Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000558.D
Acq On : 07 Oct 2019 21:21
Operator : JU
Sample : K5154-25
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 08 06:11:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	280980	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1006834	20.00	ng		-0.01
39) Acenaphthene-d10	9.81	164	550923	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	992533	20.00	ng		0.00
76) Chrysene-d12	13.98	240	879687	20.00	ng		0.00
87) Perylene-d12	15.46	264	872328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1311445	75.03	ng		0.00
7) Phenol-d6	6.40	99	1112639	52.82	ng		0.00
23) Nitrobenzene-d5	7.33	82	1291759	78.36	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	694473	118.29	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2737282	80.39	ng		0.00
79) Terphenyl-d14	12.92	244	3497216	80.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	41483	5.943	ng		97
10) Phenol	6.42	94	100062	4.640	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	158135	16.287	ng	#	73
25) Isophorone	7.33	82	1291629	44.147	ng	#	61
35) Caprolactam	8.44	113	29188	6.013	ng		94
41) Hexachlorocyclopentadiene	8.68	237	23	7.300	ng		76
50) Dimethylphthalate	9.52	163	196444	5.132	ng		99
51) 2,6-Dinitrotoluene	9.81	165	71838	8.605	ng	#	35
57) 2,4-Dinitrotoluene	9.81	165	71838	6.490	ng	#	31
67) 4-Bromophenyl-phenylether	10.61	248	47445	4.247	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000558.D
Acq On : 07 Oct 2019 21:21
Operator : JU
Sample : K5154-25
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
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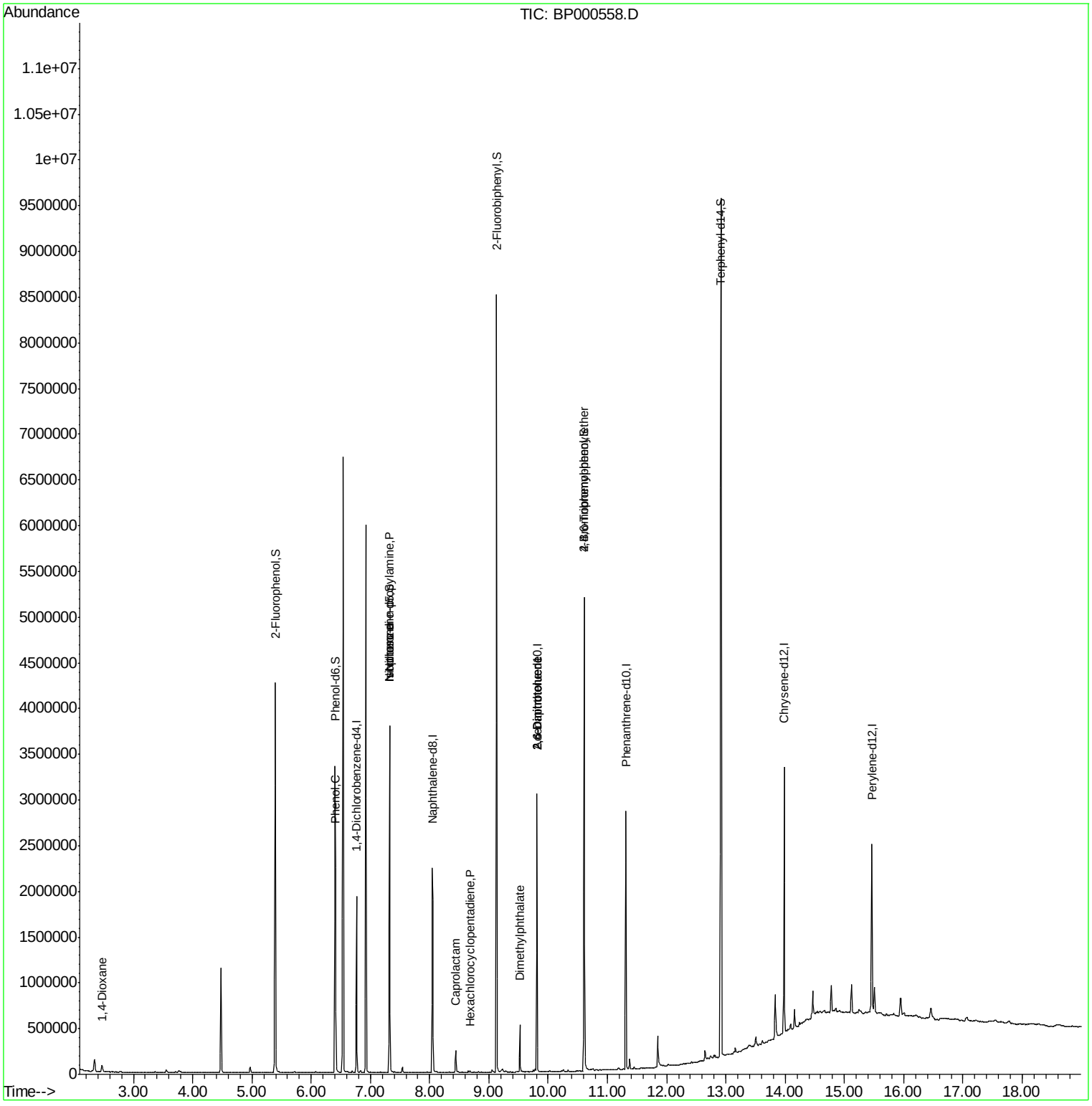
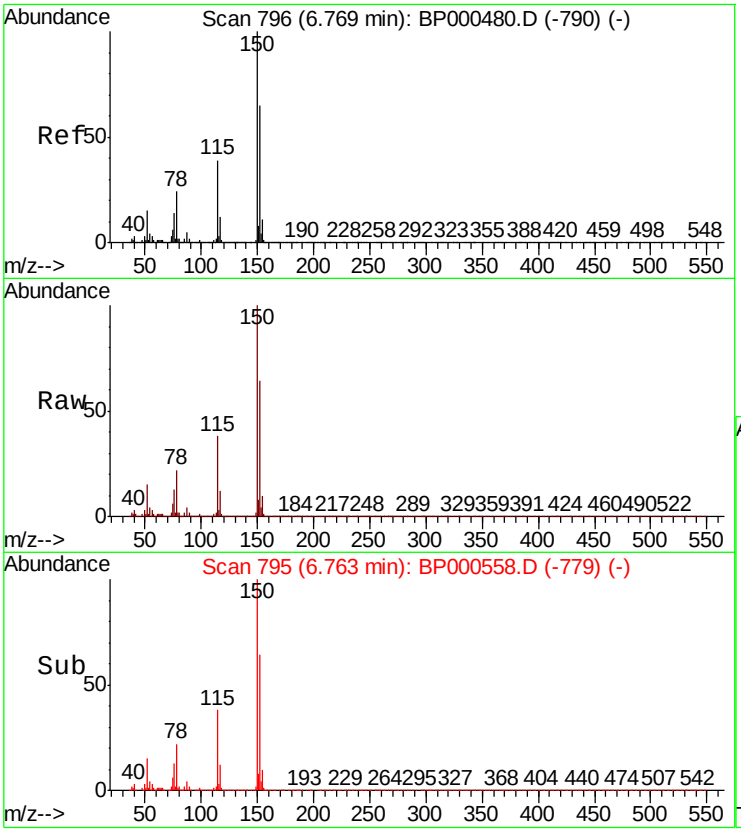


