Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000422.D
Acq On : 26 Sep 2019 15:09
Operator : JU
Sample : K5008-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 27 00:11:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	241431	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	869120	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	518511	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	960000	20.00	ng		0.00
76) Chrysene-d12	14.00	240	843235	20.00	ng		0.00
87) Perylene-d12	15.49	264	933295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1184401	84.69	ng		0.01
7) Phenol-d6	6.43	99	1108625	64.67	ng		0.00
23) Nitrobenzene-d5	7.35	82	1037048	76.99	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	583463	113.45	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2172617	75.41	ng		0.00
79) Terphenyl-d14	12.94	244	2797126	69.59	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.11	42	13599	2.839	ng	#	1
9) Benzaldehyde	6.35	77	16940	Below Cal		#	1
10) Phenol	6.44	94	117026	6.008	ng		98
15) Benzyl Alcohol	6.95	79	34475	2.763	ng	#	42
18) Hexachloroethane	7.33	117	302966	45.533	ng	#	1
22) Acetophenone	7.19	105	62077	3.296	ng	#	60
24) Nitrobenzene	7.36	77	98294	7.025	ng	#	11
35) Caprolactam	8.50	113	22436	5.208	ng	#	31
50) Dimethylphthalate	9.55	163	293188	8.299	ng		99
57) 2,4-Dinitrotoluene	9.83	165	67535	6.651	ng	#	37
67) 4-Bromophenyl-phenylether	10.63	248	40633	3.743	ng	#	1
69) Atrazine	11.02	200	107	Below Cal		#	1

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

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Instrument :
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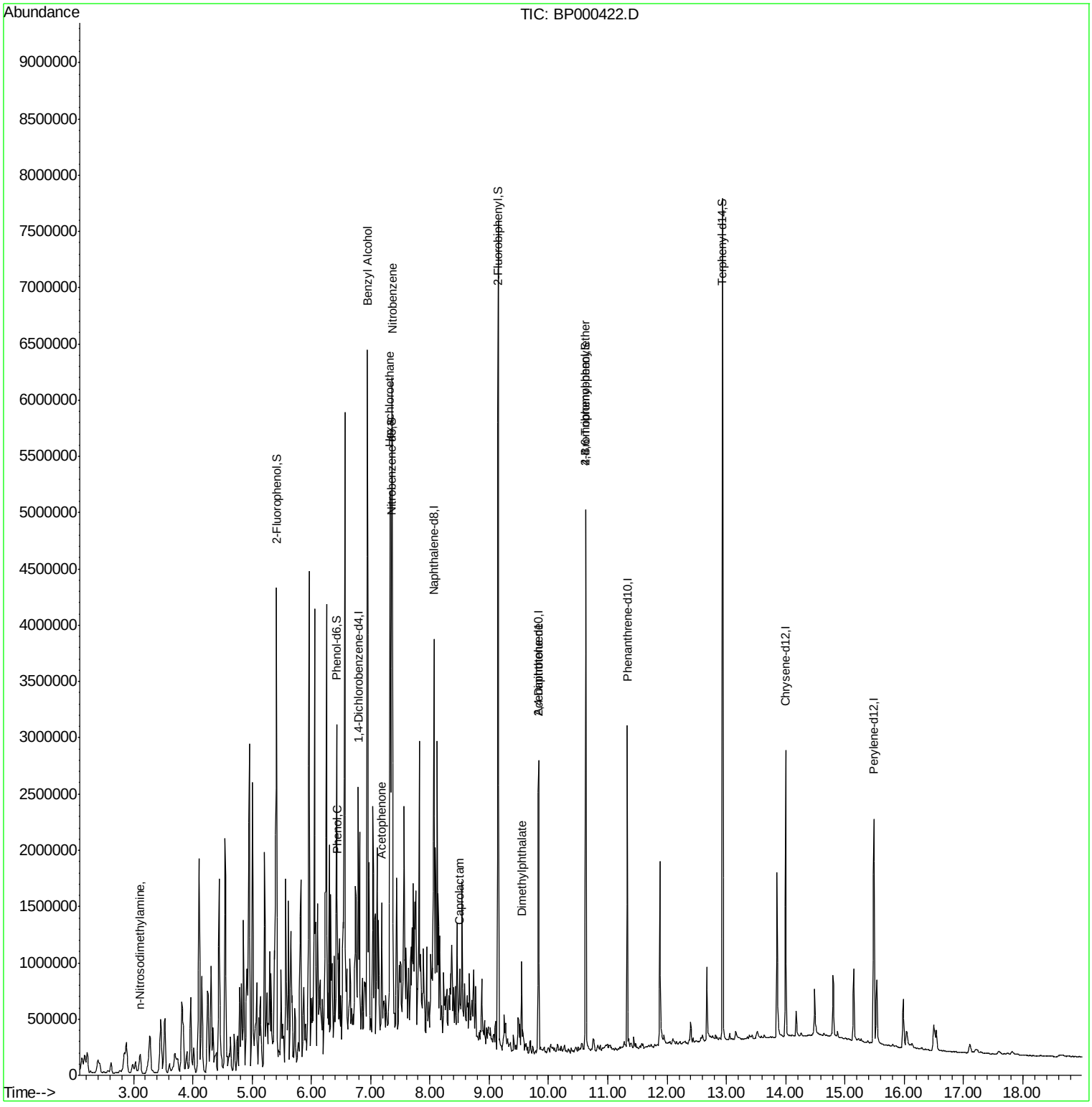
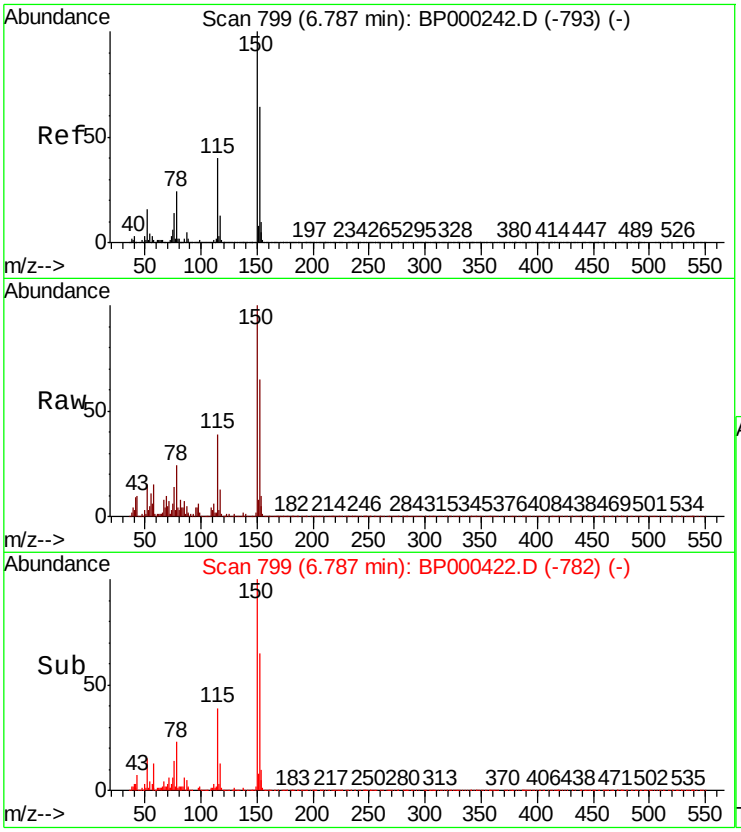


