Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
Data File : BP003641.D
Acq On : 16 Oct 2020 14:30
Operator : CG/JU
Sample : L4375-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S3

Quant Time: Oct 16 15:00:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 12:46:19 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	125201	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	458515	20.00	ng	# 0.00
39) Acenaphthene-d10	15.134	164	306716	20.00	ng	-0.02
64) Phenanthrene-d10	17.851	188	632619	20.00	ng	-0.01
76) Chrysene-d12	21.857	240	619602	20.00	ng	#-0.02
86) Perylene-d12	24.427	264	531611	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	865136	118.79	ng	0.00
7) Phenol-d6	7.687	99	1143395	107.78	ng	0.00
23) Nitrobenzene-d5	9.705	82	836626	84.60	ng	0.00
42) 2,4,6-Tribromophenol	16.604	330	531349	129.94	ng	-0.01
45) 2-Fluorobiphenyl	13.769	172	1818398	77.78	ng	0.00
79) Terphenyl-d14	20.316	244	2506507	73.19	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.640	77	1307	Below Cal	#	41
32) Benzoic acid	10.581	122	484	6.54	ng	95
48) 2-Nitroaniline	14.234	65	13546	6.39	ng	# 1
50) Dimethylphthalate	14.551	163	290677	11.54	ng	98
54) 2,4-Dinitrophenol	15.198	184	88	2.17	ng	# 1
57) 2,4-Dinitrotoluene	15.463	165	733	3.66	ng	# 64
65) 4,6-Dinitro-2-methylph...	16.216	198	97	7.40	ng	# 1

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

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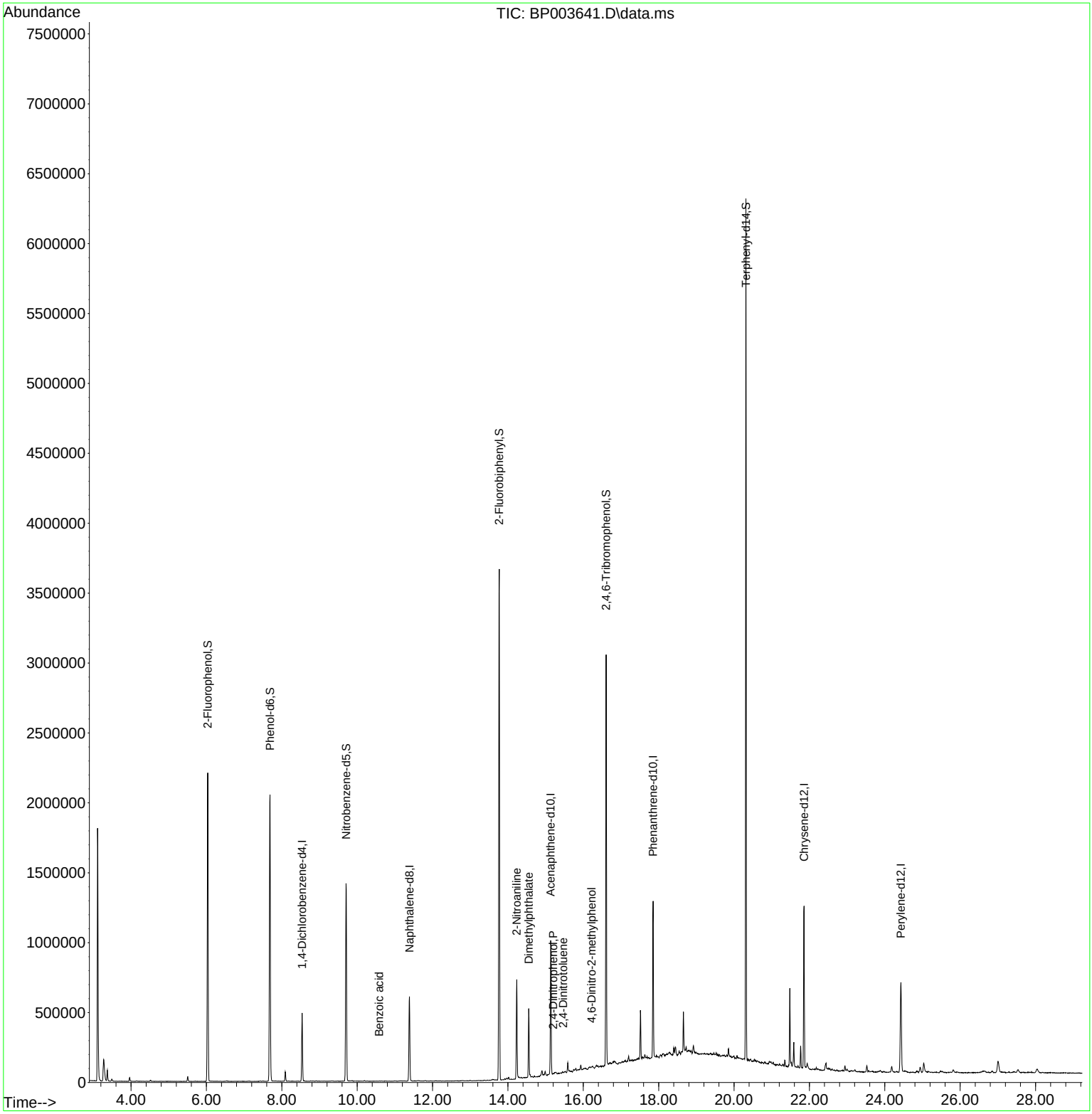

