Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008483.D
Acq On : 17 Dec 2021 21:51
Operator : CG/JU
Sample : M5039-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-28

Quant Time: Dec 18 06:18:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	53226	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	211524	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	142417	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	312495	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	344224	20.000	ng	-0.01
86) Perylene-d12	23.621	264	375397	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	200770	59.569	ng	0.00
7) Phenol-d6	6.946	99	158491	35.013	ng	0.00
23) Nitrobenzene-d5	8.893	82	408909	81.898	ng	-0.02
42) 2,4,6-Tribromophenol	15.887	330	276591	132.155	ng	-0.02
45) 2-Fluorobiphenyl	12.998	172	884997	78.994	ng	-0.02
79) Terphenyl-d14	19.722	244	1403793	70.975	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	26536	18.172	ng	# 1
3) Pyridine	3.611	79	9876	2.431	ng	# 51
6) Aniline	7.116	93	13706	2.616	ng	# 1
9) Benzaldehyde	6.875	77	257416	110.868	ng	# 1
10) Phenol	6.975	94	14197	3.089	ng	# 21
15) Benzyl Alcohol	8.016	79	20044	5.505	ng	# 49
16) 2,2'-oxybis(1-Chloropr...	8.152	45	29086	5.361	ng	88
17) 2-Methylphenol	8.210	107	35194	11.574	ng	# 59
18) Hexachloroethane	8.828	117	170537	113.709	ng	# 1
20) 3+4-Methylphenols	8.540	107	58555	13.981	ng	# 50
22) Acetophenone	8.558	105	179313	28.826	ng	# 97
24) Nitrobenzene	8.905	77	30134	6.430	ng	# 1
27) 2,4-Dimethylphenol	9.763	122	253795	85.458	ng	# 89
31) Naphthalene	10.575	128	3359071	302.828	ng	99
32) Benzoic acid	10.005	122	22059	10.132	ng	# 56
33) 4-Chloroaniline	10.575	127	463083	104.214	ng	# 32
37) 2-Methylnaphthalene	12.193	142	647788	84.732	ng	97
38) 1-Methylnaphthalene	12.193	142	647788	87.032	ng	97
41) Hexachlorocyclopentadiene	12.569	237	16	8.661	ng	85
56) 4-Nitrophenol	14.781	139	2835	2.303	ng	92
73) Carbazole	17.563	167	55021	3.600	ng	96

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

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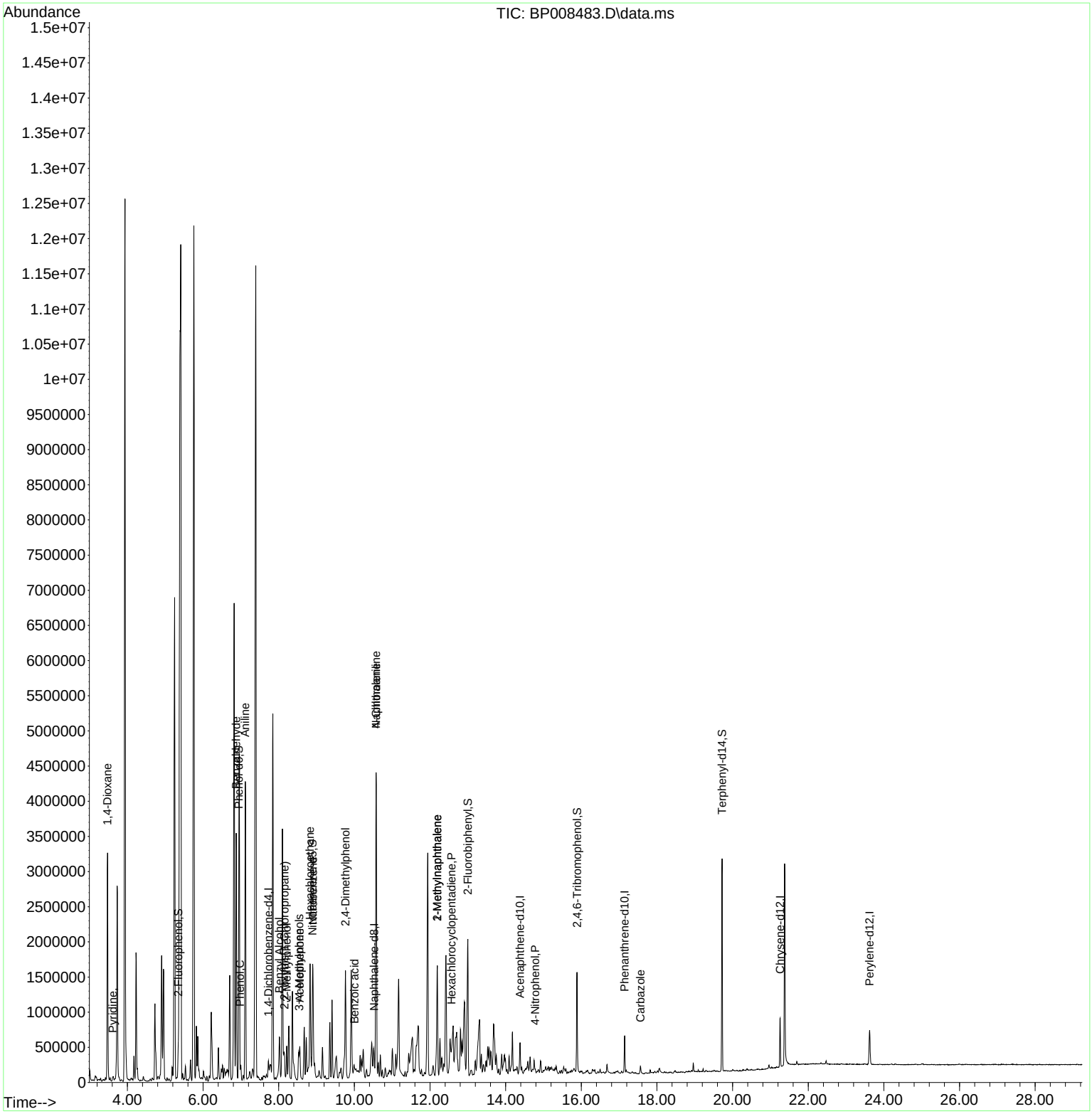
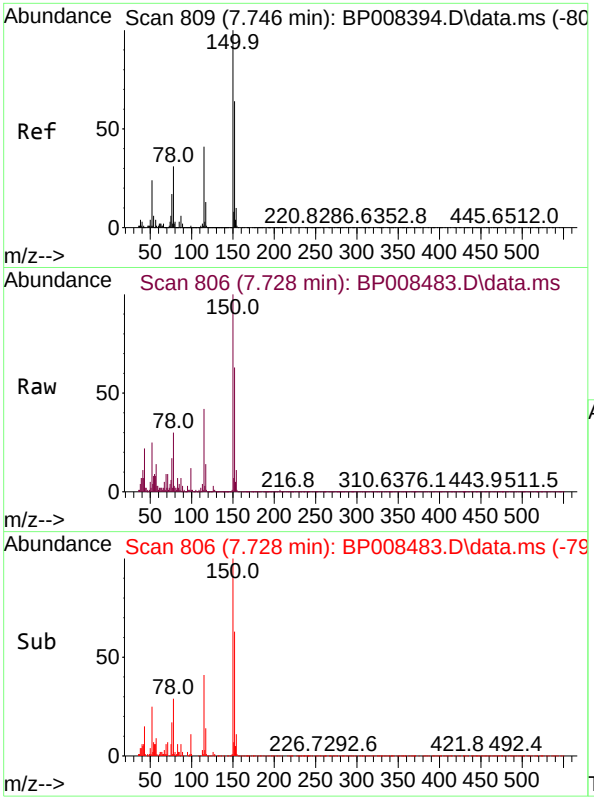


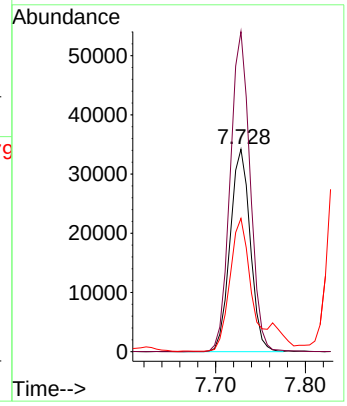


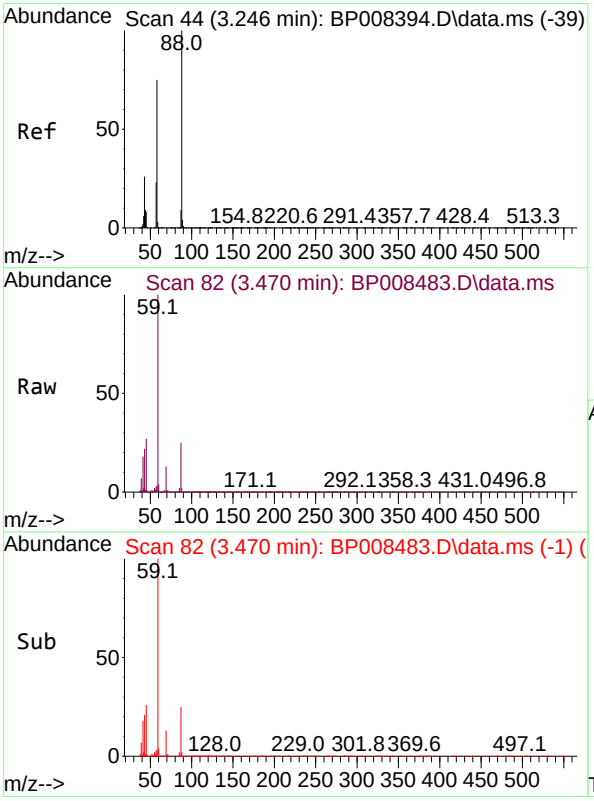
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:152 Resp: 53226