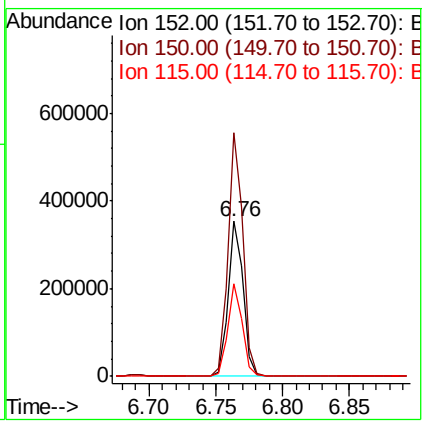


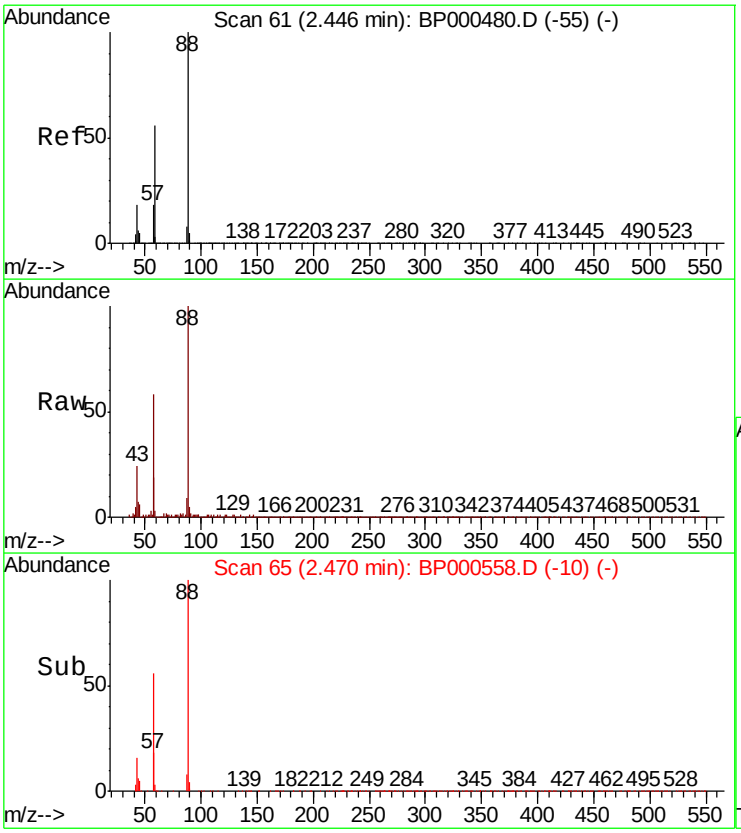
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 280980

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.1	186.1
115	59.3	48.7	73.1

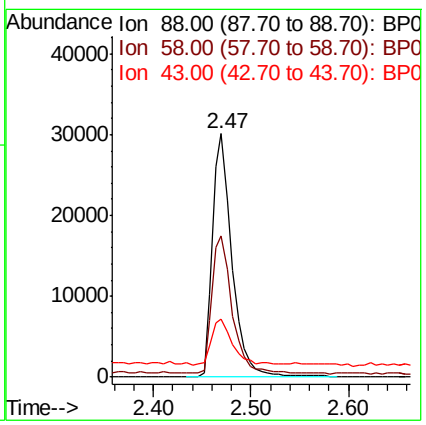


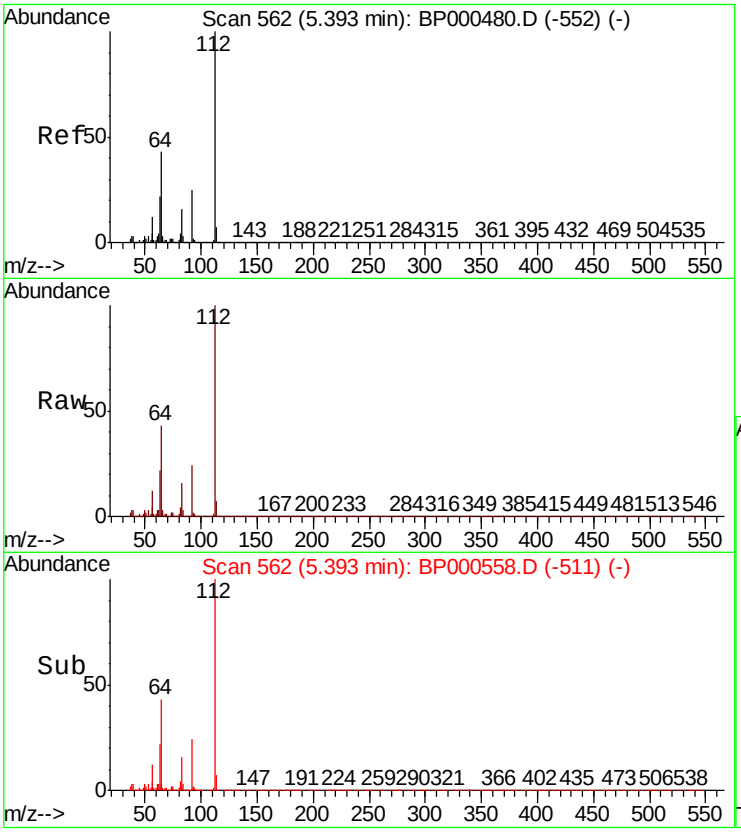


#2
1,4-Dioxane
Concen: 5.943 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.02 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion: 88 Resp: 41483

Ion	Ratio	Lower	Upper
88	100		
58	58.3	45.3	67.9
43	20.5	14.5	21.7



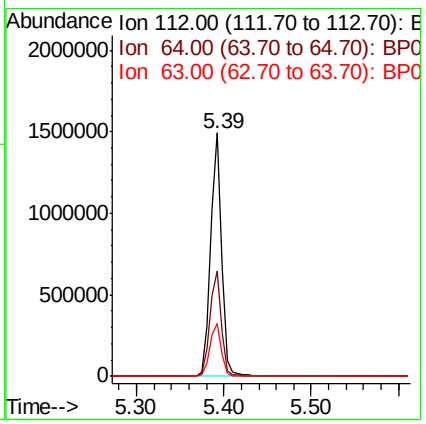


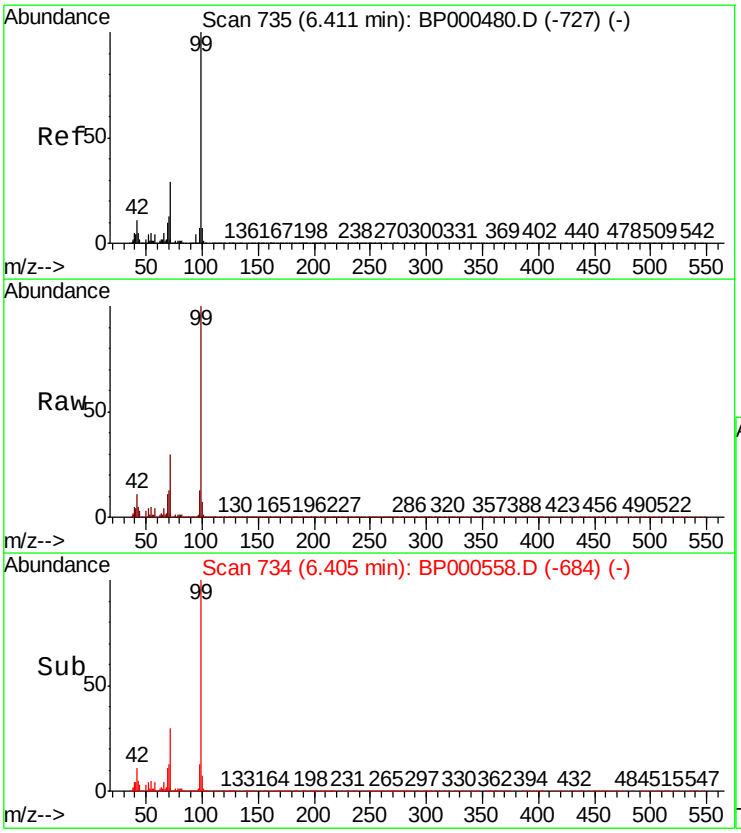
#5
2-Fluorophenol
Concen: 75.026 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:112 Resp: 1311445