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BNA_P
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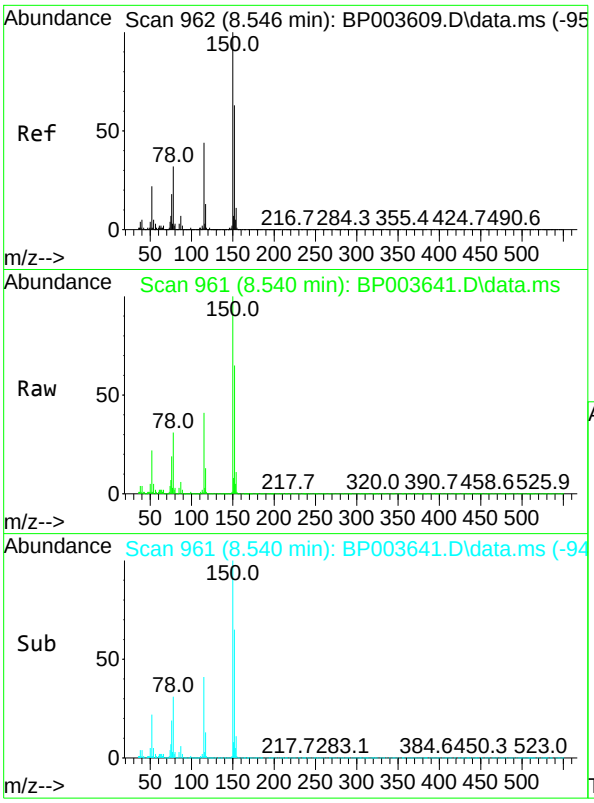
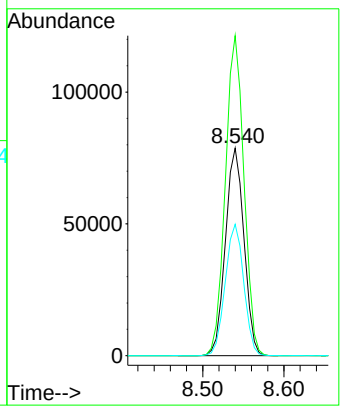
S3

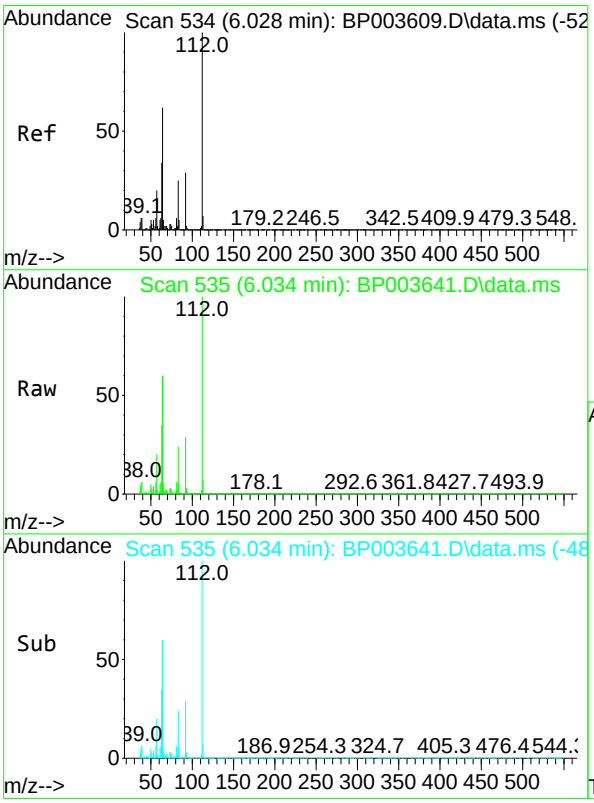


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:152 Resp: 125201

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	63.3	43.8	65.6

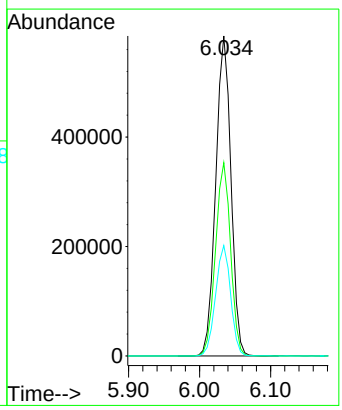


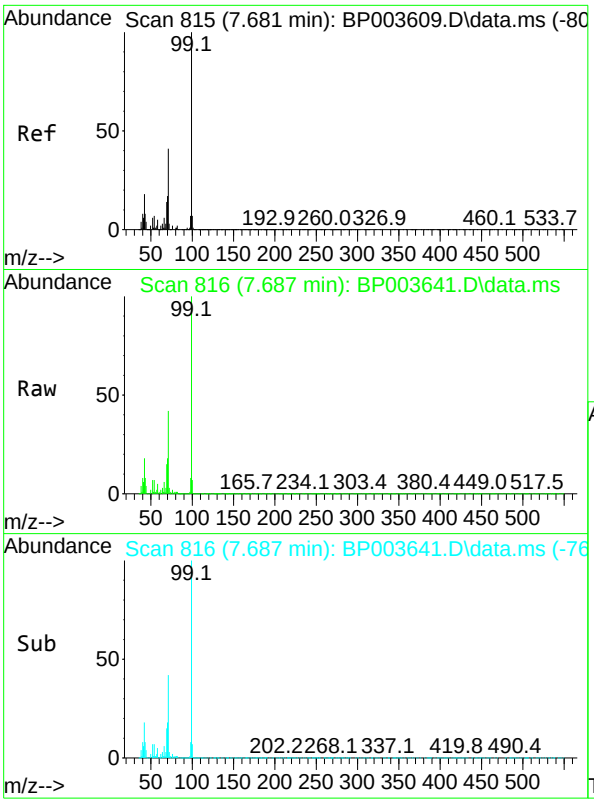


#5
2-Fluorophenol
Concen: 118.79 ng
RT: 6.034 min Scan# 535
Delta R.T. 0.006 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:112 Resp: 865136

