Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021508.D
Acq On : 15 Aug 2024 10:34
Operator : RC/JU
Sample : PB162553BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Quant Time: Aug 15 11:00:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	316044	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	1257383	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	834448	20.000	ng	-0.02
64) Phenanthrene-d10	17.245	188	1778741	20.000	ng	0.00
76) Chrysene-d12	21.692	240	1519987	20.000	ng	0.00
86) Perylene-d12	25.092	264	1612619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3125147	146.828	ng	0.00
7) Phenol-d6	6.963	99	4293590	138.284	ng	0.00
23) Nitrobenzene-d5	8.951	82	2554464	104.860	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1197011	128.890	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4991005	91.283	ng	0.00
79) Terphenyl-d14	19.968	244	7951893	101.635	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.693	139	15	Below Cal	#	1
32) Benzoic acid	9.875	122	73	3.330	ng	# 1
48) 2-Nitroaniline	13.504	65	148	5.158	ng	# 54
51) 2,6-Dinitrotoluene	13.998	165	34	3.988	ng	# 1
53) 3-Nitroaniline	14.357	138	22	3.971	ng	# 14
54) 2,4-Dinitrophenol	14.528	184	22	2.441	ng	# 1
56) 4-Nitrophenol	14.628	139	18	5.080	ng	# 1
57) 2,4-Dinitrotoluene	14.798	165	81	5.027	ng	# 41
62) 4-Nitroaniline	15.498	138	19	2.936	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.569	198	25	4.612	ng	# 1
77) Benzidine	19.574	184	312	4.579	ng	# 87
80) Butylbenzylphthalate	20.451	149	344	3.611	ng	87
85) Di-n-octyl phthalate	22.945	149	268	4.839	ng	# 51

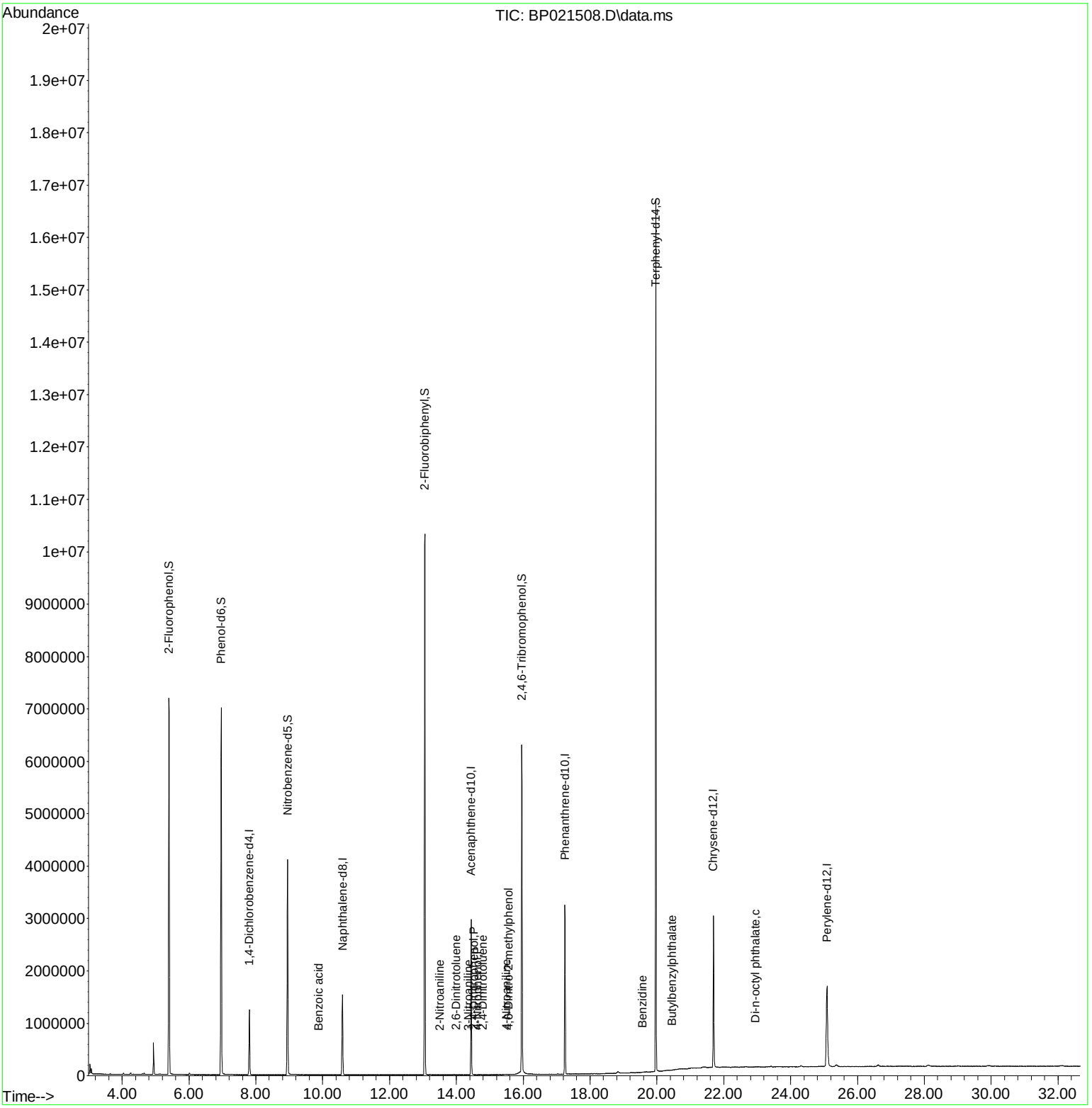
(#) = qualifier out of range (m) = manual integration (+) = signals summed

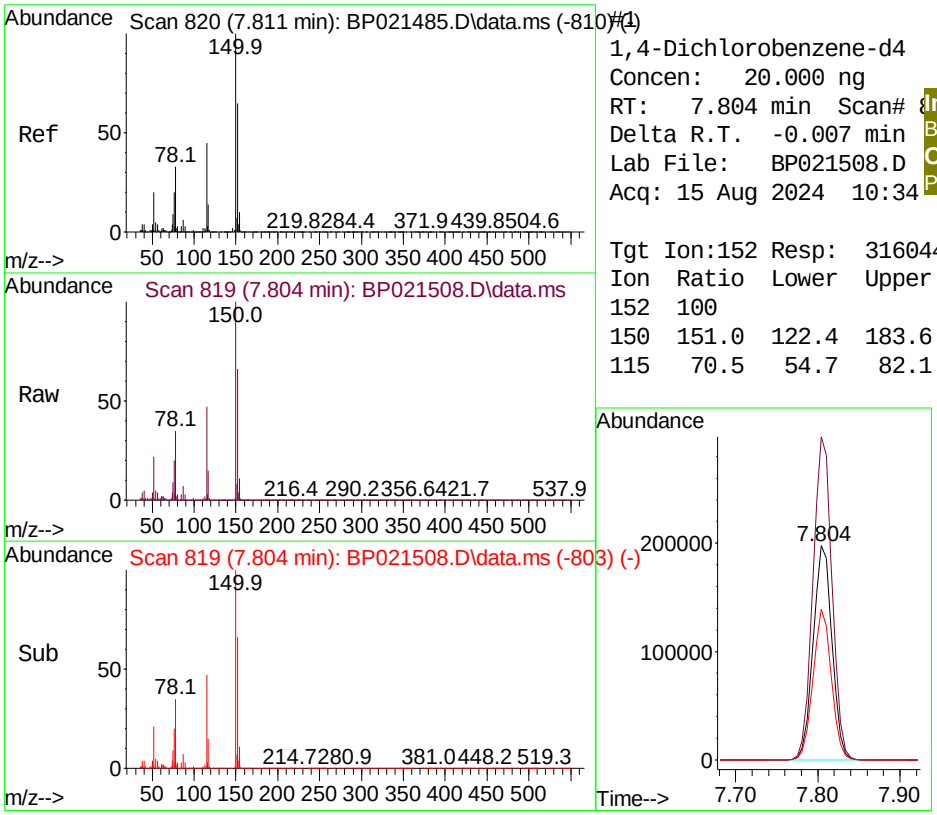
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021508.D
Acq On : 15 Aug 2024 10:34
Operator : RC/JU
Sample : PB162553BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Quant Time: Aug 15 11:00:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration