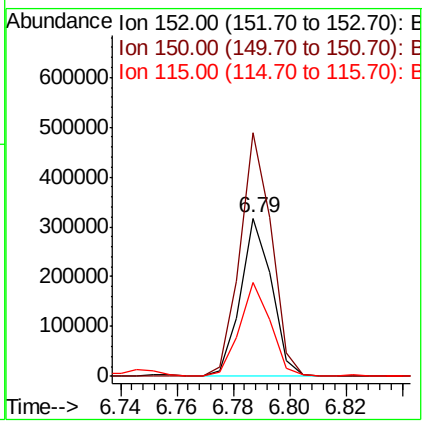


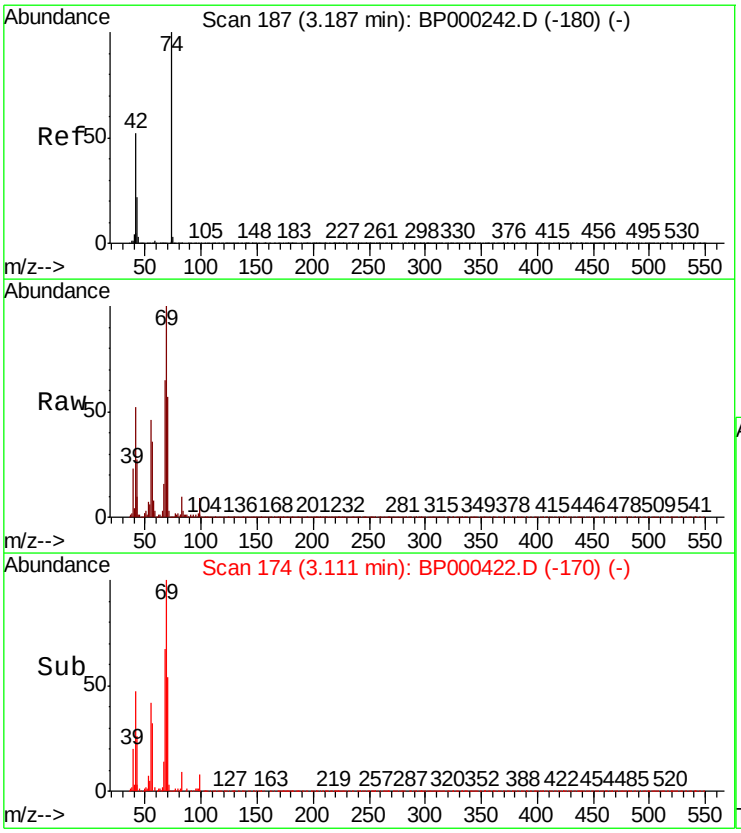
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 241431

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.2	187.8
115	59.7	49.7	74.5

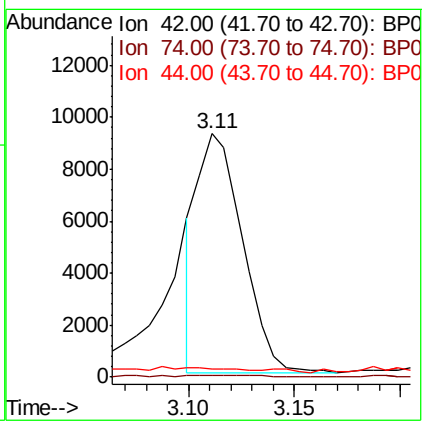


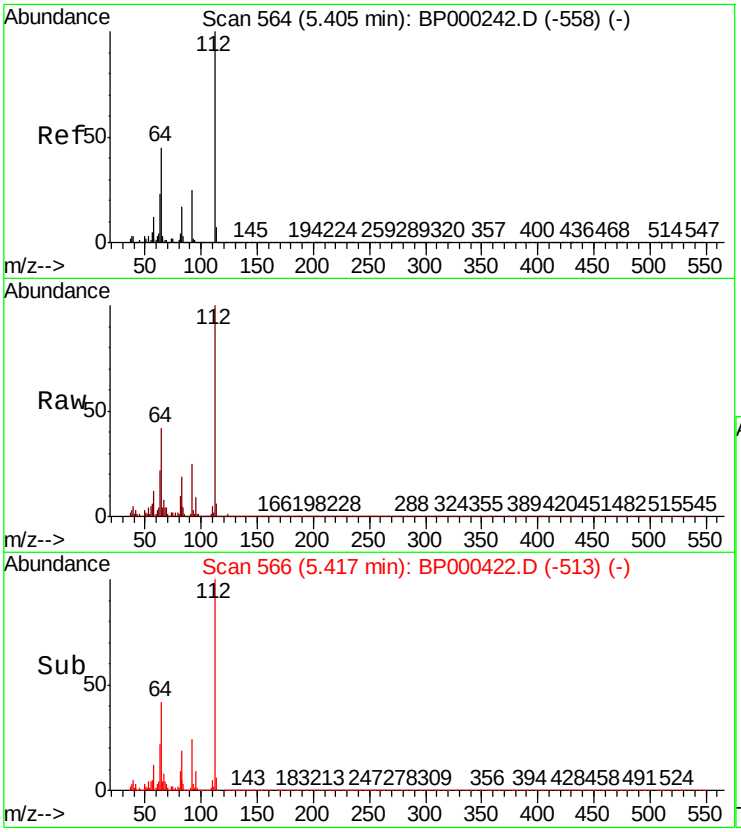


#4
n-Nitrosodimethylamine
Concen: 2.839 ng
RT: 3.11 min Scan# 174
Delta R.T. -0.08 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion: 42 Resp: 13599

Ion	Ratio	Lower	Upper
42	100		
74	0.8	154.5	231.7#
44	3.6	5.9	8.9#



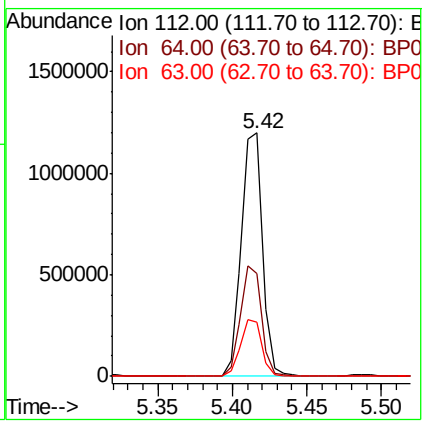


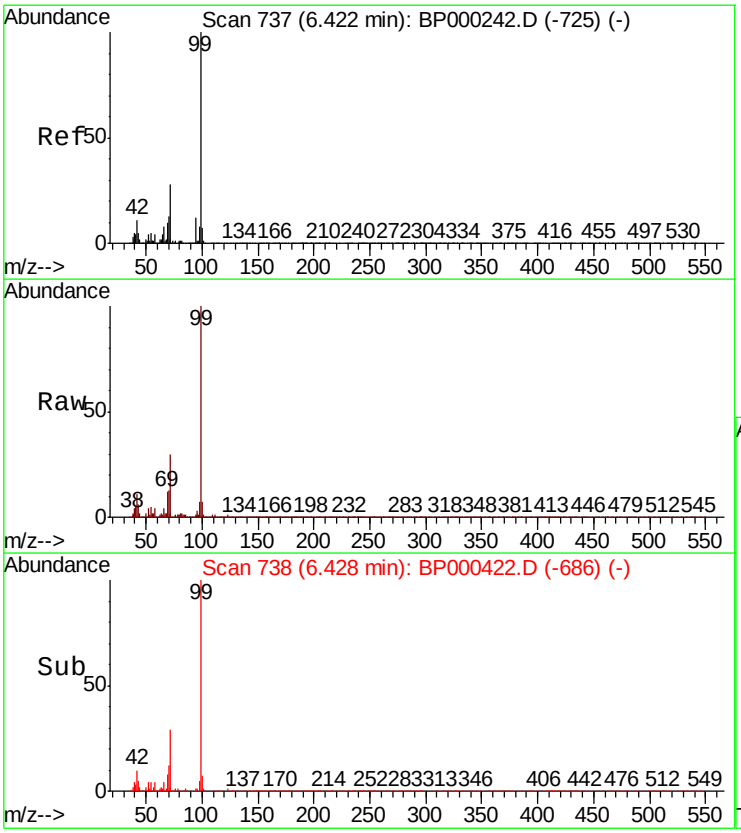
#5
2-Fluorophenol
Concen: 84.690 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:112 Resp: 1184401

