Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003155.D
Acq On : 28 Aug 2020 17:41
Operator : CG/JU
Sample : L3507-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-082720

Quant Time: Aug 28 18:57:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	218484	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	845458	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	512231	20.00	ng	-0.01
64) Phenanthrene-d10	17.05	188	1149057	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	1319006	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1451233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1417280	114.69	ng	0.00
7) Phenol-d6	6.85	99	1475405	95.24	ng	0.00
23) Nitrobenzene-d5	8.81	82	1099979	93.79	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	968318	139.77	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3111697	88.96	ng	0.00
79) Terphenyl-d14	19.63	244	4811072	80.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.96	88	30617	6.481	ng	# 1
32) Benzoic acid	9.76	122	146	9.012	ng	# 71
50) Dimethylphthalate	13.76	163	120743	3.091	ng	99
54) 2,4-Dinitrophenol	14.39	184	30	7.761	ng	# 1

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

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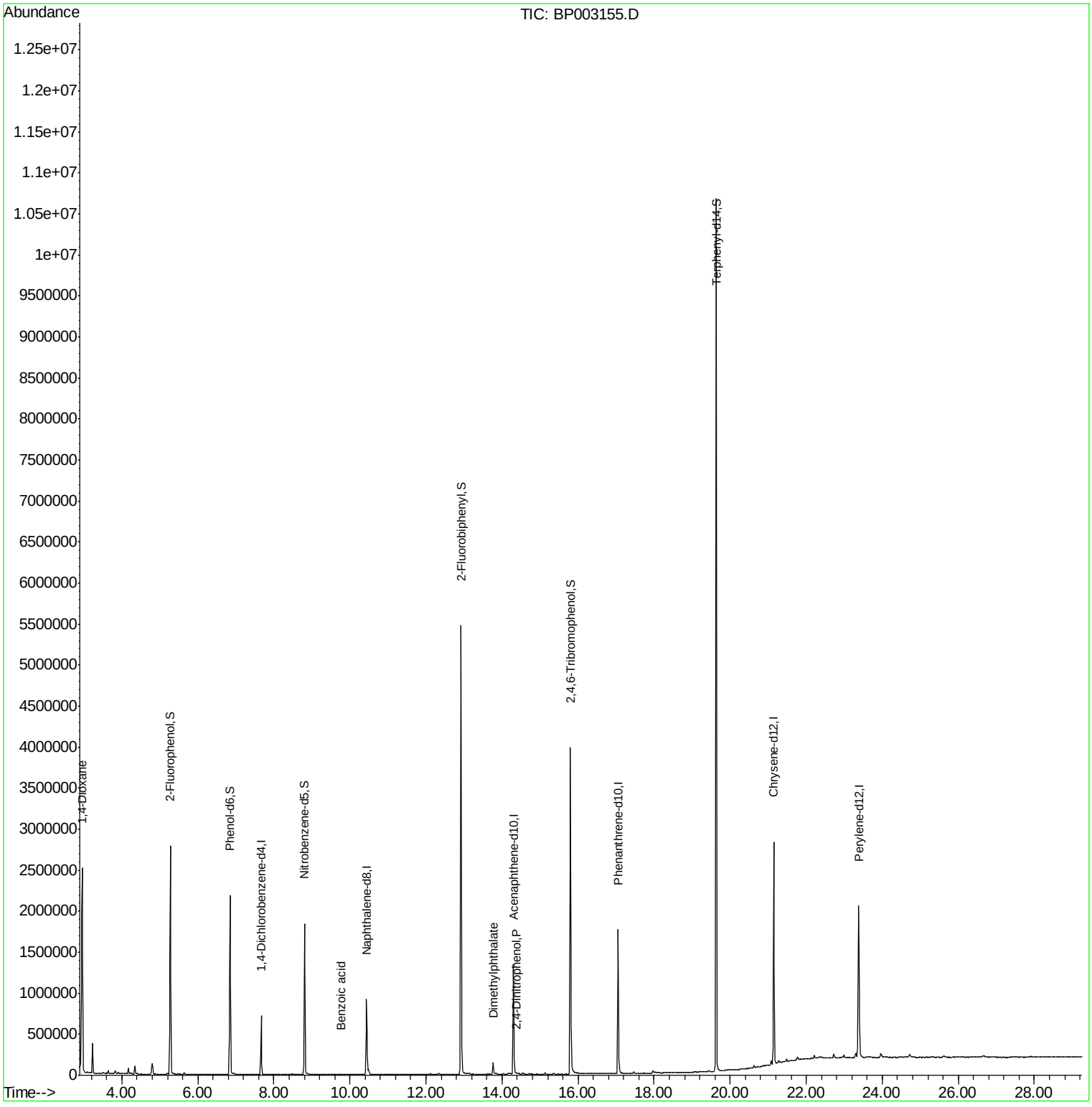
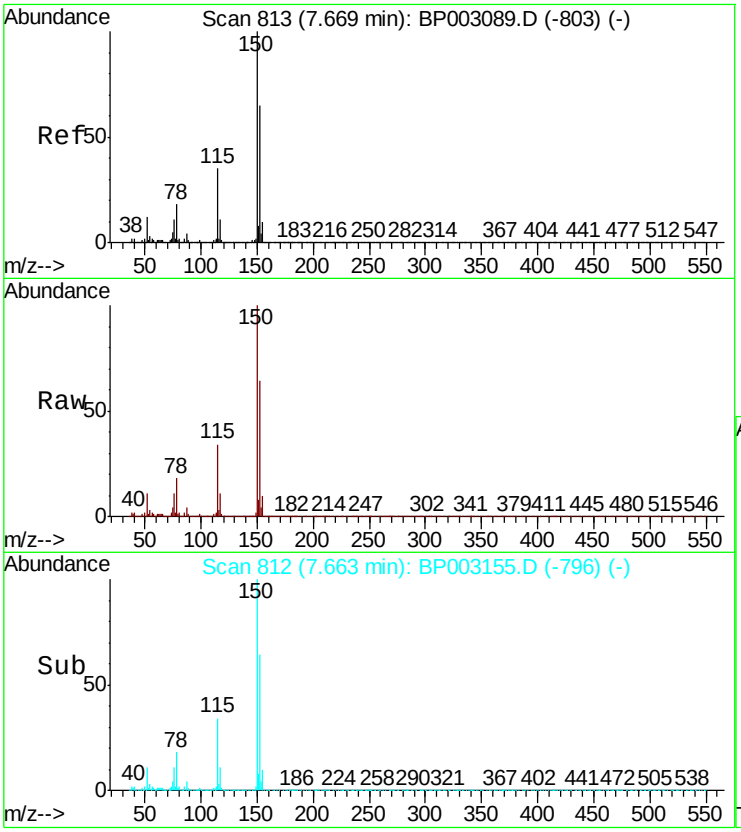