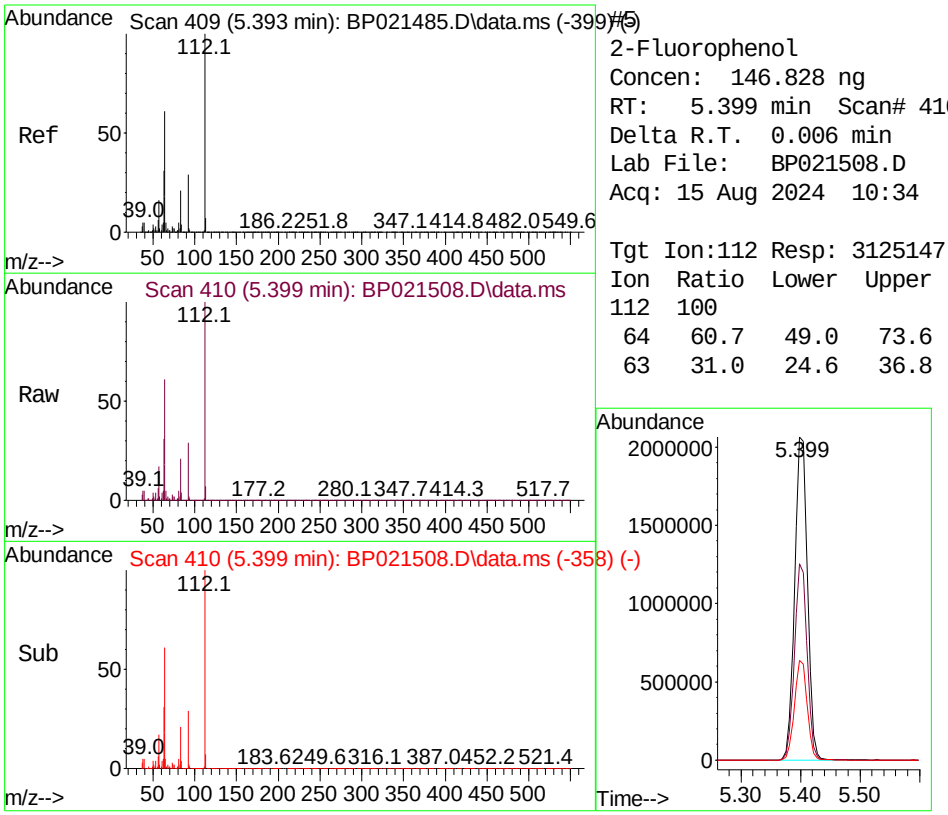


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 8
Delta R.T. -0.007 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:152 Resp: 316044

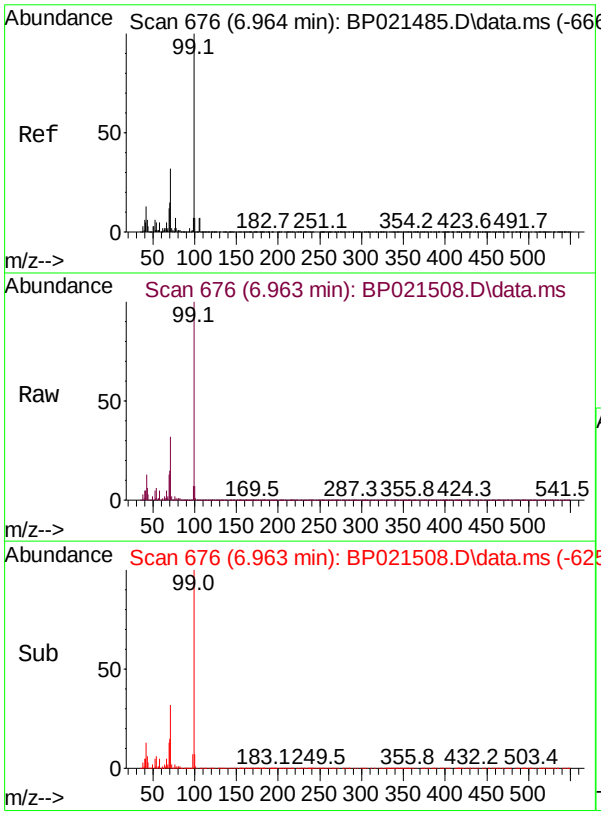
Ion	Ratio	Lower	Upper
152	100		
150	151.0	122.4	183.6
115	70.5	54.7	82.1



#5
2-Fluorophenol
Concen: 146.828 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:112 Resp: 3125147

Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.0	73.6
63	31.0	24.6	36.8

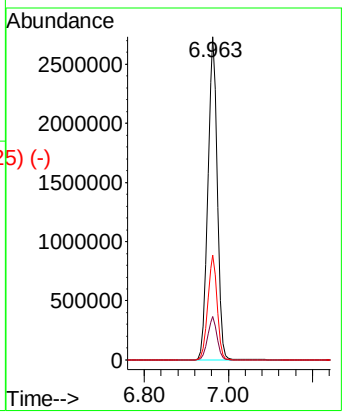


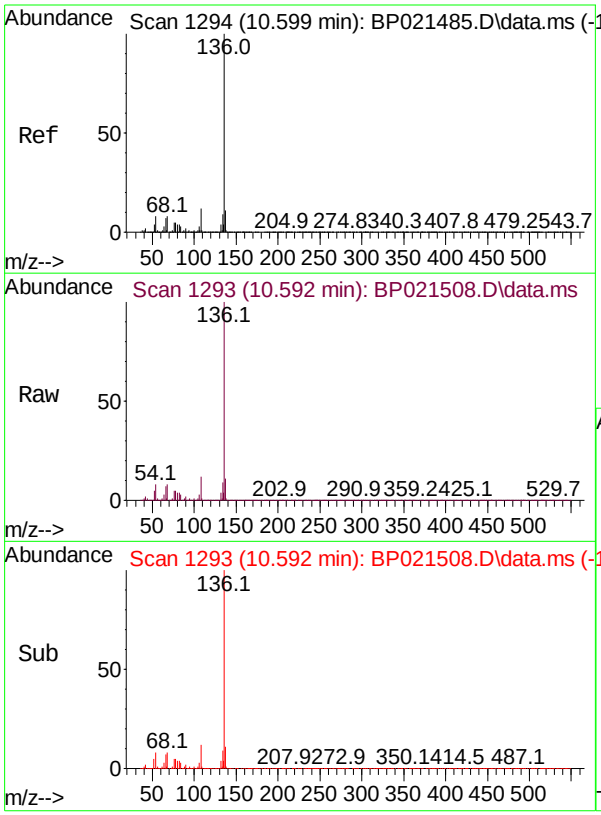
#(7)
Phenol-d6
Concen: 138.284 ng
RT: 6.963 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion: 99 Resp: 4293590

