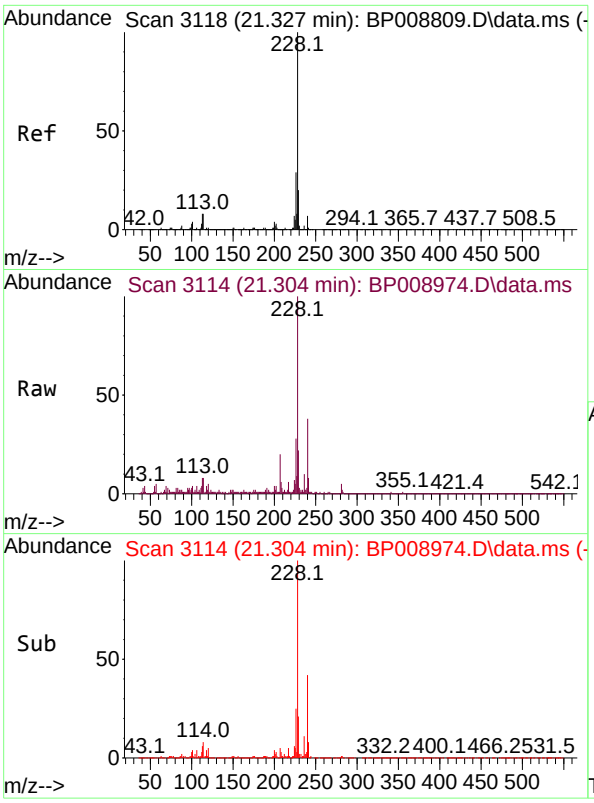


#79
Terphenyl-d14
Concen: 58.111 ng
RT: 19.786 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:244 Resp: 3645194

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	8.7	9.2	13.8#



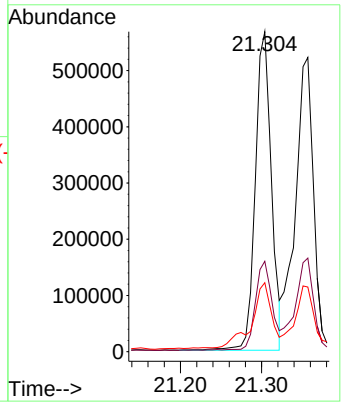


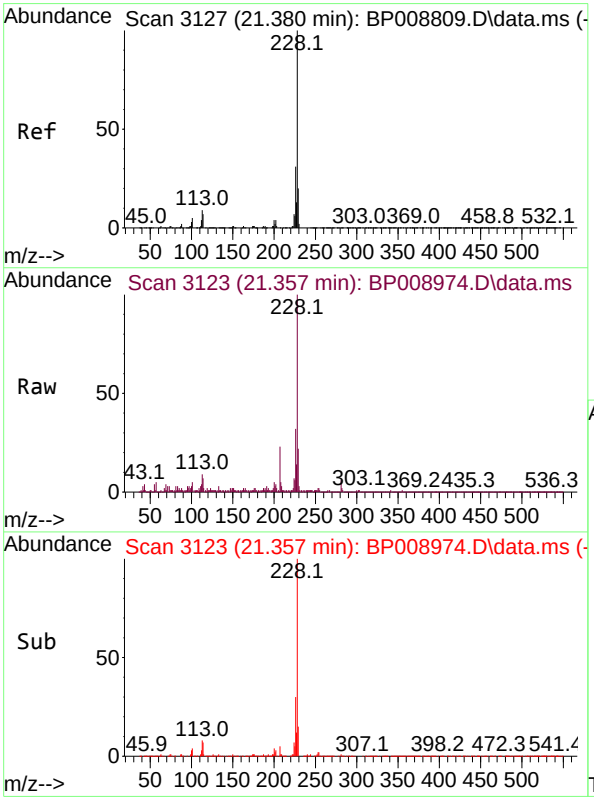
#81
Benzo(a)anthracene
Concen: 10.905 ng
RT: 21.304 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:228 Resp: 776812