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.7	188.5
115	65.8	50.7	76.1

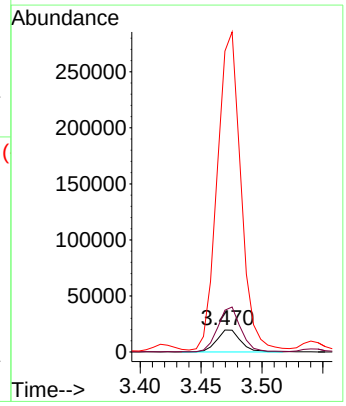


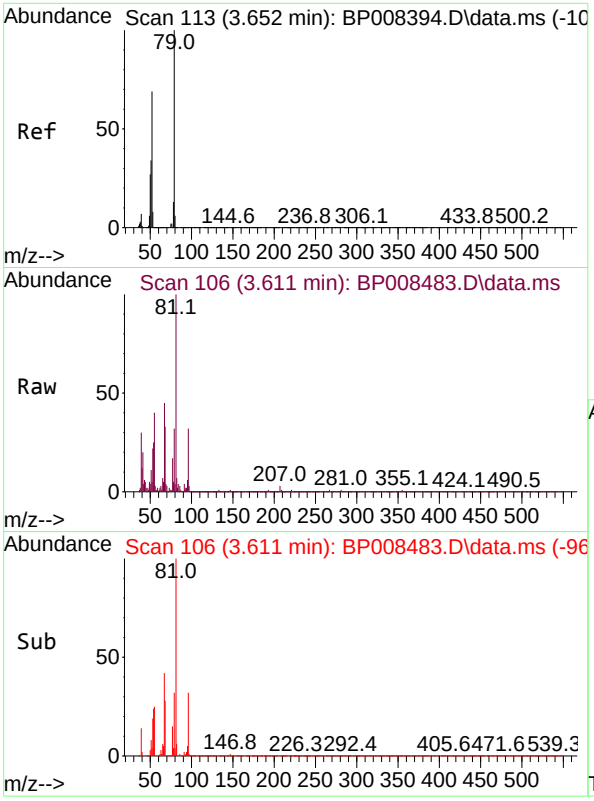


#2
1,4-Dioxane
Concen: 18.172 ng
RT: 3.470 min Scan# 82
Delta R.T. 0.224 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion: 88 Resp: 26536

Ion	Ratio	Lower	Upper
88	100		
58	197.6	63.5	95.3#
43	1433.4	23.4	35.2#



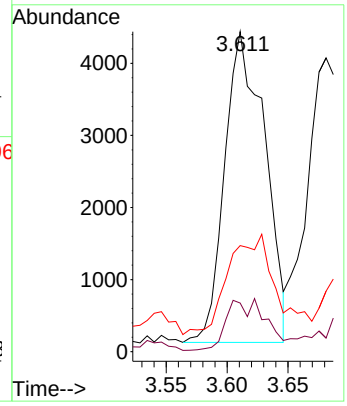


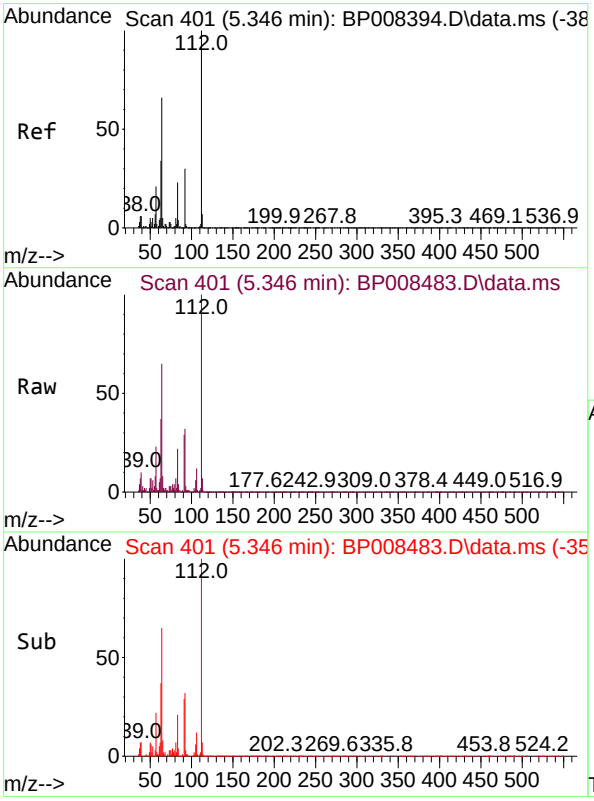
#3
Pyridine
Concen: 2.431 ng
RT: 3.611 min Scan# 1
Delta R.T. -0.041 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion: 79 Resp: 9876

Ion	Ratio	Lower	Upper
79	100		
52	15.2	60.0	90.0#
51	33.2	29.6	44.4

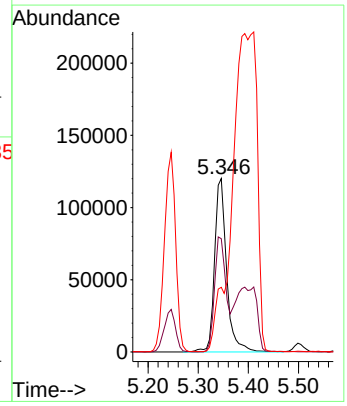


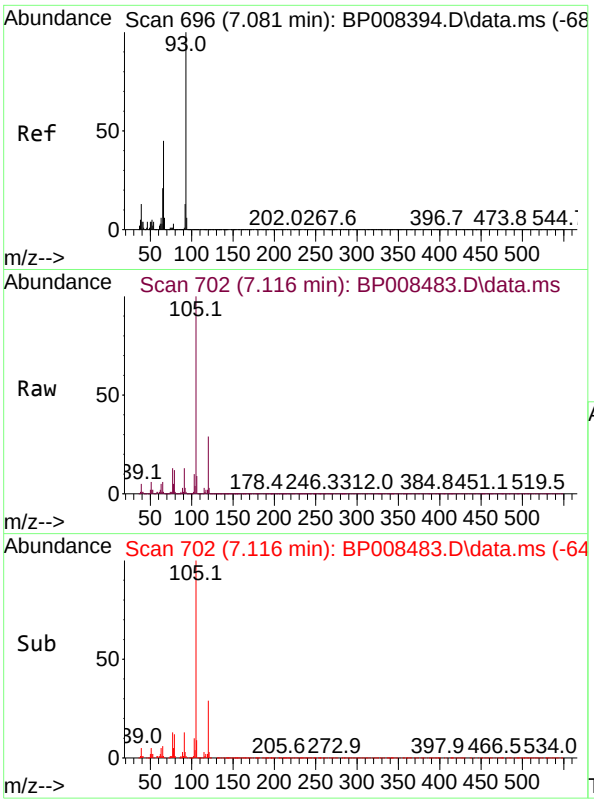


#5
2-Fluorophenol
Concen: 59.569 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:112 Resp: 200770

Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.4	80.2
63	37.3	27.8	41.8



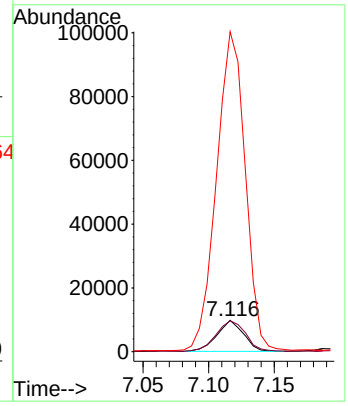


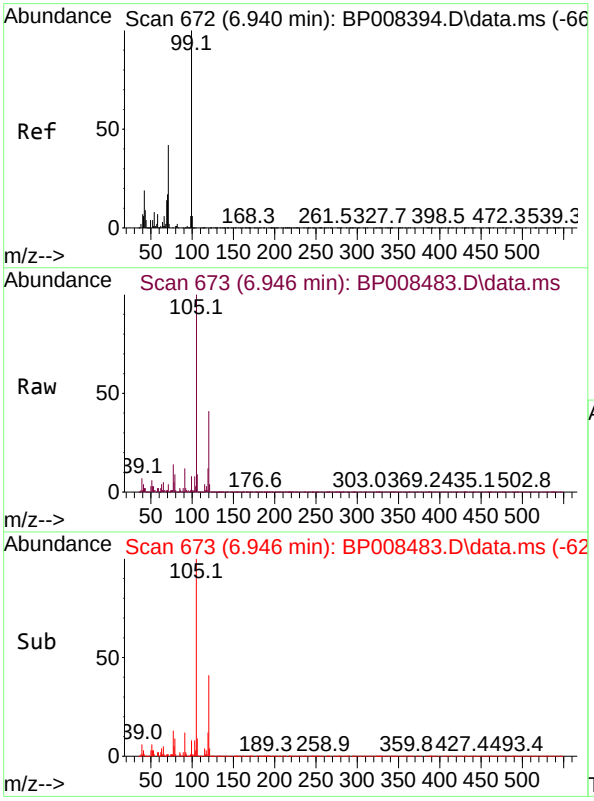
#6
Aniline
Concen: 2.616 ng
RT: 7.116 min Scan# 7
Delta R.T. 0.035 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion: 93 Resp: 13706