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.2	15.4
71	32.5	25.8	38.8

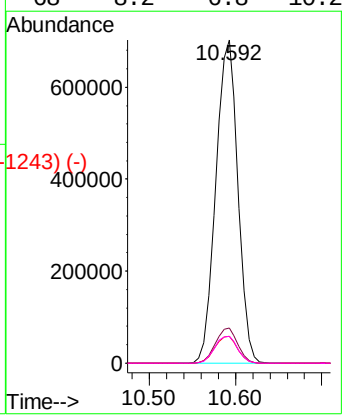


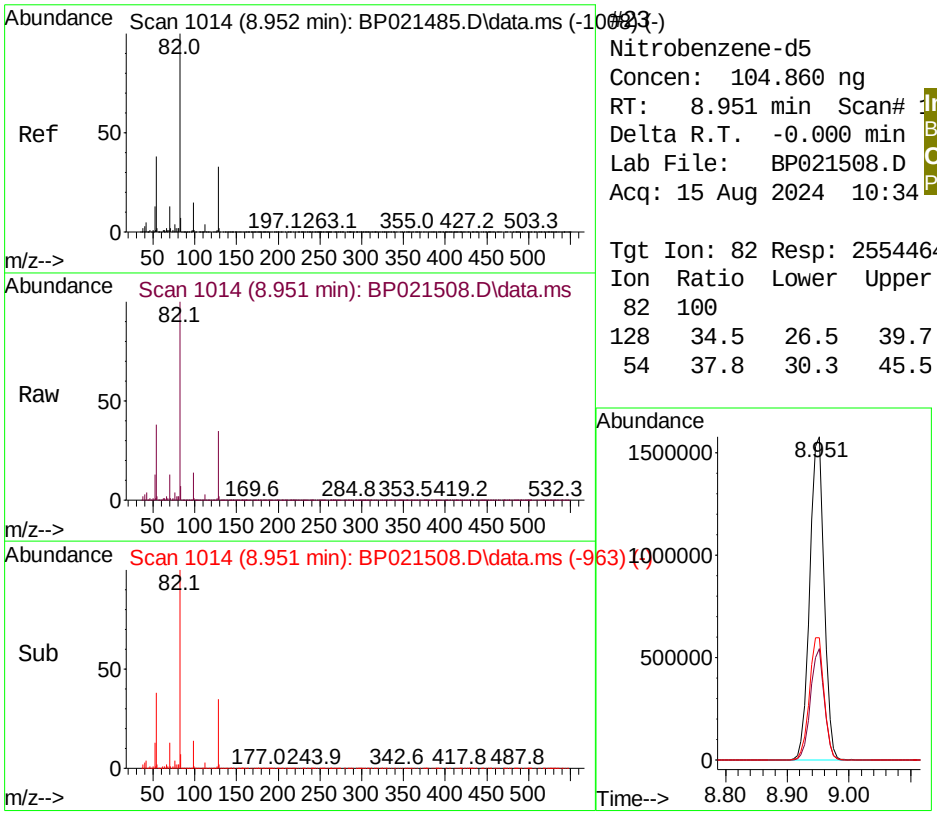


#(21)
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.007 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:136 Resp: 1257383

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.3	6.3	9.5
68	8.2	6.8	10.2



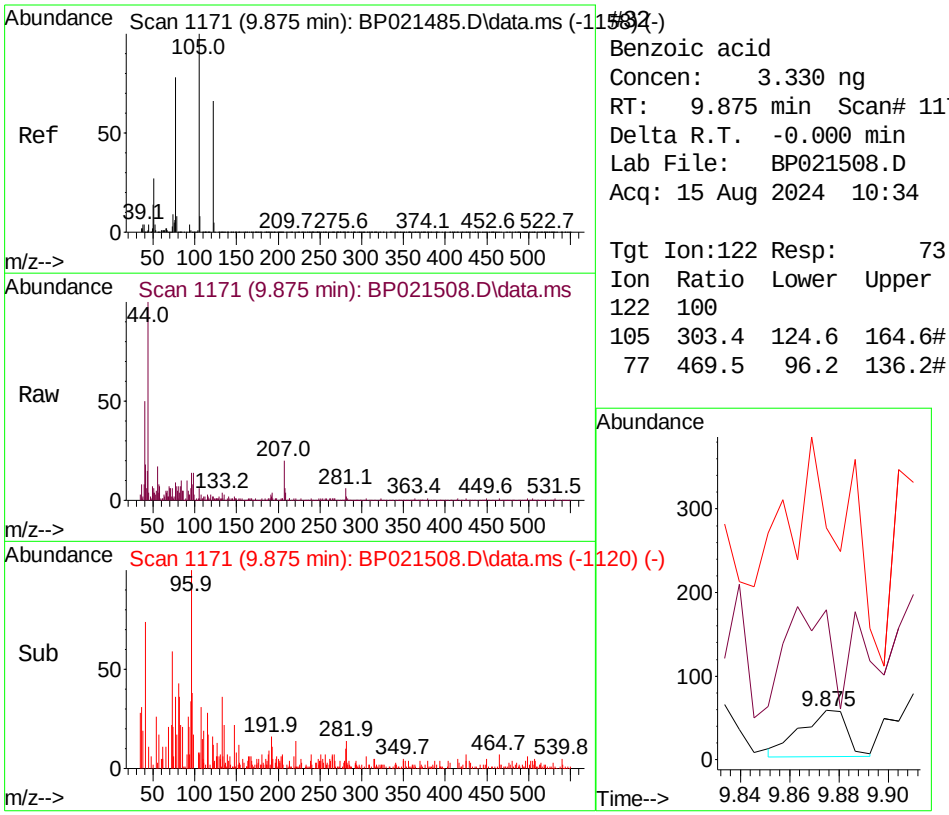


#23
Nitrobenzene-d5
Concen: 104.860 ng
RT: 8.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion: 82 Resp: 2554464

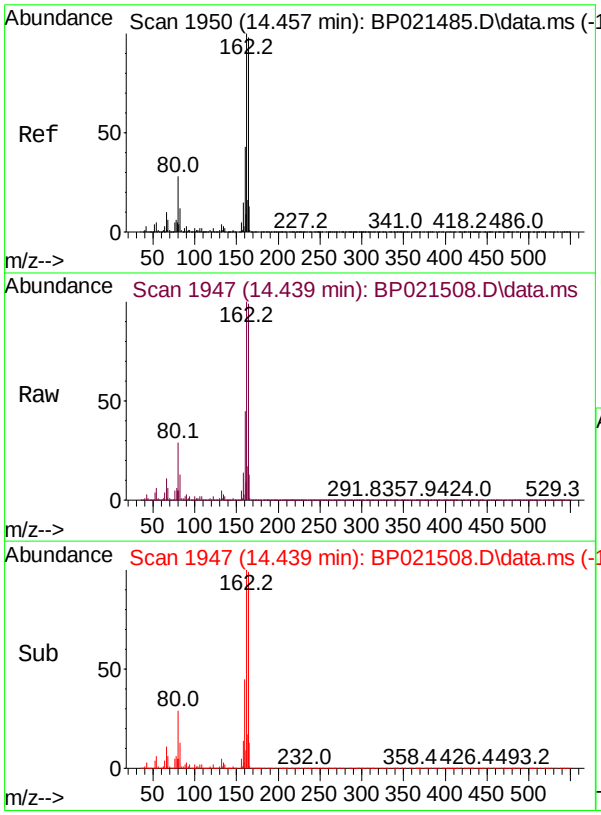
Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.5	39.7
54	37.8	30.3	45.5



#32
Benzoic acid
Concen: 3.330 ng
RT: 9.875 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	303.4	124.6	164.6#
77	469.5	96.2	136.2#

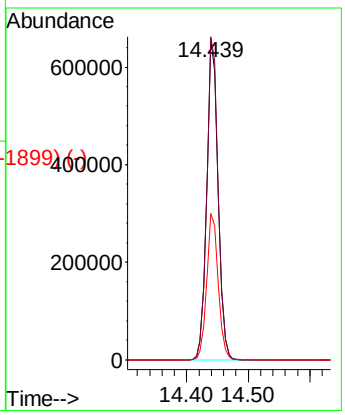


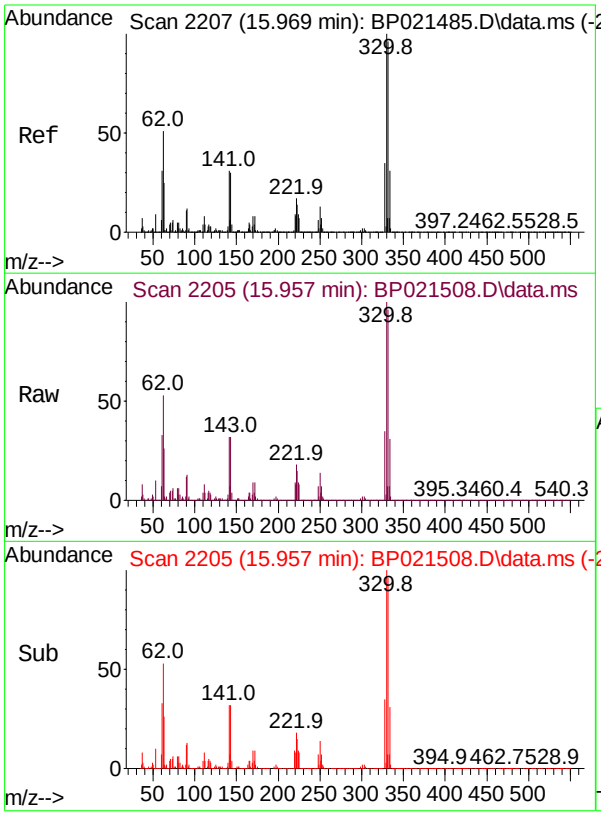
#89
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:164 Resp: 834448