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.3	34.9
229	21.5	17.0	25.6

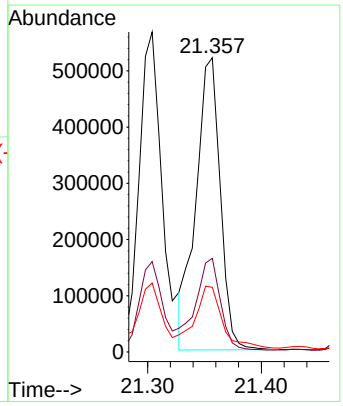


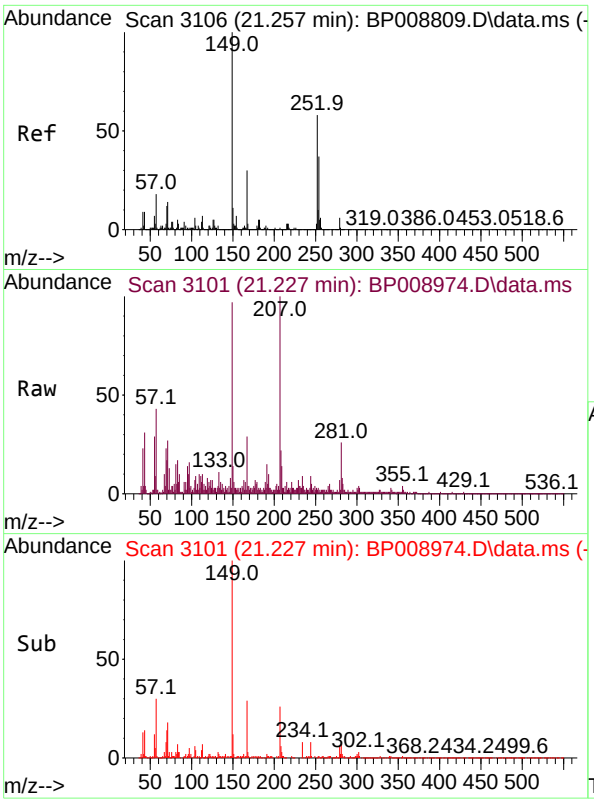


#83
Chrysene
Concen: 11.215 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:228 Resp: 774418

Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.0	39.0
229	22.0	16.9	25.3



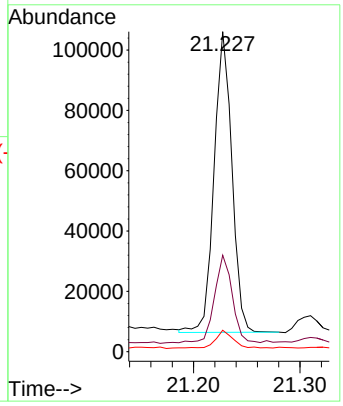


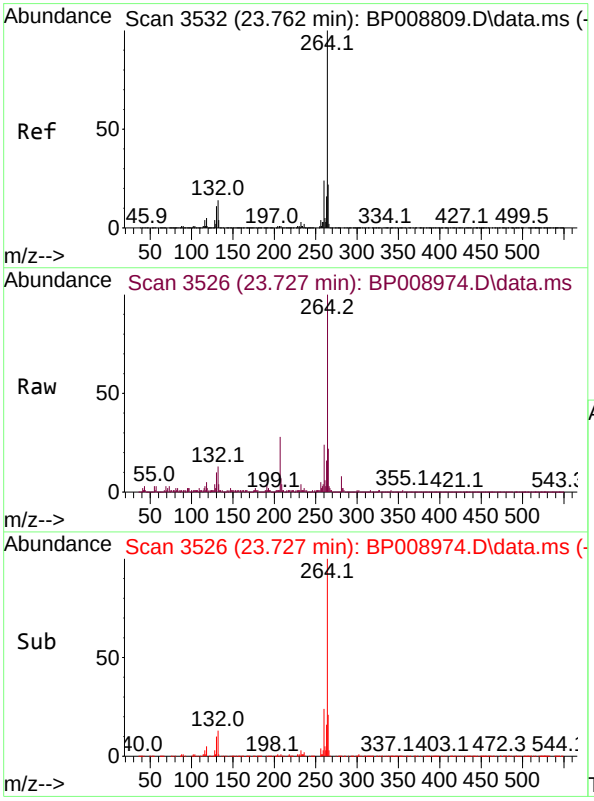
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.506 ng
RT: 21.227 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:149 Resp: 115312

