Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091020\
Data File : BP003252.D
Acq On : 10 Sep 2020 17:28
Operator : CG/JU
Sample : L3941-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-200031

Quant Time: Sep 10 18:05:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	167633	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	675021	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	401429	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	815360	20.00	ng		0.00
76) Chrysene-d12	21.15	240	864933	20.00	ng		0.00
86) Perylene-d12	23.38	264	939156	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	273390	28.83	ng		0.00
7) Phenol-d6	6.84	99	212162	17.85	ng		0.00
23) Nitrobenzene-d5	8.79	82	609552	65.10	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	367644	67.72	ng		0.00
45) 2-Fluorobiphenyl	12.91	172	1679777	61.28	ng		0.00
79) Terphenyl-d14	19.62	244	2396747	60.97	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.79	122	5068	9.643	ng	#	33
50) Dimethylphthalate	13.75	163	200566	6.552	ng		99
54) 2,4-Dinitrophenol	14.39	184	246	7.819	ng	#	1
63) Azobenzene	15.66	77	80992	4.063	ng	#	1
73) Carbazole	17.33	167	423425	10.434	ng	#	79
77) Benzidine	19.01	184	370816	18.758	ng	#	86

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
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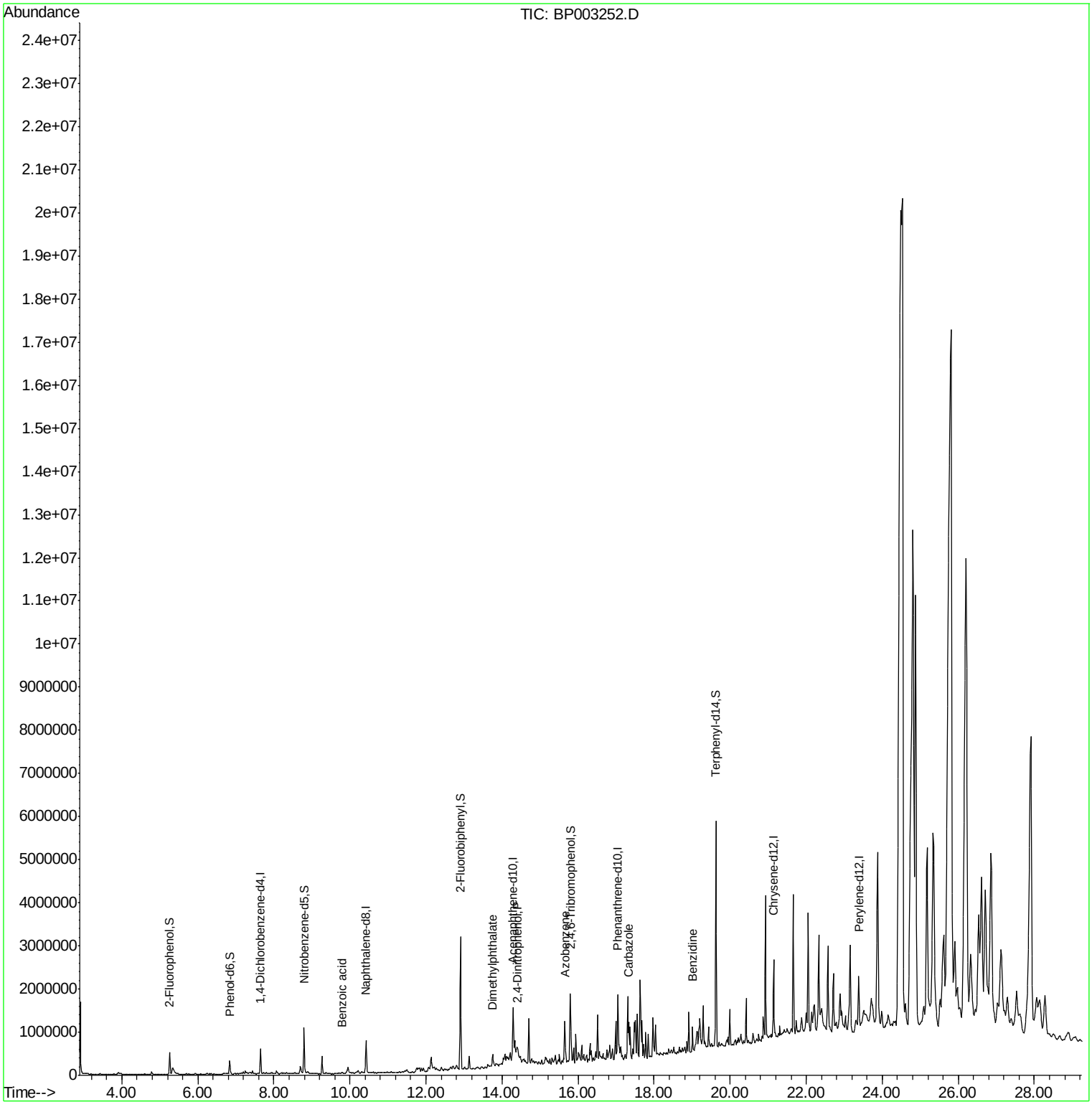
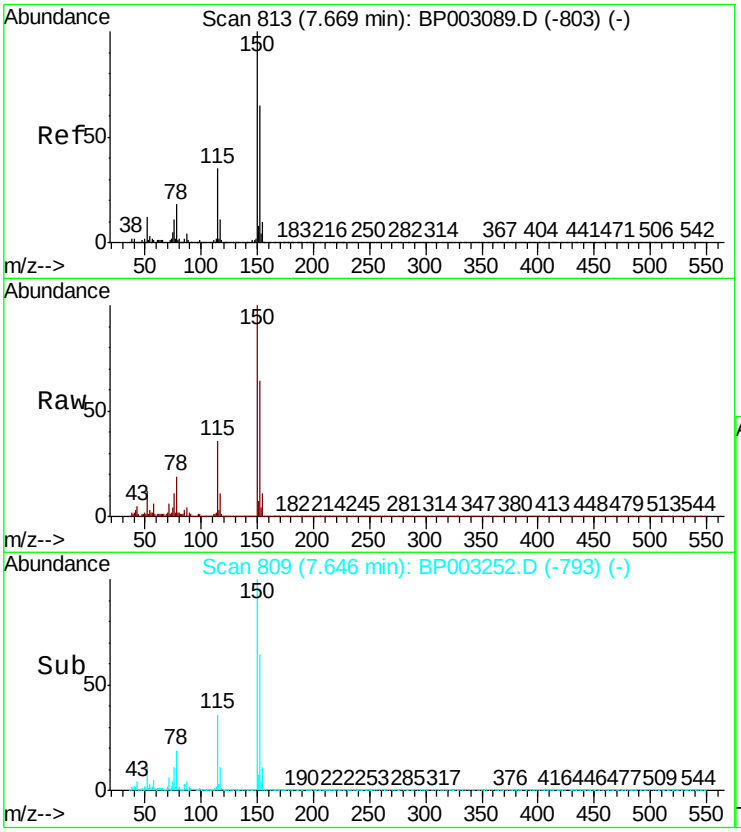