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.5	122.3
160	45.6	35.2	52.8

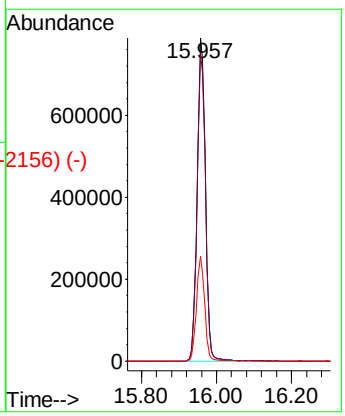


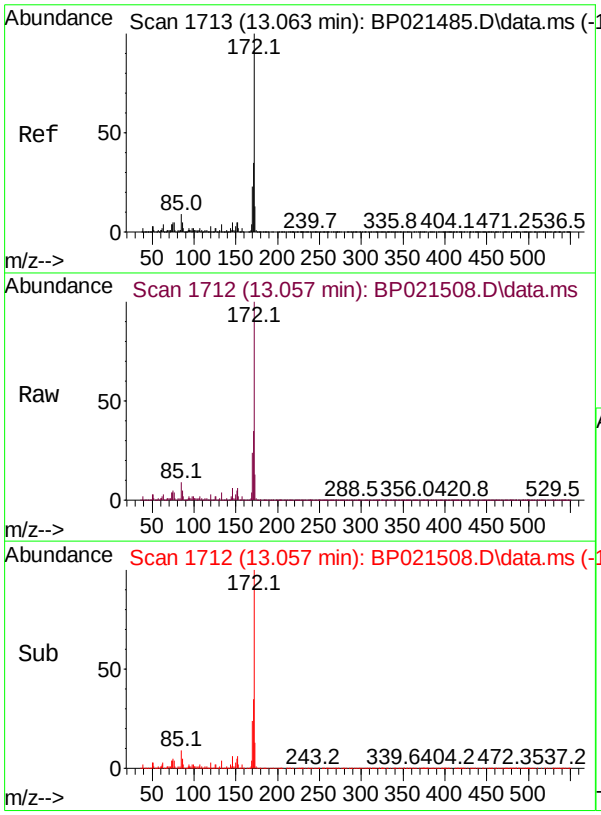


#92
2,4,6-Tribromophenol
Concen: 128.890 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:330 Resp: 1197011

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	32.0	24.5	36.7



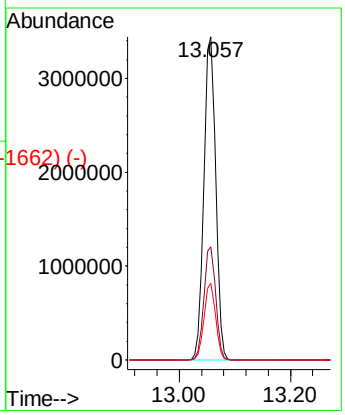


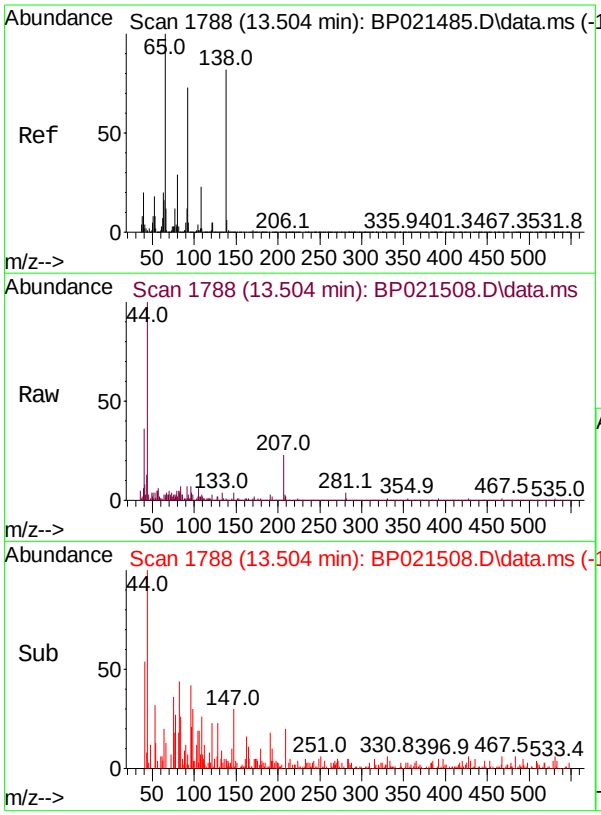
#45
2-Fluorobiphenyl
Concen: 91.283 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:172 Resp: 4991005

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.8	18.4	27.6

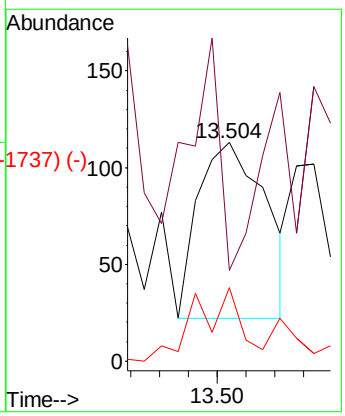


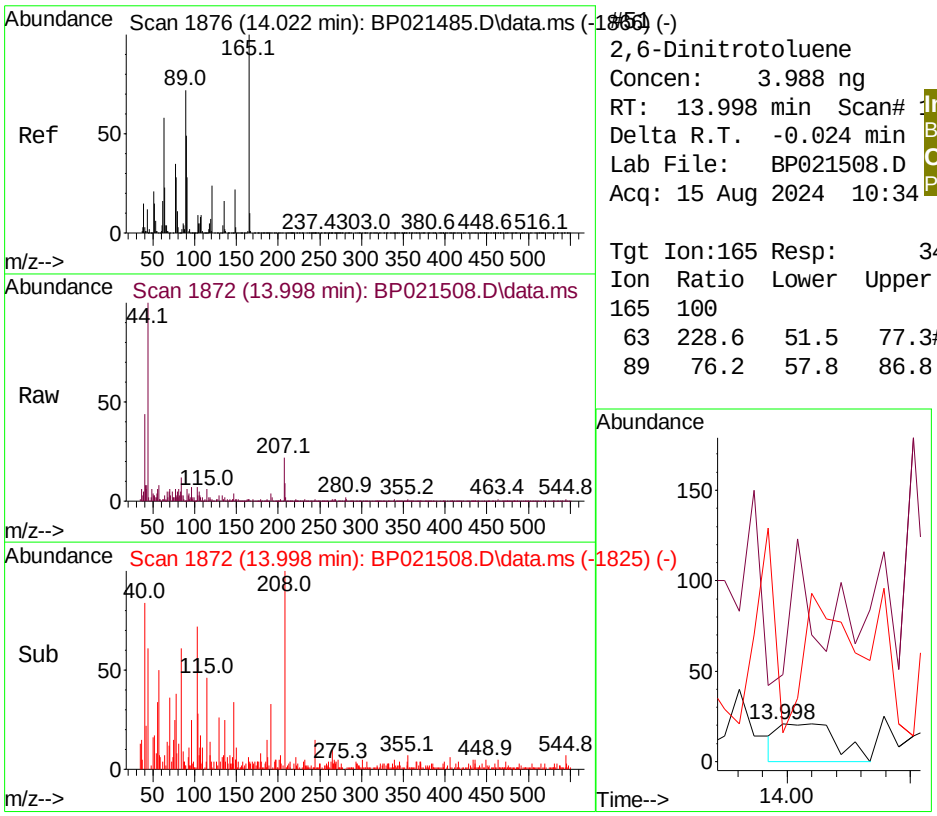


#48
2-Nitroaniline
Concen: 5.158 ng
RT: 13.504 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion: 65 Resp: 148