Ion	Ratio	Lower	Upper
149	100		
167	30.2	25.0	37.4
279	6.7	4.8	7.2

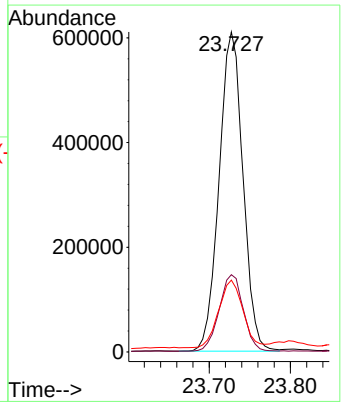


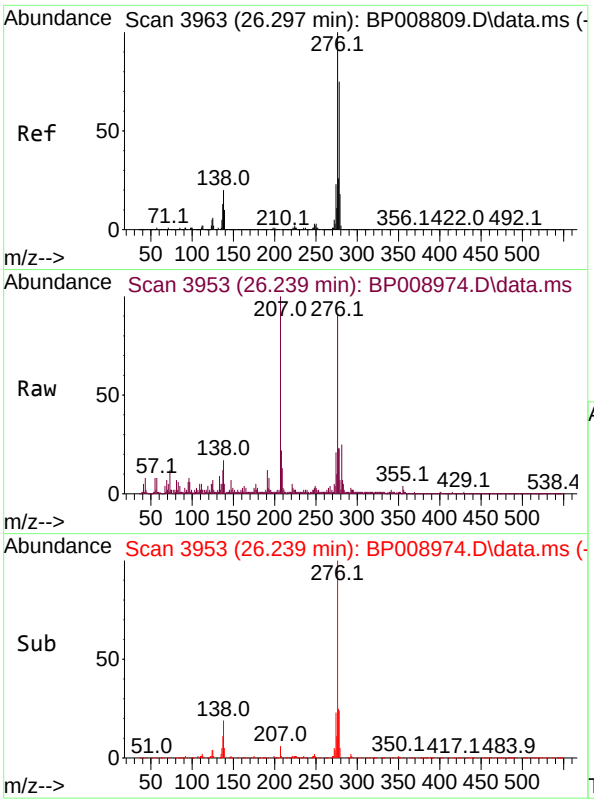


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:264 Resp: 1246639

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	22.4	17.1	25.7



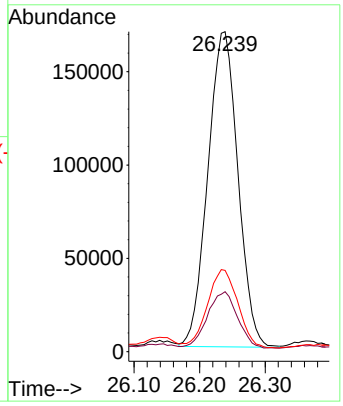


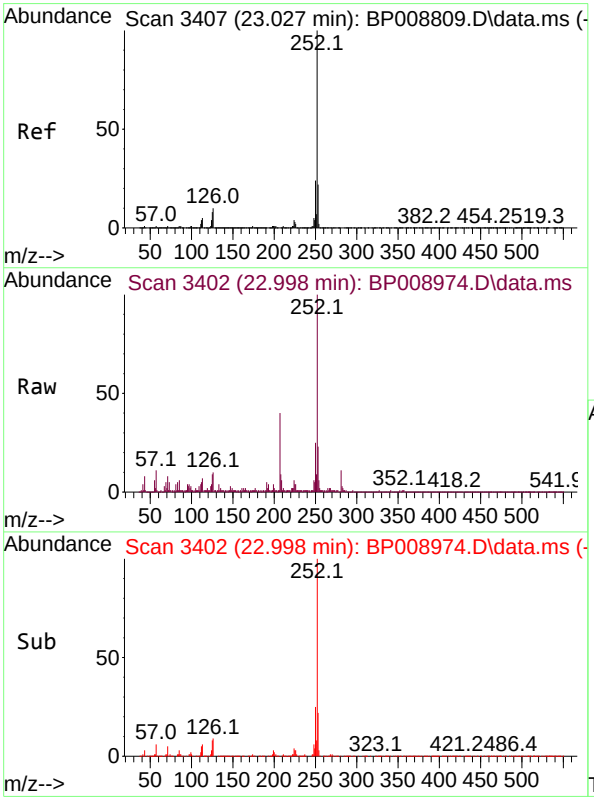