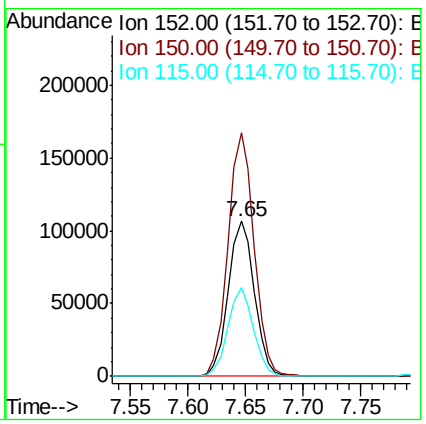


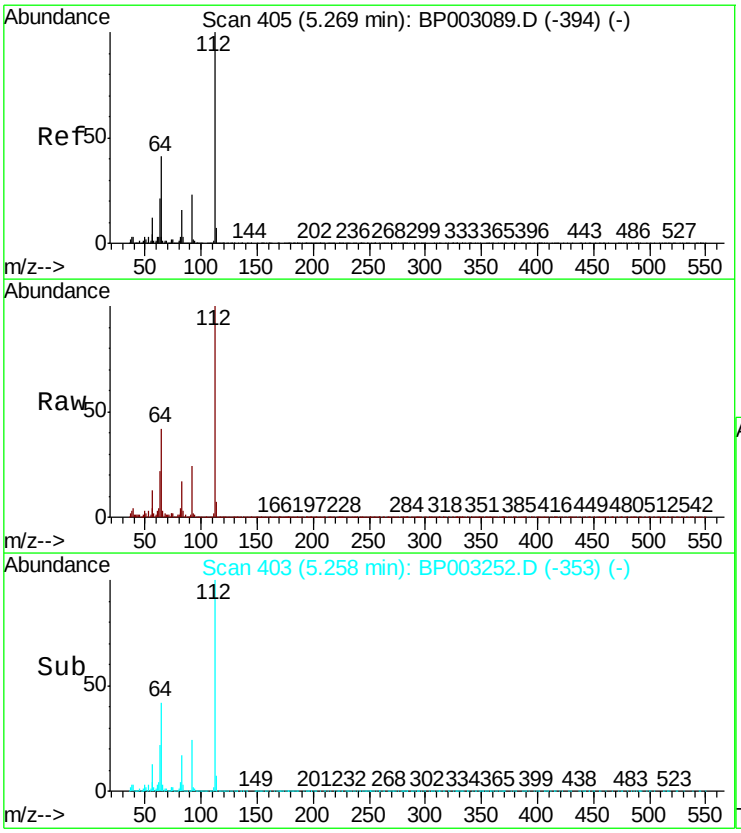
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion:152 Resp: 167633

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.6
115	57.2	43.8	65.6

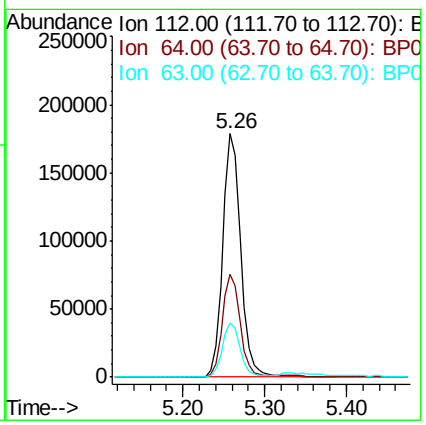


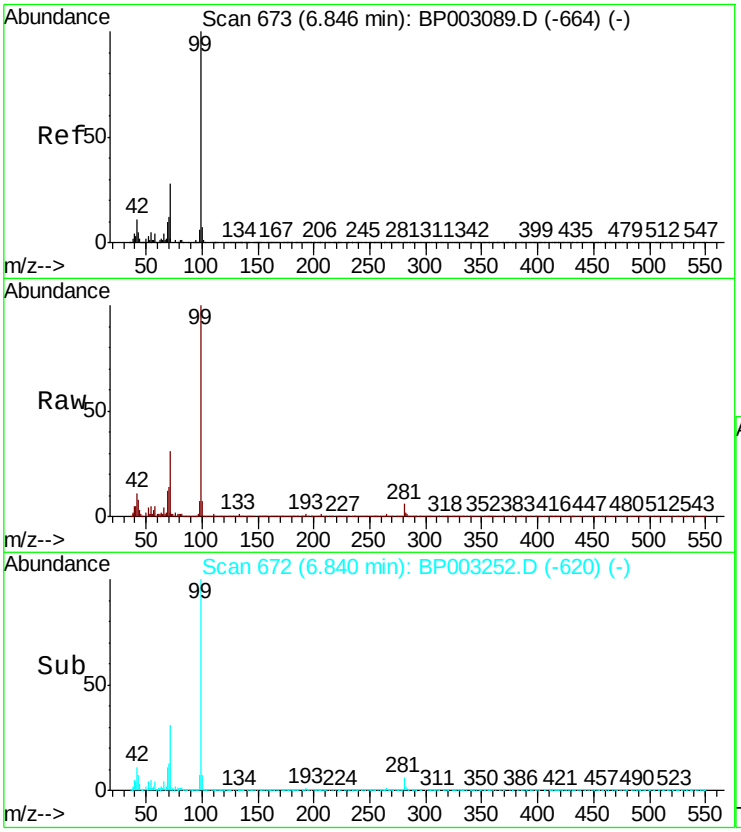


#5
2-Fluorophenol
Concen: 28.834 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion:112 Resp: 273390