Ion	Ratio	Lower	Upper
93	100		
66	98.3	32.9	49.3#
65	1020.9	17.5	26.3#

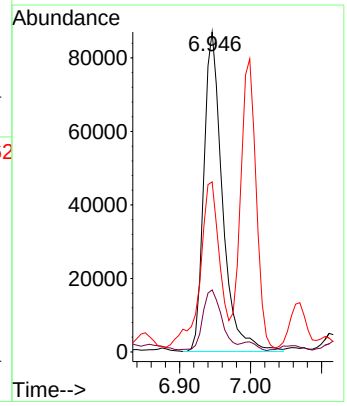


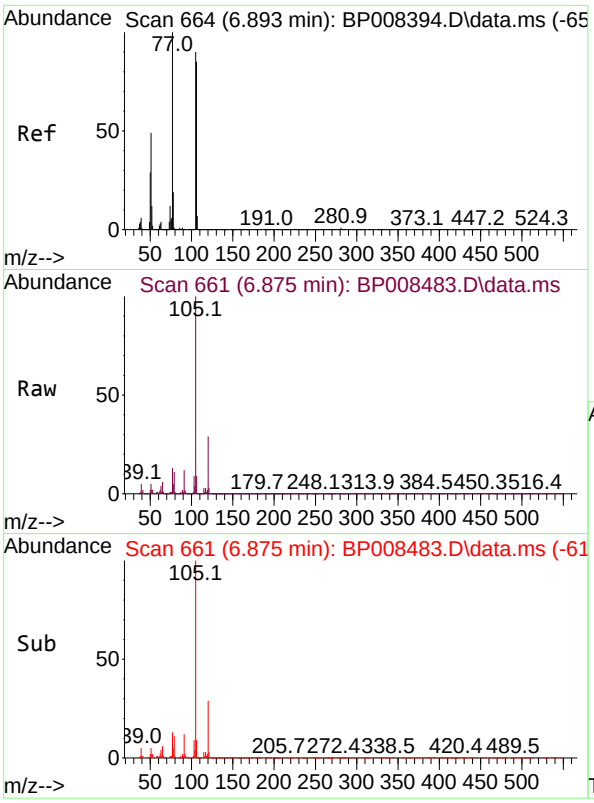


#7
Phenol-d6
Concen: 35.013 ng
RT: 6.946 min Scan# 673
Delta R.T. 0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion: 99 Resp: 158491

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.6	22.0
71	53.2	31.1	46.7#



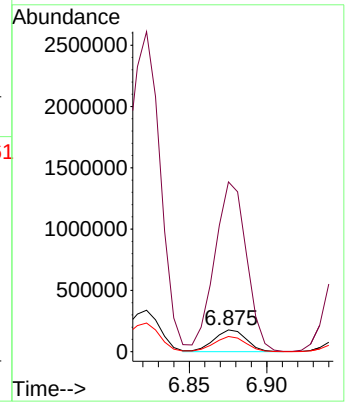


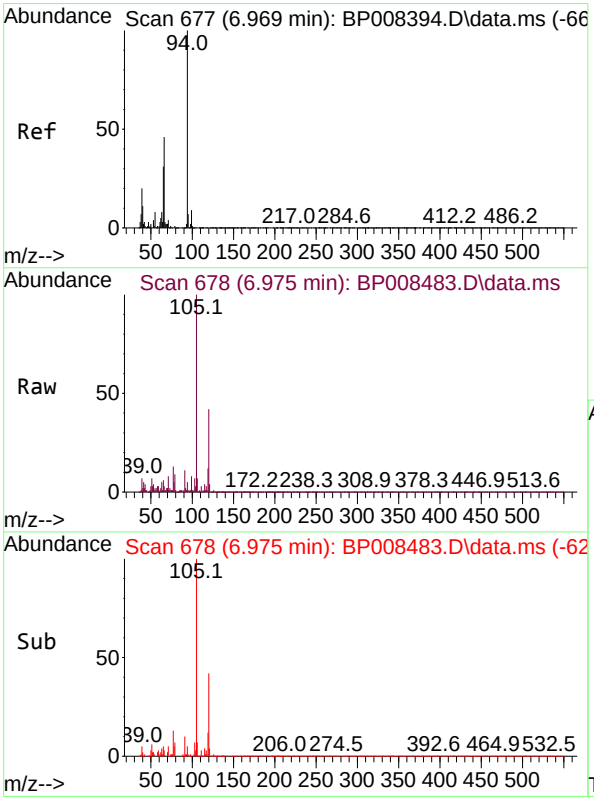
#9
Benzaldehyde
Concen: 110.868 ng
RT: 6.875 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion: 77 Resp: 257416

Ion	Ratio	Lower	Upper
77	100		
105	779.5	71.8	111.8#
106	69.6	67.3	107.3

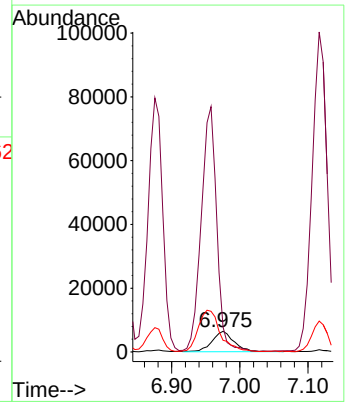


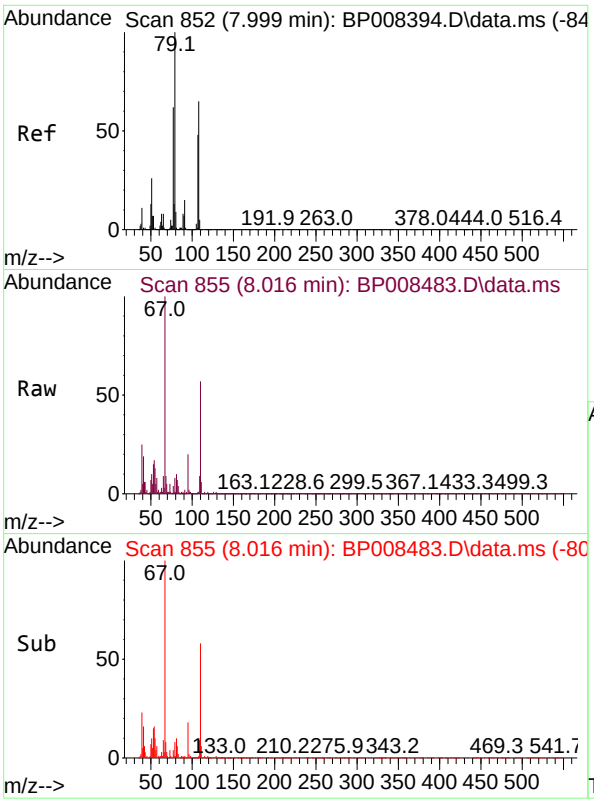


#10
Phenol
Concen: 3.089 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion: 94 Resp: 14197

Ion	Ratio	Lower	Upper
94	100		
65	121.2	10.9	50.9#
66	56.5	24.3	64.3



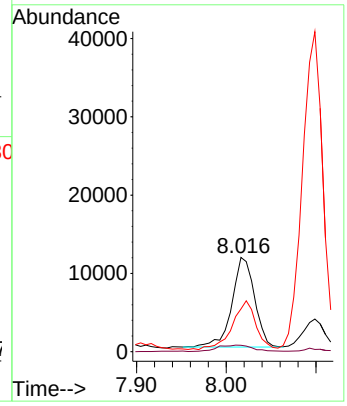


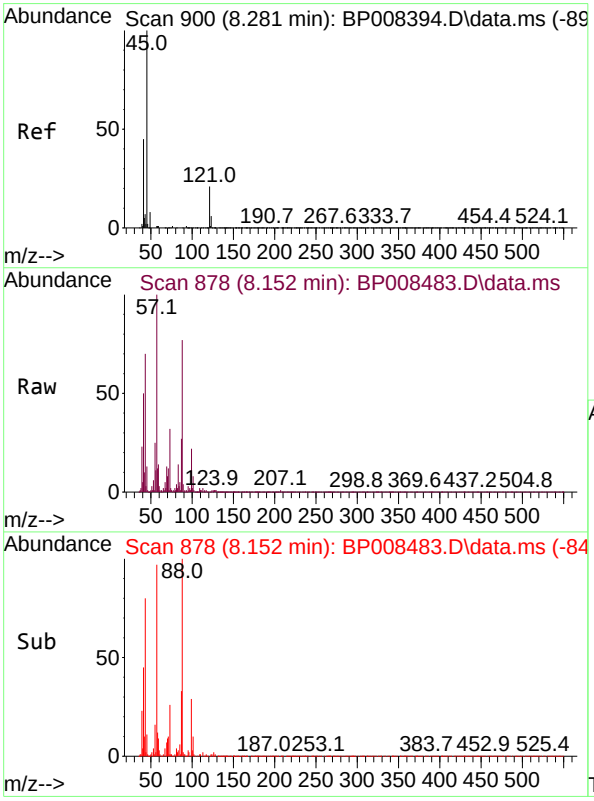
#15
Benzyl Alcohol
Concen: 5.505 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion: 79 Resp: 20044

Ion	Ratio	Lower	Upper
79	100		
108	6.9	55.5	83.3#
77	45.4	51.0	76.6#

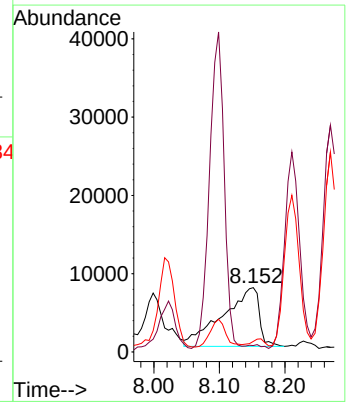


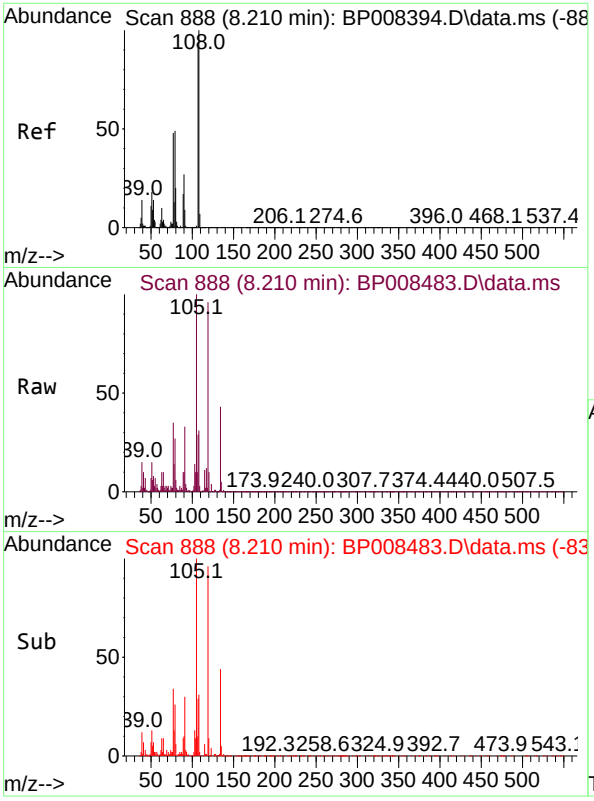


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.361 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.129 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion: 45 Resp: 29086

Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	33.8
79	16.6	0.0	30.4



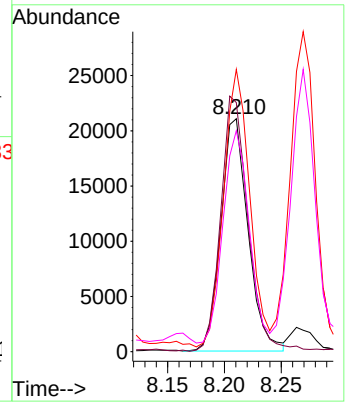


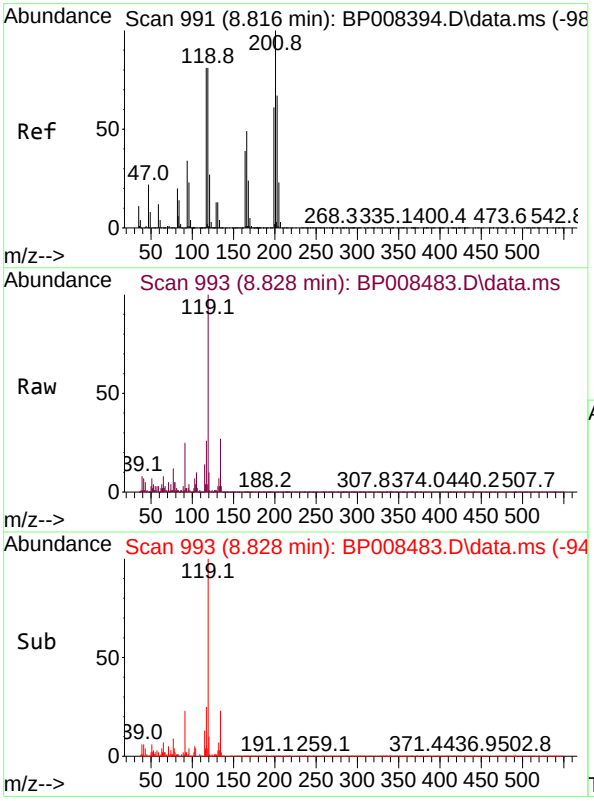
#17
2-Methylphenol
Concen: 11.574 ng
RT: 8.210 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:107 Resp: 35194

Ion	Ratio	Lower	Upper
107	100		
108	107.0	90.2	135.2
77	121.2	41.3	61.9#
79	94.9	41.0	61.6#

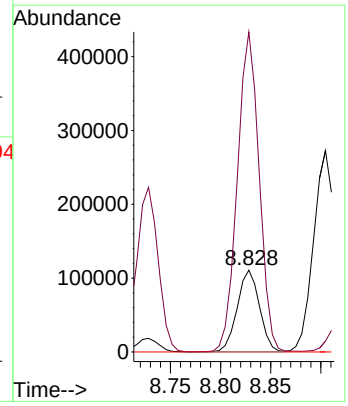


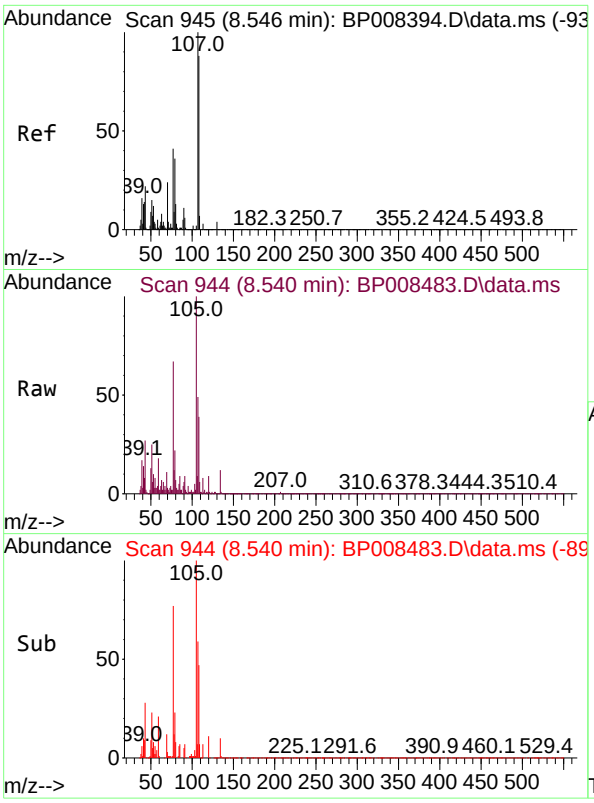


#18
Hexachloroethane
Concen: 113.709 ng
RT: 8.828 min Scan# 993
Delta R.T. 0.012 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:117 Resp: 170537

Ion	Ratio	Lower	Upper
117	100		
119	391.1	74.7	112.1#
201	0.0	88.6	132.8#



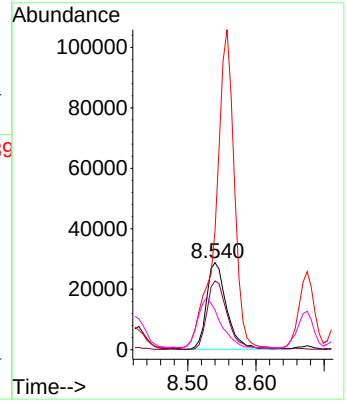


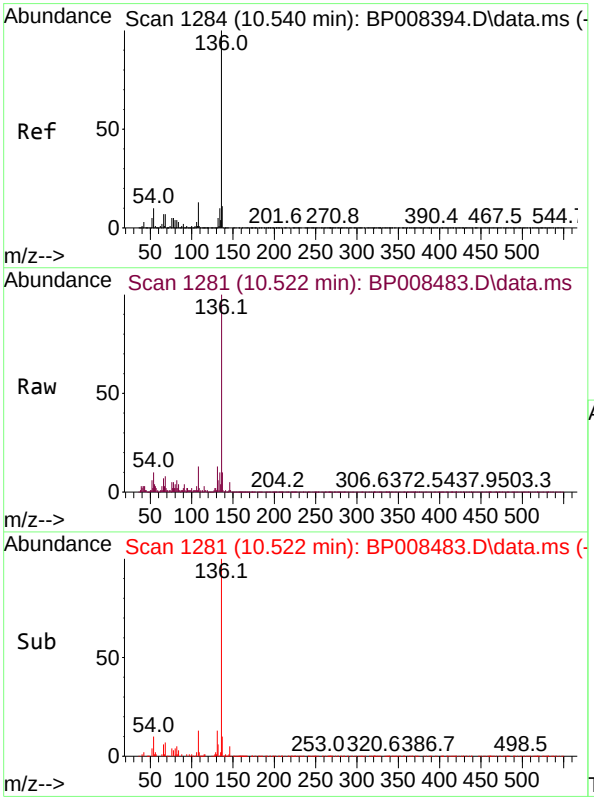
#20
3+4-Methylphenols
Concen: 13.981 ng
RT: 8.540 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:107 Resp: 58555

Ion	Ratio	Lower	Upper
107	100		
108	79.0	68.2	108.2
77	136.6	16.9	56.9#
79	45.5	12.5	52.5

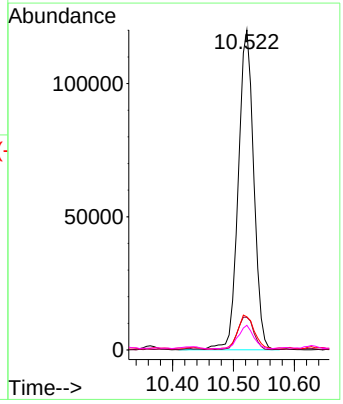


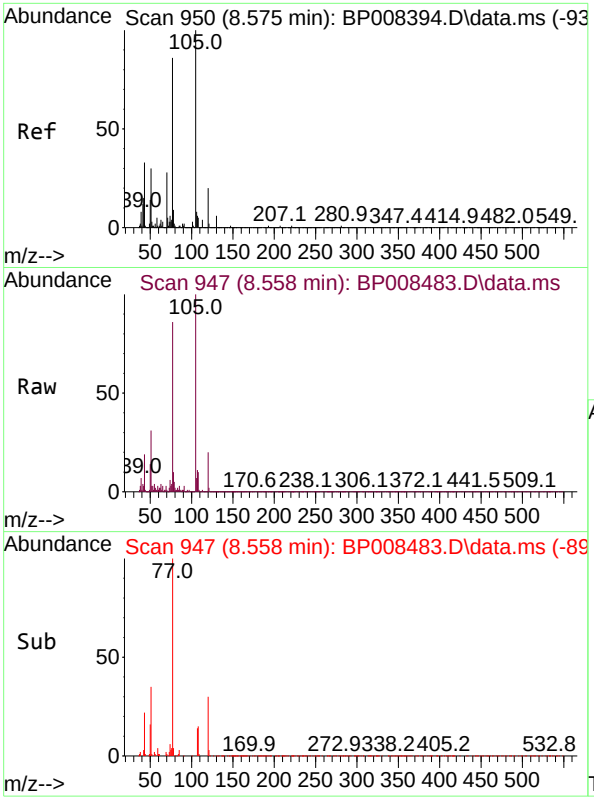


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:136 Resp: 211524

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.6
54	10.4	8.2	12.4
68	7.7	5.8	8.8