Ion	Ratio	Lower	Upper
112	100		
64	43.2	34.2	51.4
63	21.9	17.9	26.9

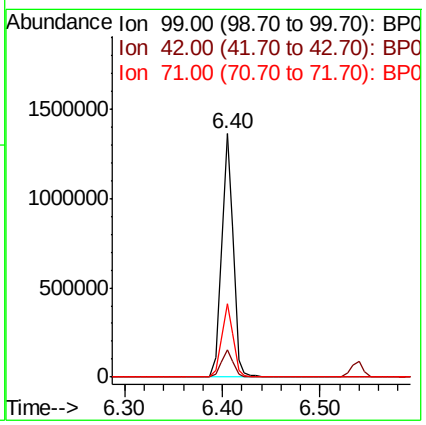


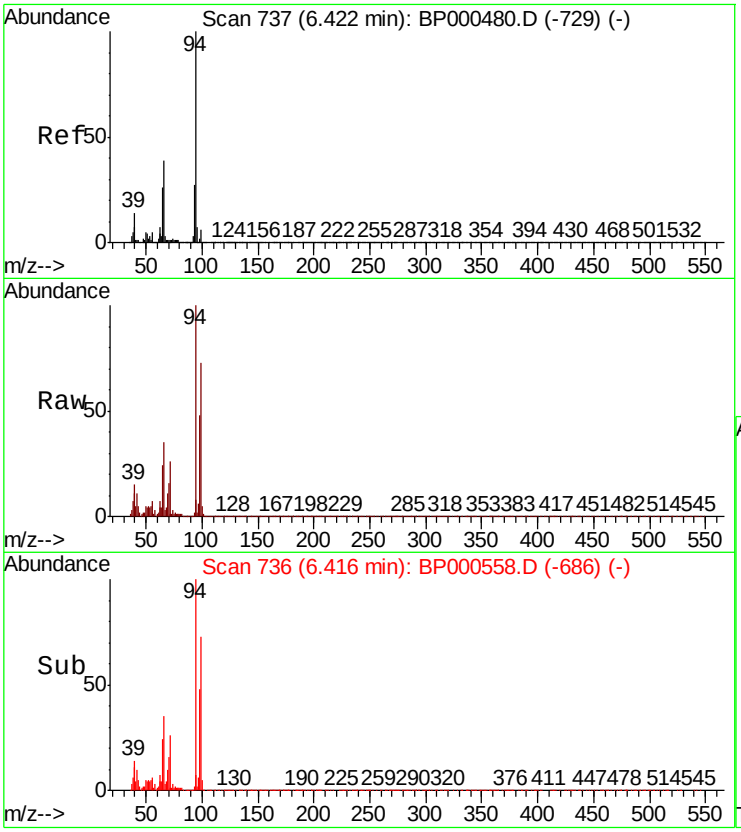


#7
Phenol-d6
Concen: 52.822 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion: 99 Resp: 1112639

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.6	12.8
71	30.1	23.0	34.4



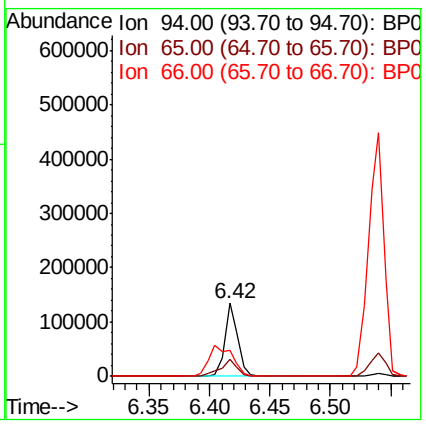


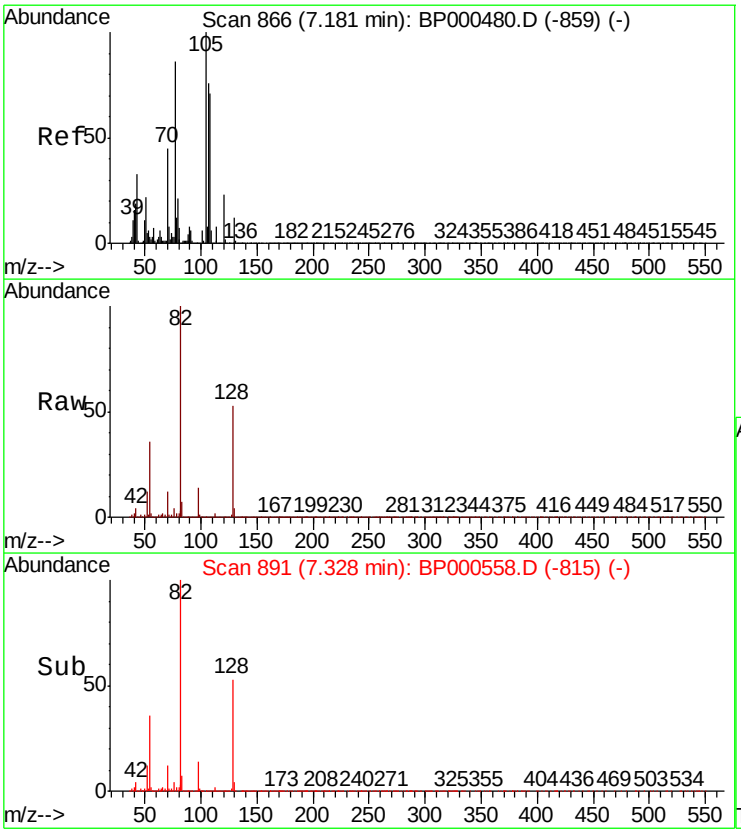
#10
Phenol
Concen: 4.640 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 100062

Ion	Ratio	Lower	Upper
94	100		
65	24.0	5.9	45.9
66	34.7	18.8	58.8

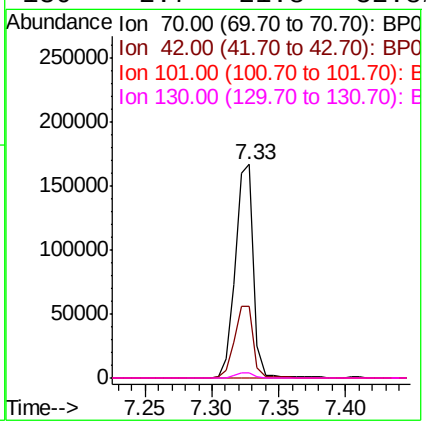


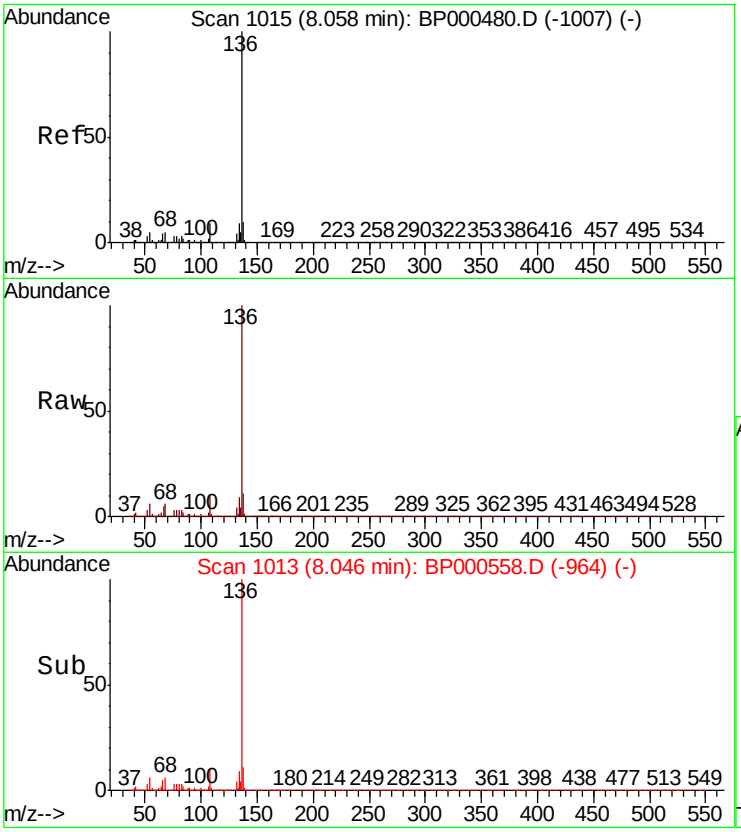


#19
n-Nitroso-di-n-propylamine
Concen: 16.287 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion: 70 Resp: 158135

Ion	Ratio	Lower	Upper
70	100		
42	33.3	33.2	49.8
101	0.0	9.9	14.9#
130	2.7	21.8	32.8#