Ion	Ratio	Lower	Upper
112	100		
64	42.4	36.2	54.4
63	22.1	18.3	27.5

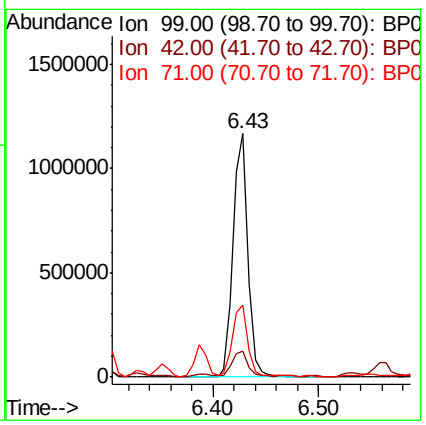


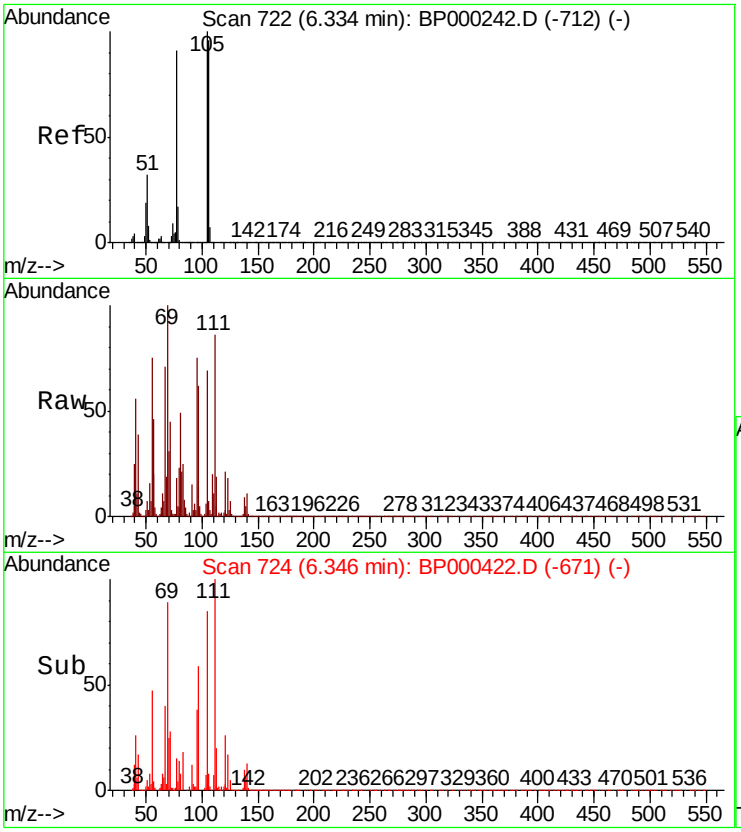


#7
Phenol-d6
Concen: 64.670 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion: 99 Resp: 1108625

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.6	22.6	34.0



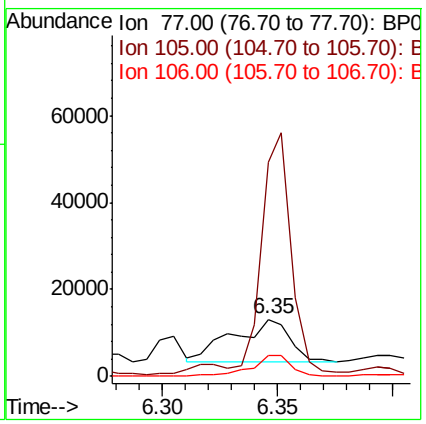


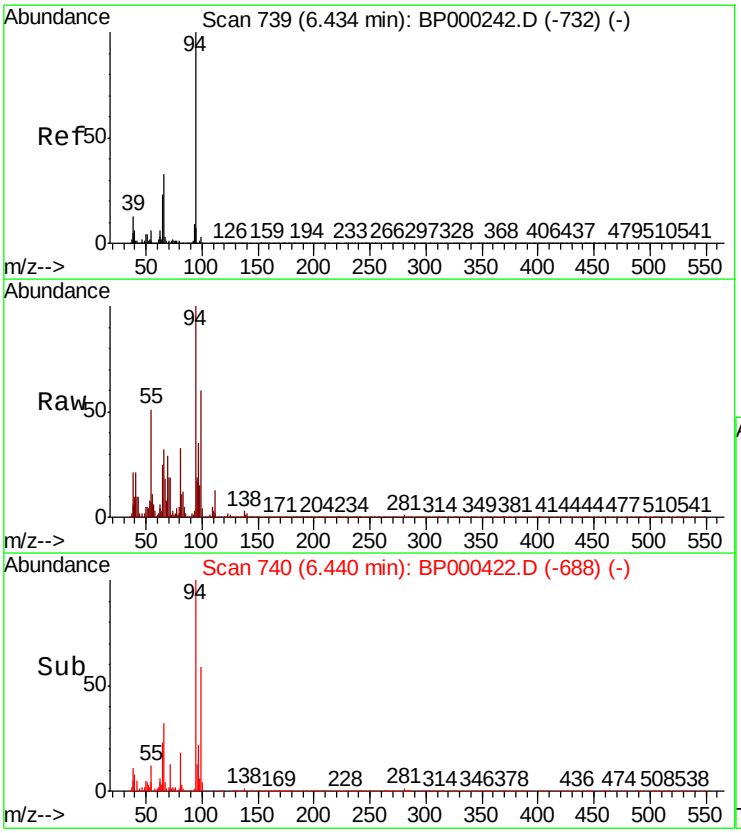
#9
Benzaldehyde
Concen: Below Cal
RT: 6.35 min Scan# 724
Delta R.T. 0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 77 Resp: 16940

Ion	Ratio	Lower	Upper
77	100		
105	377.4	89.6	129.6#
106	36.7	84.6	124.6#

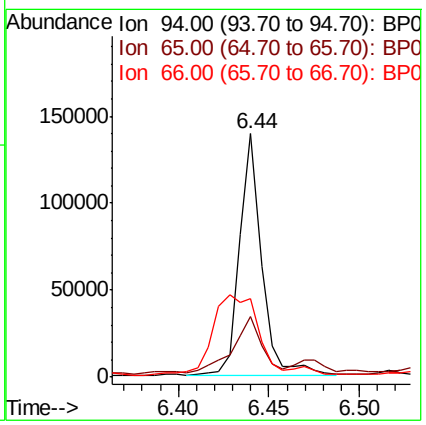


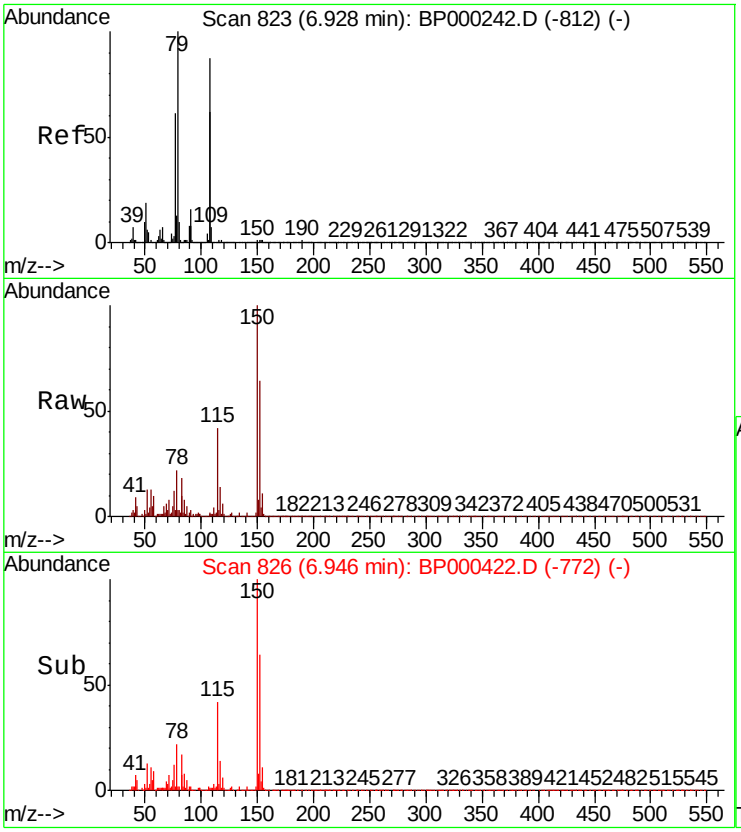


#10
Phenol
Concen: 6.008 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion: 94 Resp: 117026