Ion	Ratio	Lower	Upper
112	100		
64	60.4	32.8	49.2#
63	34.5	17.0	25.4#

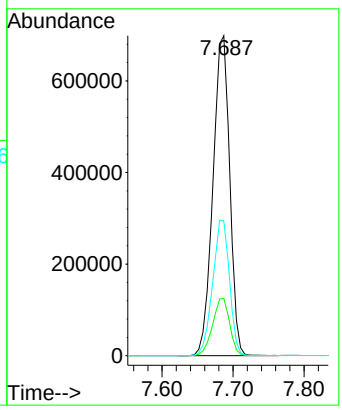




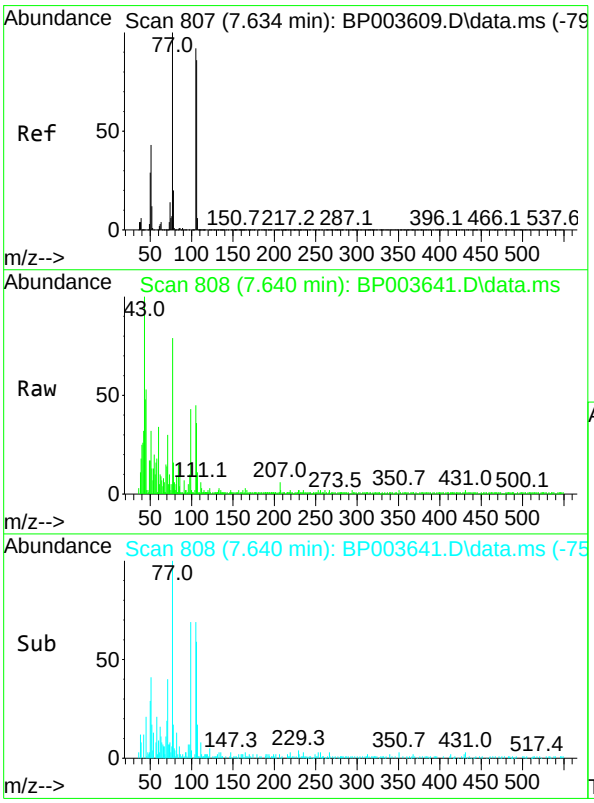
#7
Phenol-d6
Concen: 107.78 ng
RT: 7.687 min Scan# 816
Delta R.T. 0.006 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion: 99 Resp: 1143395

Ion	Ratio	Lower	Upper
99	100		
42	17.9	8.6	13.0#
71	42.1	23.4	35.2#



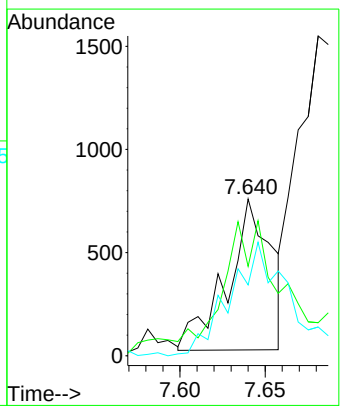
Instrument :
BNA_P
ClientSampleId :
S3



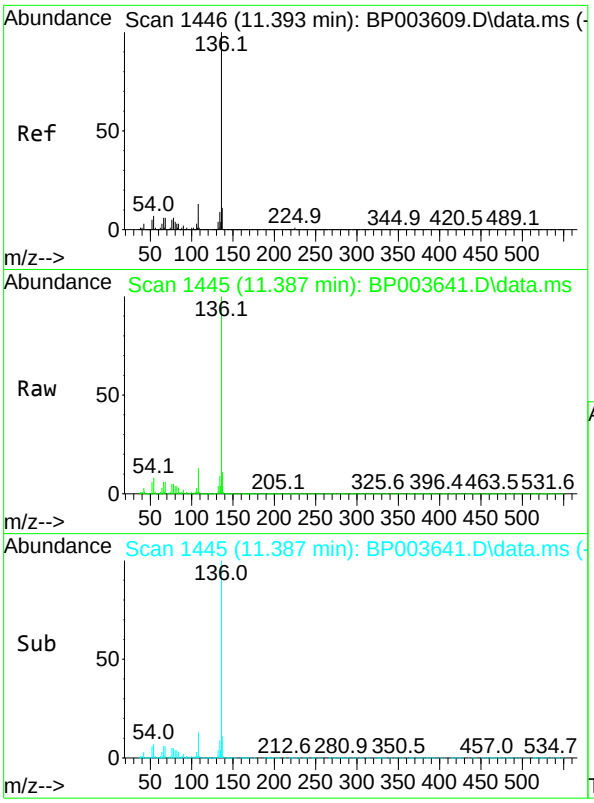
#9
Benzaldehyde
Concen: Below Cal
RT: 7.640 min Scan# 808
Delta R.T. 0.006 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion: 77 Resp: 1307