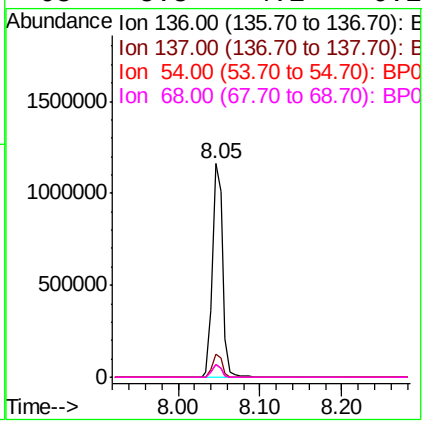


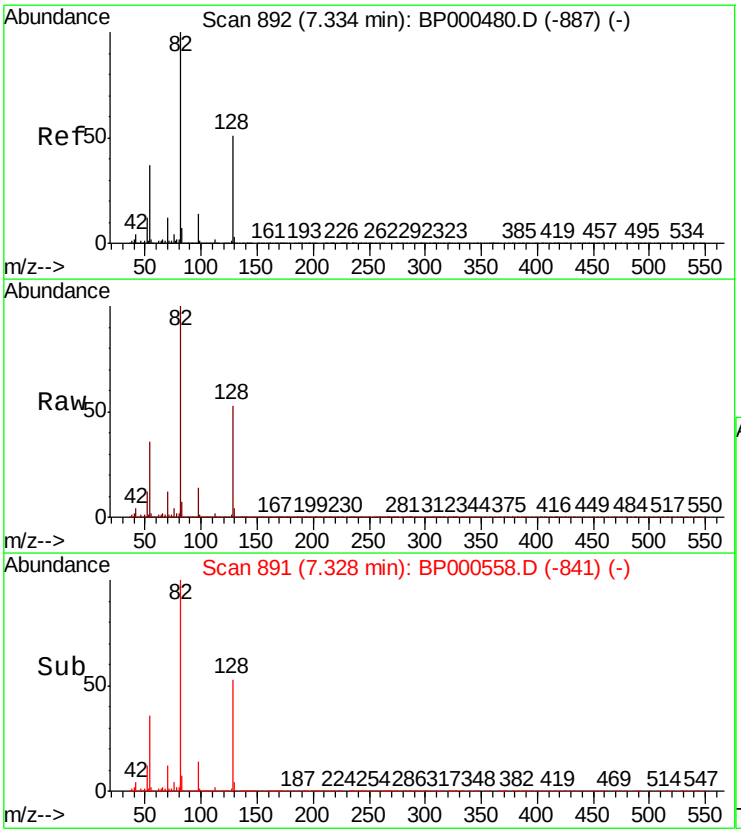
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 1006834

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	6.0	4.1	6.1
68	5.8	4.1	6.1

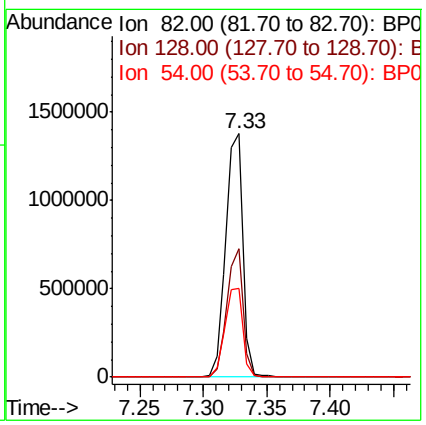


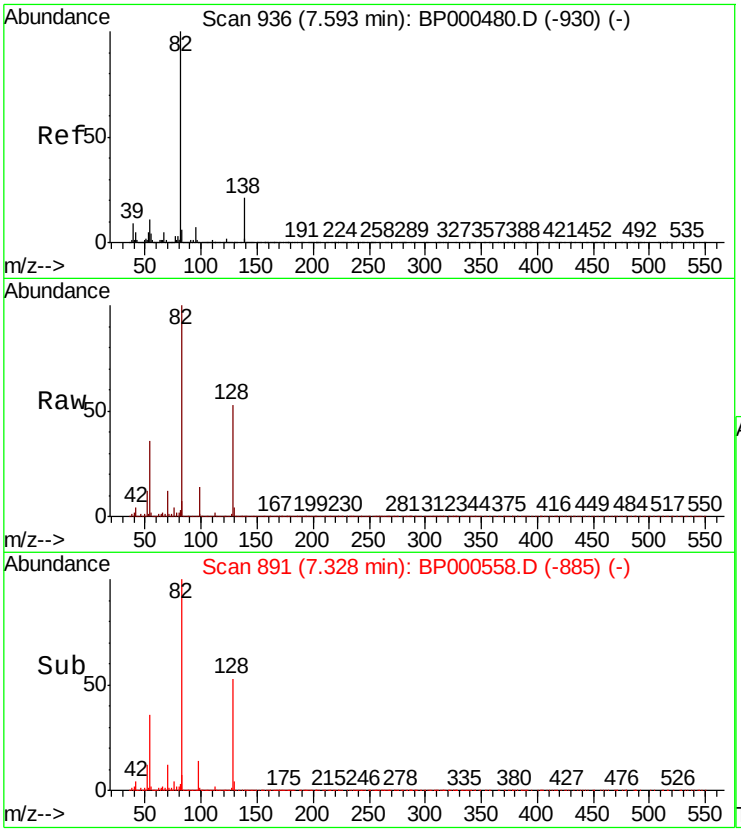


#23
Nitrobenzene-d5
Concen: 78.359 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion: 82 Resp: 1291759

Ion	Ratio	Lower	Upper
82	100		
128	52.7	40.9	61.3
54	36.2	29.4	44.2



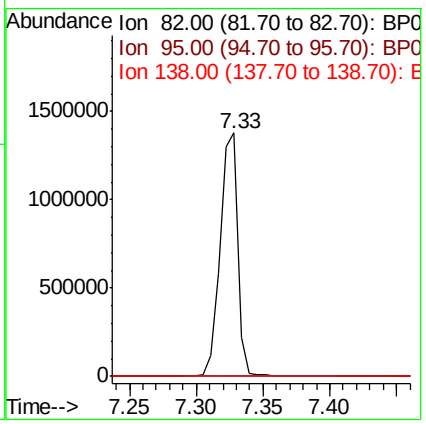


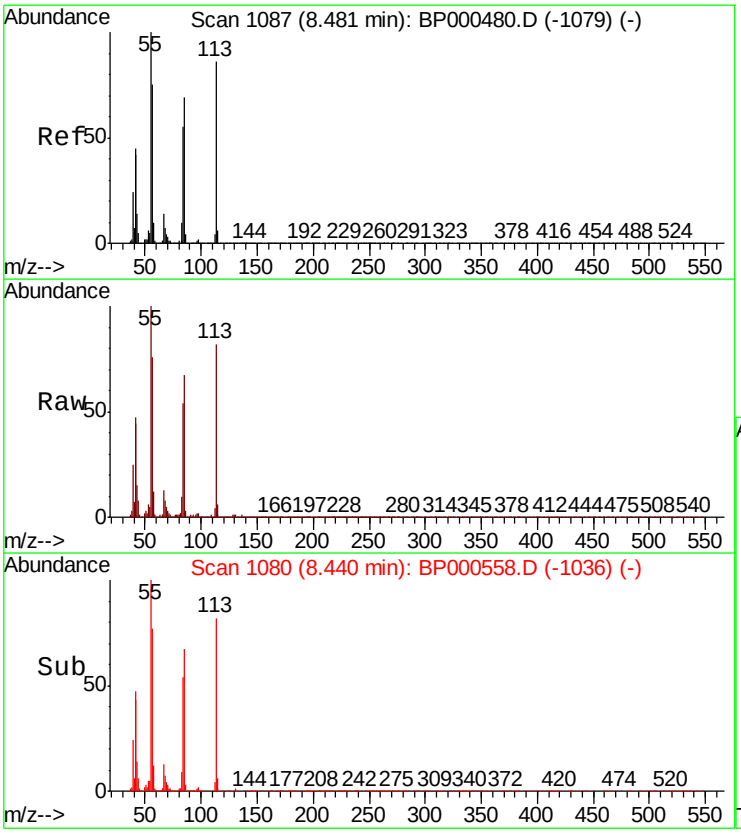
#25
Isophorone
Concen: 44.147 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1291629