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.236 ng
RT: 26.239 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:276 Resp: 537915

Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.8	26.6
277	25.2	20.4	30.6

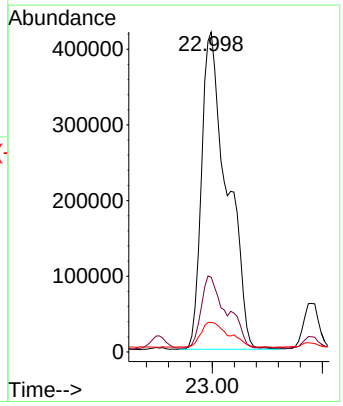


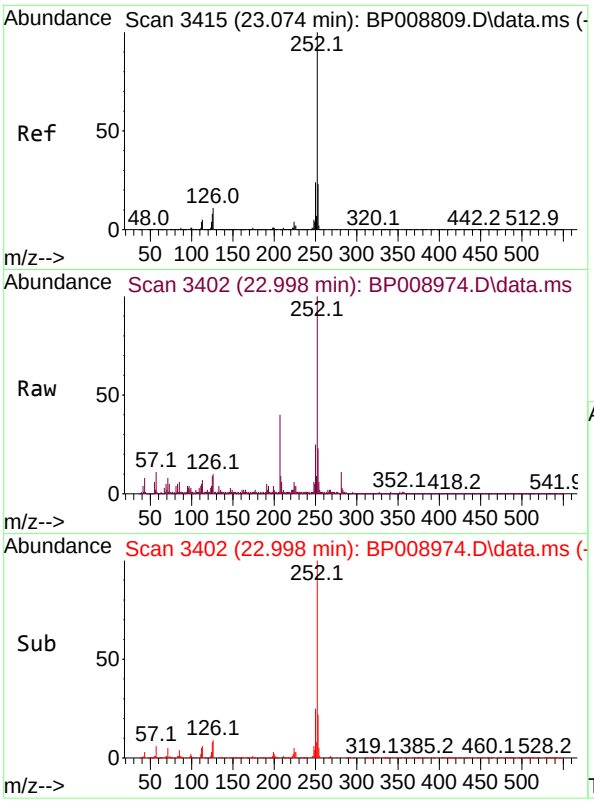


#88
Benzo(b)fluoranthene
Concen: 16.221 ng
RT: 22.998 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:252 Resp: 1350444