Ion	Ratio	Lower	Upper
65	100		
92	41.6	58.1	87.1#
138	33.6	65.5	98.3#



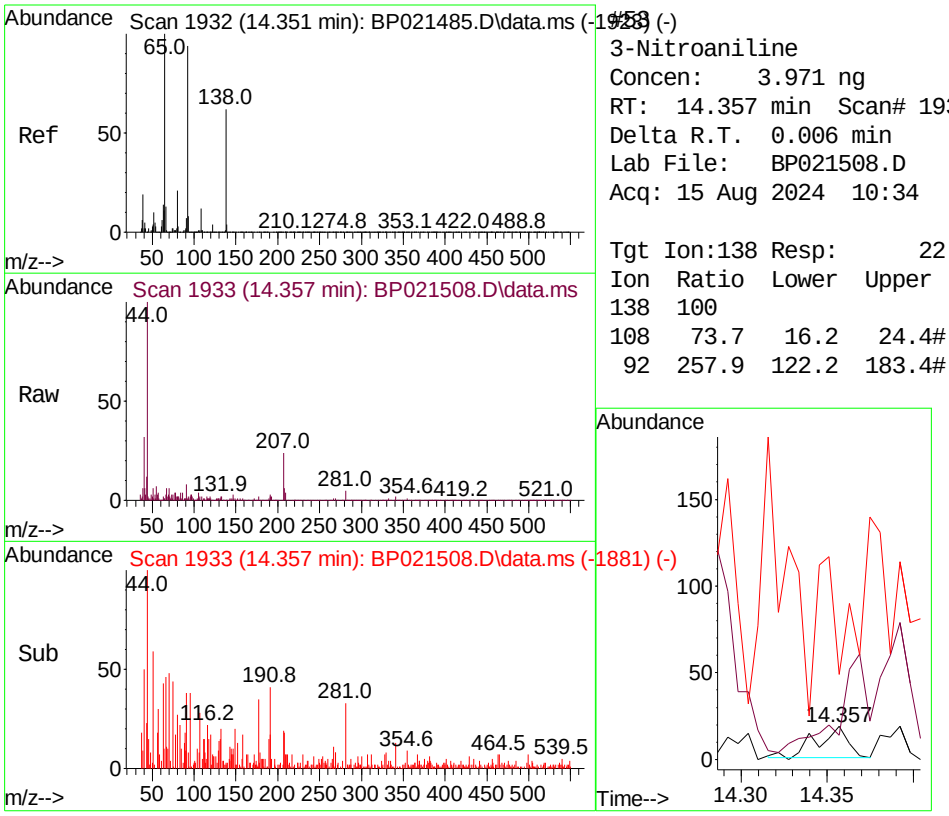


#51
2,6-Dinitrotoluene
Concen: 3.988 ng
RT: 13.998 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:165 Resp: 34

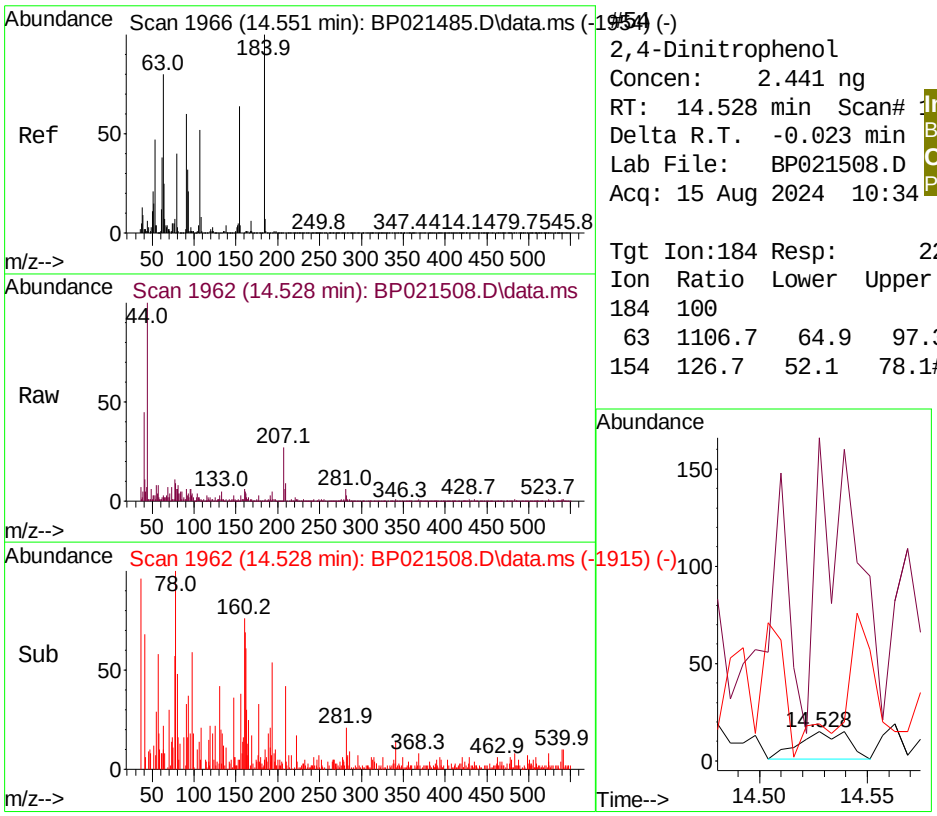
Ion	Ratio	Lower	Upper
165	100		
63	228.6	51.5	77.3#
89	76.2	57.8	86.8



#53
3-Nitroaniline
Concen: 3.971 ng
RT: 14.357 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:138 Resp: 22

Ion	Ratio	Lower	Upper
138	100		
108	73.7	16.2	24.4#
92	257.9	122.2	183.4#

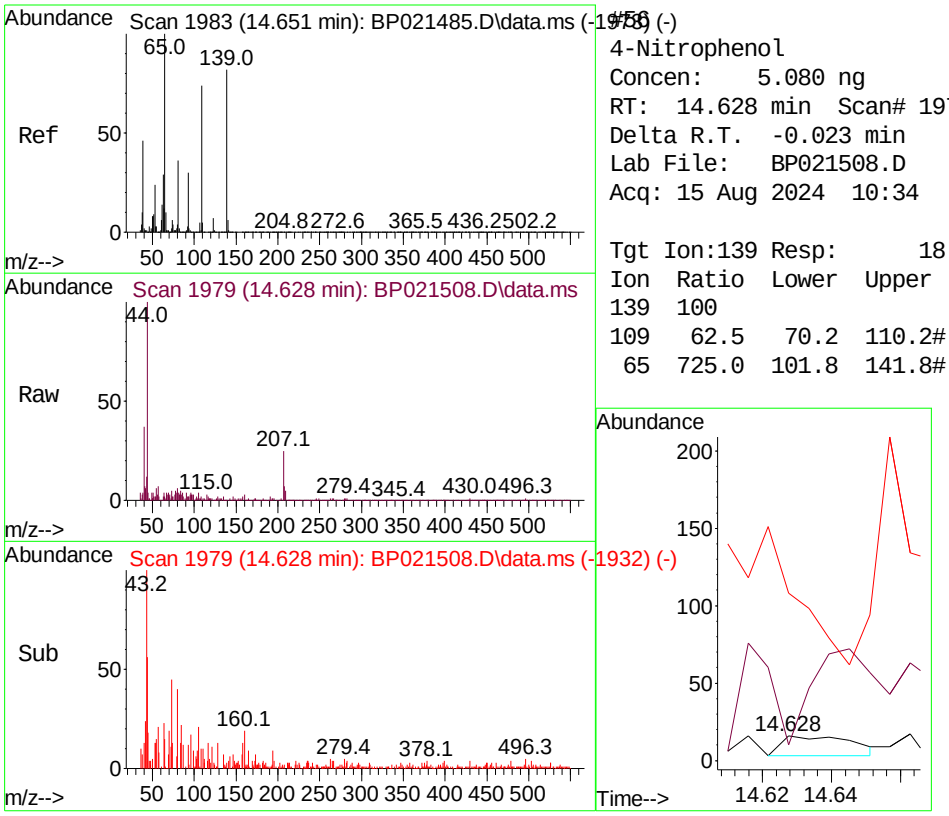


#54
2,4-Dinitrophenol
Concen: 2.441 ng
RT: 14.528 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:184 Resp: 22