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

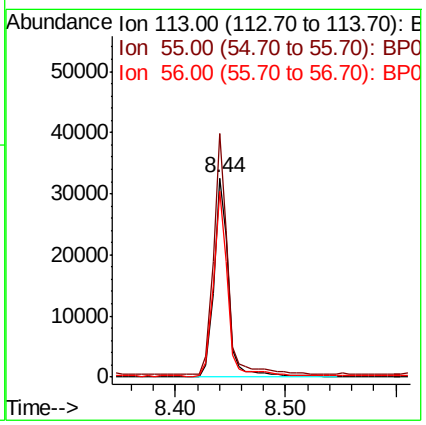


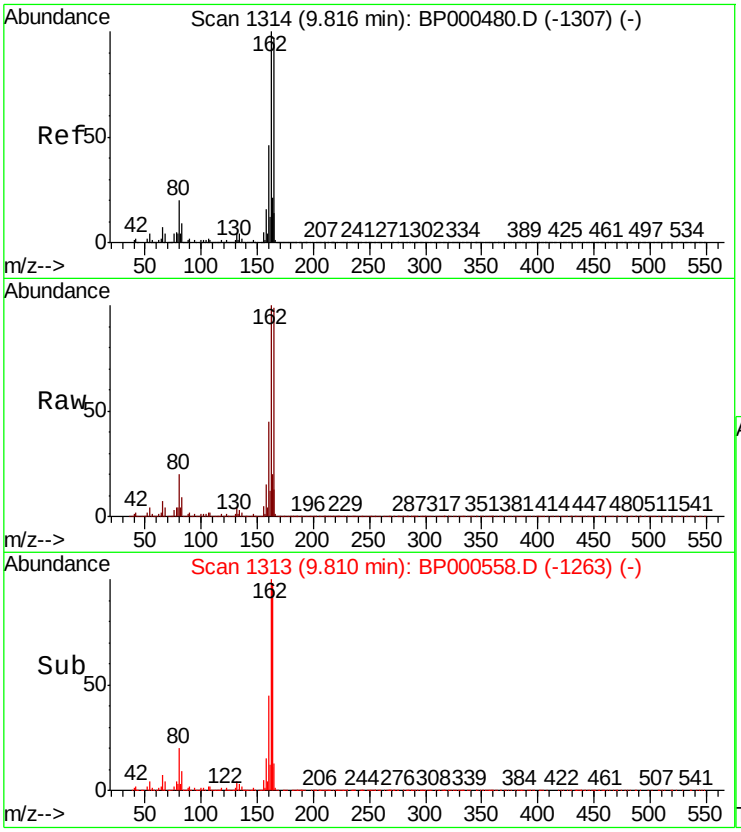


#35
Caprolactam
Concen: 6.013 ng
RT: 8.44 min Scan# 1080
Delta R.T. -0.04 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:113 Resp: 29188

Ion	Ratio	Lower	Upper
113	100		
55	122.4	95.9	135.9
56	93.6	67.2	107.2



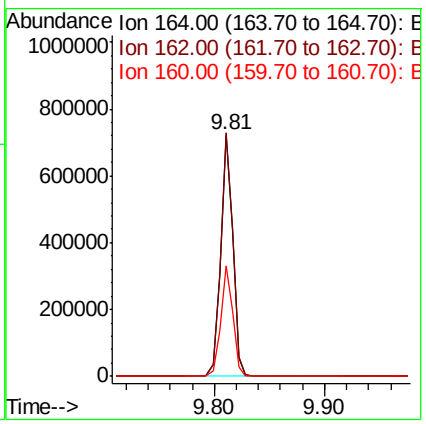


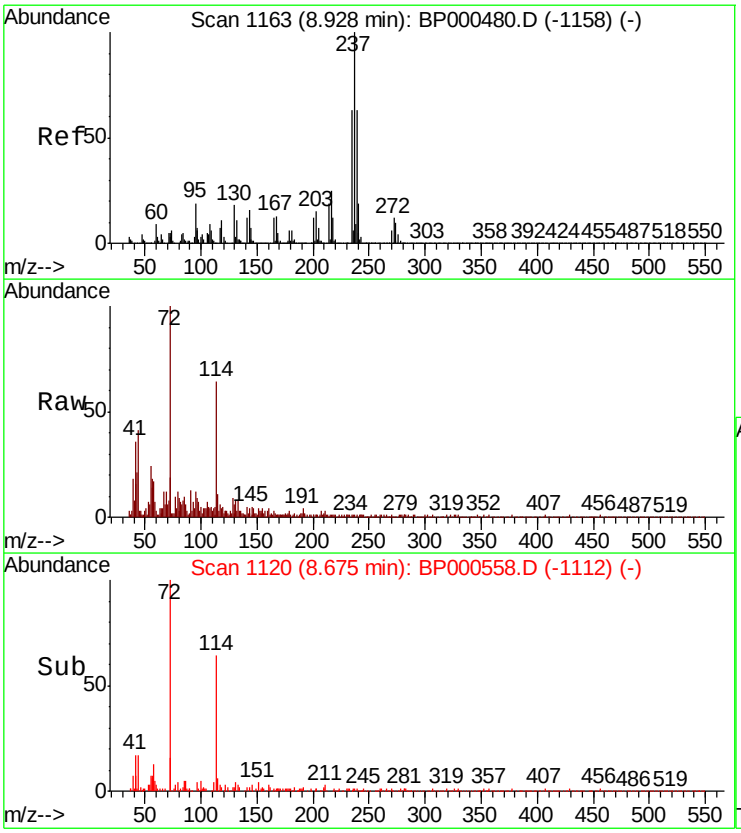
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 550923

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	45.9	37.6	56.4

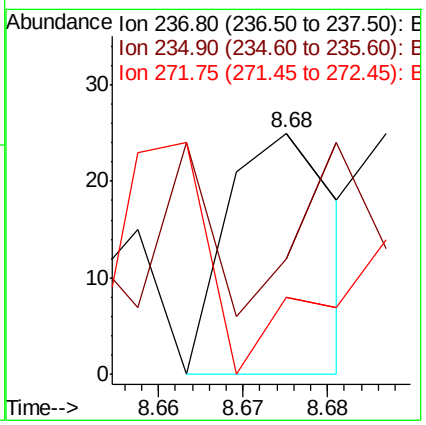


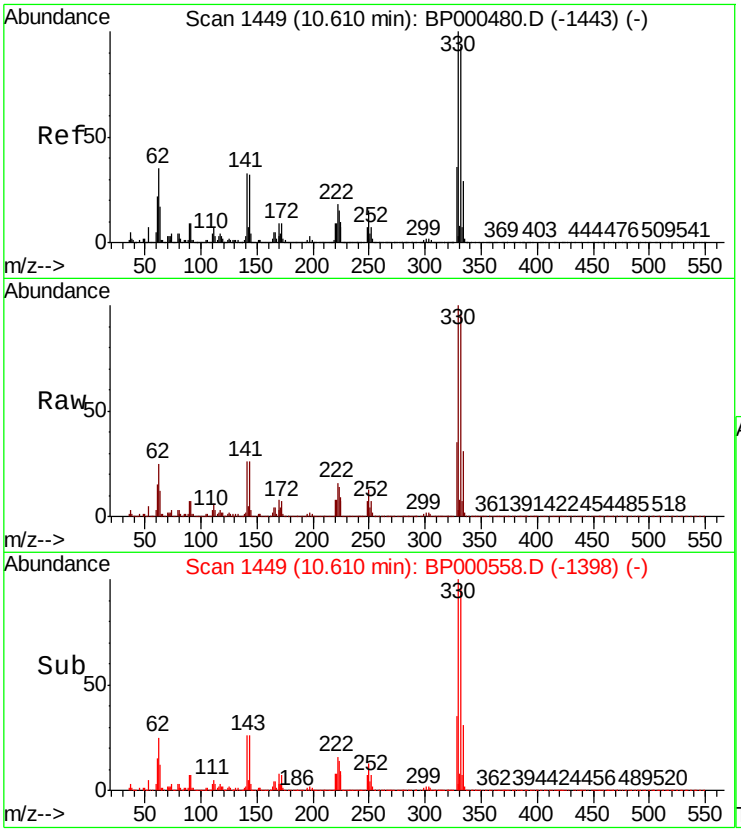


#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.68 min Scan# 1120
Delta R.T. -0.25 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:237 Resp: 23