Ion	Ratio	Lower	Upper
94	100		
65	24.8	3.3	43.3
66	32.1	12.7	52.7



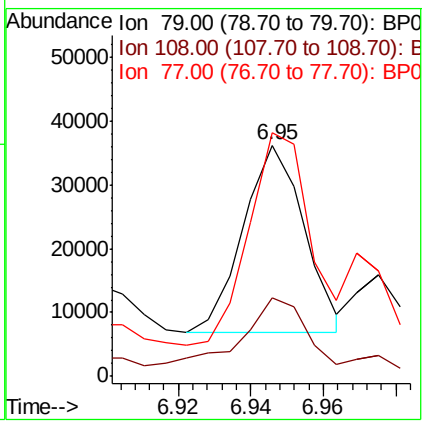


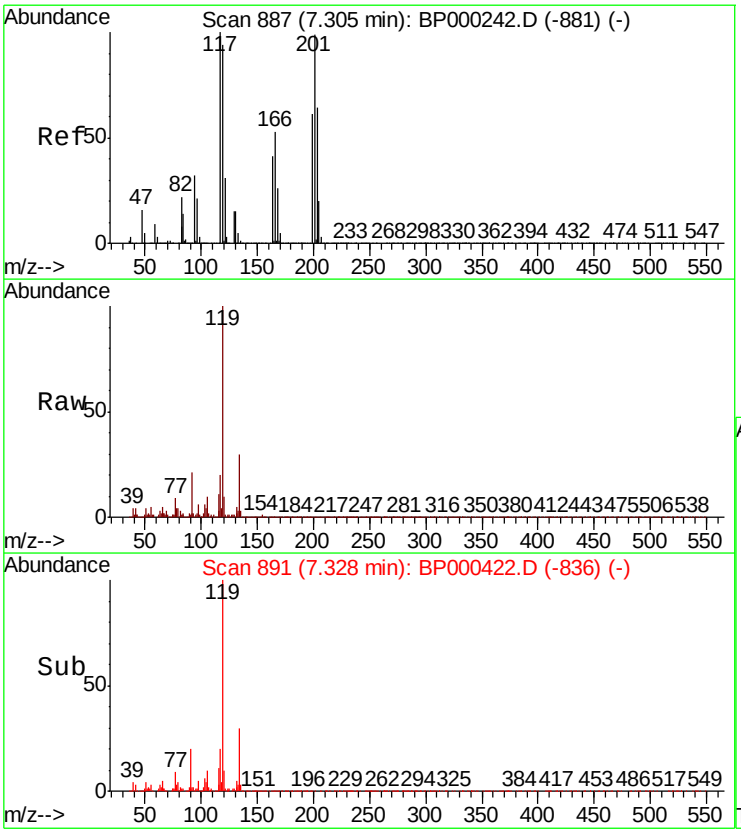
#15
Benzyl Alcohol
Concen: 2.763 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.02 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 79 Resp: 34475

Ion	Ratio	Lower	Upper
79	100		
108	33.8	69.2	103.8#
77	105.3	48.7	73.1#

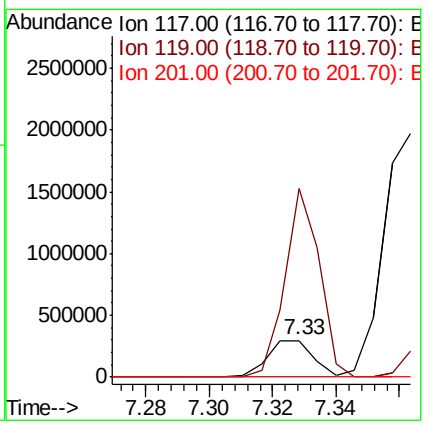


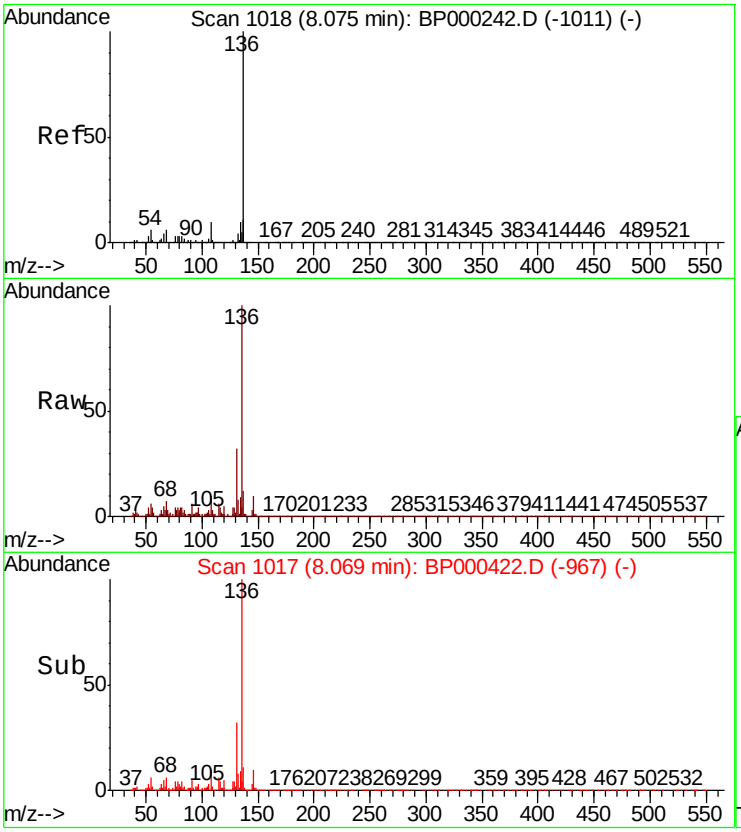


#18
Hexachloroethane
Concen: 45.533 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.02 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion:117 Resp: 302966

Ion	Ratio	Lower	Upper
117	100		
119	510.4	75.6	113.4#
201	0.0	79.4	119.2#



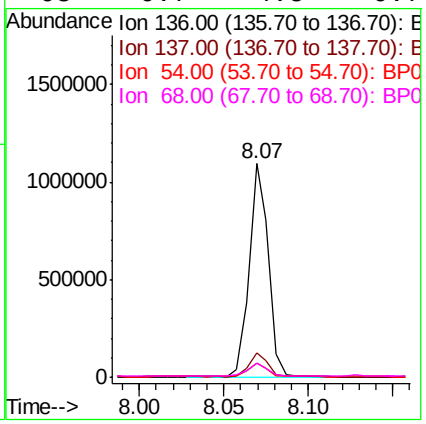


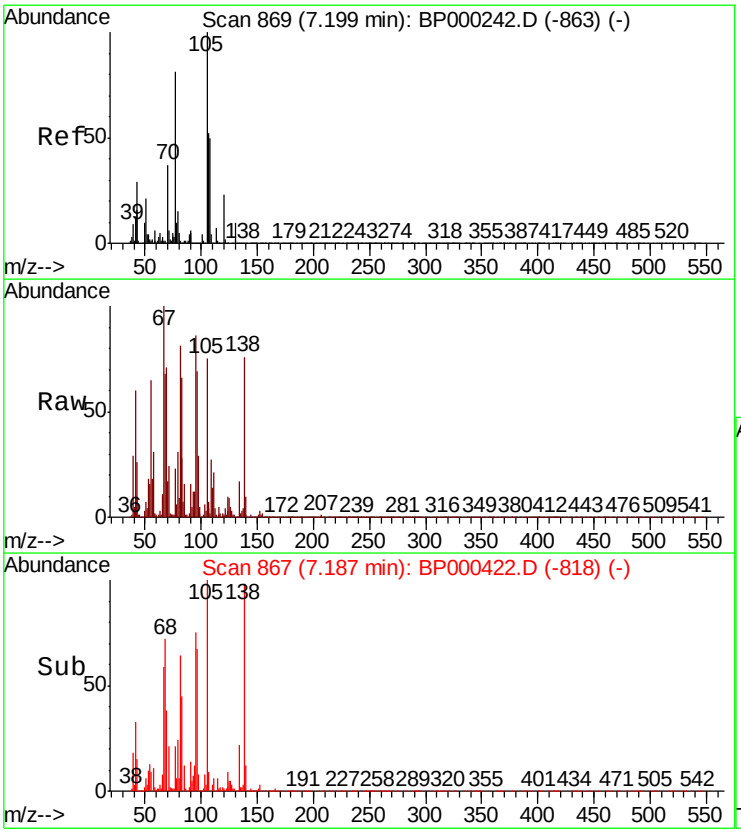
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 869120