Ion	Ratio	Lower	Upper
112	100		
64	42.3	32.8	49.2
63	22.4	17.0	25.4



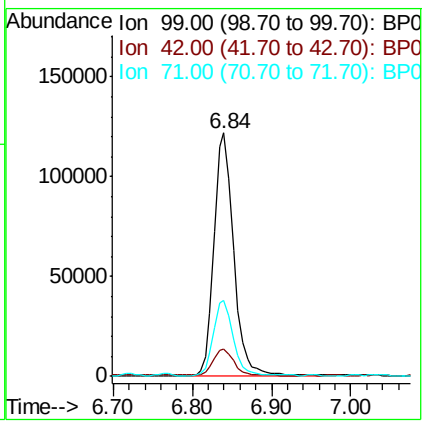


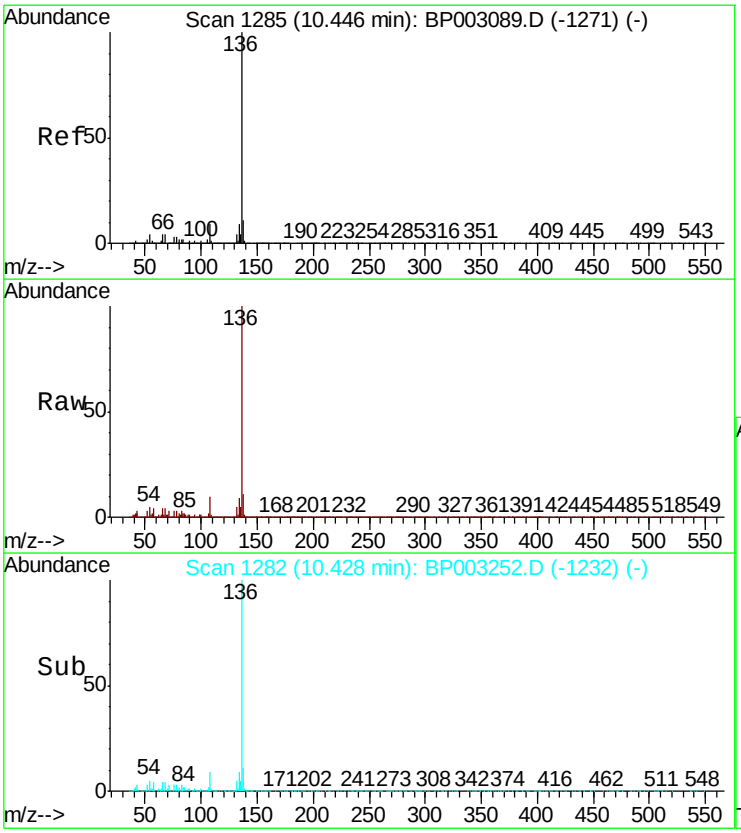
#7
Phenol-d6
Concen: 17.850 ng
RT: 6.84 min Scan# 672
Delta R.T. 0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion: 99 Resp: 212162

Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.6	13.0
71	31.3	23.4	35.2

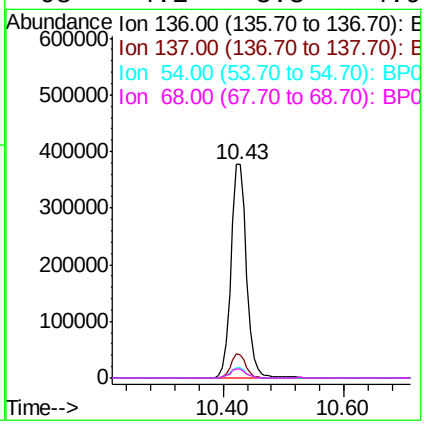


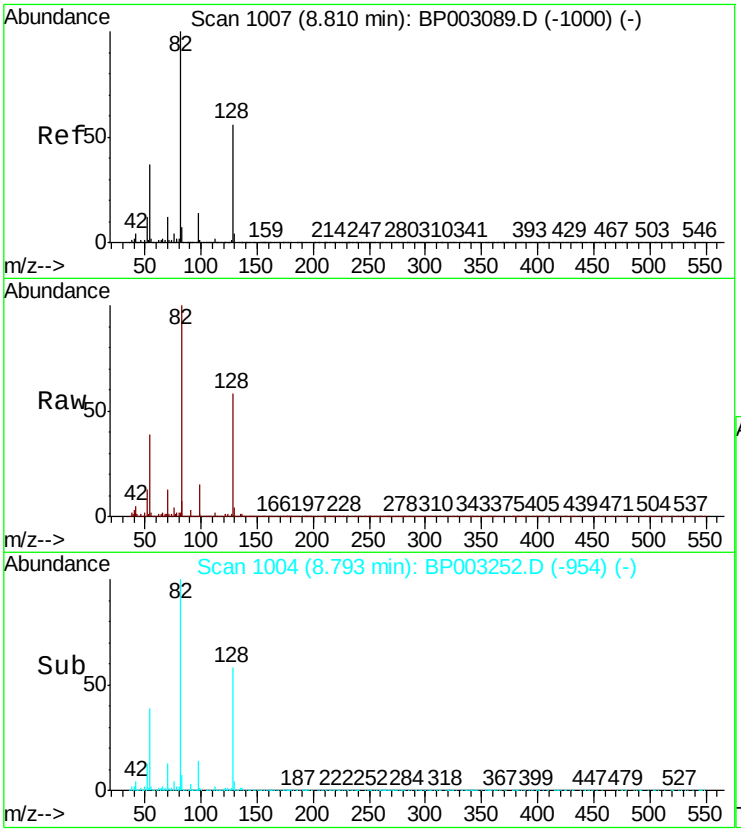


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion:136 Resp: 675021

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.8	3.6	5.4
68	4.2	3.3	4.9



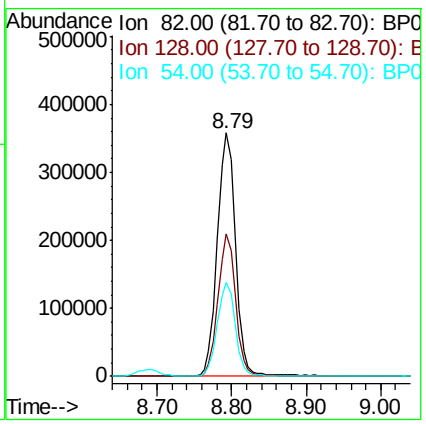


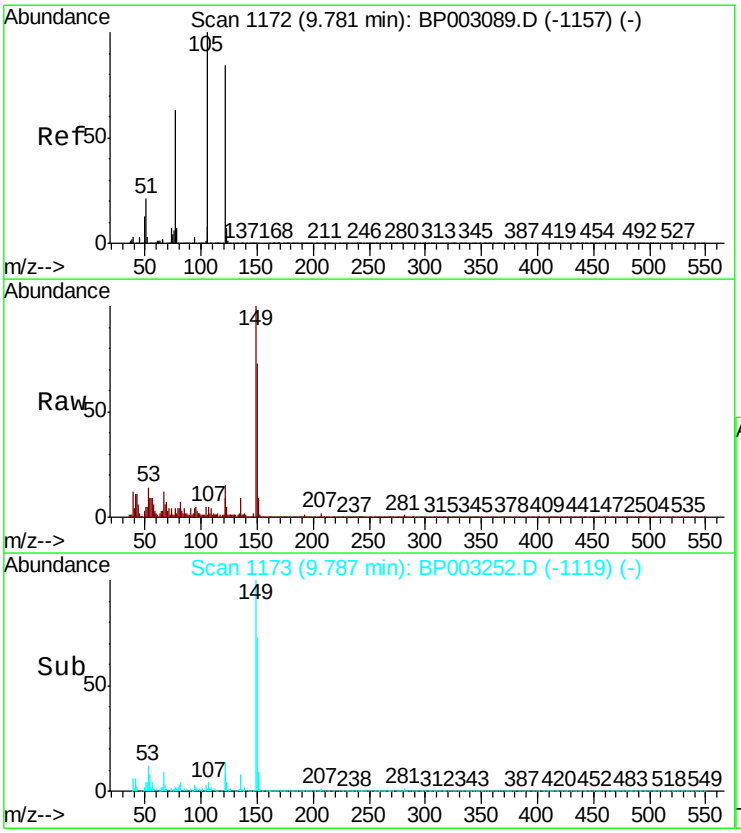
#23
Nitrobenzene-d5
Concen: 65.099 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion: 82 Resp: 609552