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	9.3	6.9	10.3



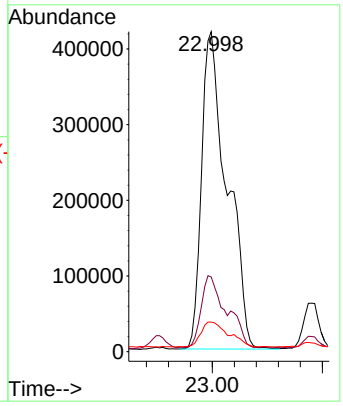


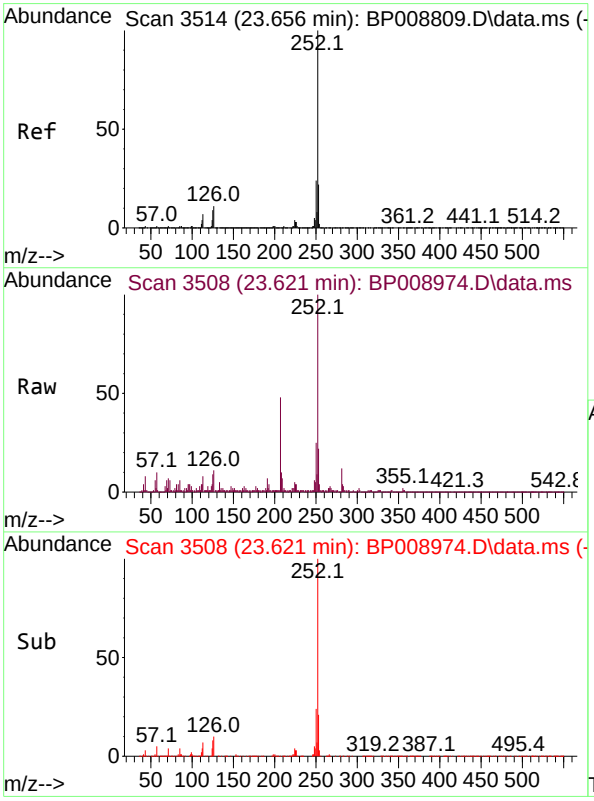
#89
Benzo(k)fluoranthene
Concen: 16.771 ng
RT: 22.998 min Scan# 34
Delta R.T. -0.053 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:252 Resp: 1351528

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	9.3	7.3	10.9

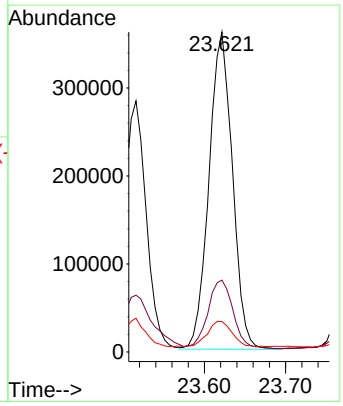


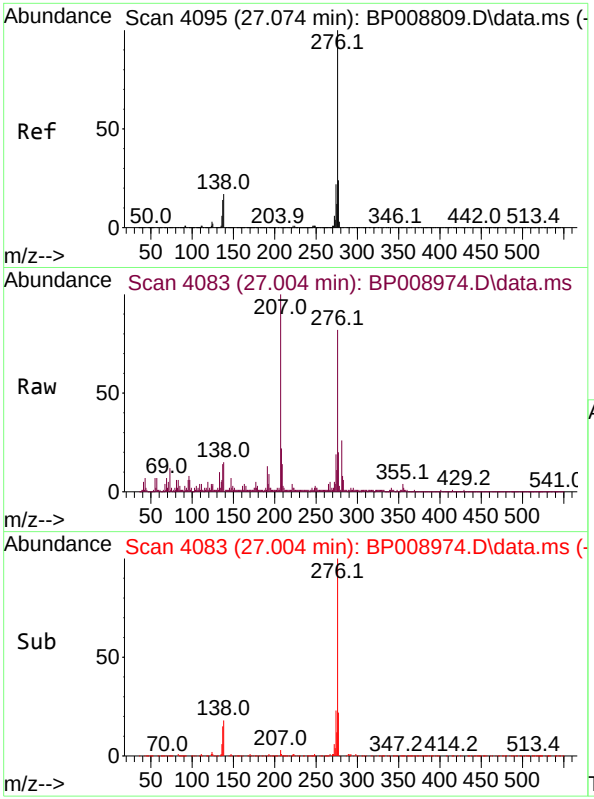


#90
Benzo(a)pyrene
Concen: 9.009 ng
RT: 23.621 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Tgt Ion:252 Resp: 723971

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.5	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 6.399 ng
RT: 27.004 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP008974.D
Acq: 31 Jan 2022 20:16

Instrument :
BNA_P
ClientSampleId :
CC-9

Tgt Ion:276 Resp: 545750

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	18.7	15.0	22.4