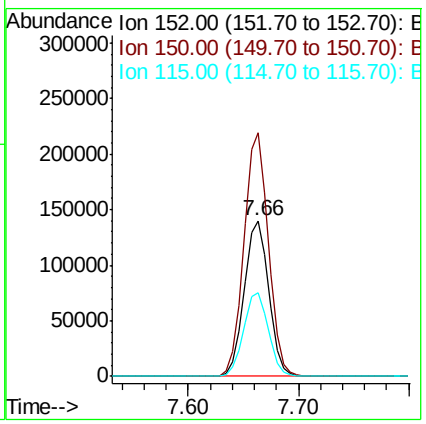


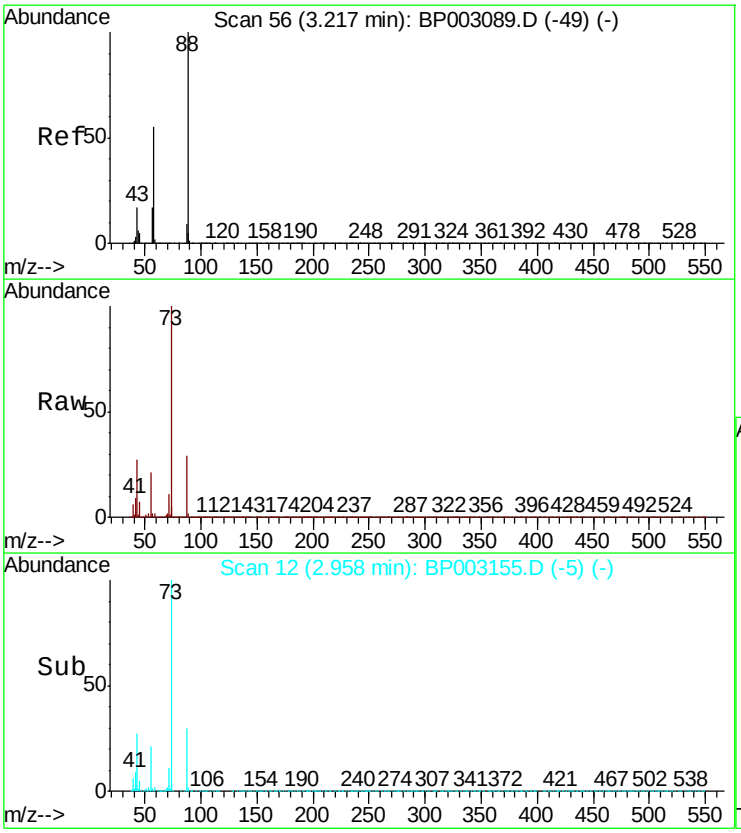
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampleId :
SU-03-082720

Tgt Ion:152 Resp: 218484

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.1	184.7
115	53.7	42.8	64.2

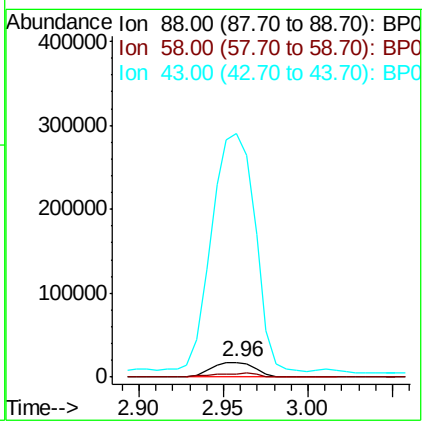


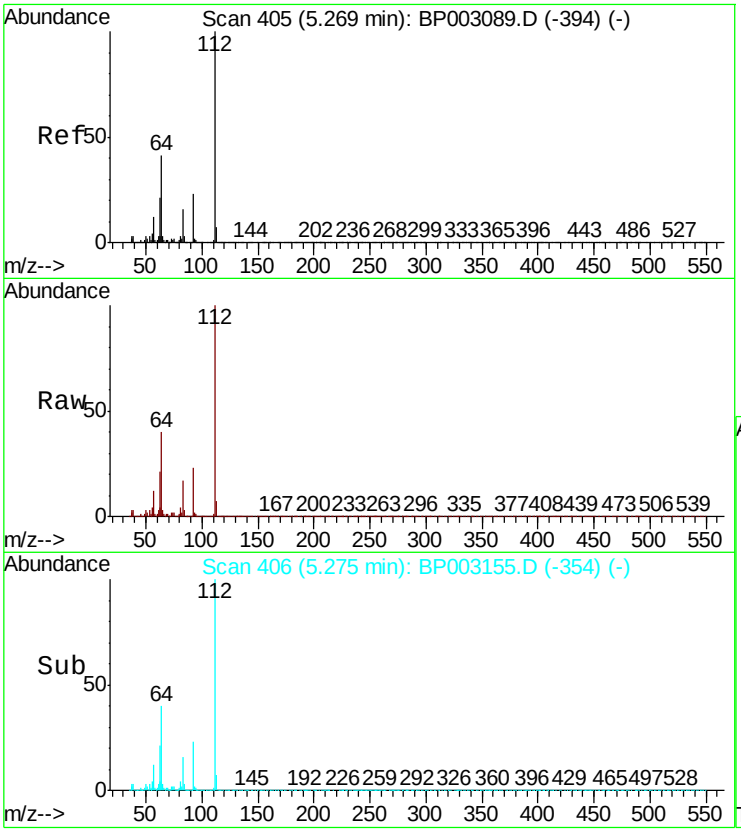


#2
1,4-Dioxane
Concen: 6.481 ng
RT: 2.96 min Scan# 12
Delta R.T. -0.26 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion: 88 Resp: 30617