Ion	Ratio	Lower	Upper
237	100		
235	48.0	42.9	82.9
272	32.0	0.0	32.4



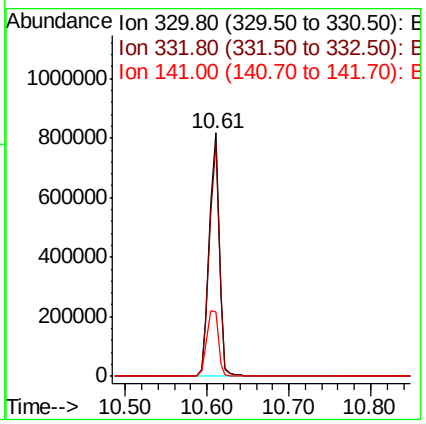


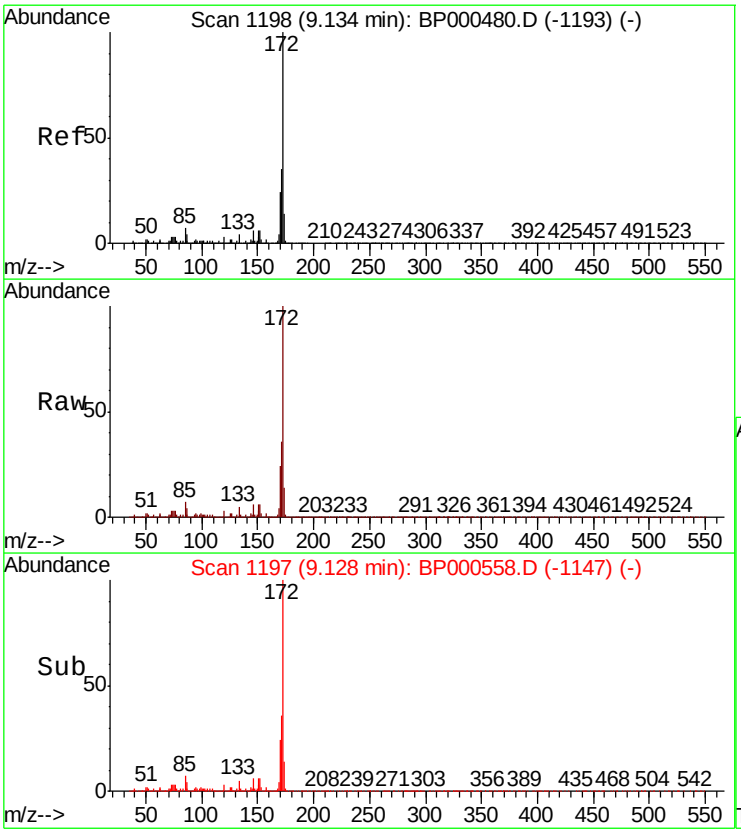
#42
2,4,6-Tribromophenol
Concen: 118.294 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 694473

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	31.3	26.0	39.0

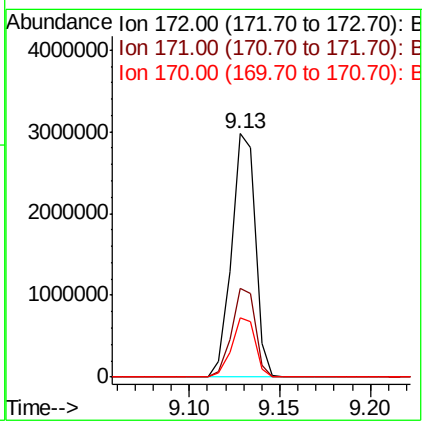


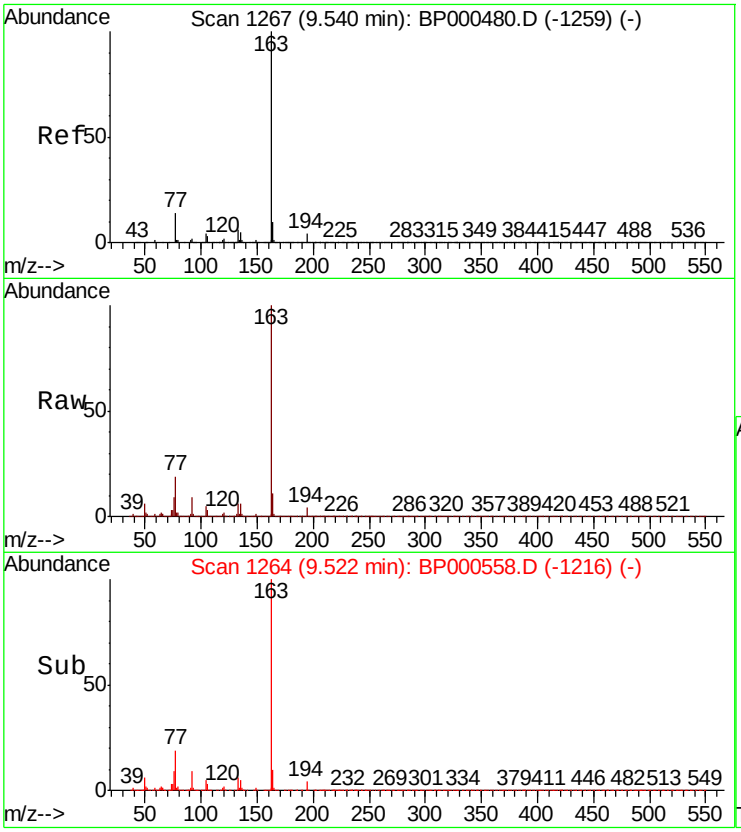


#45
2-Fluorobiphenyl
Concen: 80.391 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:172 Resp: 2737282

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.4	42.6
170	24.2	19.1	28.7



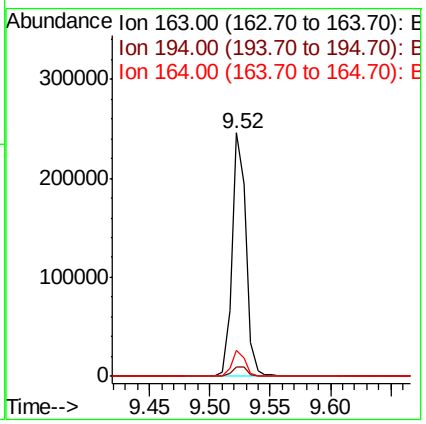


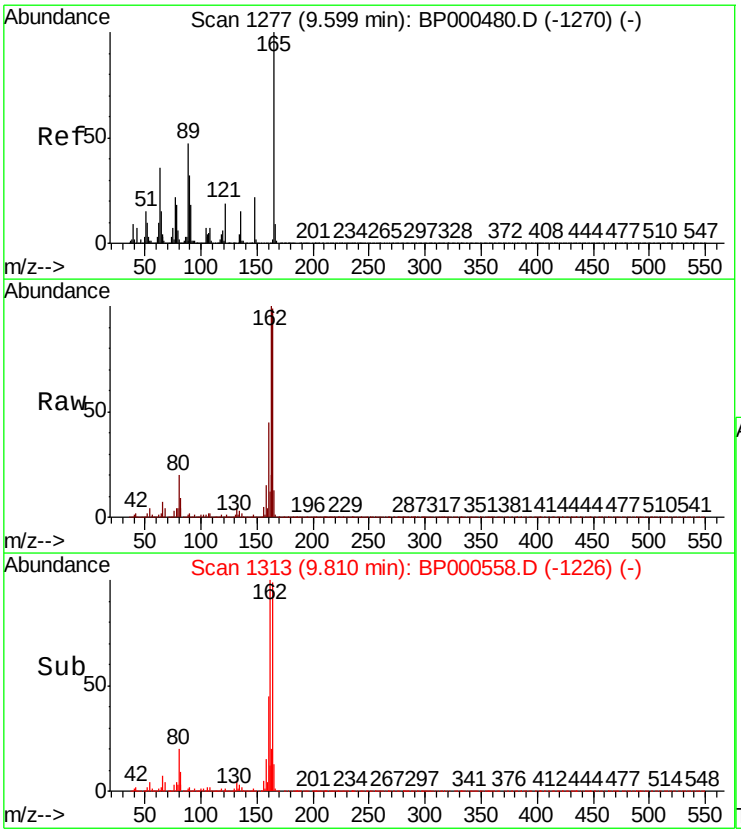
#50
Dimethylphthalate
Concen: 5.132 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 196444