Ion	Ratio	Lower	Upper
77	100		
105	57.1	97.1	137.1#
106	45.3	93.7	133.7#



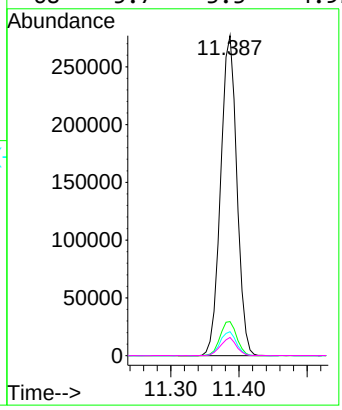
Instrument :
BNA_P
ClientSampleId :
S3

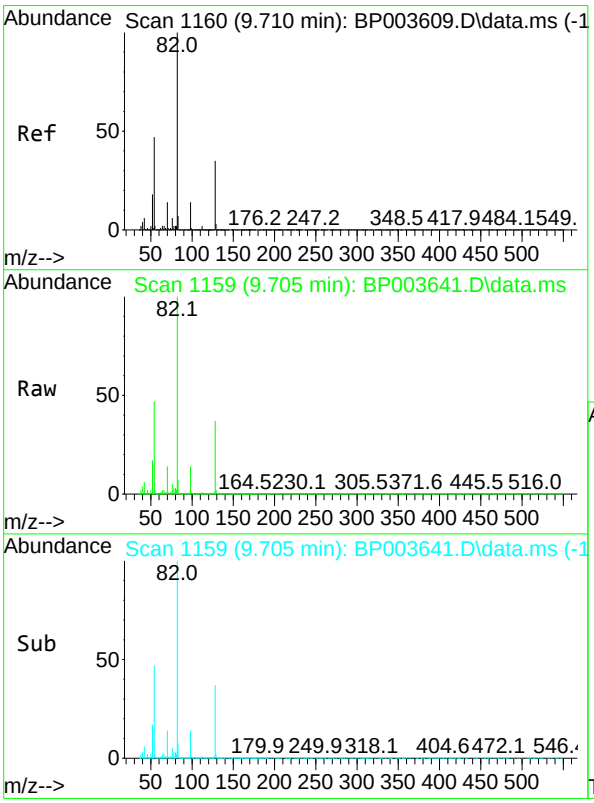


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:136 Resp: 458515

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.5	3.6	5.4#
68	5.7	3.3	4.9#

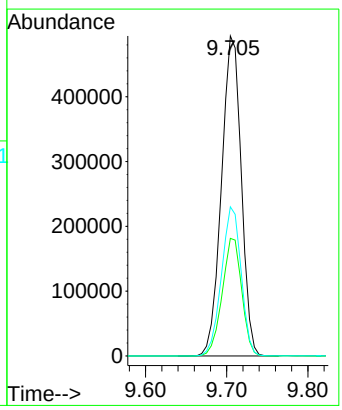




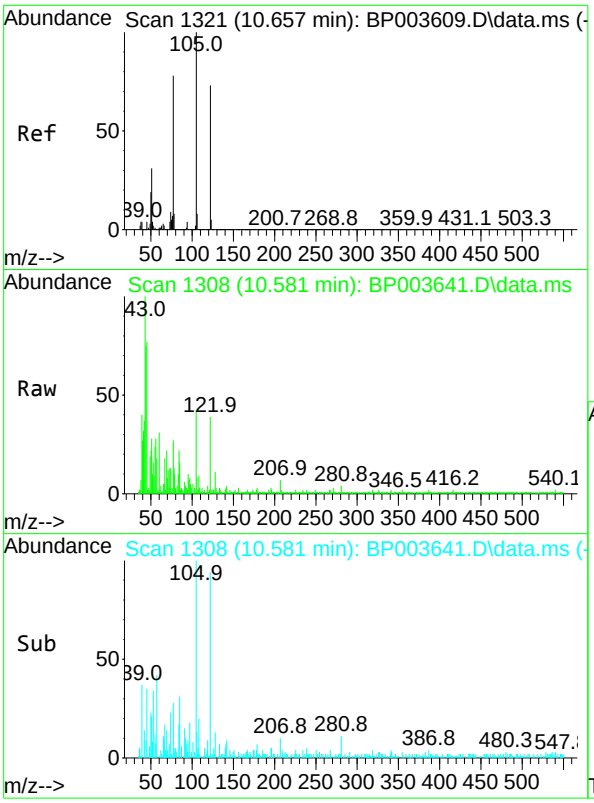
#23
Nitrobenzene-d5
Concen: 84.60 ng
RT: 9.705 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion: 82 Resp: 836626

Ion	Ratio	Lower	Upper
82	100		
128	36.8	45.6	68.4#
54	46.6	30.1	45.1#



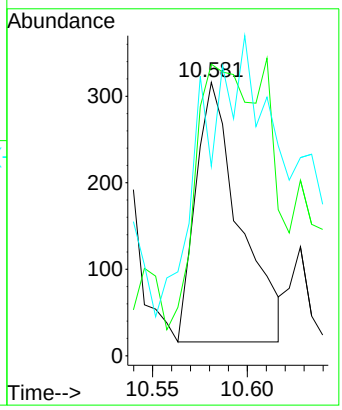
Instrument :
BNA_P
ClientSampleId :
S3

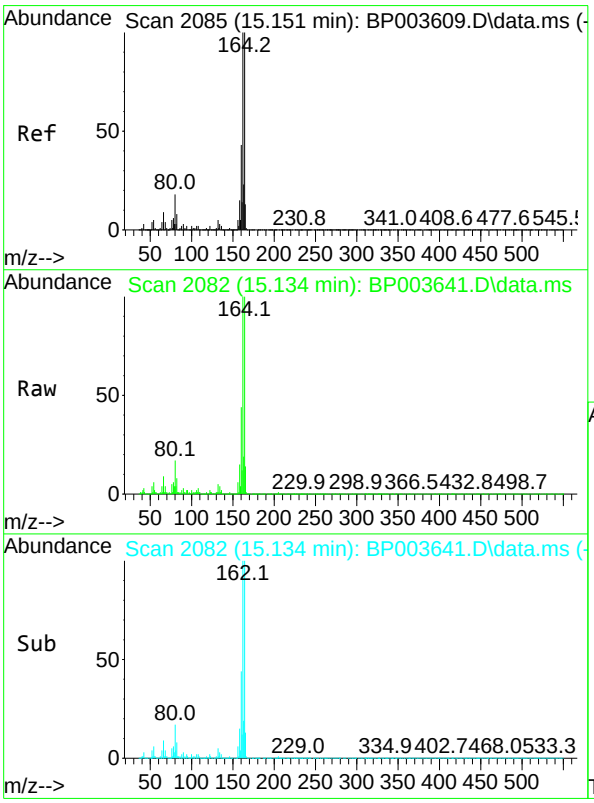


#32
Benzoic acid
Concen: 6.54 ng
RT: 10.581 min Scan# 1308
Delta R.T. -0.076 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:122 Resp: 484

Ion	Ratio	Lower	Upper
122	100		
105	106.6	94.1	134.1
77	69.3	50.1	90.1

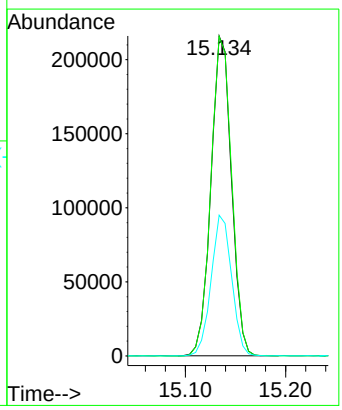


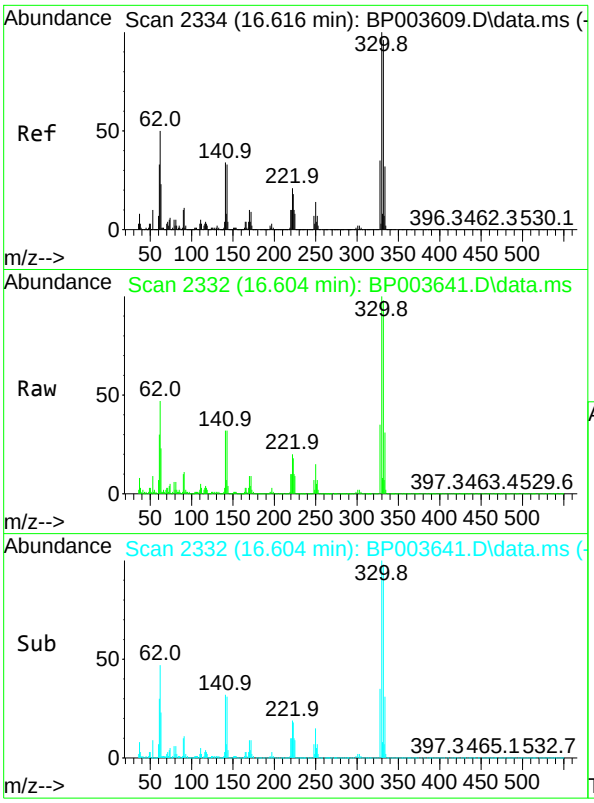


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.134 min Scan# 2082
Delta R.T. -0.017 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:164 Resp: 306716