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	6.5	4.5	6.7
68	6.7	4.5	6.7

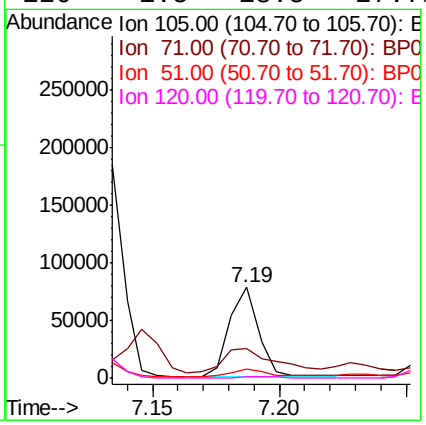


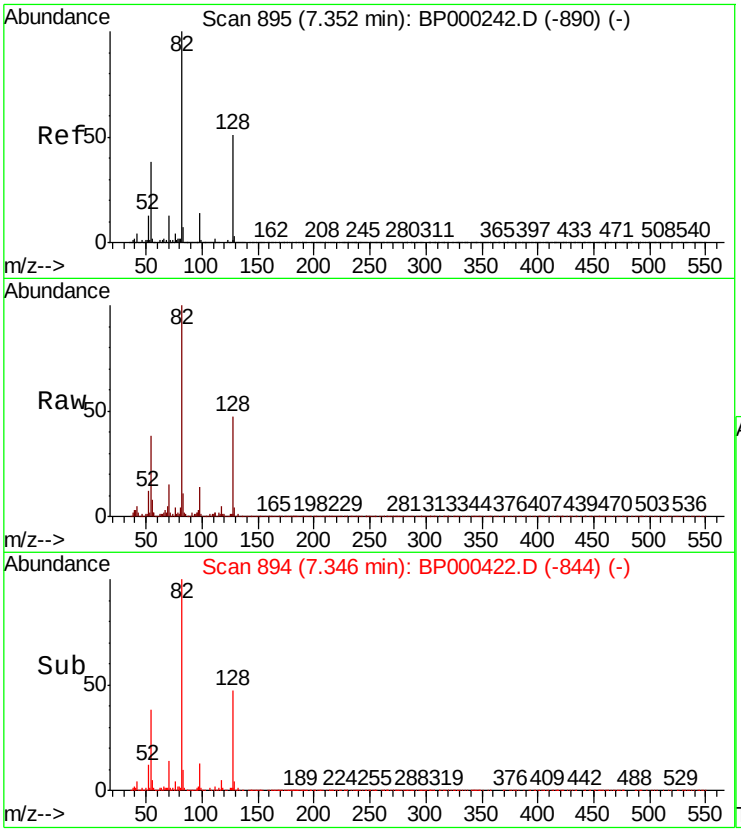


#22
Acetophenone
Concen: 3.296 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion:105 Resp: 62077

Ion	Ratio	Lower	Upper
105	100		
71	31.9	5.2	7.8#
51	9.9	16.6	24.8#
120	1.5	18.5	27.7#



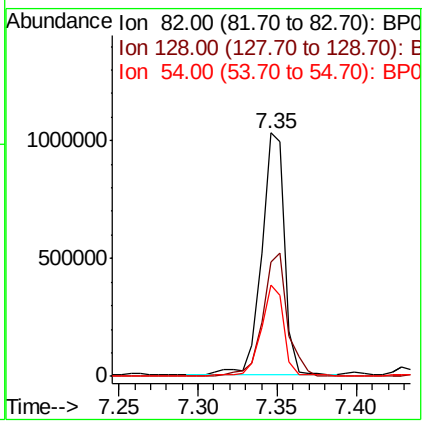


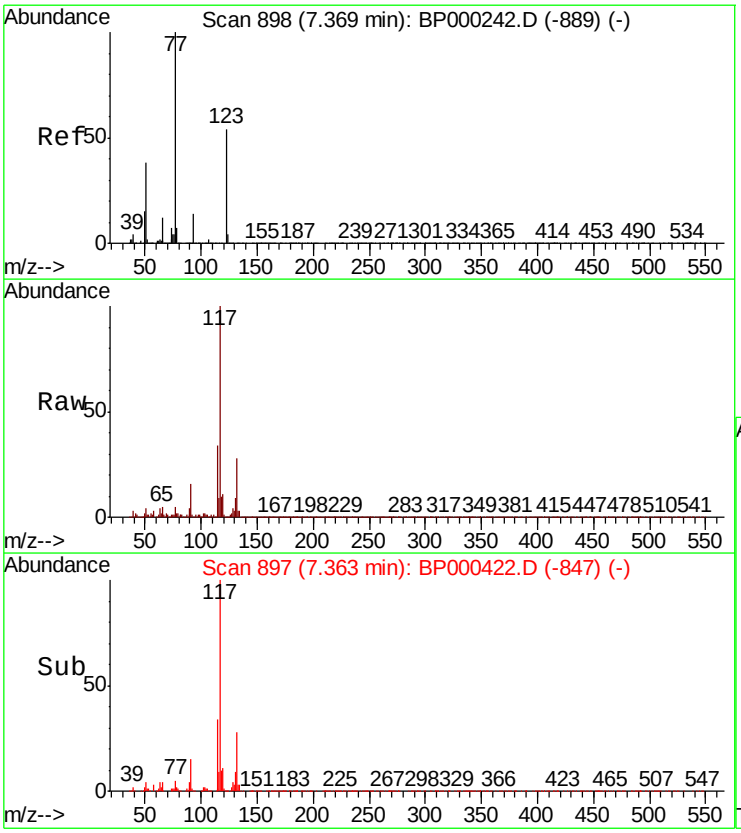
#23
Nitrobenzene-d5
Concen: 76.986 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1037048

Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.7	61.1
54	37.6	30.1	45.1

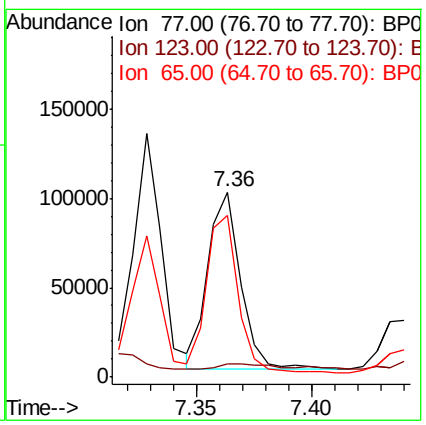


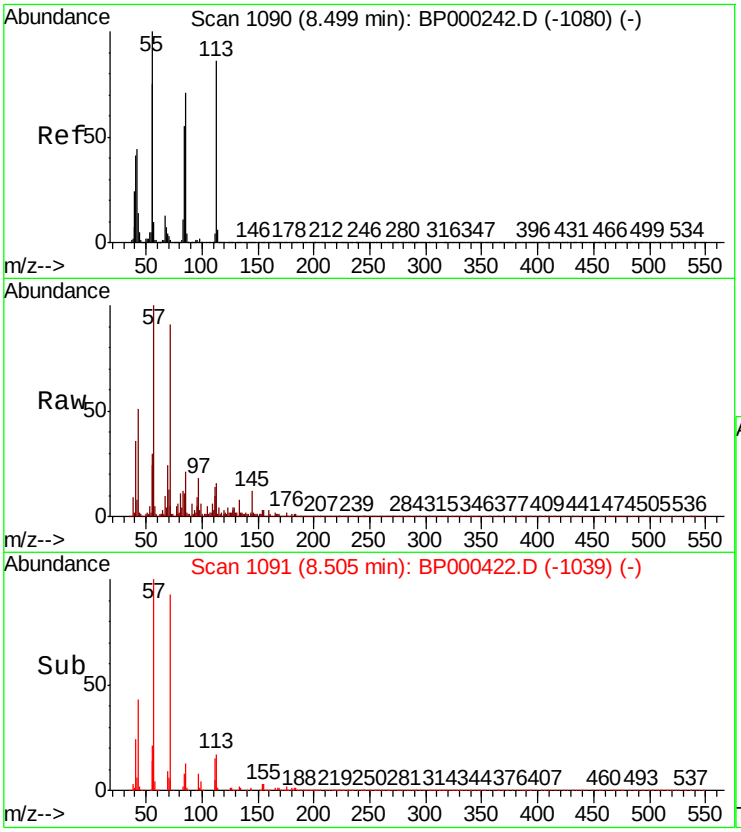


#24
Nitrobenzene
Concen: 7.025 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion: 77 Resp: 98294