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.5	8.0	12.0

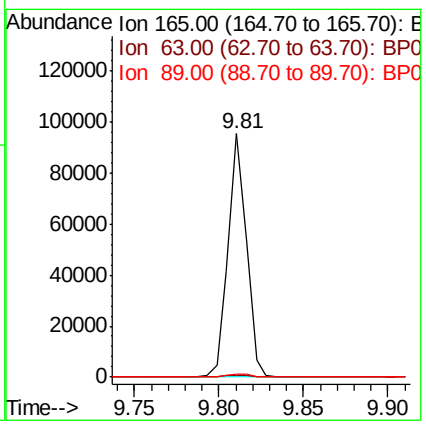


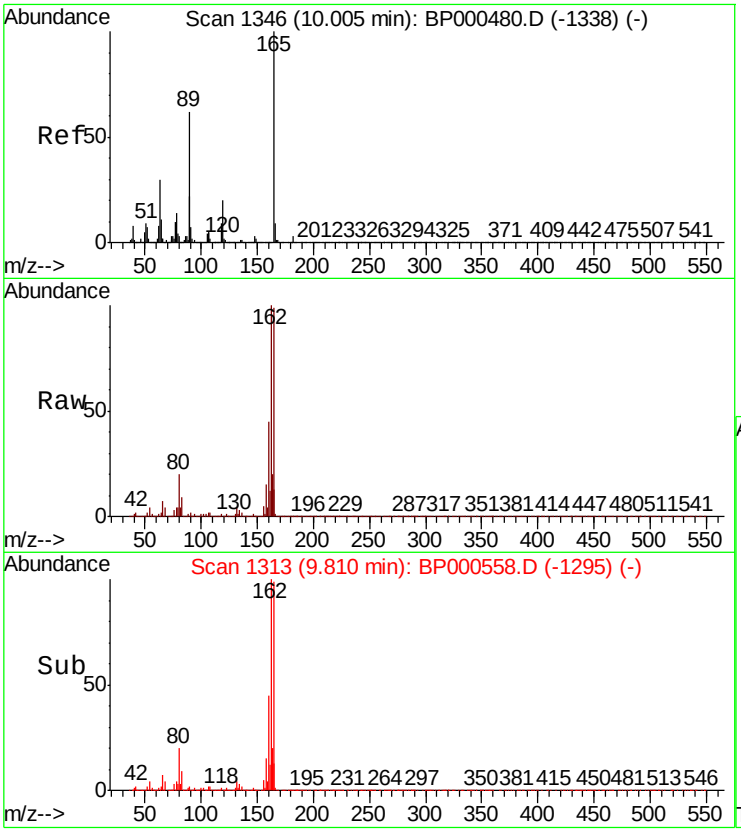


#51
2,6-Dinitrotoluene
Concen: 8.605 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.21 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:165 Resp: 71838

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.9	44.9#
89	1.1	37.3	55.9#



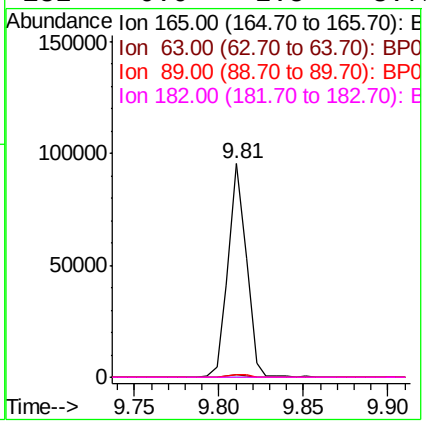


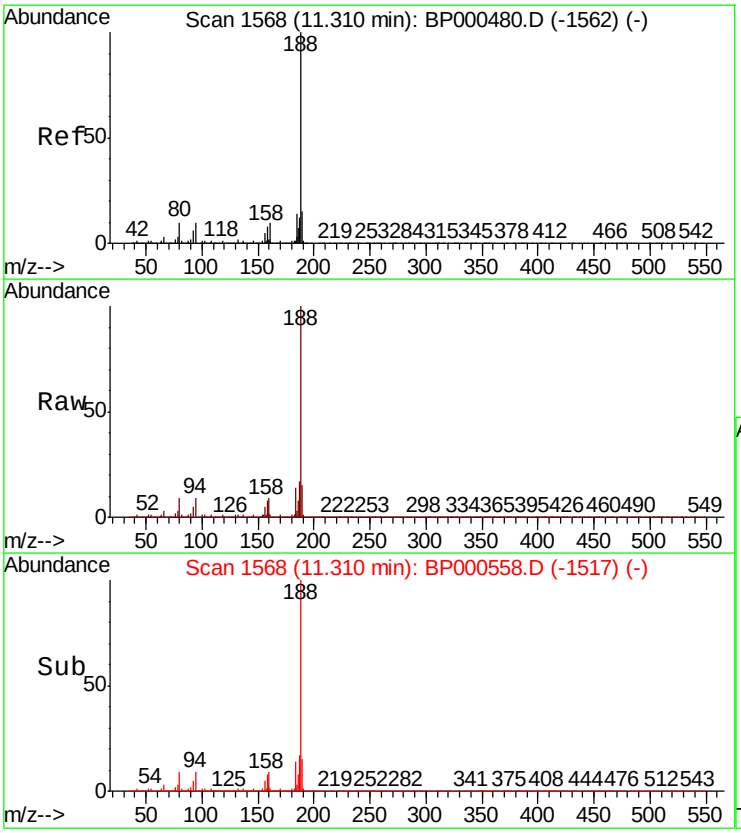
#57
2,4-Dinitrotoluene
Concen: 6.490 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 71838

Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.1	49.4	74.0#
182	0.0	2.5	3.7#