Ion	Ratio	Lower	Upper
82	100		
128	58.4	45.6	68.4
54	38.7	30.1	45.1

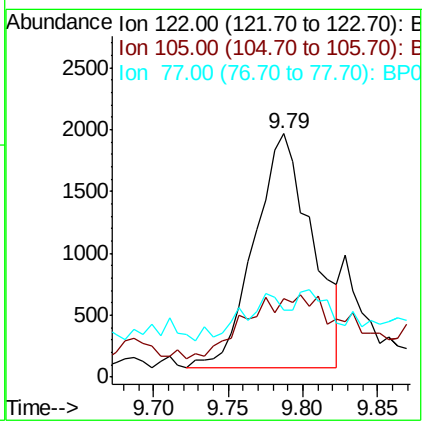


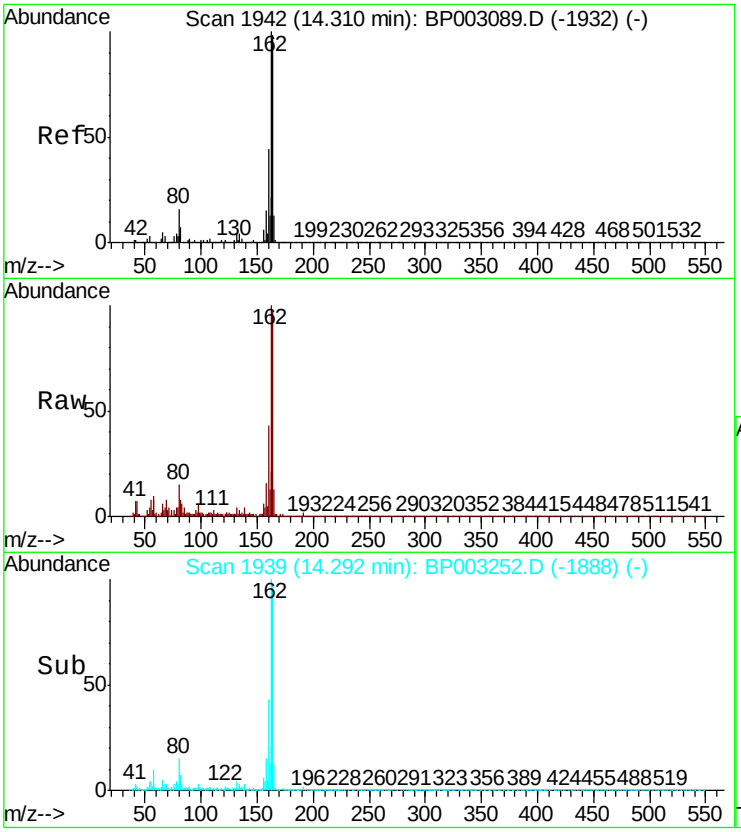


#32
Benzoic acid
Concen: 9.643 ng
RT: 9.79 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion:122 Resp: 5068

Ion	Ratio	Lower	Upper
122	100		
105	32.3	94.1	134.1#
77	27.3	50.1	90.1#



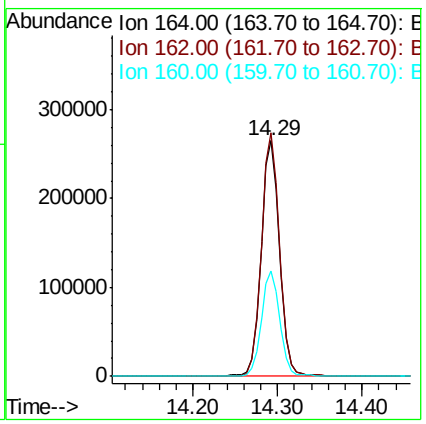


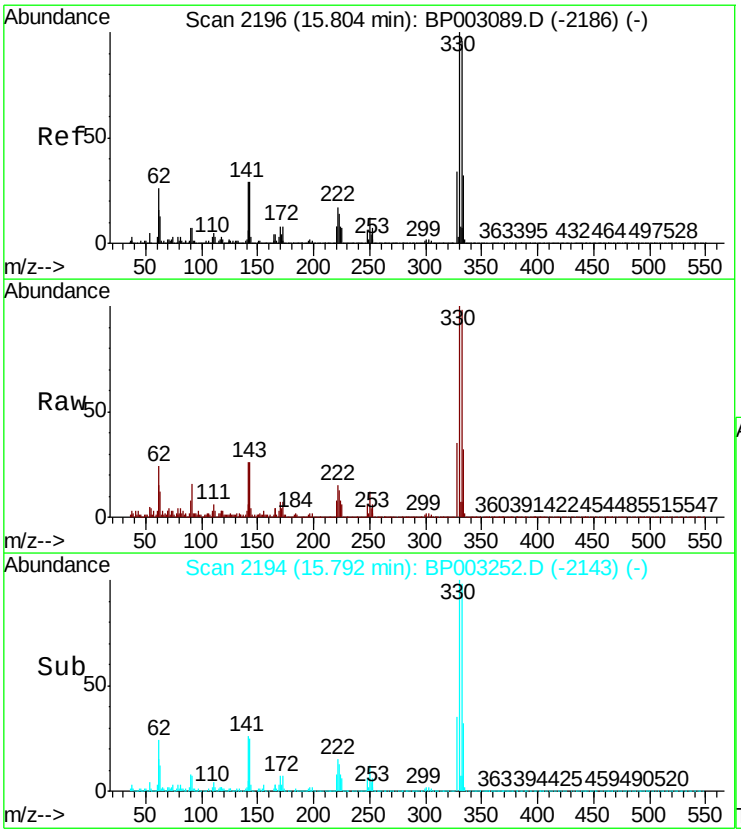
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion:164 Resp: 401429

Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.4	119.2
160	44.7	36.1	54.1

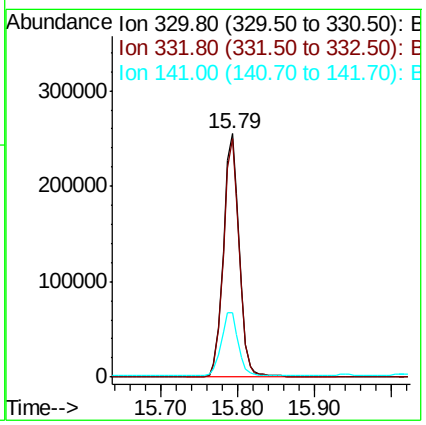


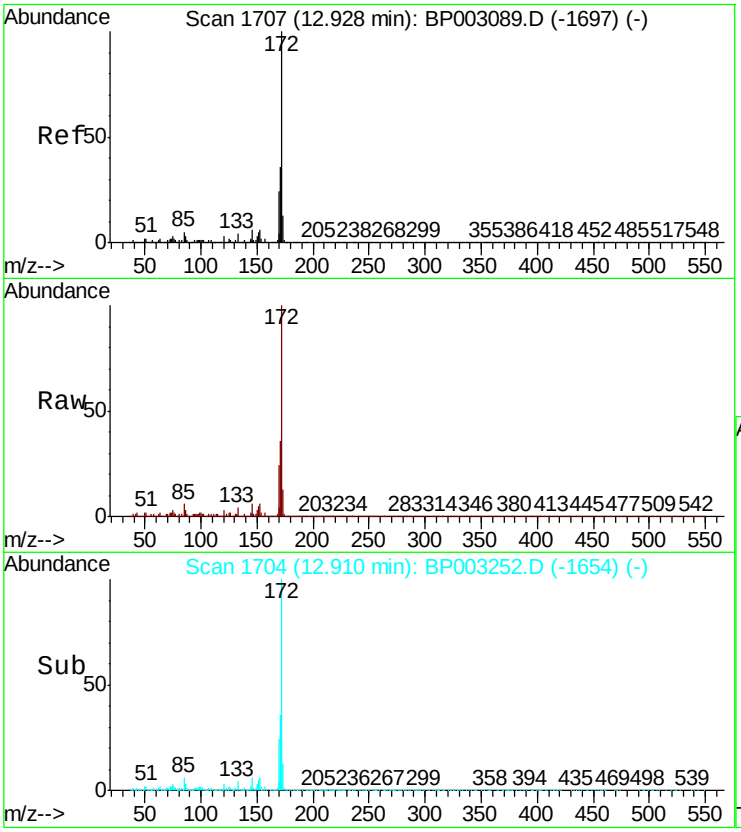


#42
2,4,6-Tribromophenol
Concen: 67.716 ng
RT: 15.79 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion:330 Resp: 367644

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	27.3	23.4	35.2



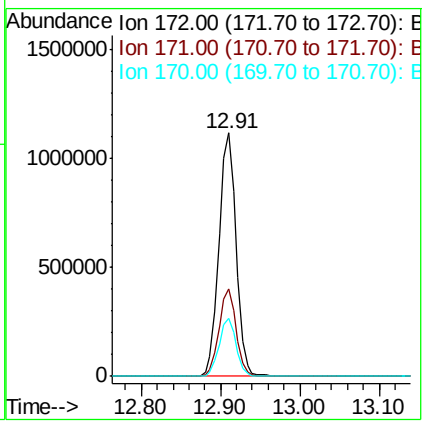


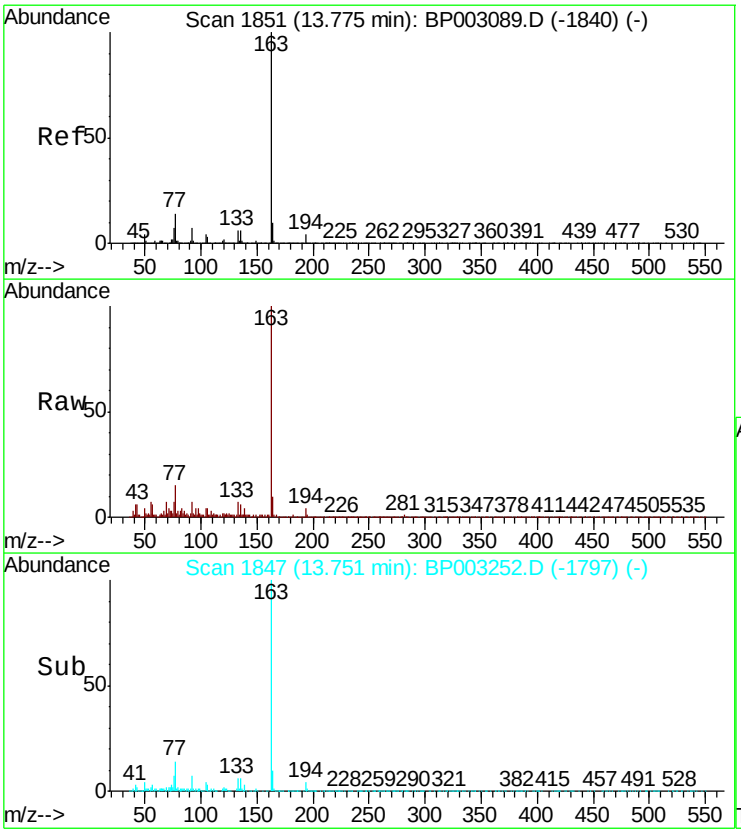
#45
2-Fluorobiphenyl
Concen: 61.280 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion:172 Resp: 1679777

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.9	19.2	28.8

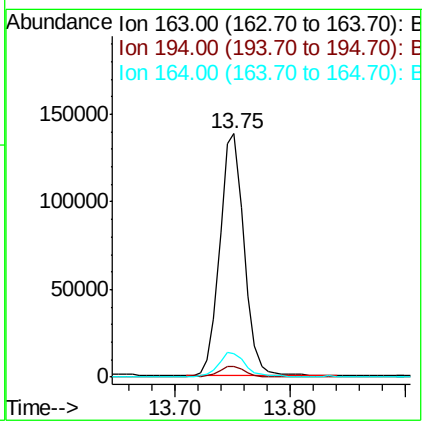


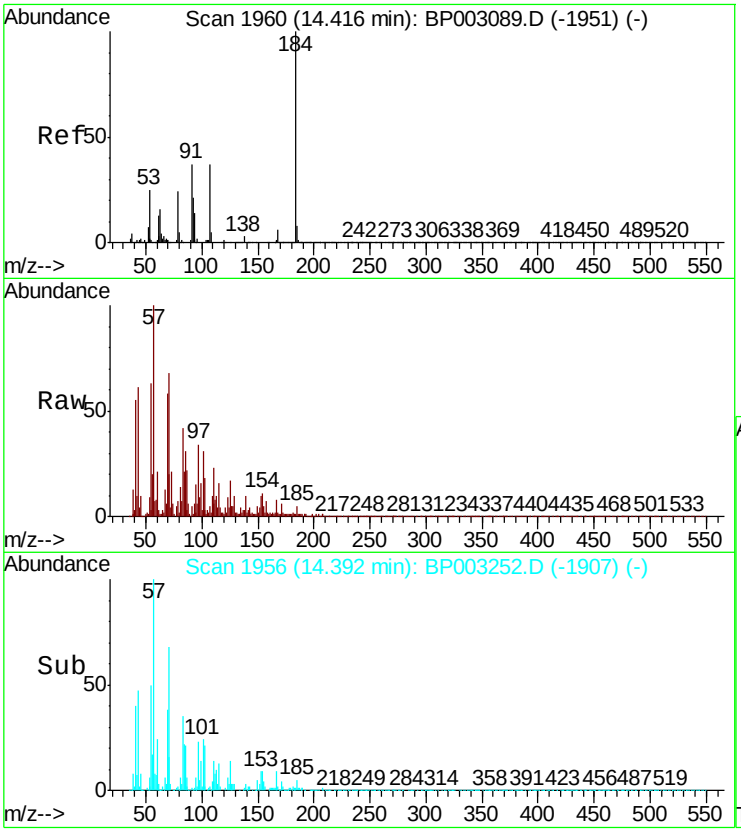


#50
Dimethylphthalate
Concen: 6.552 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion:163 Resp: 200566