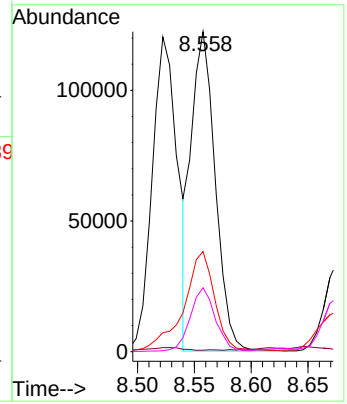


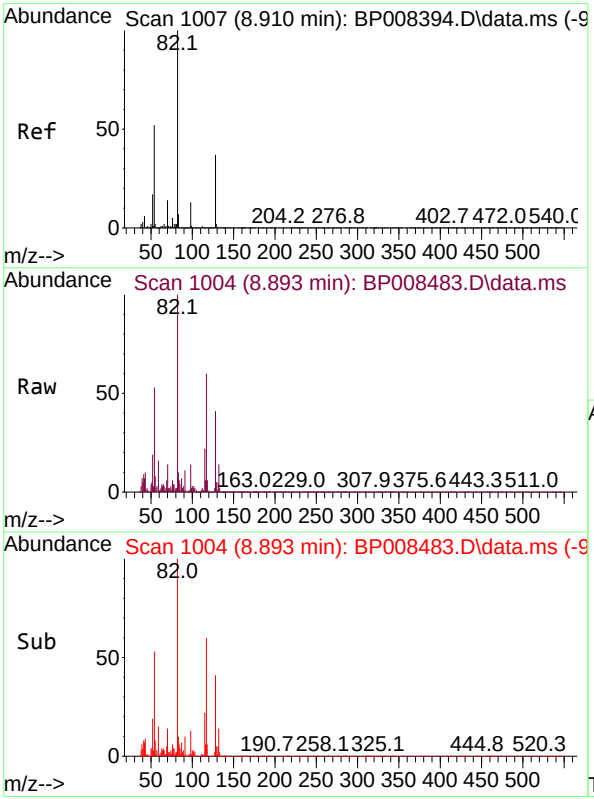
#22
Acetophenone
Concen: 28.826 ng
RT: 8.558 min Scan# 94
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:105 Resp: 179313

Ion	Ratio	Lower	Upper
105	100		
71	0.4	4.0	6.0#
51	31.3	23.8	35.6
120	20.0	16.0	24.0

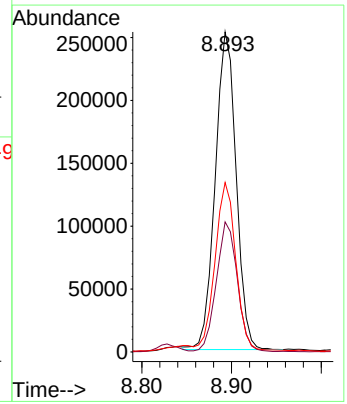


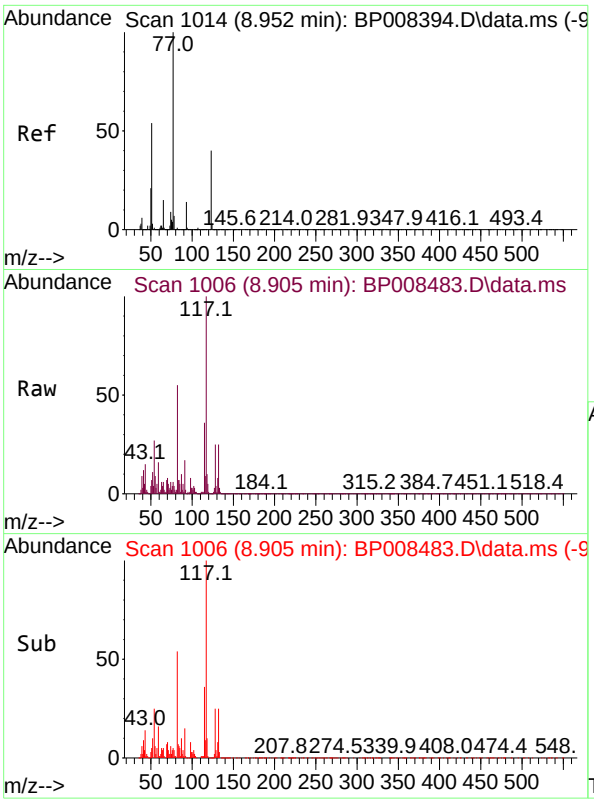


#23
Nitrobenzene-d5
Concen: 81.898 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion: 82 Resp: 408909

Ion	Ratio	Lower	Upper
82	100		
128	40.7	29.6	44.4
54	53.0	42.7	64.1



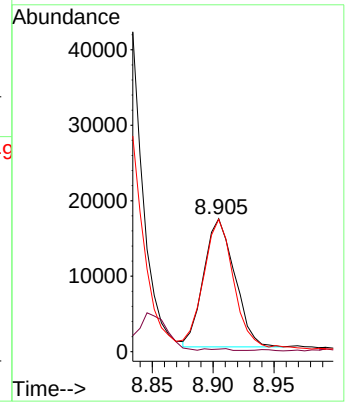


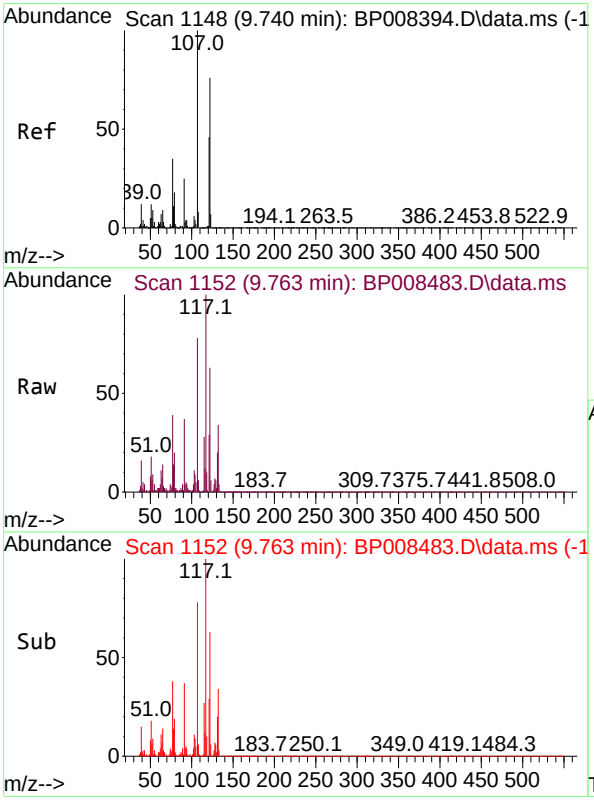
#24
Nitrobenzene
Concen: 6.430 ng
RT: 8.905 min Scan# 1
Delta R.T. -0.047 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion: 77 Resp: 30134

Ion	Ratio	Lower	Upper
77	100		
123	1.9	30.4	45.6#
65	99.5	11.3	16.9#

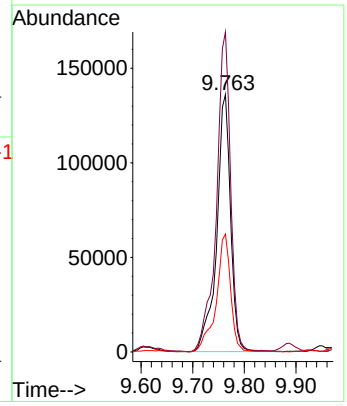


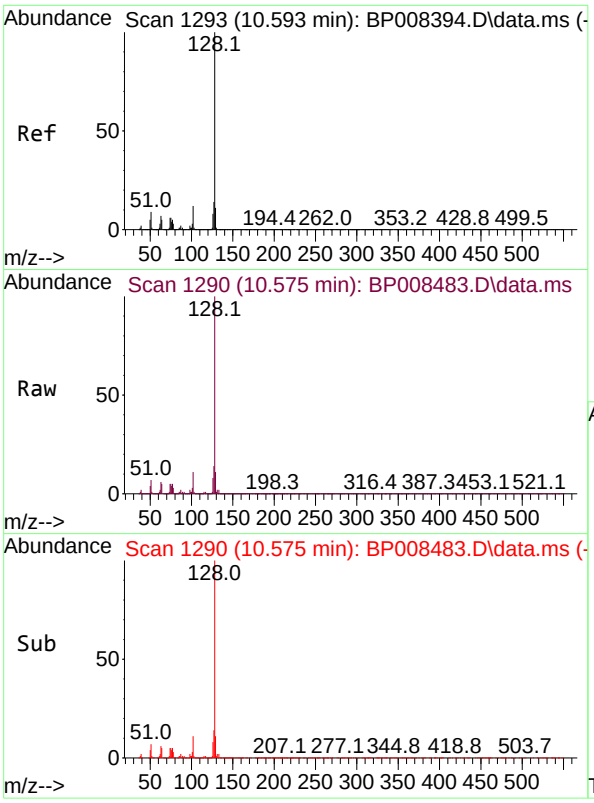


#27
2,4-Dimethylphenol
Concen: 85.458 ng
RT: 9.763 min Scan# 1152
Delta R.T. 0.024 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:122 Resp: 253795

Ion	Ratio	Lower	Upper
122	100		
107	124.3	106.6	160.0
121	45.8	48.1	72.1#



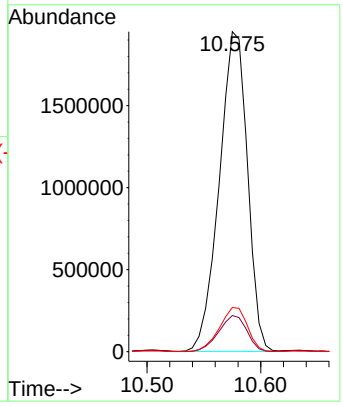


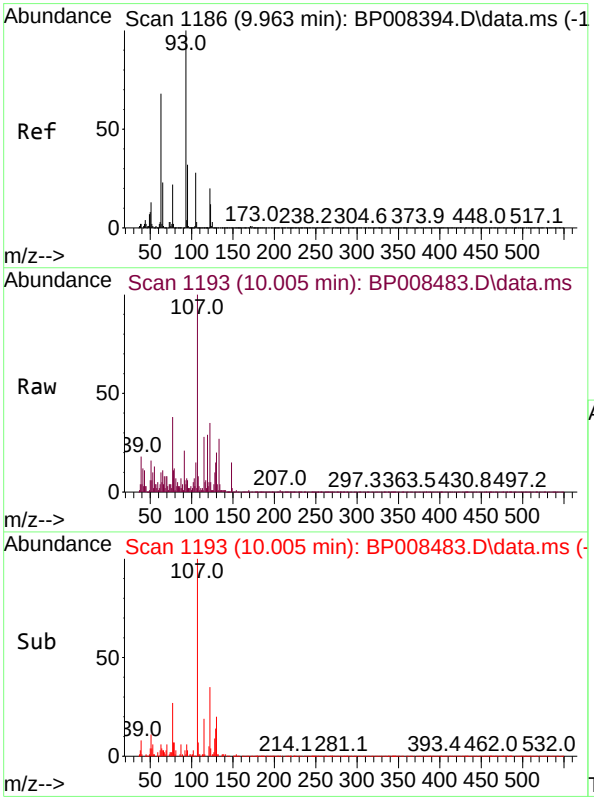
#31
Naphthalene
Concen: 302.828 ng
RT: 10.575 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:128 Resp: 3359071