Ion	Ratio	Lower	Upper
88	100		
58	22.7	44.3	66.5#
43	1641.8	14.3	21.5#



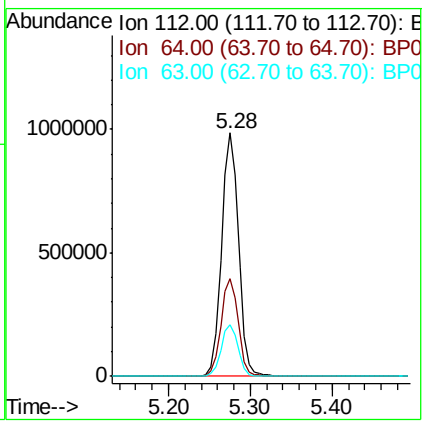


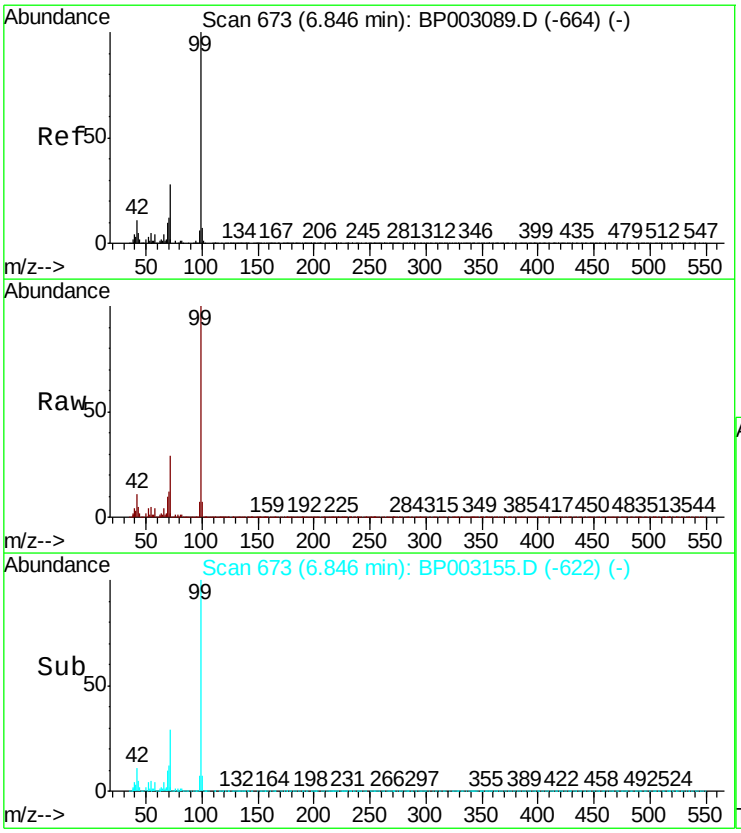
#5
2-Fluorophenol
Concen: 114.690 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampleId :
SU-03-082720

Tgt Ion:112 Resp: 1417280

Ion	Ratio	Lower	Upper
112	100		
64	40.0	33.0	49.6
63	21.5	16.9	25.3

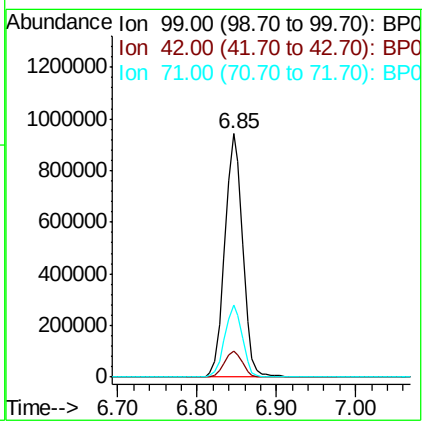


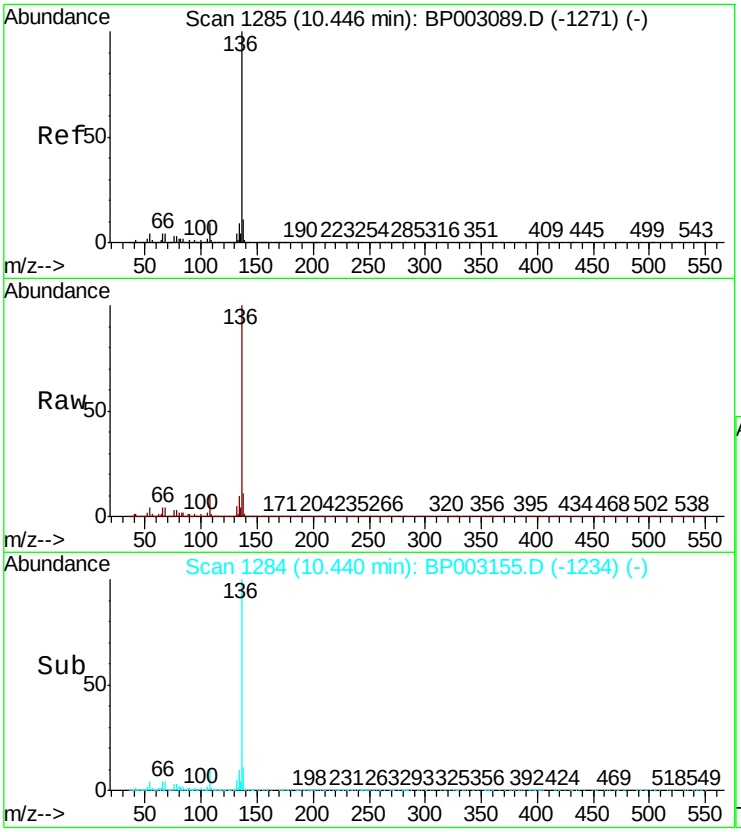


#7
Phenol-d6
Concen: 95.243 ng
RT: 6.85 min Scan# 673
Delta R.T. 0.00 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion: 99 Resp: 1475405