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.8	8.2	12.2



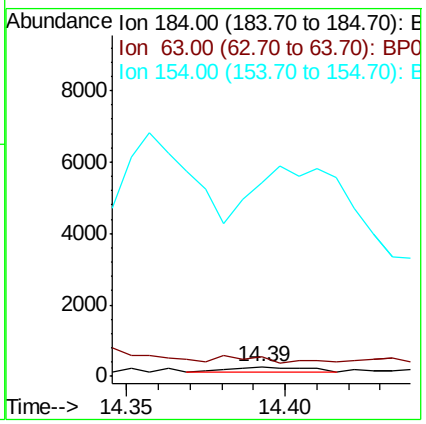


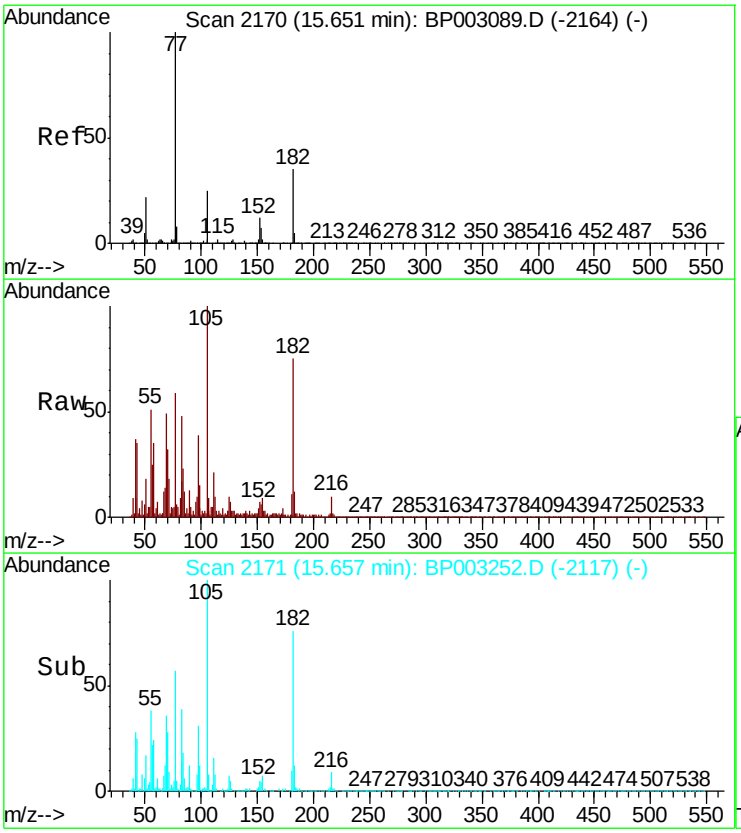
#54
2,4-Dinitrophenol
Concen: 7.819 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion:184 Resp: 246

Ion	Ratio	Lower	Upper
184	100		
63	210.1	32.3	48.5#
154	2024.3	49.1	73.7#

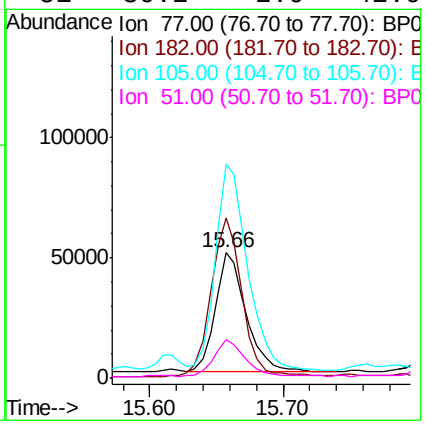


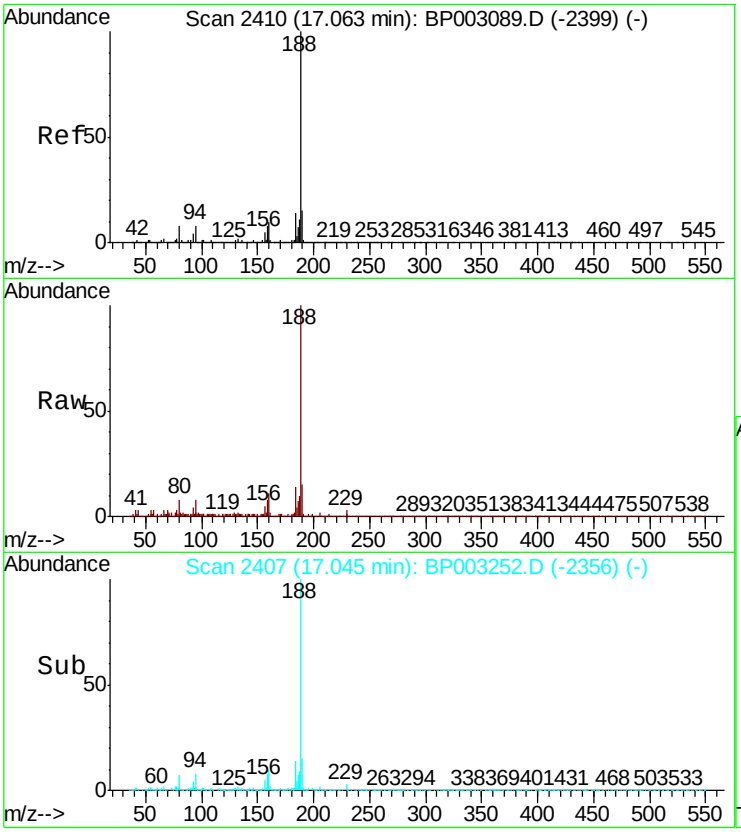


#63
Azobenzene
Concen: 4.063 ng
RT: 15.66 min Scan# 2171
Delta R.T. 0.02 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion: 77 Resp: 80992

Ion	Ratio	Lower	Upper
77	100		
182	127.9	16.9	56.9#
105	170.6	5.6	45.6#
51	30.2	2.9	42.9