Ion	Ratio	Lower	Upper
77	100		
123	6.9	43.1	64.7#
65	87.1	9.4	14.2#



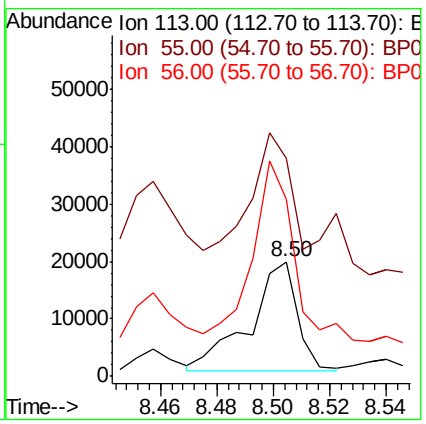


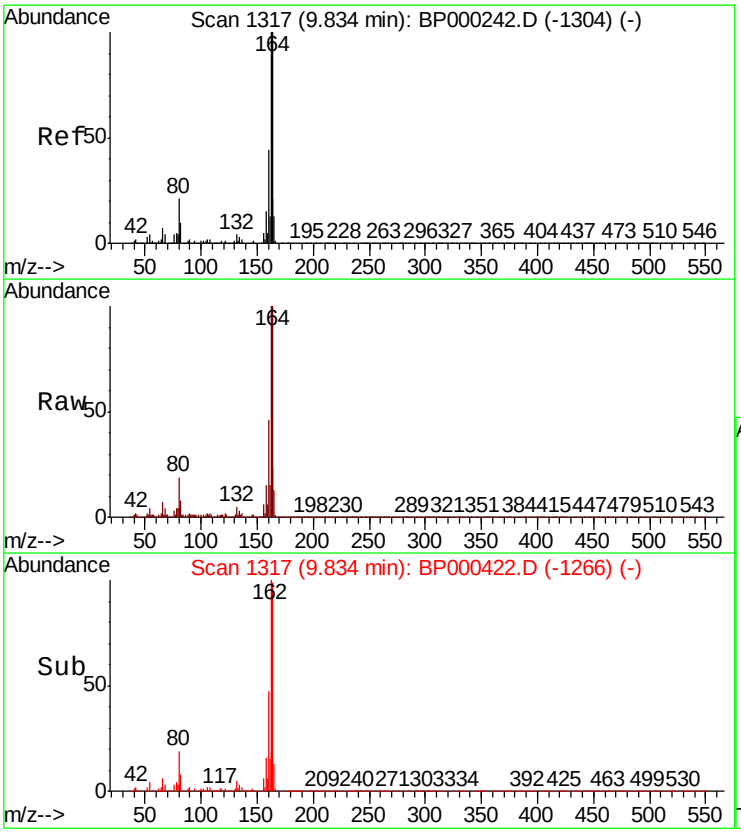
#35
Caprolactam
Concen: 5.208 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:113 Resp: 22436

Ion	Ratio	Lower	Upper
113	100		
55	190.3	96.8	136.8#
56	154.6	67.5	107.5#

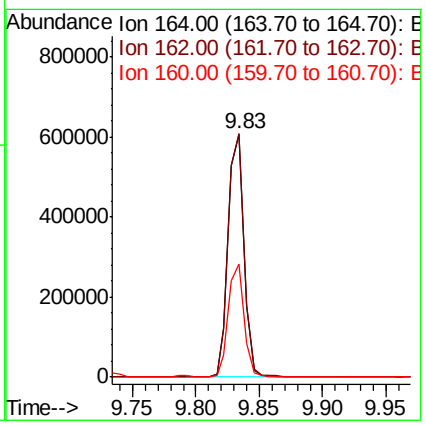


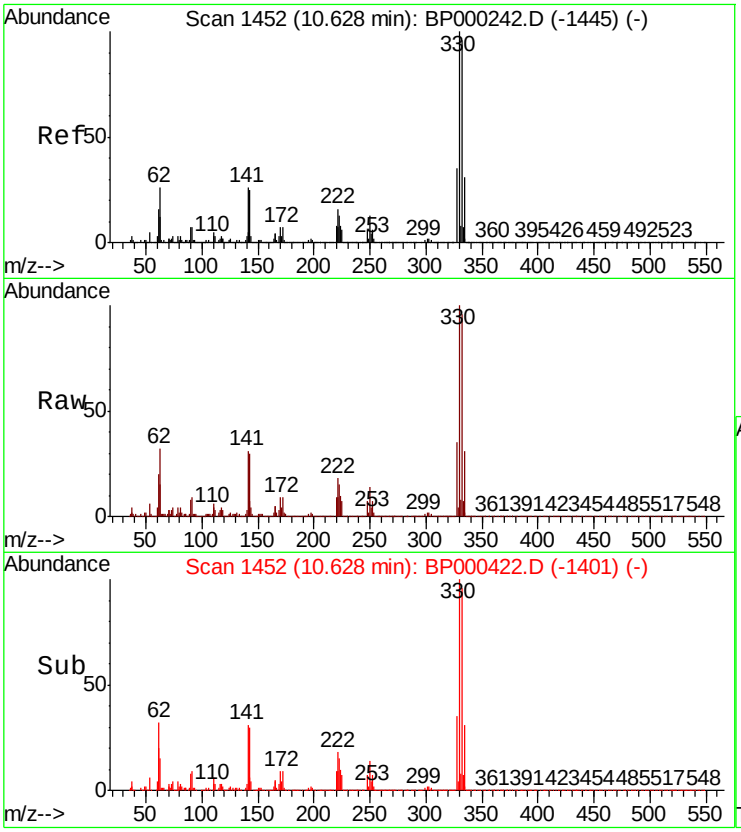


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion:164 Resp: 518511

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	46.5	35.6	53.4



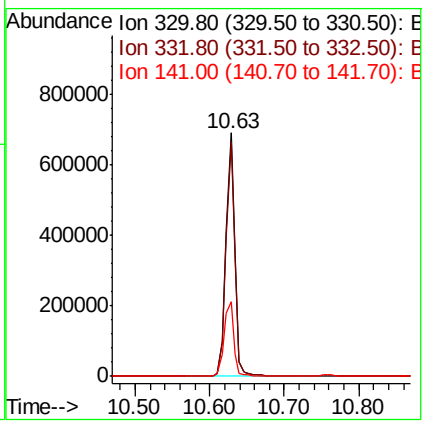


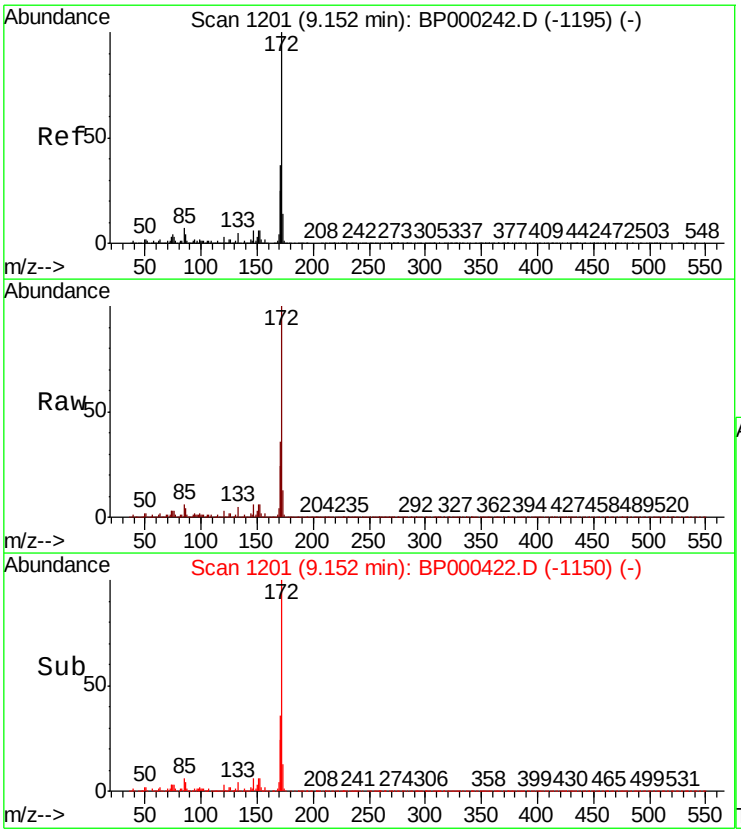
#42
2,4,6-Tribromophenol
Concen: 113.450 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 583463