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	29.4	22.8	34.2



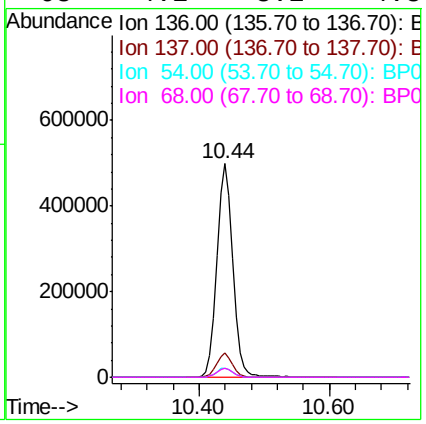


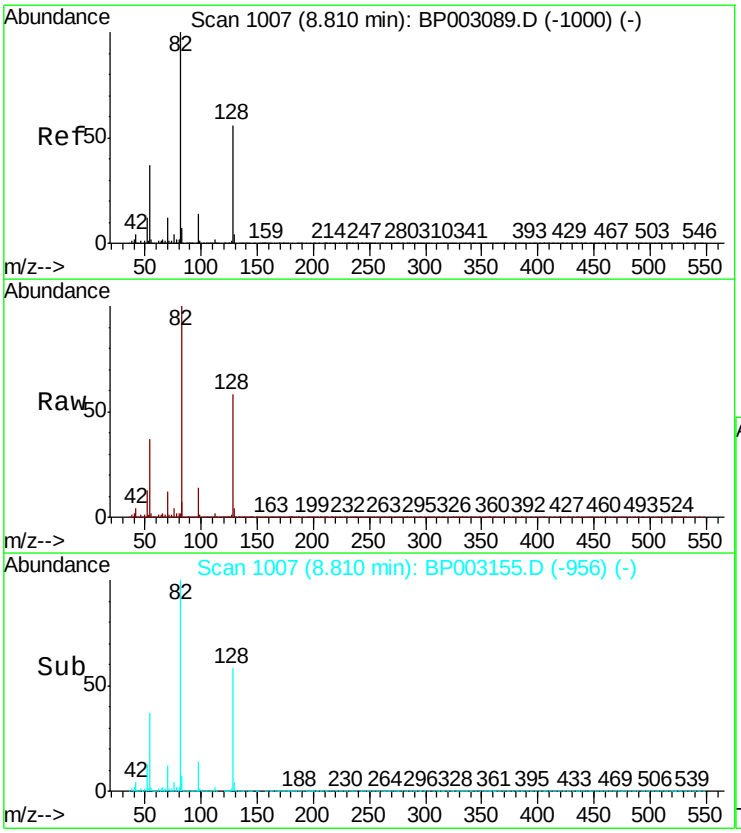
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampleId :
SU-03-082720

Tgt Ion:136 Resp: 845458

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	4.5	3.5	5.3
68	4.2	3.2	4.8

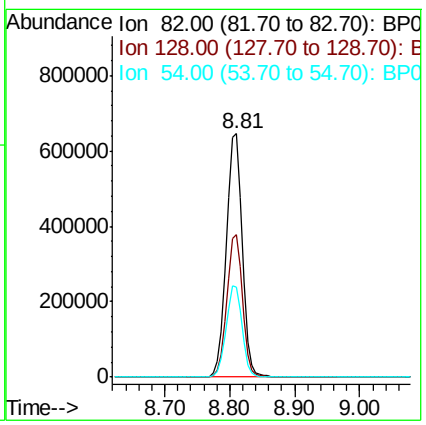


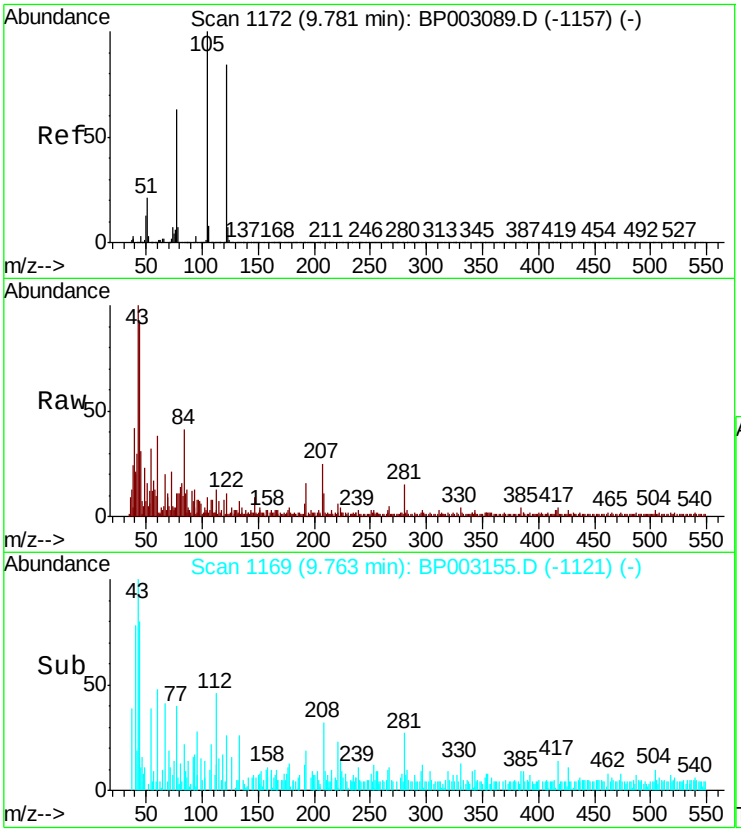


#23
Nitrobenzene-d5
Concen: 93.793 ng
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion: 82 Resp: 1099979