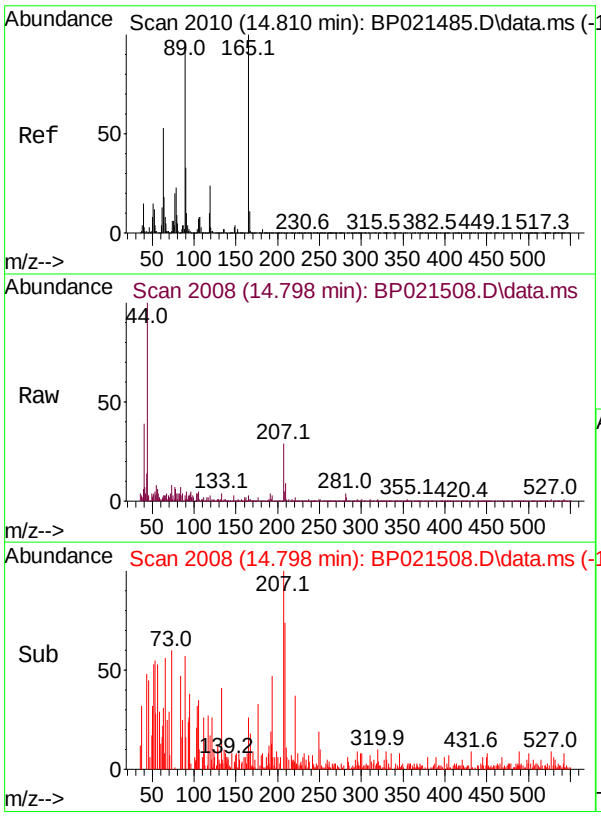
Ion	Ratio	Lower	Upper
184	100		
63	1106.7	64.9	97.3#
154	126.7	52.1	78.1#



#56
4-Nitrophenol
Concen: 5.080 ng
RT: 14.628 min Scan# 1979
Delta R.T. -0.023 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:139 Resp: 18

Ion	Ratio	Lower	Upper
139	100		
109	62.5	70.2	110.2#
65	725.0	101.8	141.8#

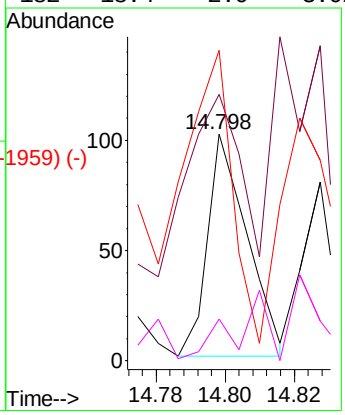


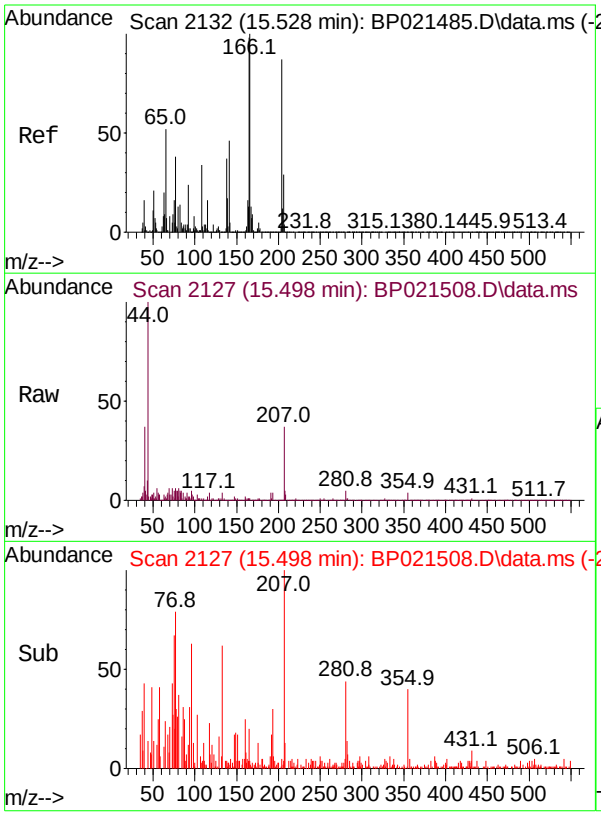
#57
2,4-Dinitrotoluene
Concen: 5.027 ng
RT: 14.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:165 Resp: 81

Ion	Ratio	Lower	Upper
165	100		
63	117.5	42.5	63.7#
89	136.9	77.1	115.7#
182	18.4	2.0	3.0#

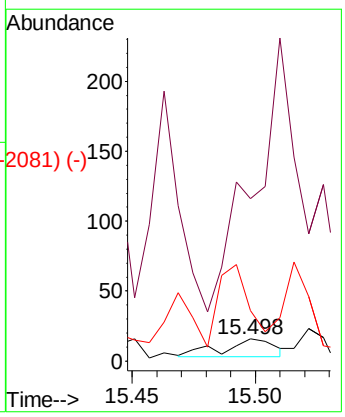


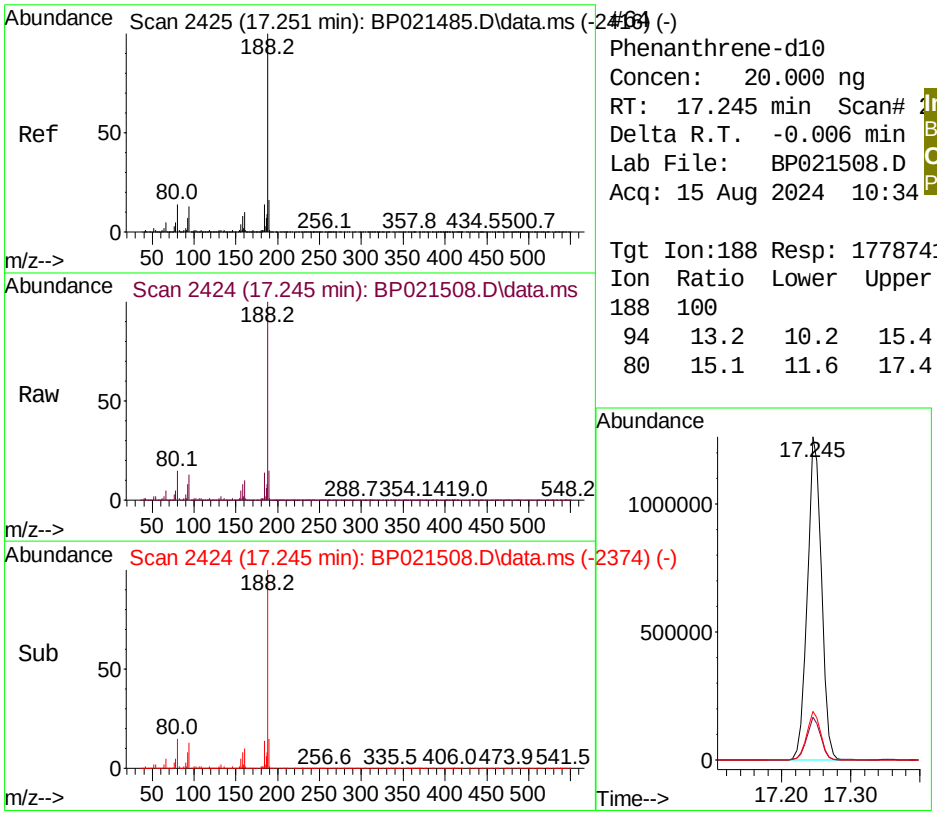


#62
4-Nitroaniline
Concen: 2.936 ng
RT: 15.498 min Scan# 2127
Delta R.T. -0.030 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:138 Resp: 19