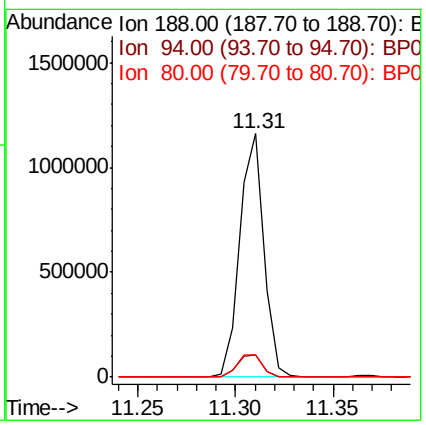


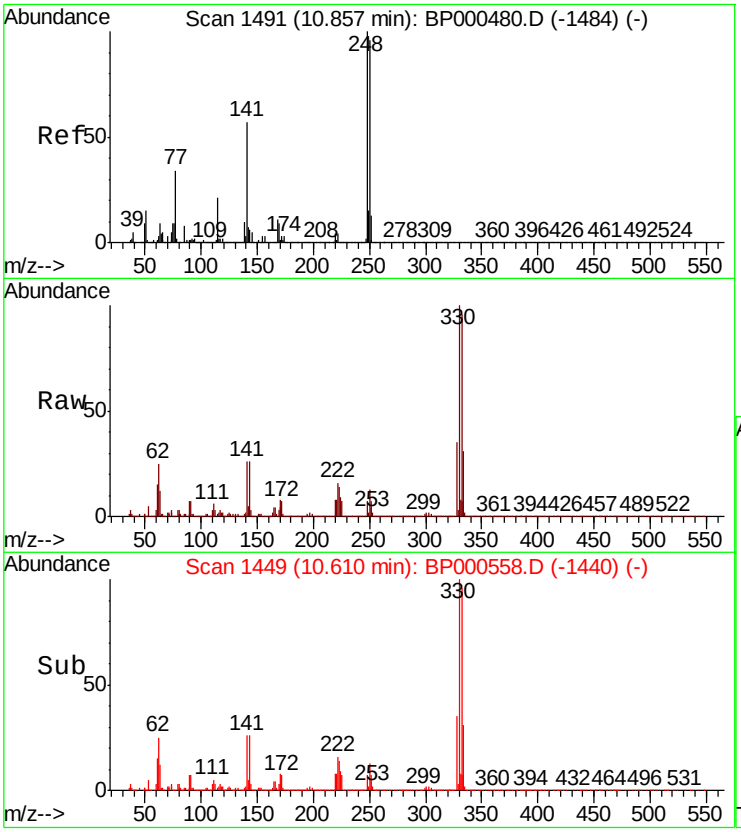


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:188 Resp: 992533

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.2	8.3	12.5



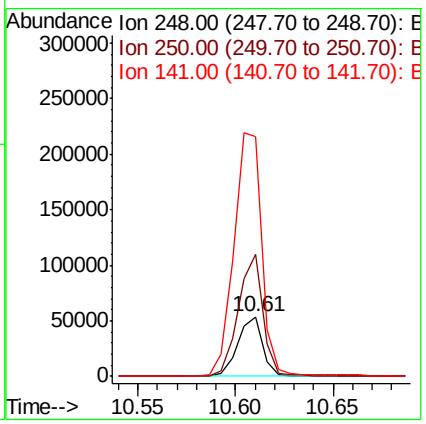


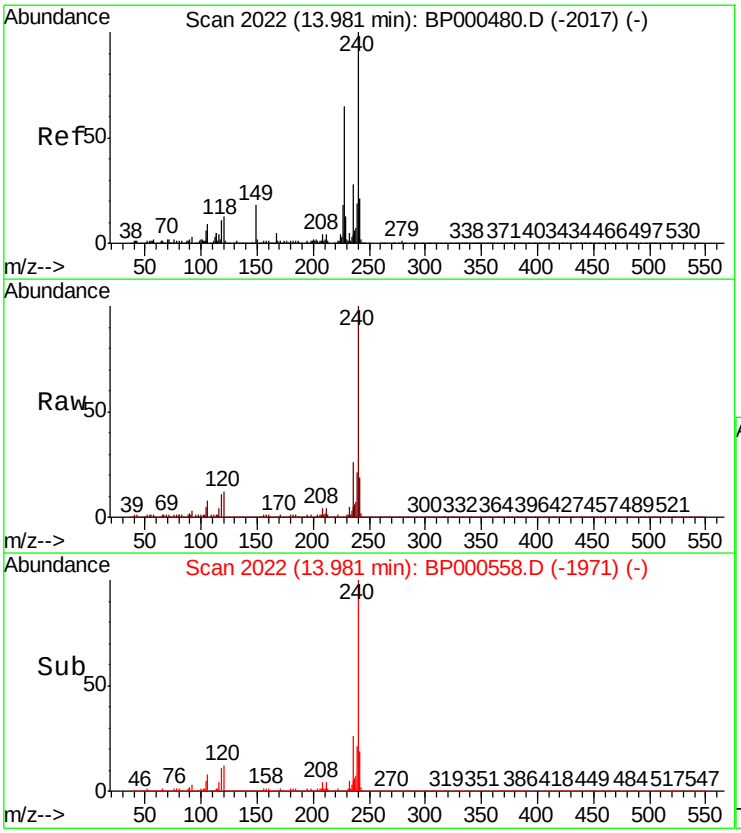
#67
4-Bromophenyl-phenylether
Concen: 4.247 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 47445

Ion	Ratio	Lower	Upper
248	100		
250	206.0	77.2	115.8#
141	402.7	45.3	67.9#

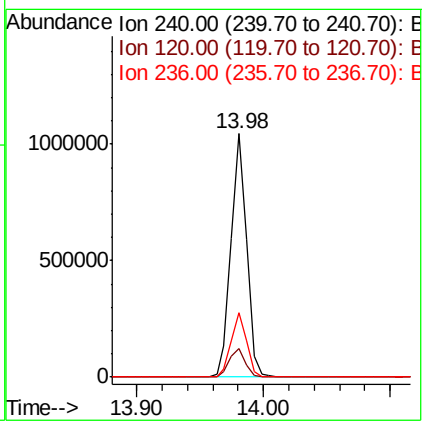


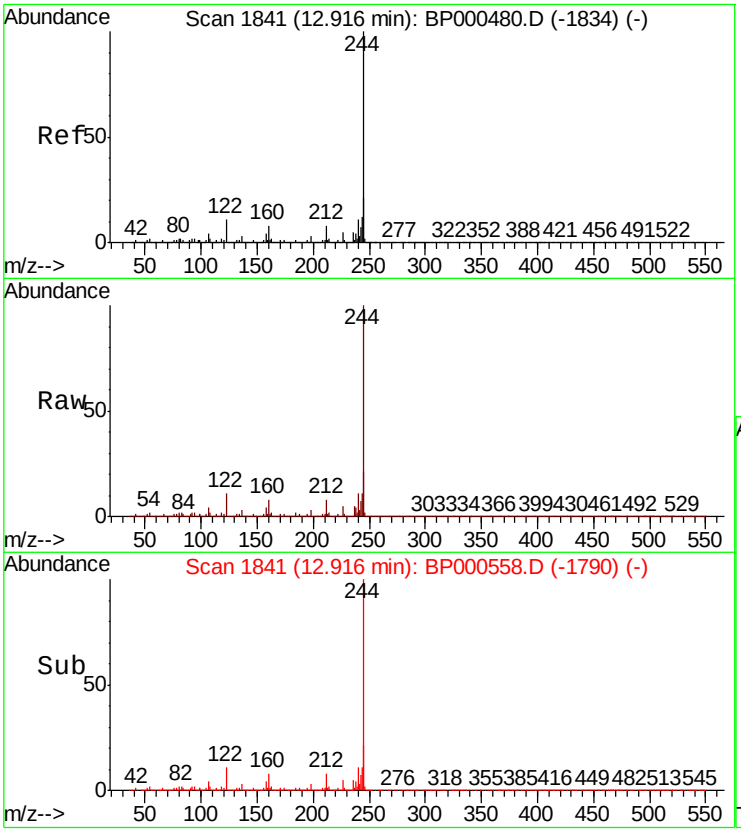


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:240 Resp: 879687

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.1	15.1
236	26.3	22.7	34.1



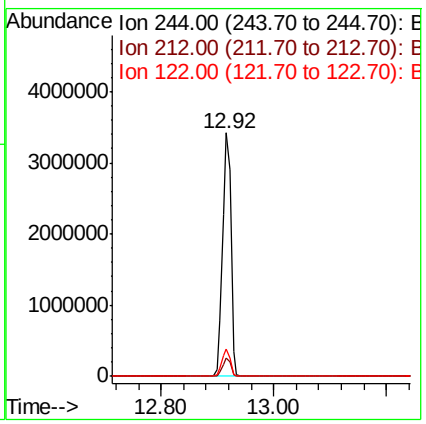


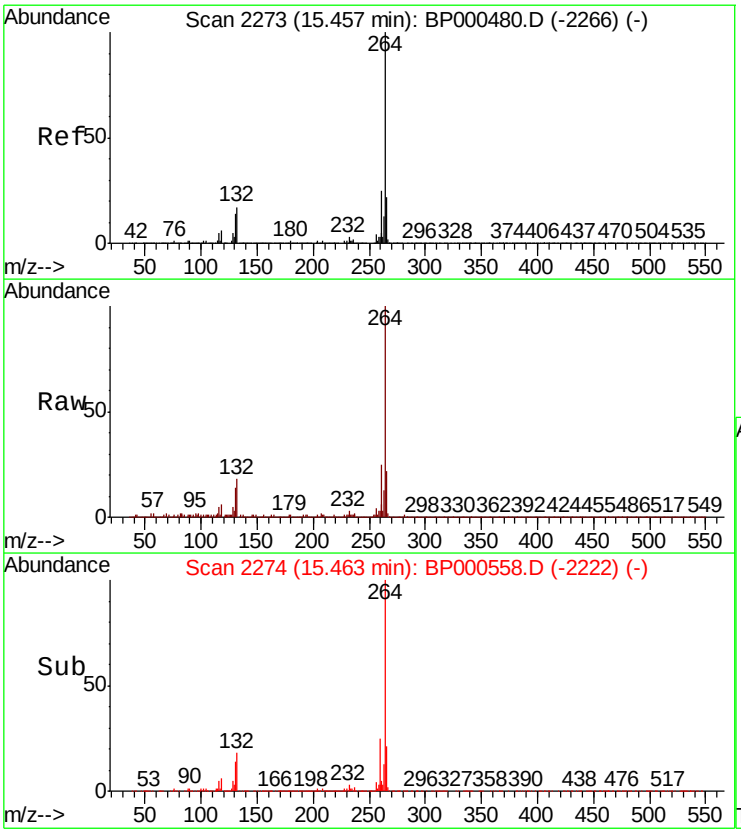
#79
Terphenyl-d14
Concen: 80.493 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 3497216

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.3	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:264 Resp: 872328

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.3	30.5
265	21.6	18.0	27.0