Ion	Ratio	Lower	Upper
82	100		
128	58.4	44.9	67.3
54	37.1	29.4	44.2



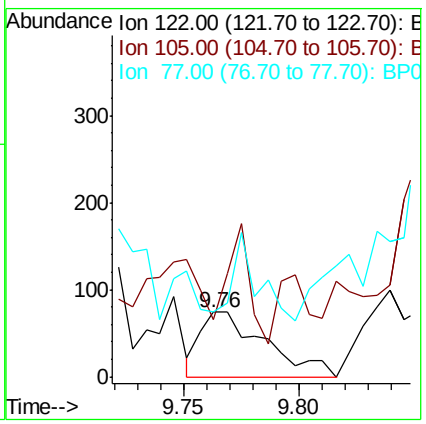


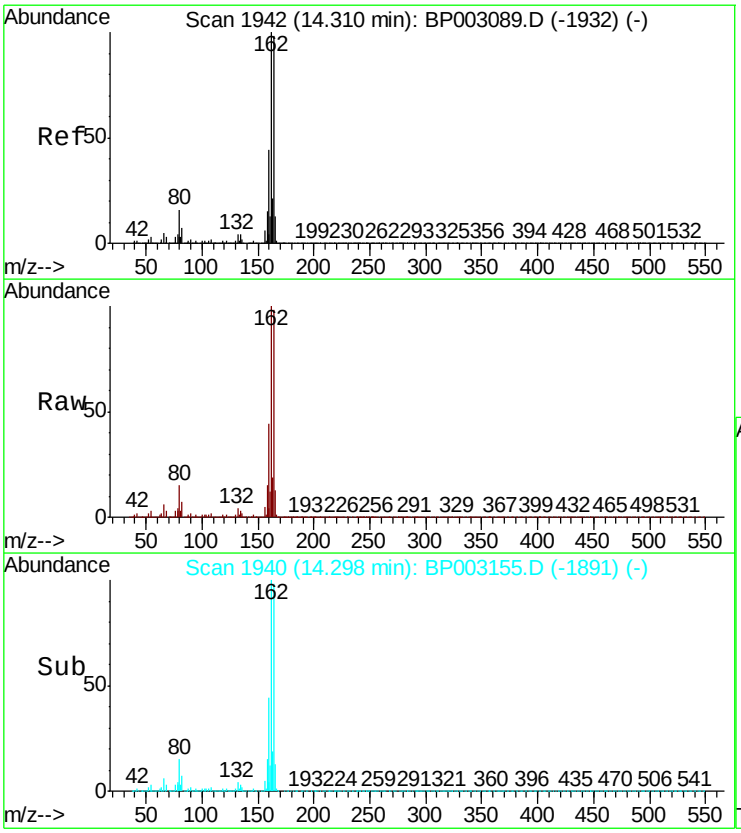
#32
Benzoic acid
Concen: 9.012 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampleId :
SU-03-082720