Ion	Ratio	Lower	Upper
138	100		
92	725.0	46.4	86.4#
108	225.0	73.2	113.2#



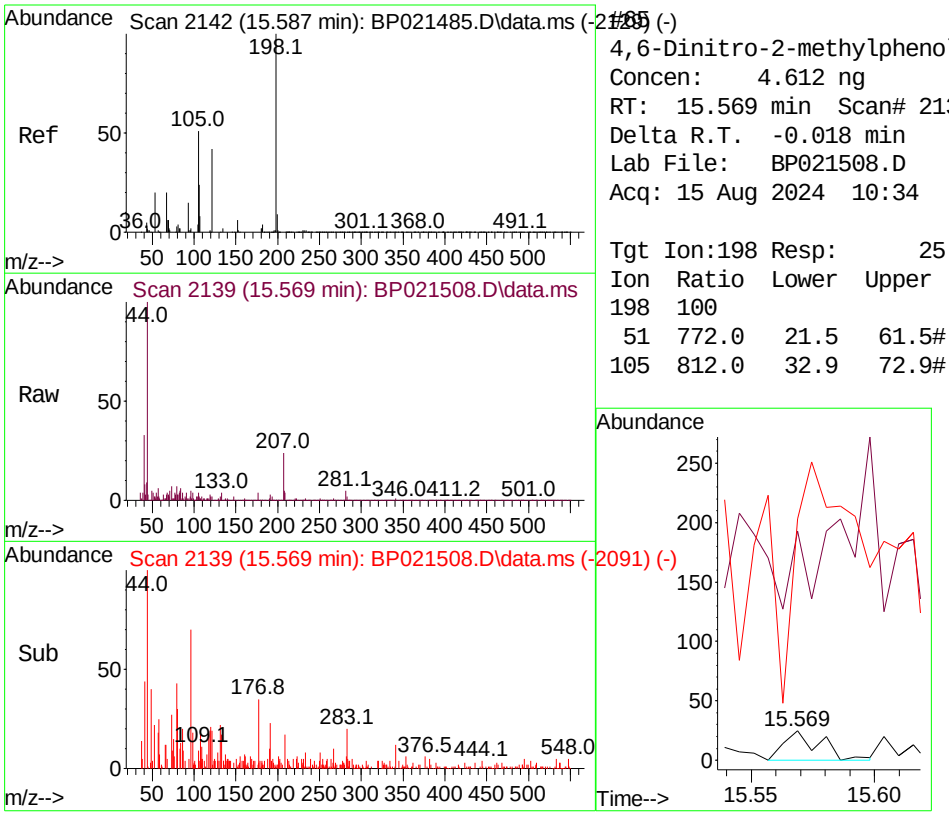


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.245 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:188 Resp: 1778741

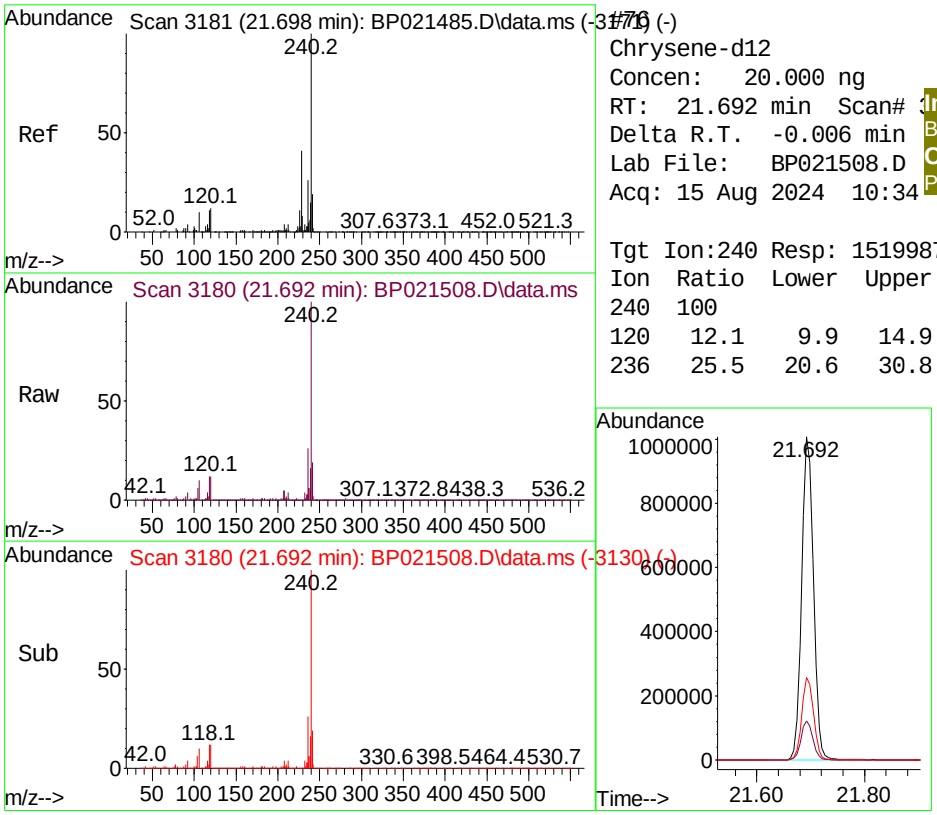
Ion	Ratio	Lower	Upper
188	100		
94	13.2	10.2	15.4
80	15.1	11.6	17.4



#85
4,6-Dinitro-2-methylphenol
Concen: 4.612 ng
RT: 15.569 min Scan# 2139
Delta R.T. -0.018 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:198 Resp: 25

Ion	Ratio	Lower	Upper
198	100		
51	772.0	21.5	61.5#
105	812.0	32.9	72.9#

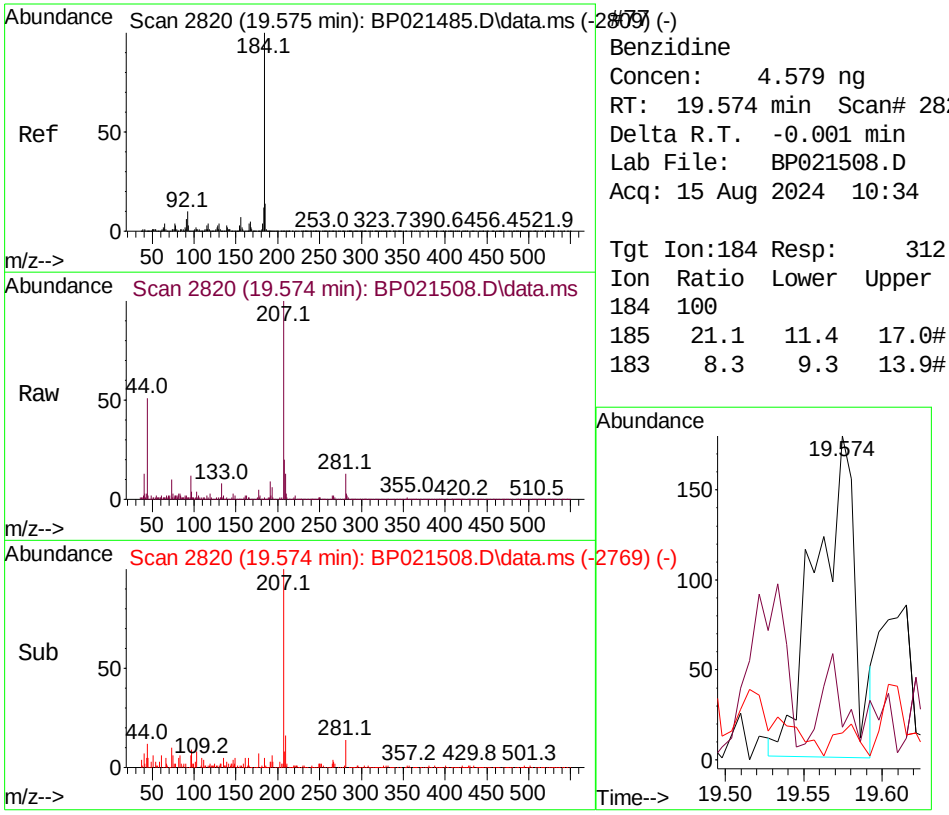


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:240 Resp: 1519987

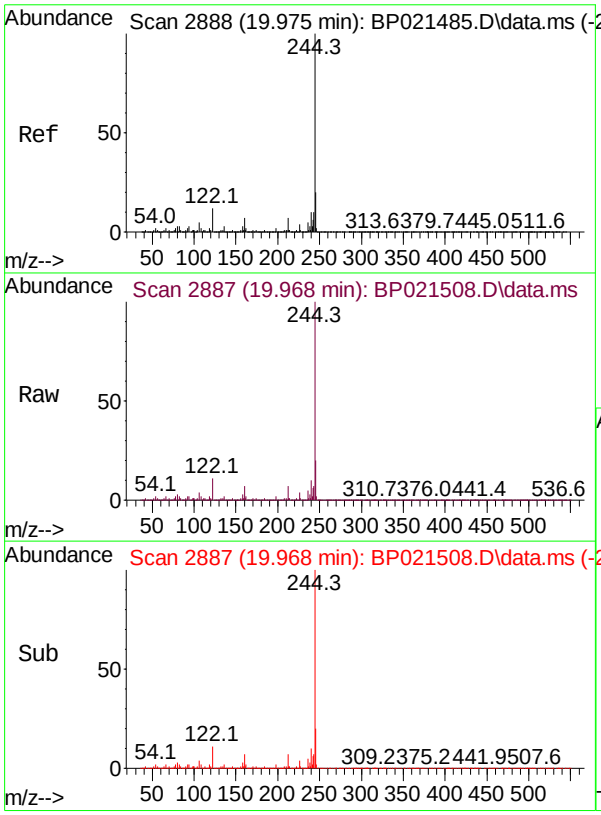
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.9	14.9
236	25.5	20.6	30.8