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.4	119.2
160	44.0	36.1	54.1

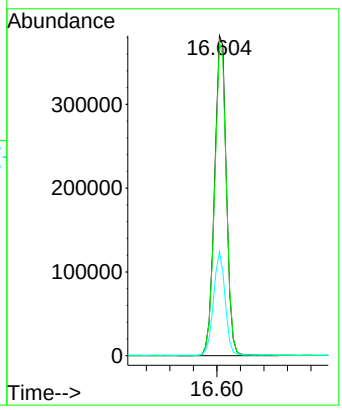




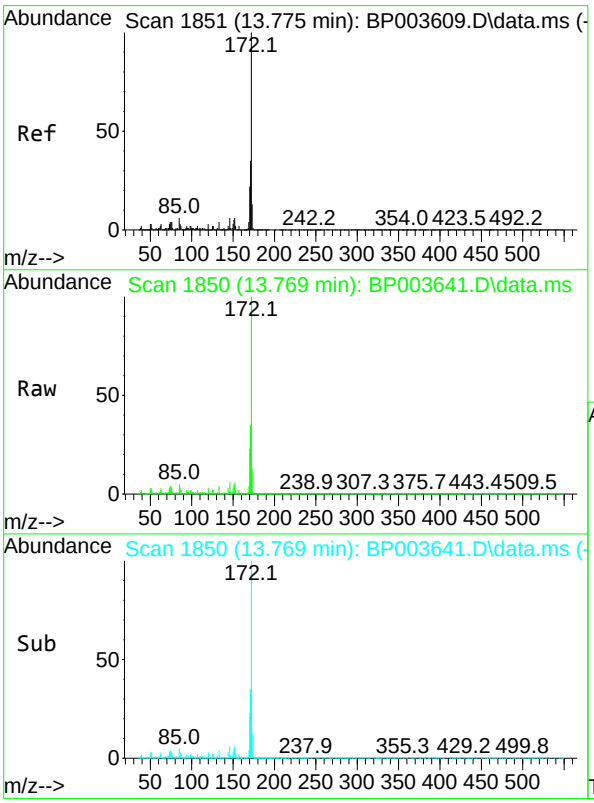
#42
2,4,6-Tribromophenol
Concen: 129.94 ng
RT: 16.604 min Scan# 2332
Delta R.T. -0.012 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:330 Resp: 531349

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	31.8	23.4	35.2



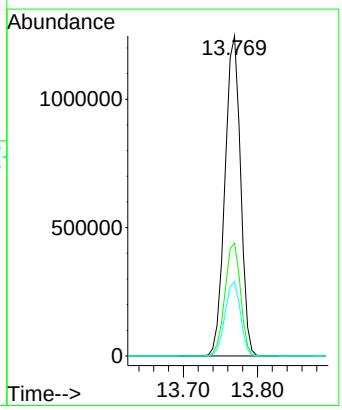
Instrument :
BNA_P
ClientSampleId :
S3



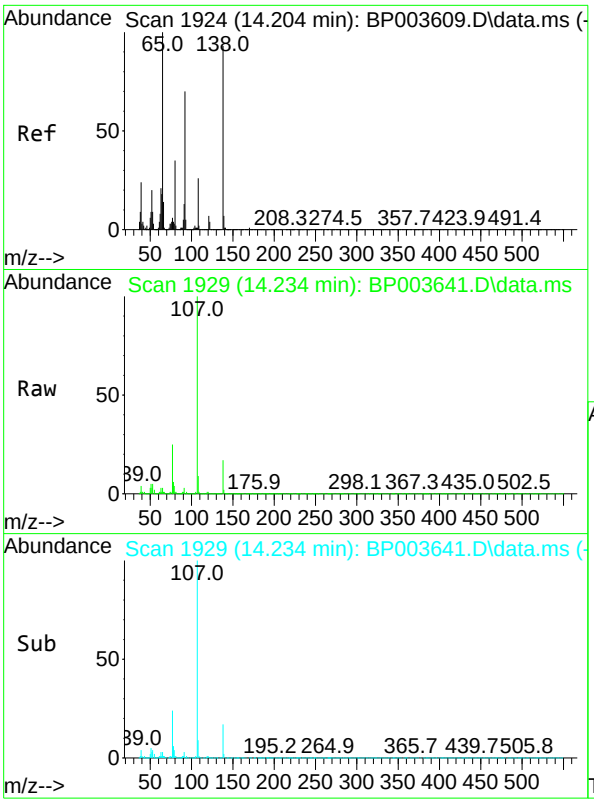
#45
2-Fluorobiphenyl
Concen: 77.78 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:172 Resp: 1818398