Tgt Ion:122 Resp: 146

Ion	Ratio	Lower	Upper
122	100		
105	87.8	98.1	138.1#
77	101.4	55.3	95.3#

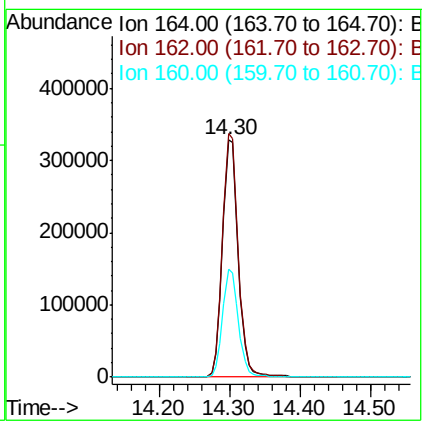


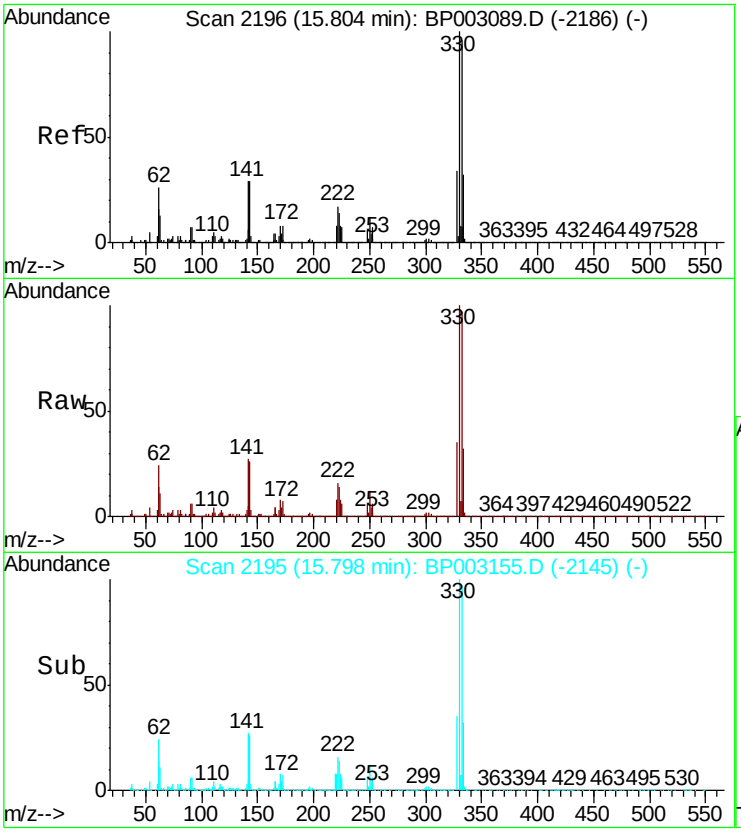


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion:164 Resp: 512231

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.2	121.8
160	45.3	36.0	54.0



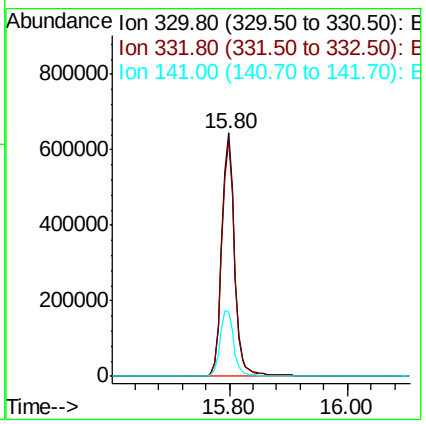


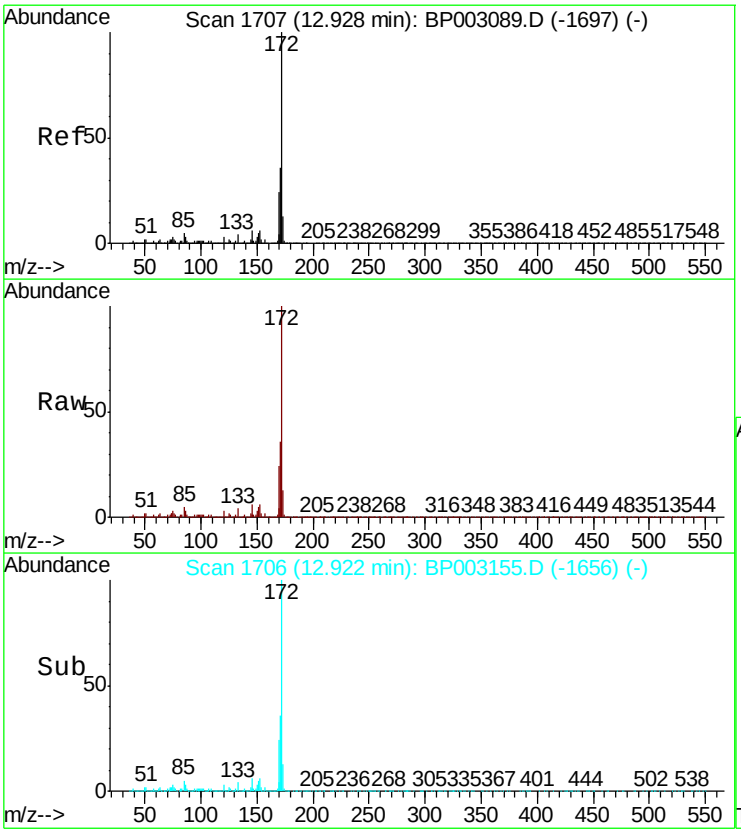
#42
2,4,6-Tribromophenol
Concen: 139.773 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampleId :
SU-03-082720

Tgt Ion:330 Resp: 968318

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	28.9	24.4	36.6

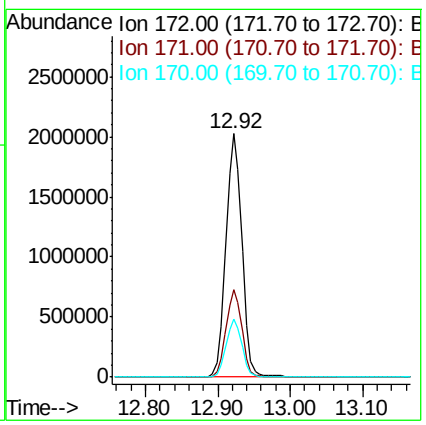


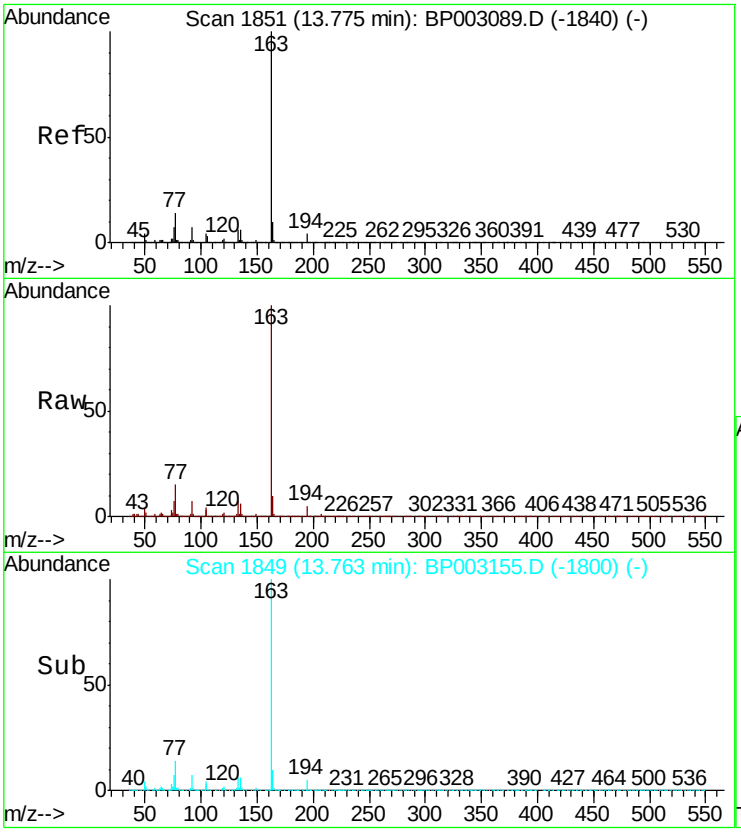


#45
2-Fluorobiphenyl
Concen: 88.962 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion:172 Resp: 3111697

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.8	19.0	28.4



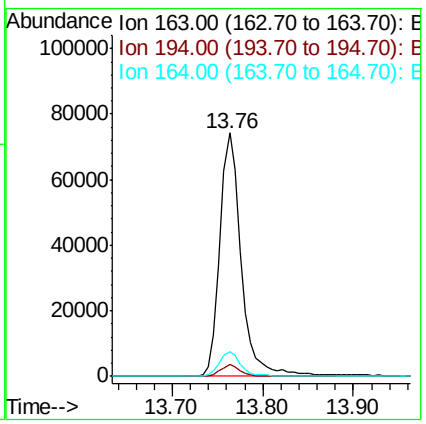


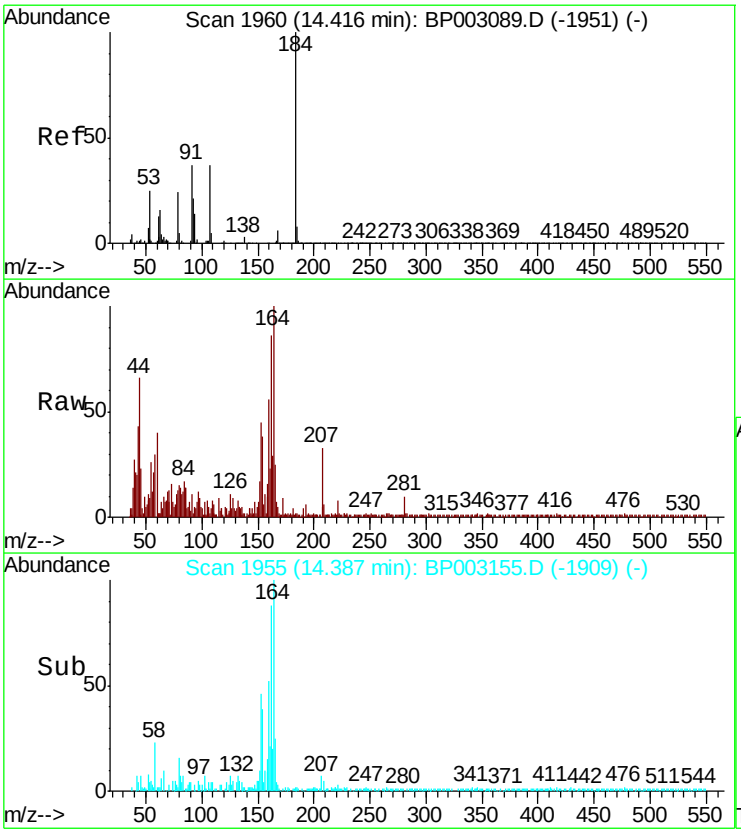
#50
Dimethylphthalate
Concen: 3.091 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampleId :
SU-03-082720