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	13.8	10.9	16.3

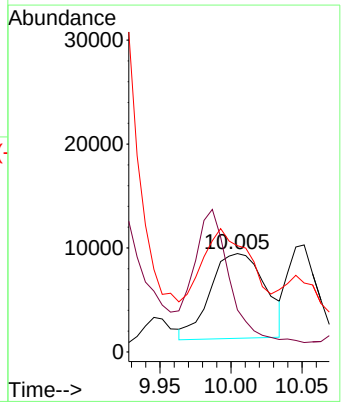


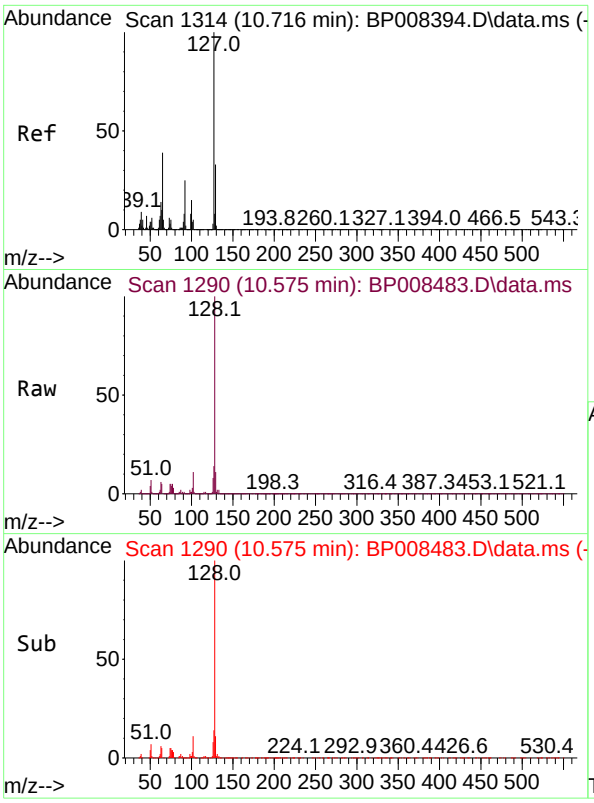


#32
Benzoic acid
Concen: 10.132 ng
RT: 10.005 min Scan# 1193
Delta R.T. 0.041 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:122 Resp: 22059

Ion	Ratio	Lower	Upper
122	100		
105	42.7	117.4	157.4#
77	108.0	89.2	129.2



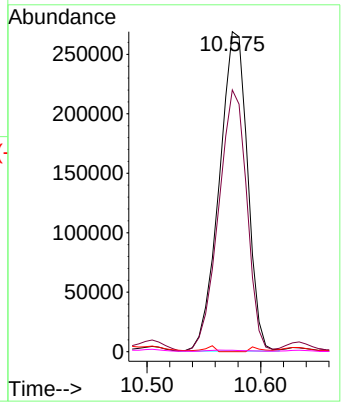


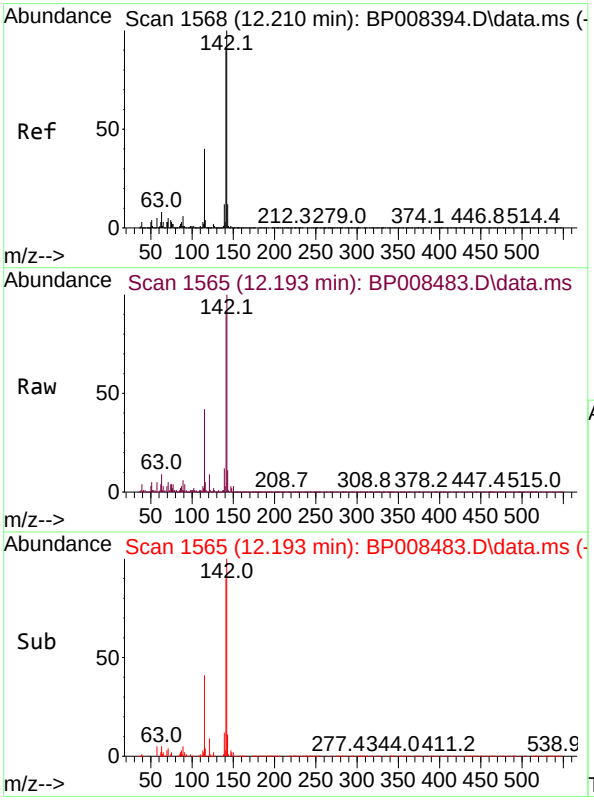
#33
4-Chloroaniline
Concen: 104.214 ng
RT: 10.575 min Scan# 1
Delta R.T. -0.141 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:127 Resp: 463083

Ion	Ratio	Lower	Upper
127	100		
129	81.8	25.4	38.2#
65	0.0	29.5	44.3#
92	0.5	18.2	27.4#

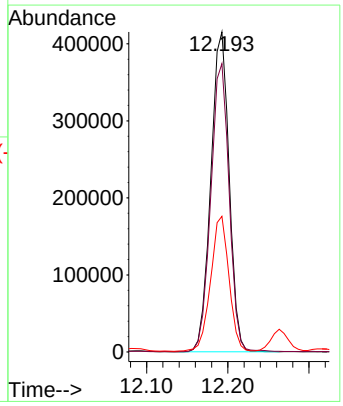


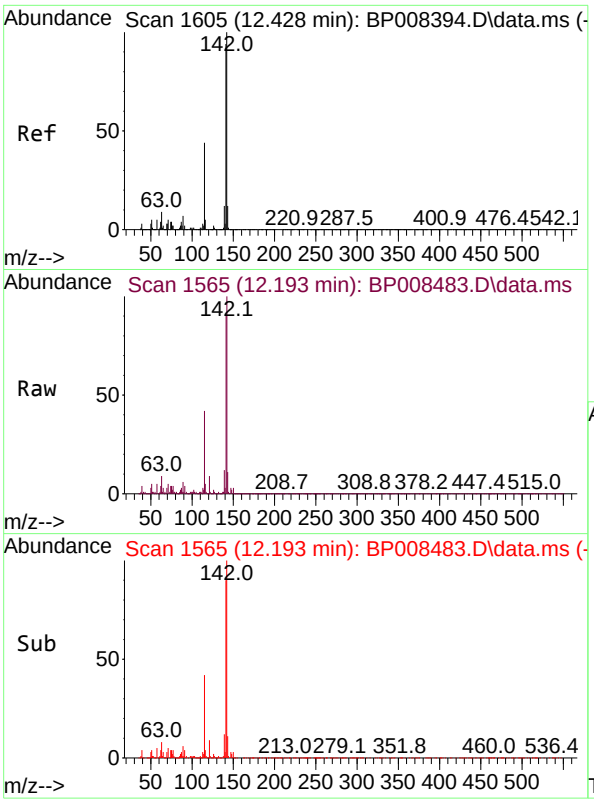


#37
2-Methylnaphthalene
Concen: 84.732 ng
RT: 12.193 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:142 Resp: 647788

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.7	106.1
115	42.4	30.9	46.3



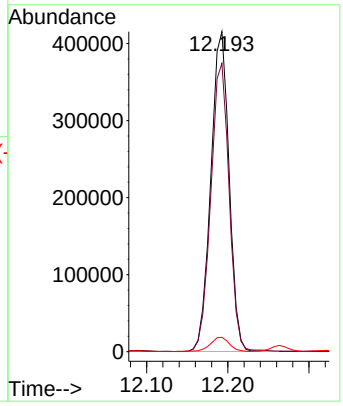


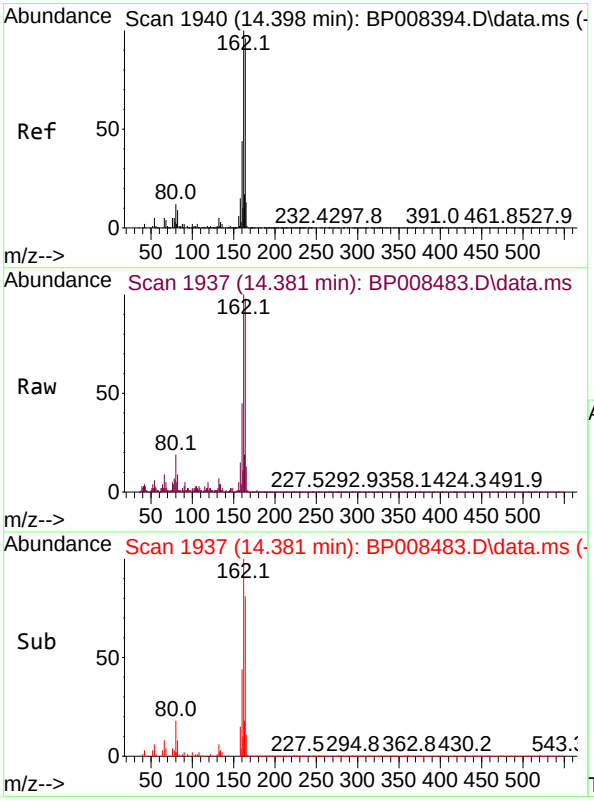
#38
1-Methylnaphthalene
Concen: 87.032 ng
RT: 12.193 min Scan# 1
Delta R.T. -0.235 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:142 Resp: 647788