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.2	19.2	28.8



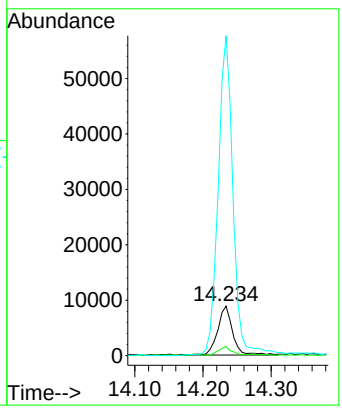
Instrument :
BNA_P
ClientSampleId :
S3

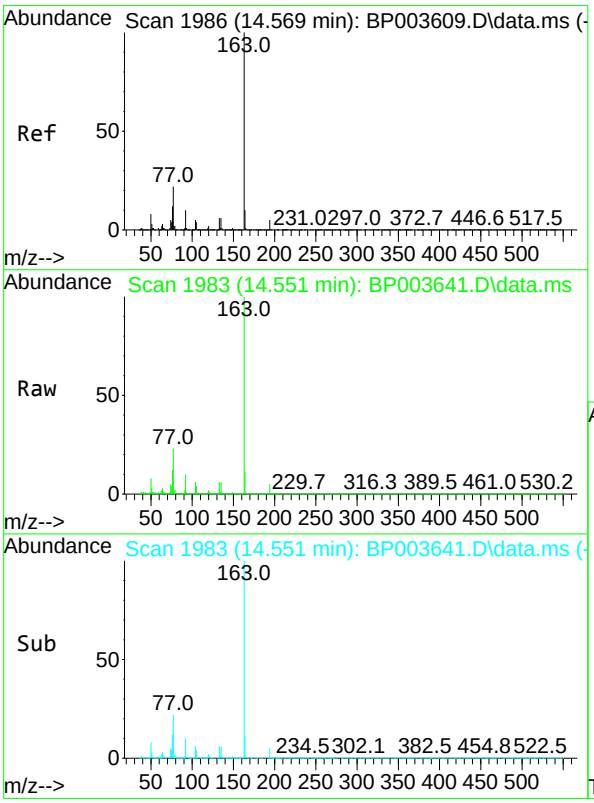


#48
2-Nitroaniline
Concen: 6.39 ng
RT: 14.234 min Scan# 1929
Delta R.T. 0.030 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion: 65 Resp: 13546

Ion	Ratio	Lower	Upper
65	100		
92	18.6	70.6	106.0#
138	646.0	133.6	200.4#

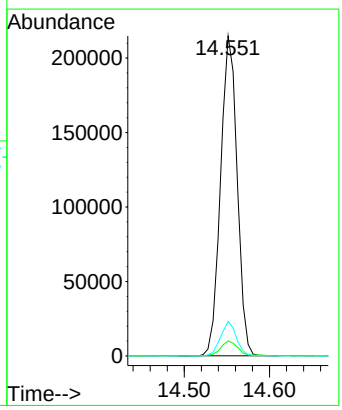




#50
Dimethylphthalate
Concen: 11.54 ng
RT: 14.551 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:163 Resp: 290677

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.8	8.2	12.2



Instrument :
BNA_P
ClientSampleId :
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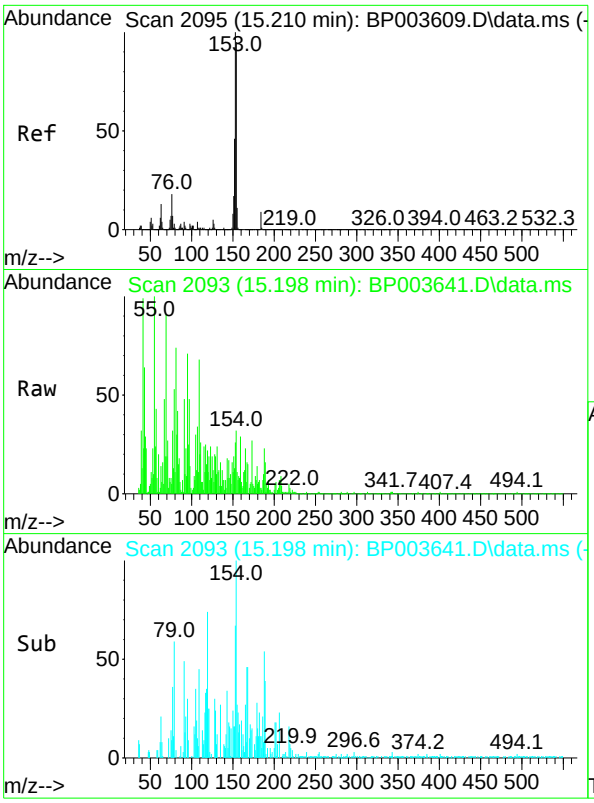
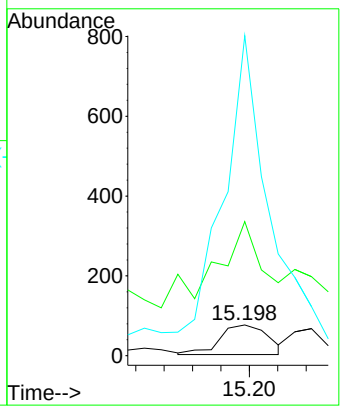
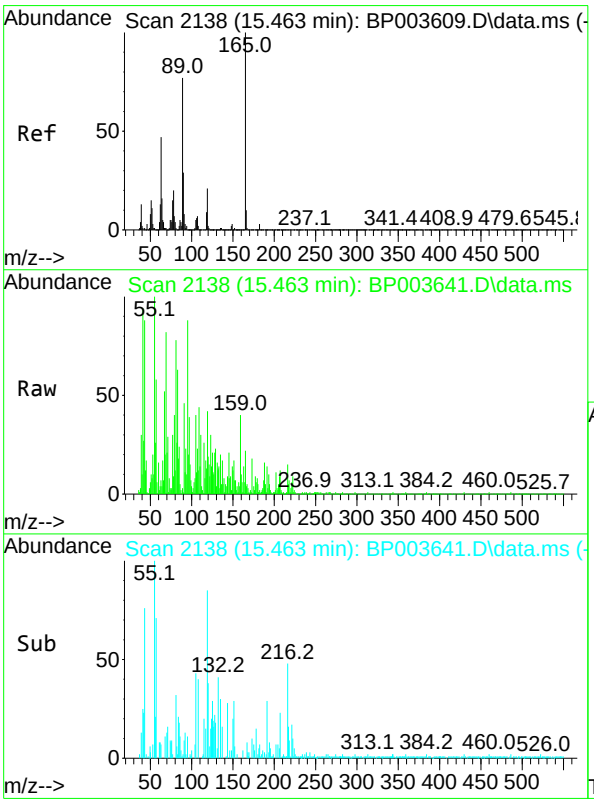


#54
2,4-Dinitrophenol
Concen: 2.17 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:184 Resp: 88