#77
Benzidine
Concen: 4.579 ng
RT: 19.574 min Scan# 2820
Delta R.T. -0.001 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:184 Resp: 312

Ion	Ratio	Lower	Upper
184	100		
185	21.1	11.4	17.0#
183	8.3	9.3	13.9#

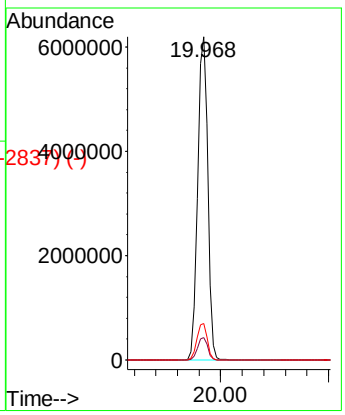


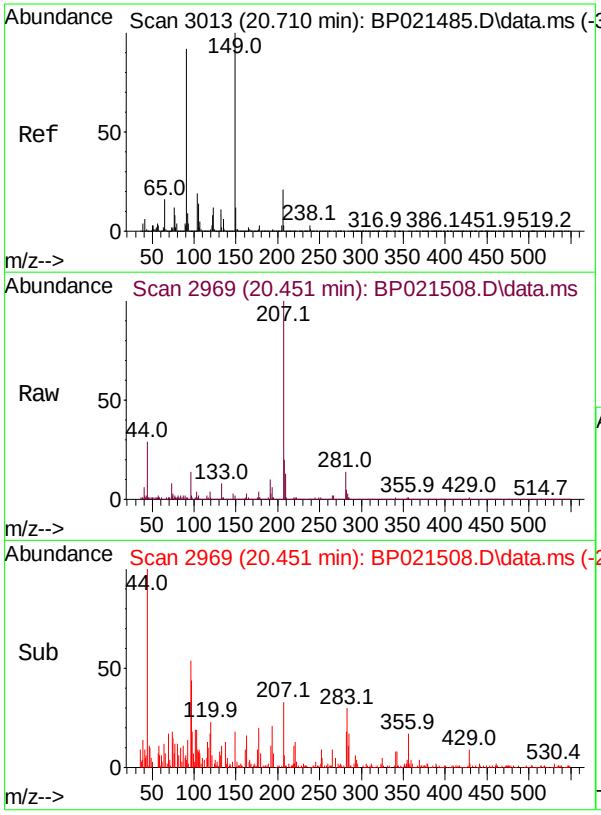
#79
Terphenyl-d14
Concen: 101.635 ng
RT: 19.968 min Scan# 2
Delta R.T. -0.007 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:244 Resp: 7951893

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.2	9.4	14.2

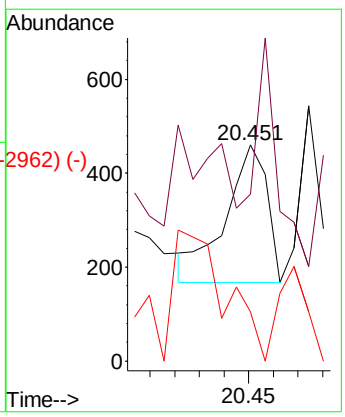


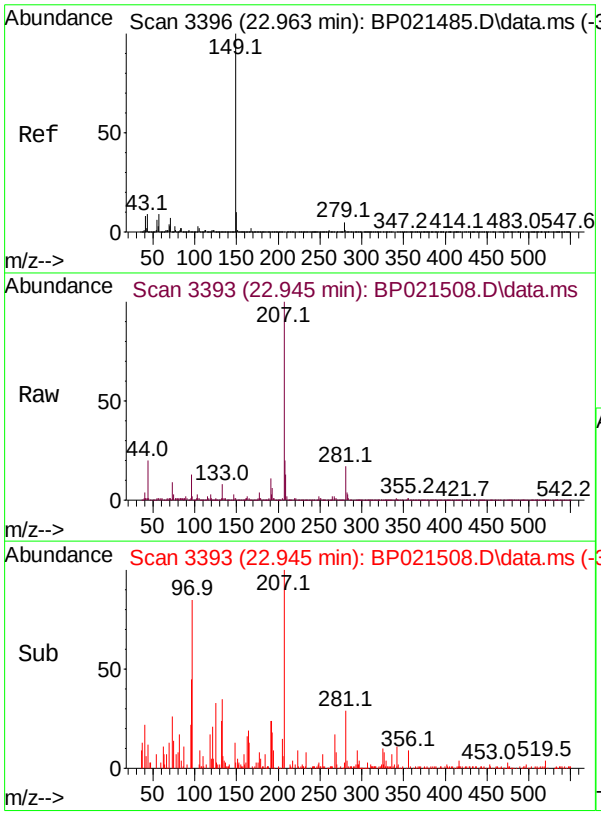


#80
Butylbenzylphthalate
Concen: 3.611 ng
RT: 20.451 min Scan# 2969
Delta R.T. -0.259 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:149 Resp: 344

Ion	Ratio	Lower	Upper
149	100		
91	77.2	73.3	109.9
206	22.8	17.1	25.7



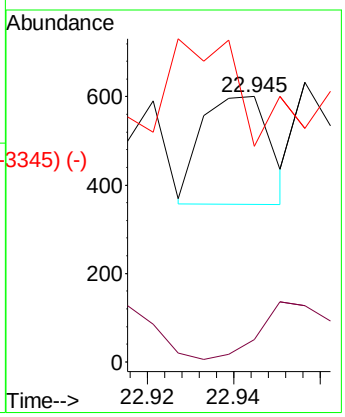


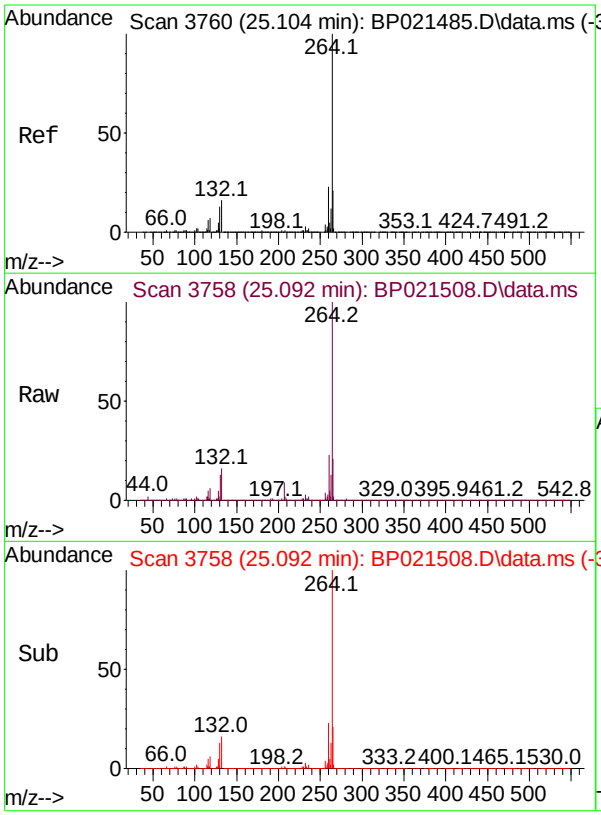
#85
Di-n-octyl phthalate
Concen: 4.839 ng
RT: 22.945 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Instrument :
BNA_P
ClientSampleId :
PB162553BL

Tgt Ion:149 Resp: 268

Ion	Ratio	Lower	Upper
149	100		
167	69.4	1.3	1.9#
43	0.0	7.3	10.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.092 min Scan# 3758
Delta R.T. -0.012 min
Lab File: BP021508.D
Acq: 15 Aug 2024 10:34

Tgt Ion:264 Resp: 1612619

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.4	17.1	25.7