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	33.1	26.5	39.7

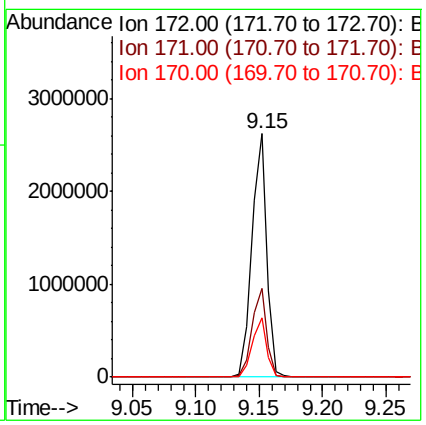


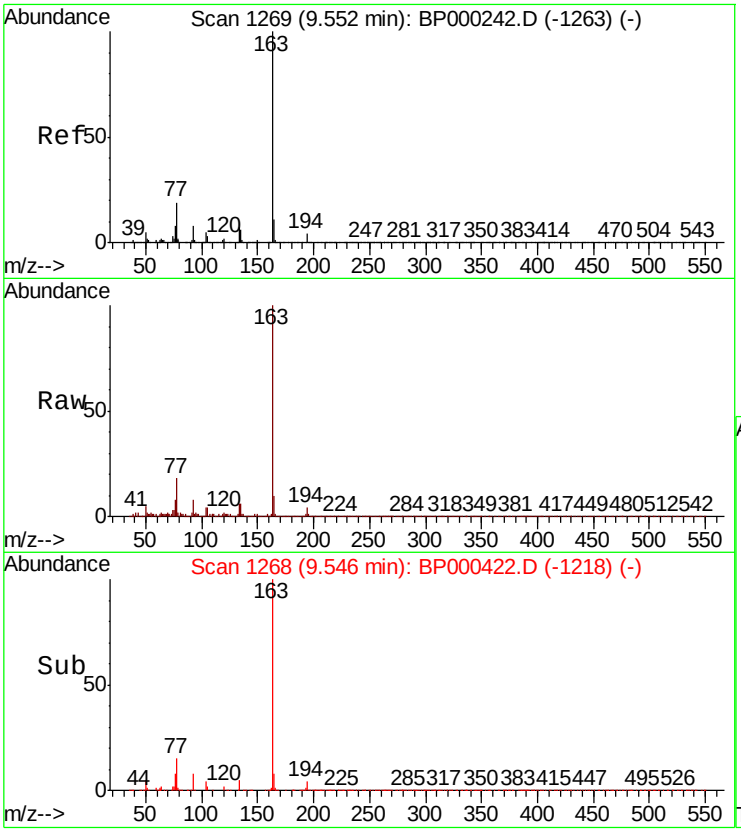


#45
2-Fluorobiphenyl
Concen: 75.414 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion:172 Resp: 2172617

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.3	19.8	29.6



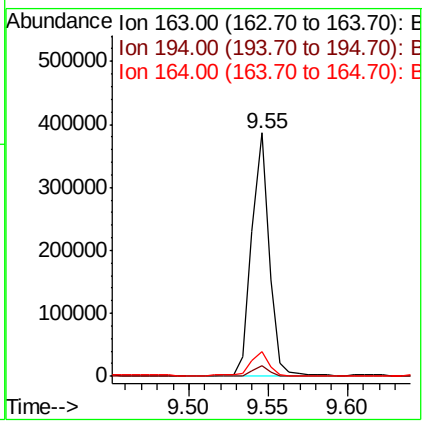


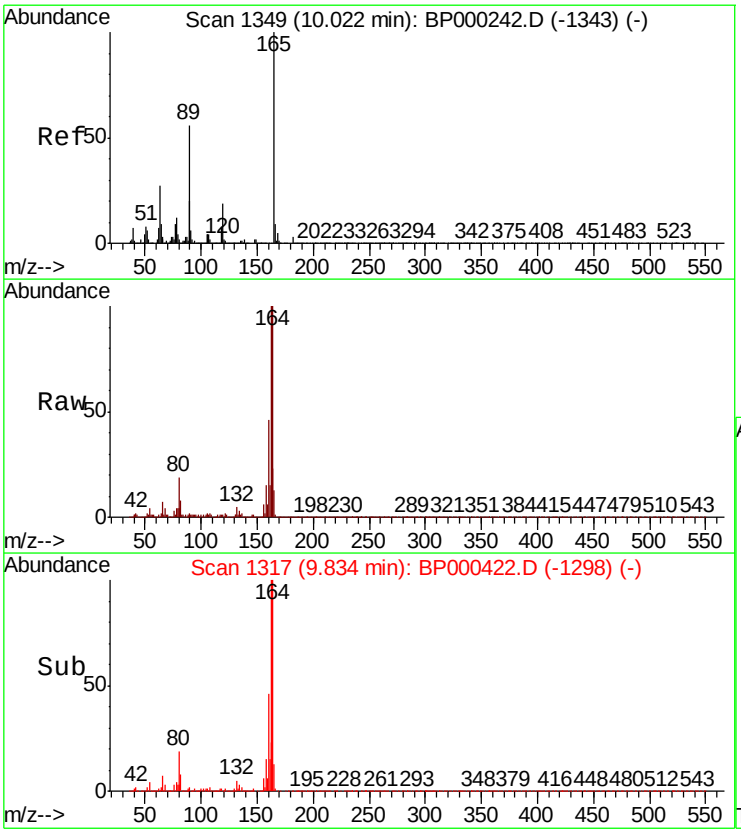
#50
Dimethylphthalate
Concen: 8.299 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 293188

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.5	12.7

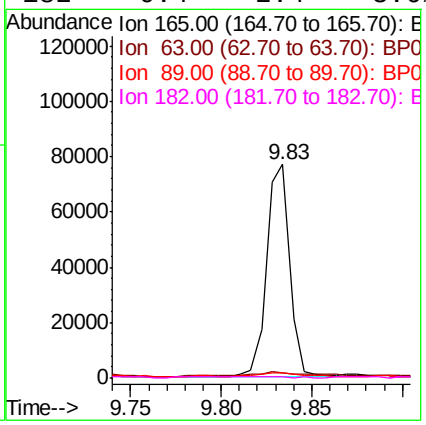


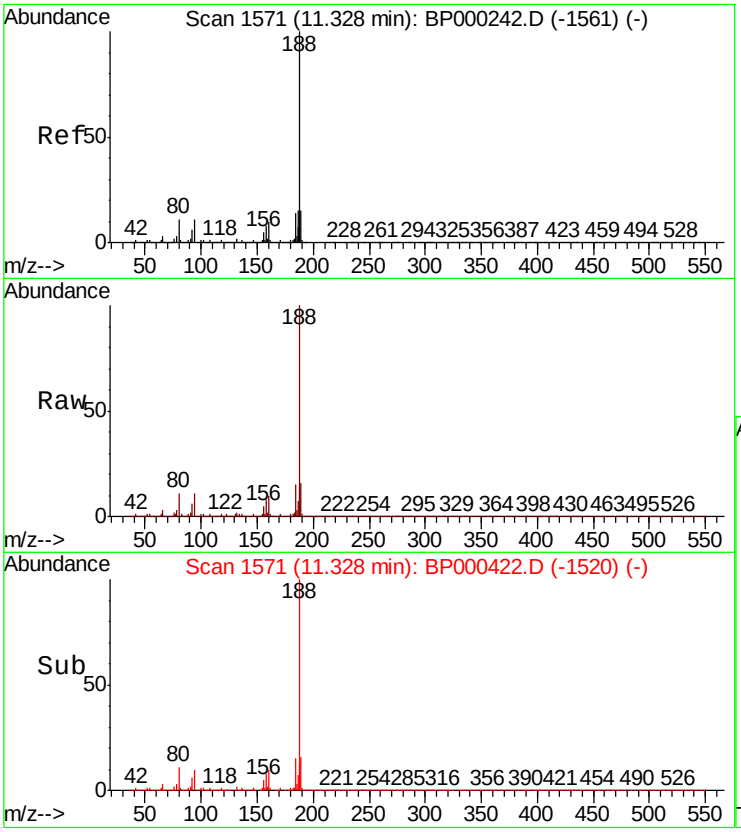


#57
2,4-Dinitrotoluene
Concen: 6.651 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion:165 Resp: 67535

Ion	Ratio	Lower	Upper
165	100		
63	2.6	21.7	32.5#
89	2.4	45.0	67.6#
182	0.4	2.4	3.6#