Tgt Ion:163 Resp: 120743

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.1	8.1	12.1

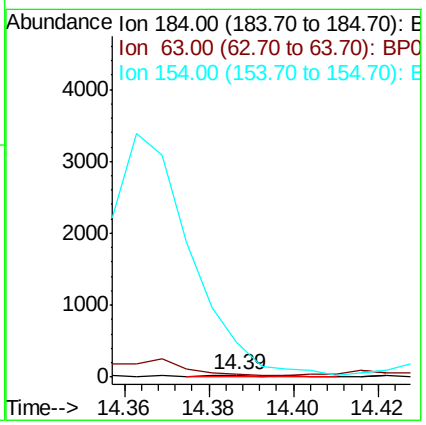


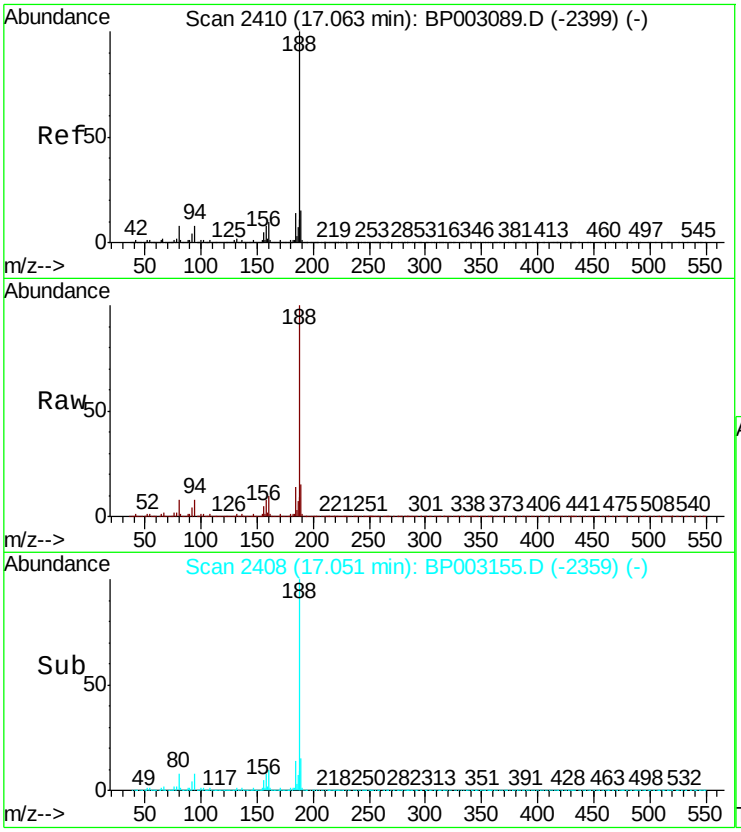


#54
2,4-Dinitrophenol
Concen: 7.761 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.03 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion:184 Resp: 30

Ion	Ratio	Lower	Upper
184	100		
63	153.6	32.0	48.0#
154	1746.4	48.2	72.2#



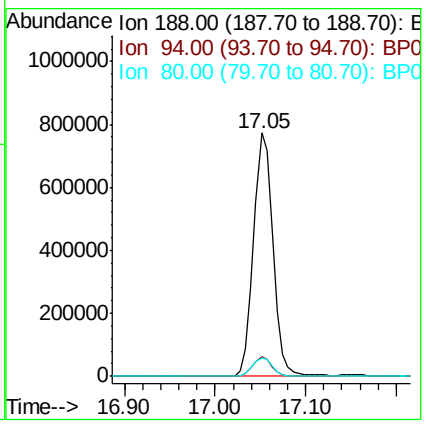


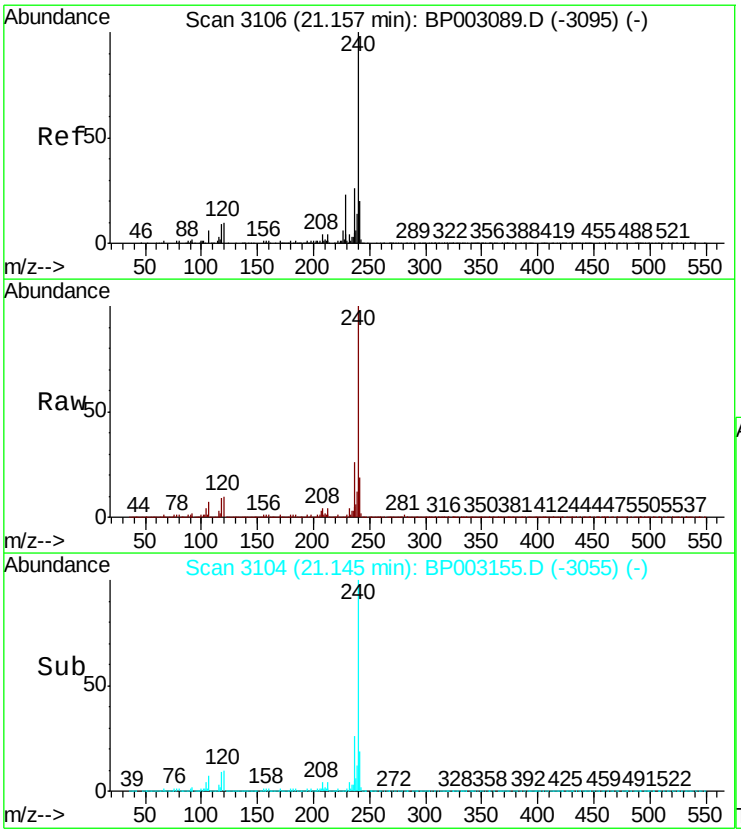
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampleId :
SU-03-082720