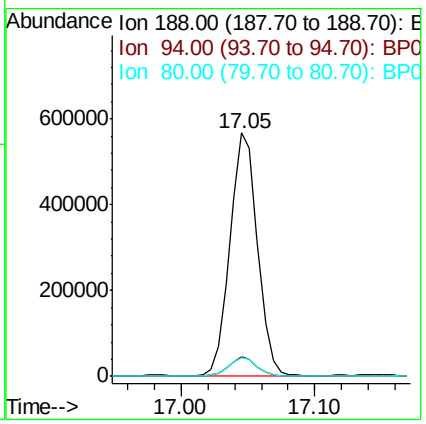


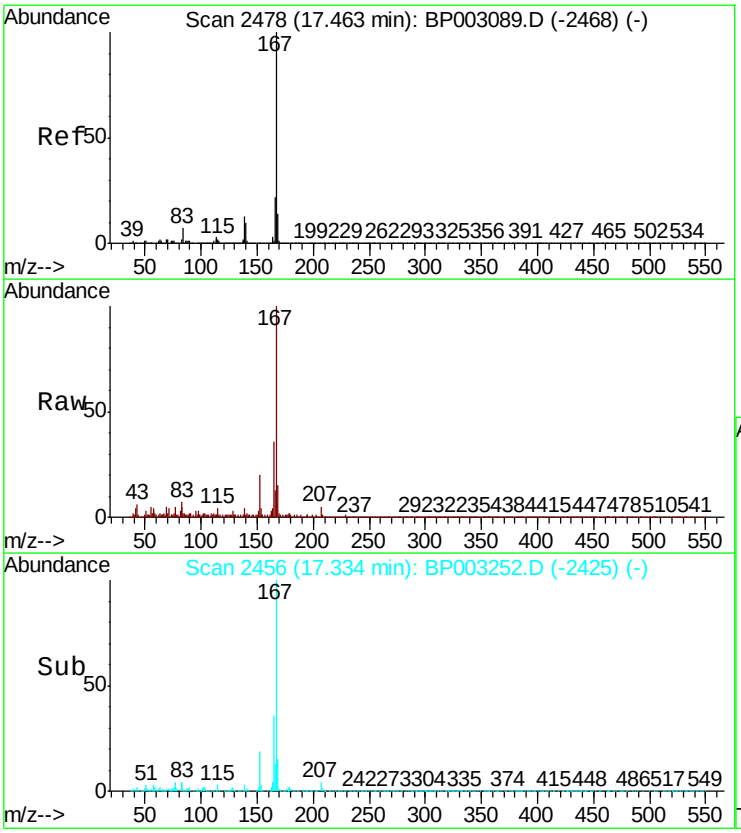
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion:188 Resp: 815360

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.7	6.2	9.2

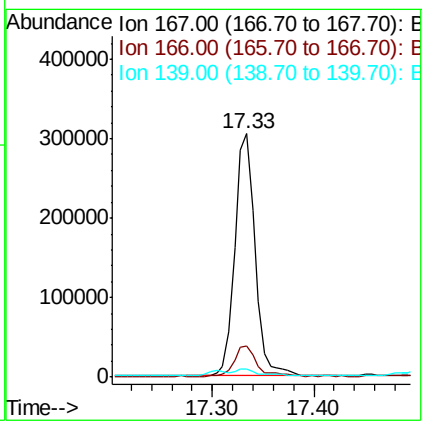


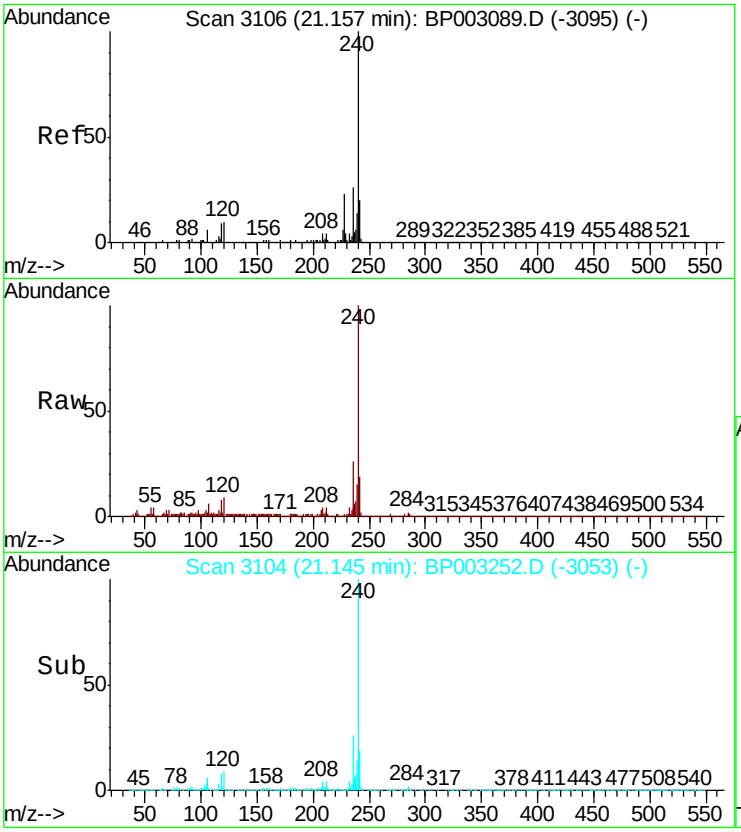


#73
Carbazole
Concen: 10.434 ng
RT: 17.33 min Scan# 2456
Delta R.T. -0.12 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion:167 Resp: 423425

Ion	Ratio	Lower	Upper
167	100		
166	12.9	17.6	26.4#
139	3.5	10.2	15.4#



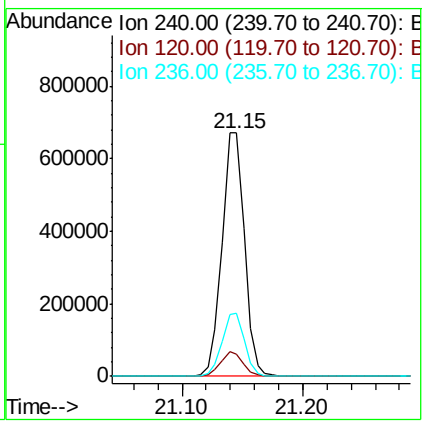


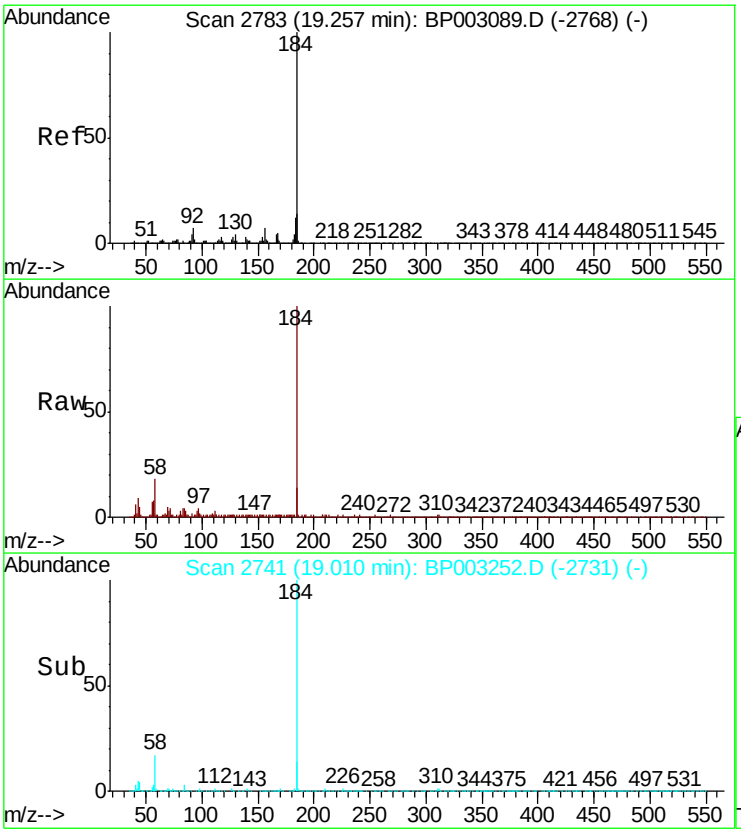
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion:240 Resp: 864933