Ion	Ratio	Lower	Upper
184	100		
63	436.4	32.3	48.5#
154	1041.6	49.1	73.7#

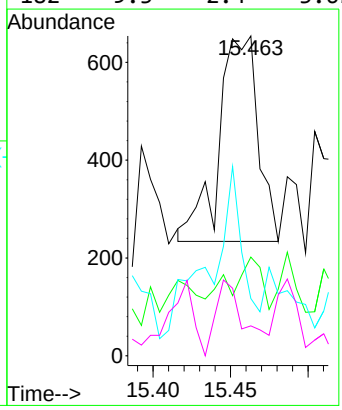




#57
2,4-Dinitrotoluene
Concen: 3.66 ng
RT: 15.463 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:165 Resp: 733

Ion	Ratio	Lower	Upper
165	100		
63	30.9	20.6	31.0
89	17.9	42.6	63.8#
182	9.3	2.4	3.6#



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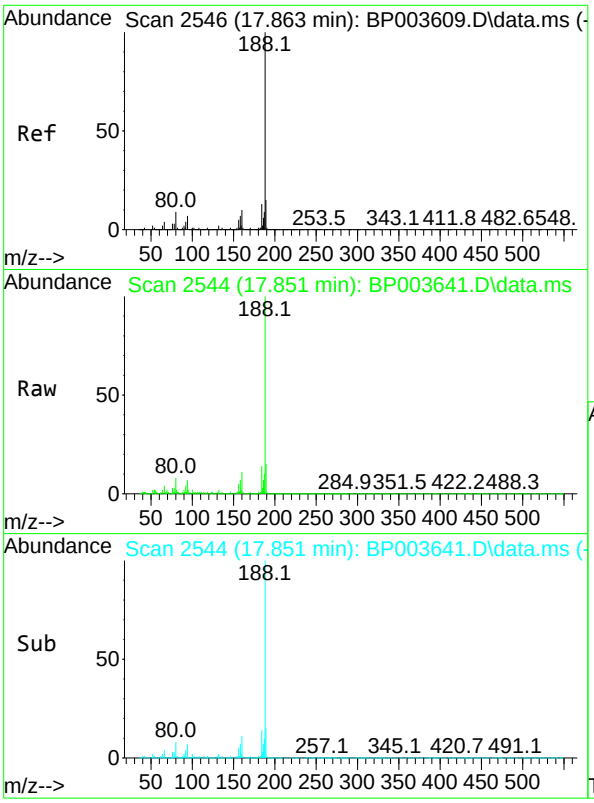
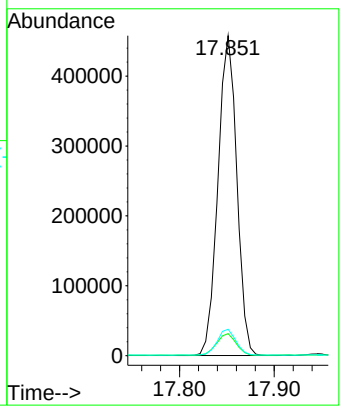
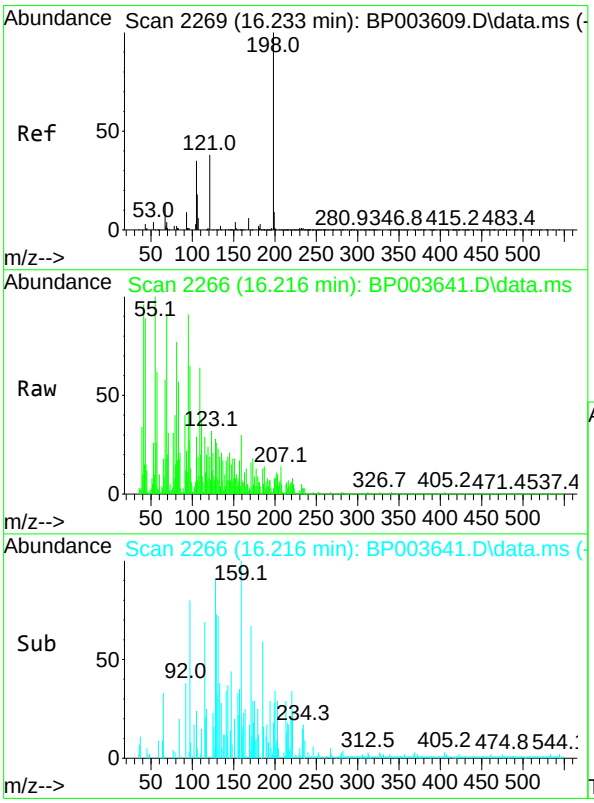


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.851 min Scan# 2544
Delta R.T. -0.012 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:188 Resp: 632619

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.2
80	8.2	6.2	9.2

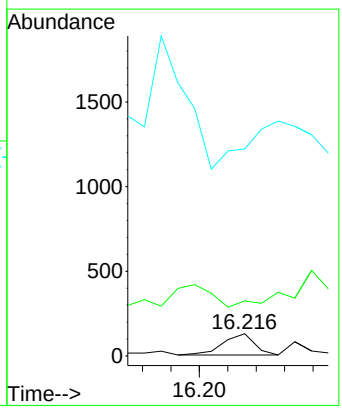




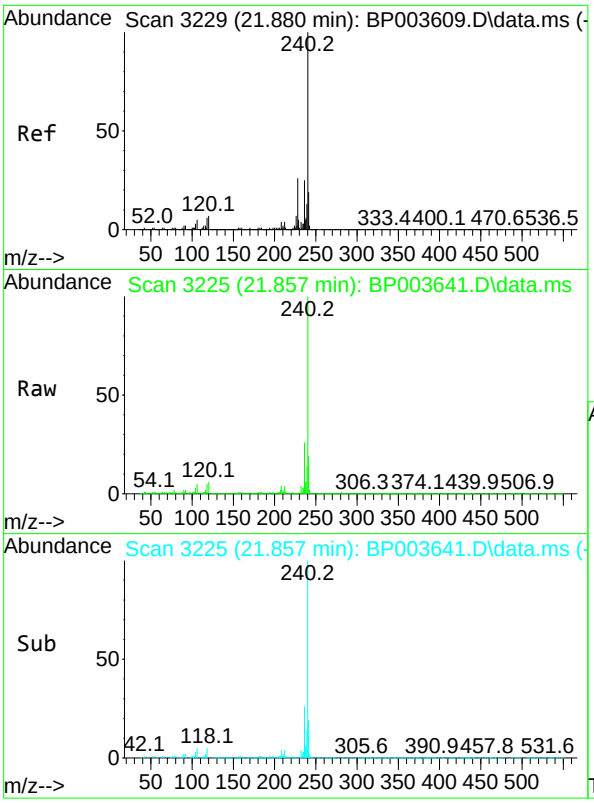
#65
4,6-Dinitro-2-methylphenol
Concen: 7.40 ng
RT: 16.216 min Scan# 2266
Delta R.T. -0.017 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:198 Resp: 97