Tgt Ion:188 Resp: 1149057

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.2	9.4
80	7.6	6.4	9.6

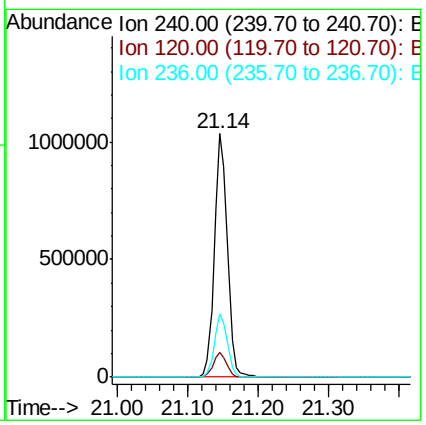


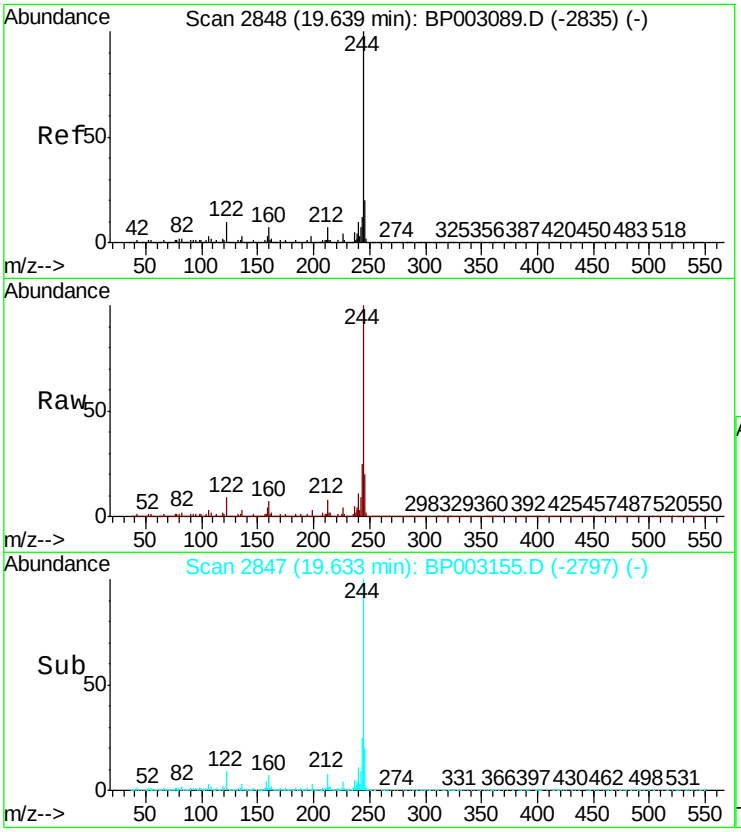


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion:240 Resp: 1319006

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.4	12.6
236	25.7	20.6	31.0



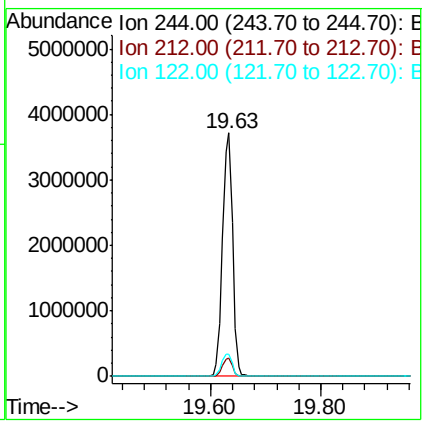


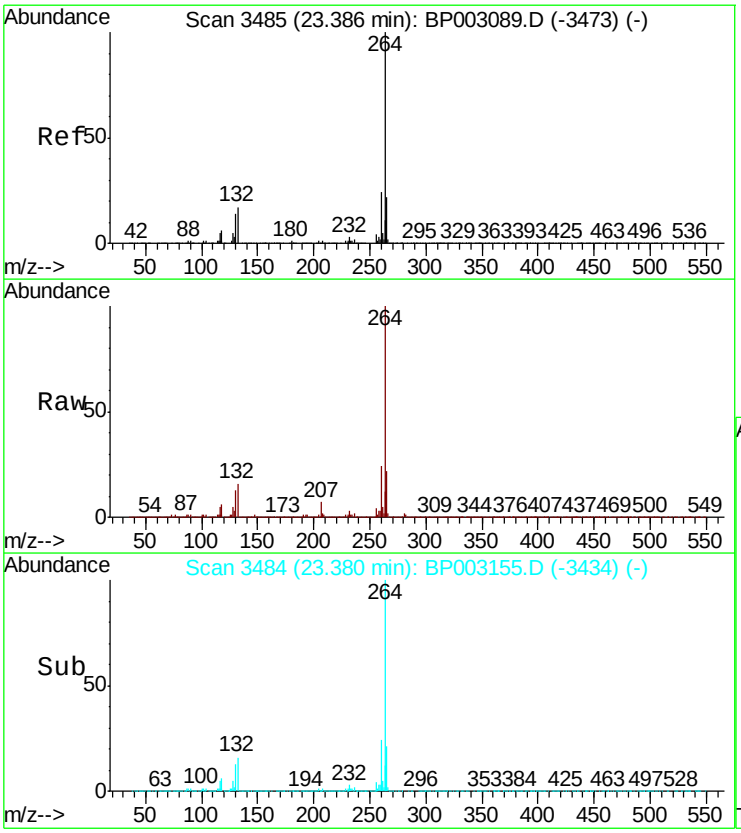
#79
Terphenyl-d14
Concen: 80.261 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Instrument :
BNA_P
ClientSampleId :
SU-03-082720

Tgt Ion:244 Resp: 4811072

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.0	7.7	11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003155.D
Acq: 28 Aug 2020 17:41

Tgt Ion:264 Resp: 1451233

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.6	17.7	26.5