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	26.1	20.8	31.2

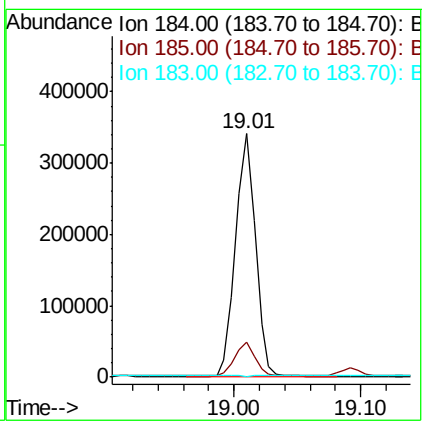


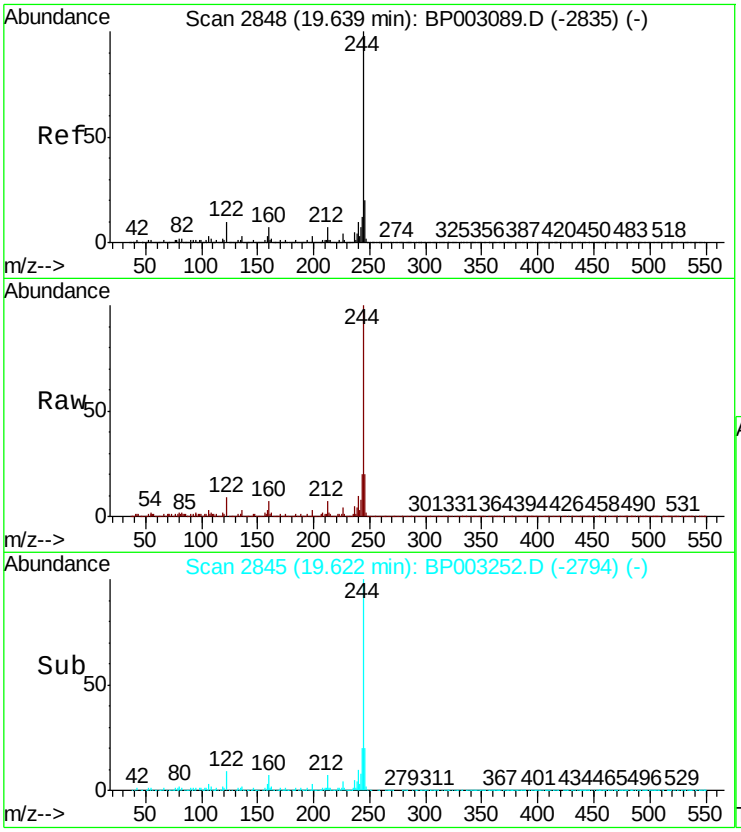


#77
Benzidine
Concen: 18.758 ng
RT: 19.01 min Scan# 2741
Delta R.T. -0.24 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion:184 Resp: 370816

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	0.0	9.6	14.4#



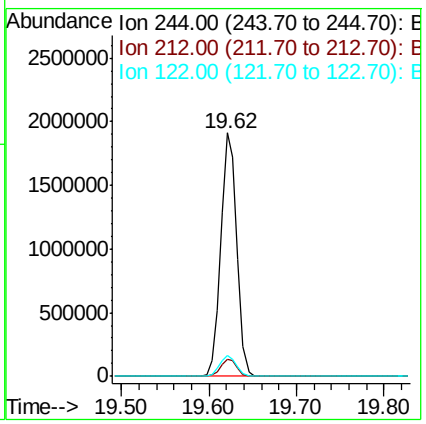


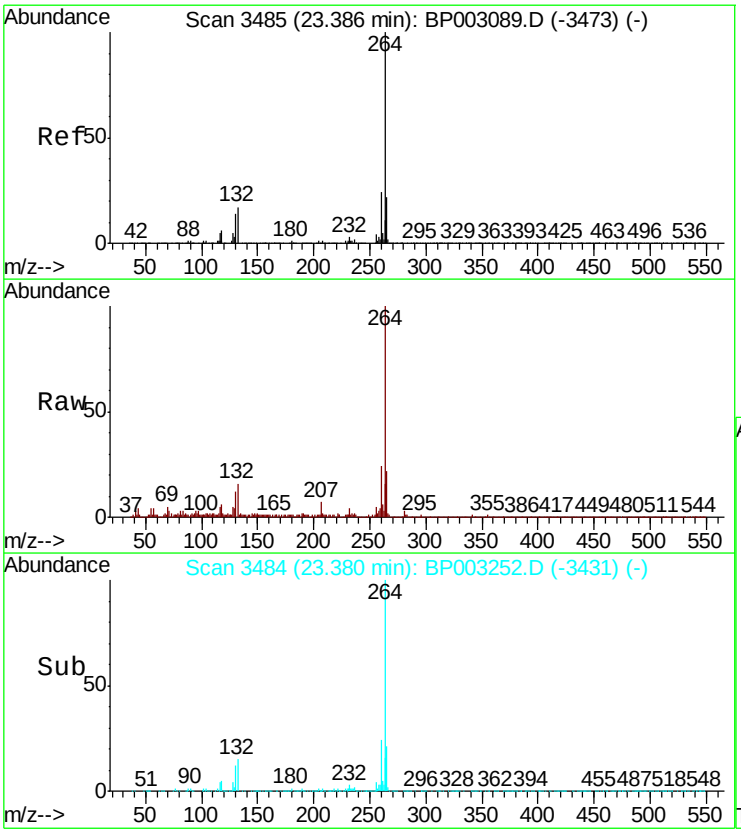
#79
Terphenyl-d14
Concen: 60.974 ng
RT: 19.62 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Instrument :
BNA_P
ClientSampleId :
RBR-200031

Tgt Ion:244 Resp: 2396747

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	8.6	7.8	11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003252.D
Acq: 10 Sep 2020 17:28

Tgt Ion:264 Resp: 939156

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.8	17.4	26.2