Ion	Ratio	Lower	Upper
198	100		
51	248.1	6.4	46.4#
105	933.6	18.9	58.9#



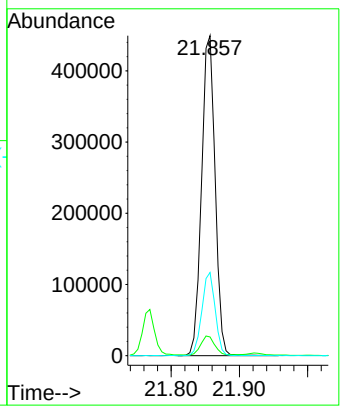
Instrument :
BNA_P
ClientSampleId :
S3

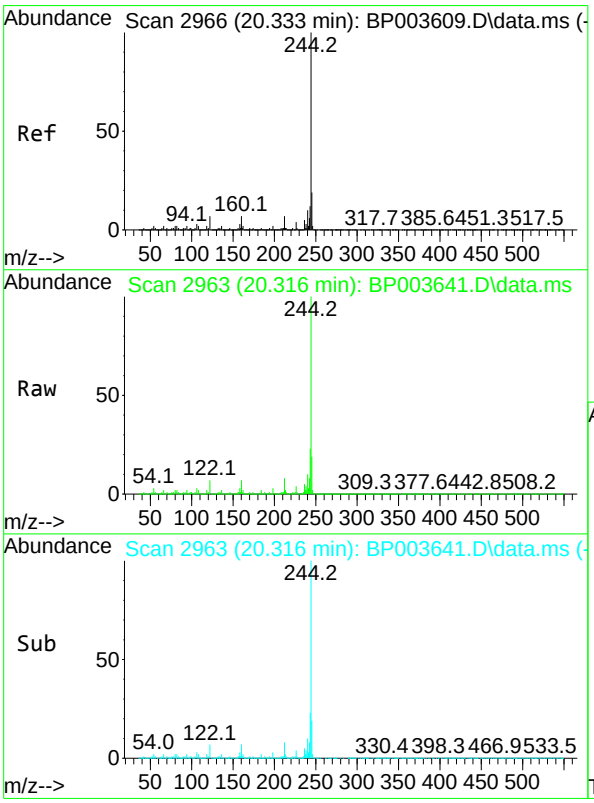


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. -0.023 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:240 Resp: 619602

Ion	Ratio	Lower	Upper
240	100		
120	5.9	7.8	11.6#
236	26.0	20.8	31.2

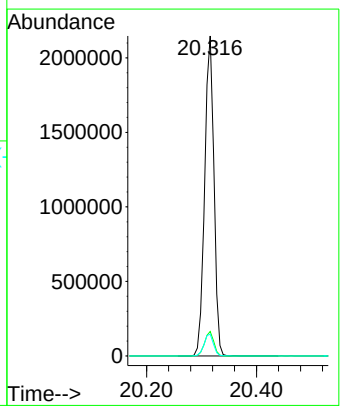


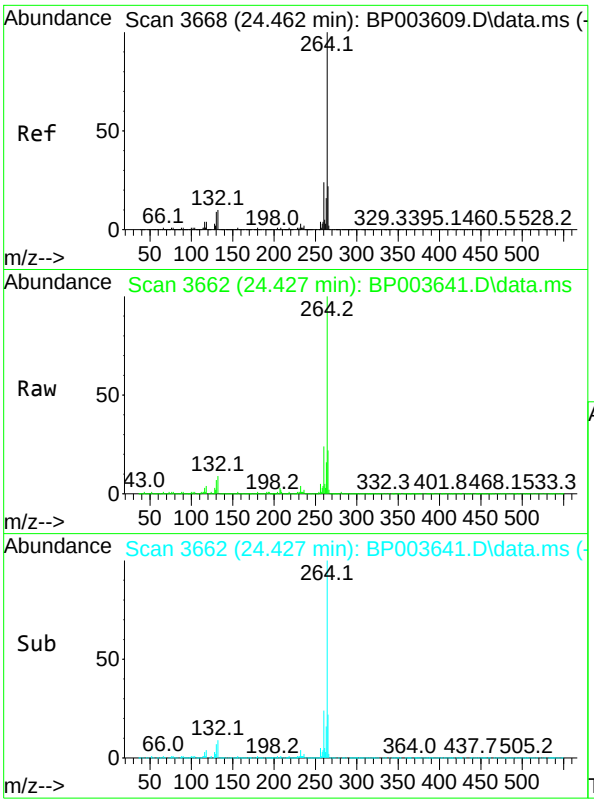


#79
Terphenyl-d14
Concen: 73.19 ng
RT: 20.316 min Scan# 2963
Delta R.T. -0.018 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:244 Resp: 2506507

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	6.8	7.8	11.8#

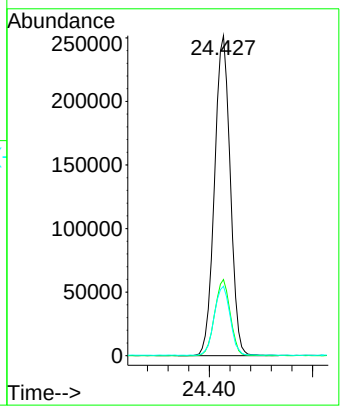




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.427 min Scan# 3662
Delta R.T. -0.035 min
Lab File: BP003641.D
Acq: 16 Oct 2020 14:30

Tgt Ion:264 Resp: 531611

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.7	17.4	26.2



Instrument :
BNA_P
ClientSampleId :
S3