Ion	Ratio	Lower	Upper
142	100		
141	90.1	74.2	111.4
116	4.5	3.4	5.2

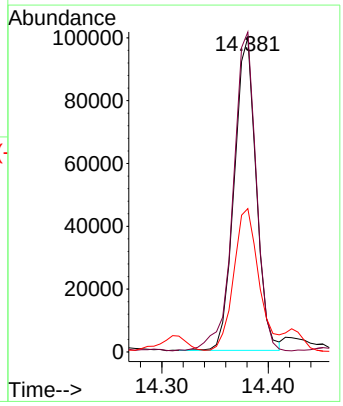


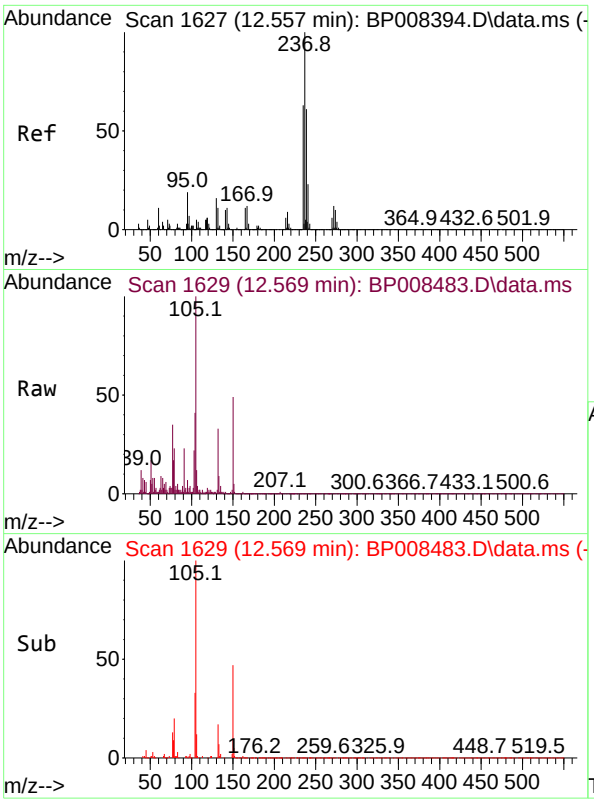


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.017 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:164 Resp: 142417

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.9	122.9
160	45.6	35.4	53.0



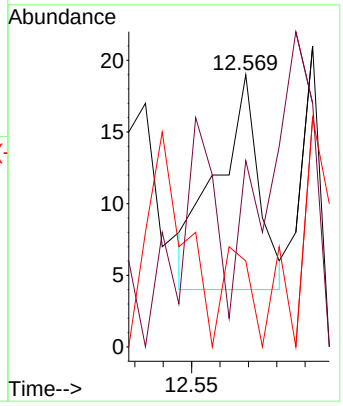


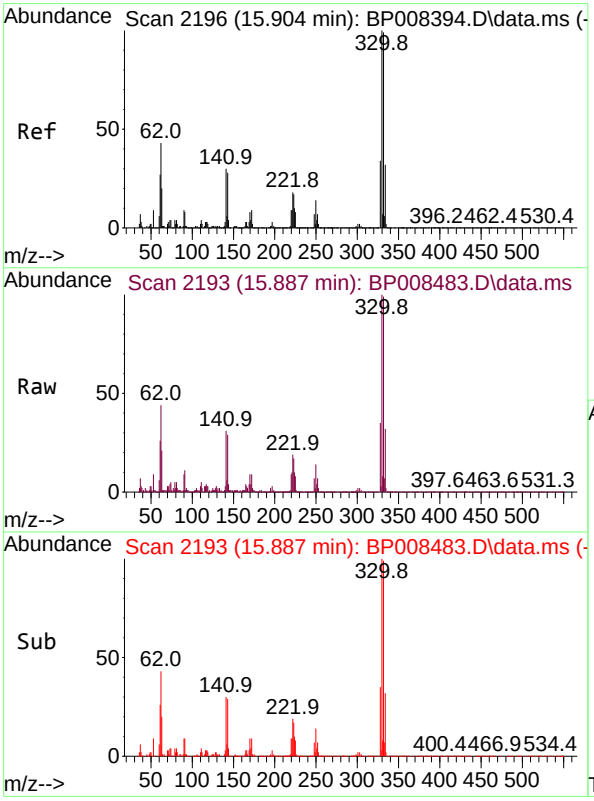
#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:237 Resp: 16

Ion	Ratio	Lower	Upper
237	100		
235	68.4	42.3	82.3
272	31.6	0.0	32.2

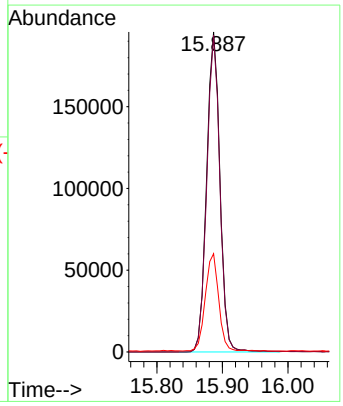


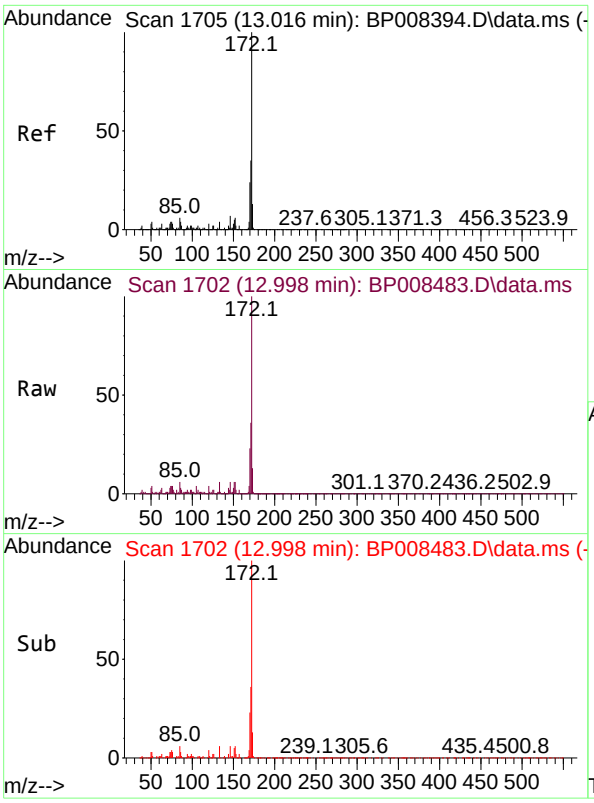


#42
2,4,6-Tribromophenol
Concen: 132.155 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:330 Resp: 276591

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.4
141	30.6	28.4	42.6



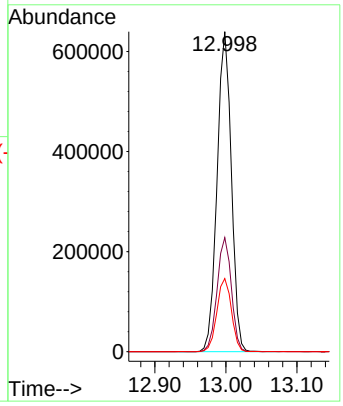


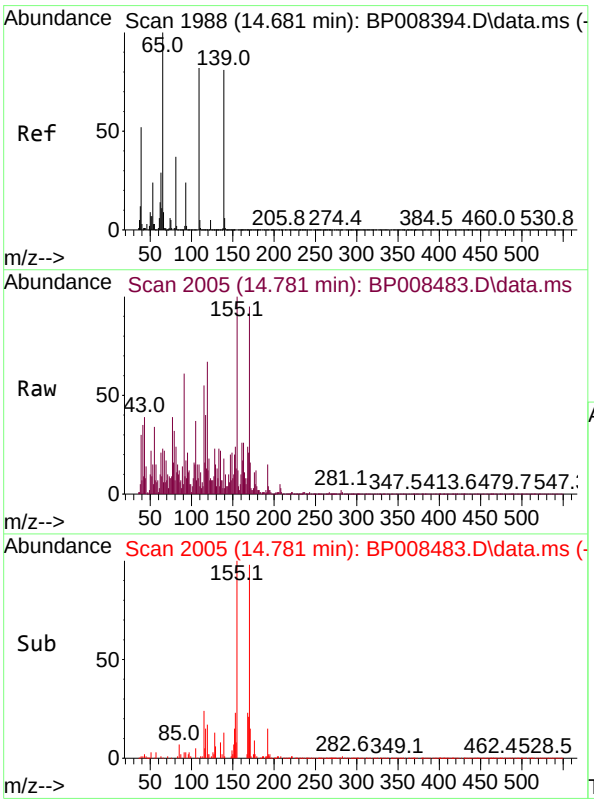
#45
2-Fluorobiphenyl
Concen: 78.994 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:172 Resp: 884997

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	22.9	18.9	28.3

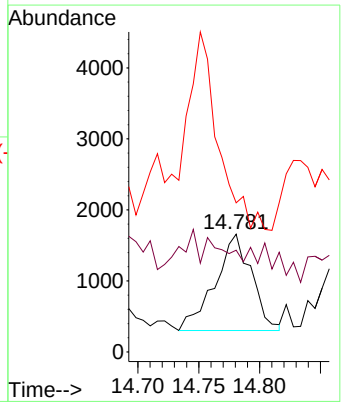


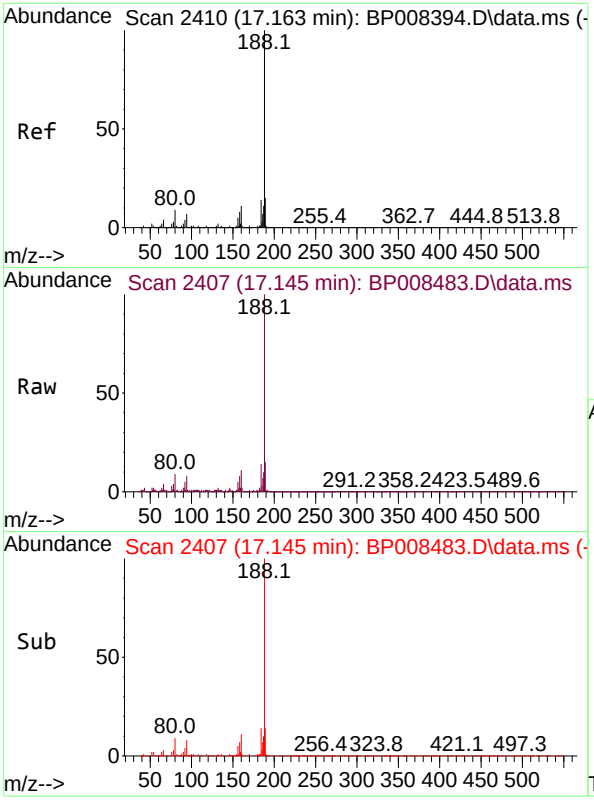


#56
4-Nitrophenol
Concen: 2.303 ng
RT: 14.781 min Scan# 2005
Delta R.T. 0.100 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:139 Resp: 2835

Ion	Ratio	Lower	Upper
139	100		
109	86.4	65.9	105.9
65	126.7	91.9	131.9



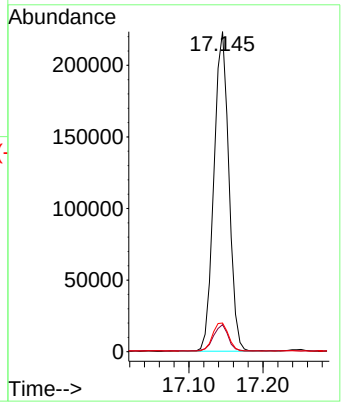


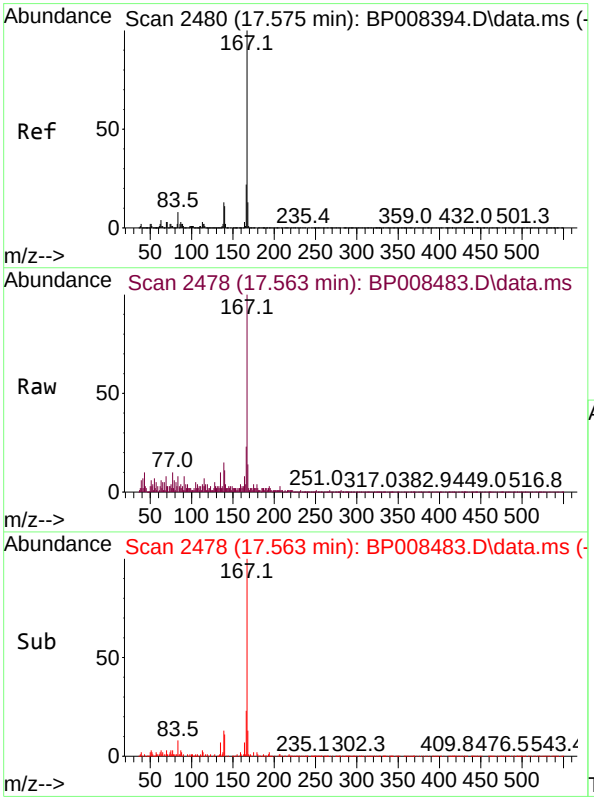
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:188 Resp: 312495

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.0	8.2	12.4

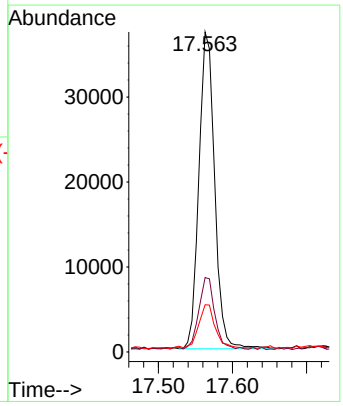


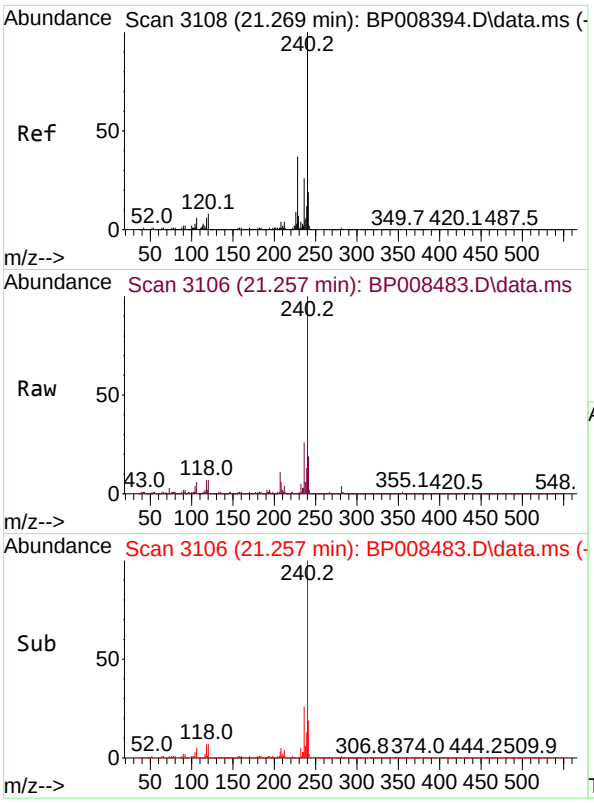


#73
Carbazole
Concen: 3.600 ng
RT: 17.563 min Scan# 2478
Delta R.T. -0.012 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:167 Resp: 55021

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.4	26.0
139	14.8	10.2	15.2



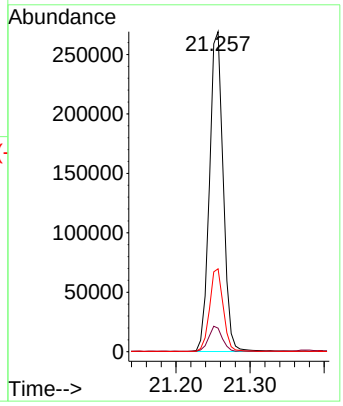


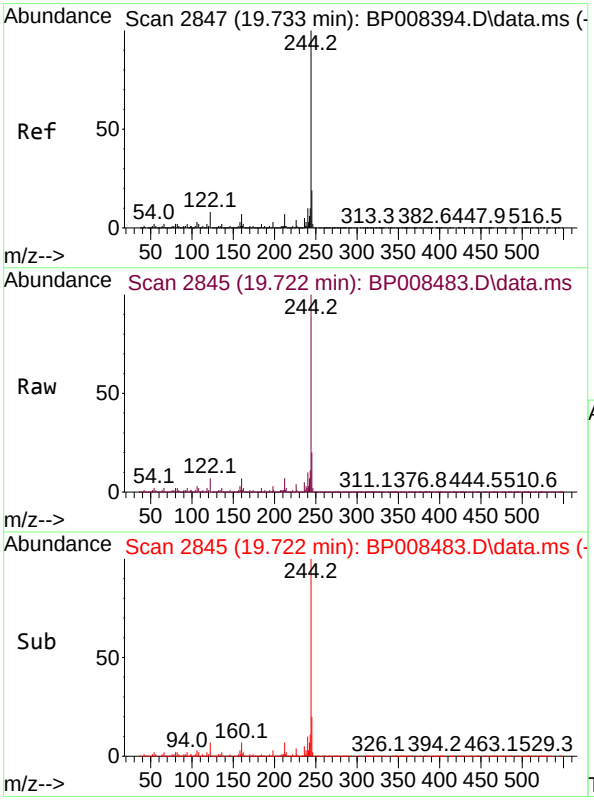
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:240 Resp: 344224

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.3	10.9
236	25.9	21.4	32.2

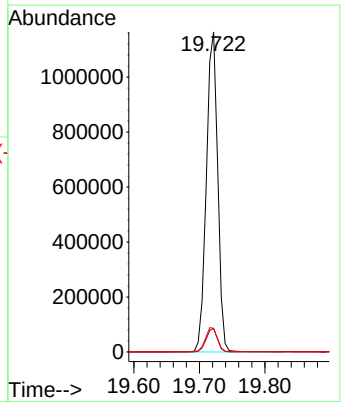


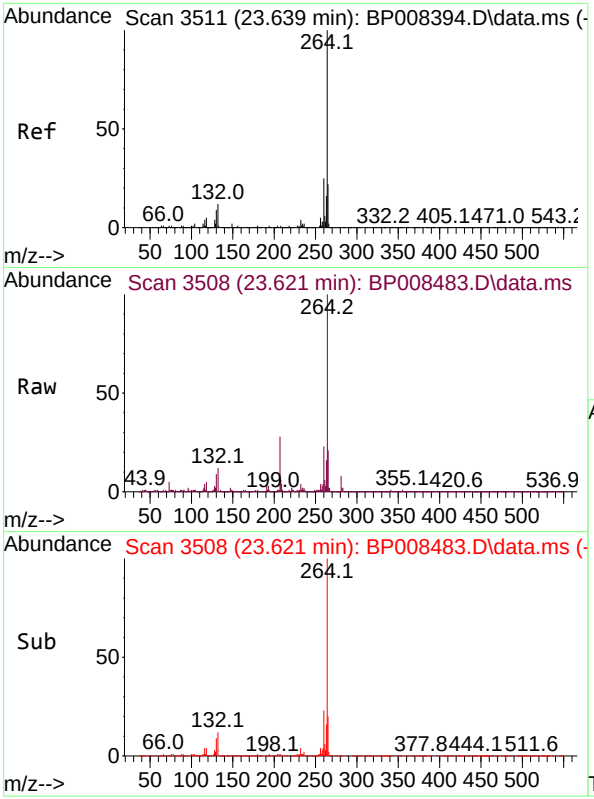


#79
Terphenyl-d14
Concen: 70.975 ng
RT: 19.722 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Tgt Ion:244 Resp: 1403793

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.4	6.6	9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

Instrument :
BNA_P
ClientSampleId :
MW-28

Tgt Ion:264 Resp: 375397

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.3	17.6	26.4