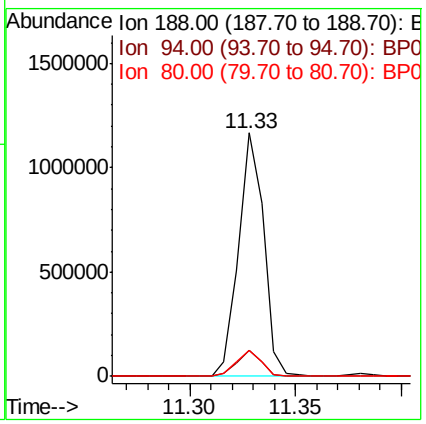


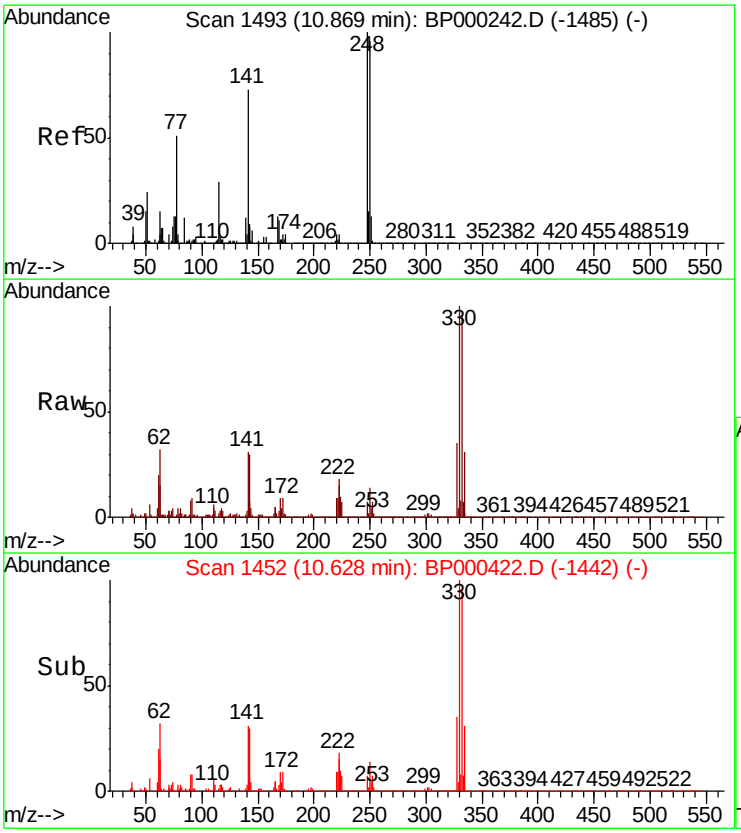
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 960000

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.7	8.6	13.0

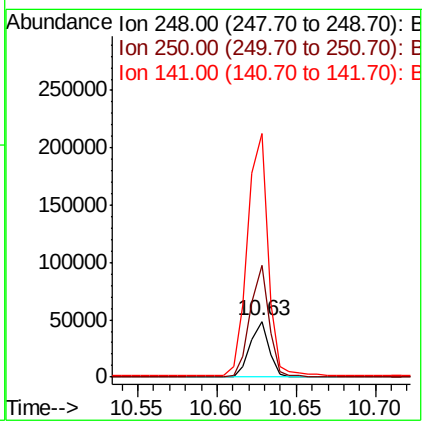


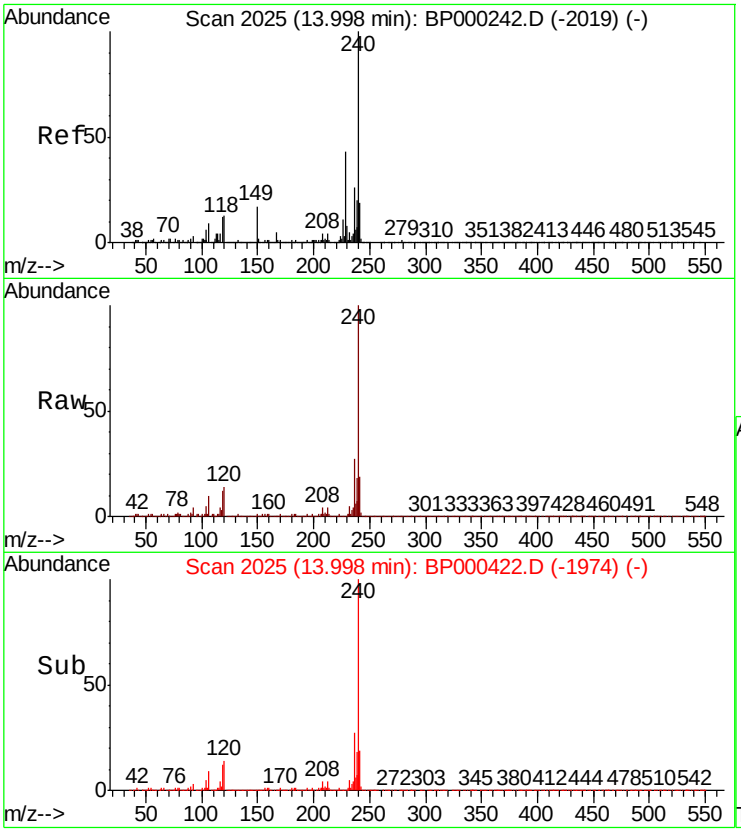


#67
4-Bromophenyl-phenylether
Concen: 3.743 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion:248 Resp: 40633

Ion	Ratio	Lower	Upper
248	100		
250	199.4	77.0	115.4#
141	435.7	58.5	87.7#



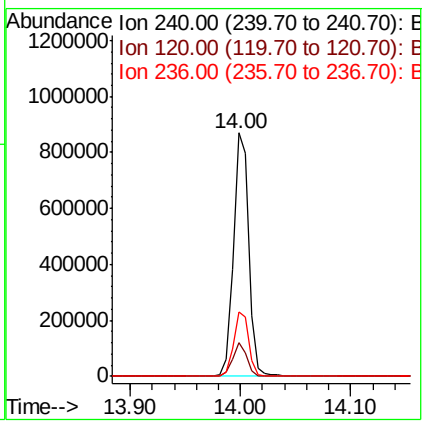


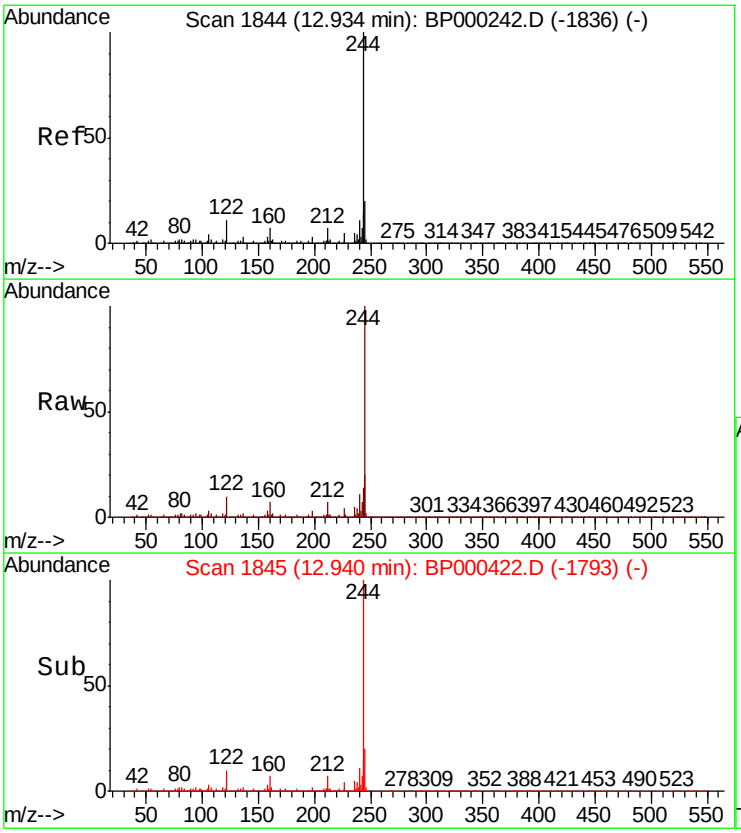
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 843235

Ion	Ratio	Lower	Upper
240	100		
120	13.8	10.4	15.6
236	26.6	21.0	31.6

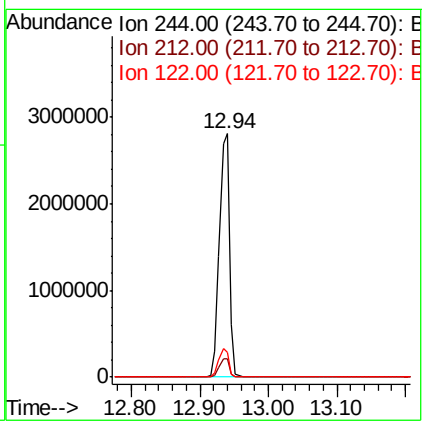


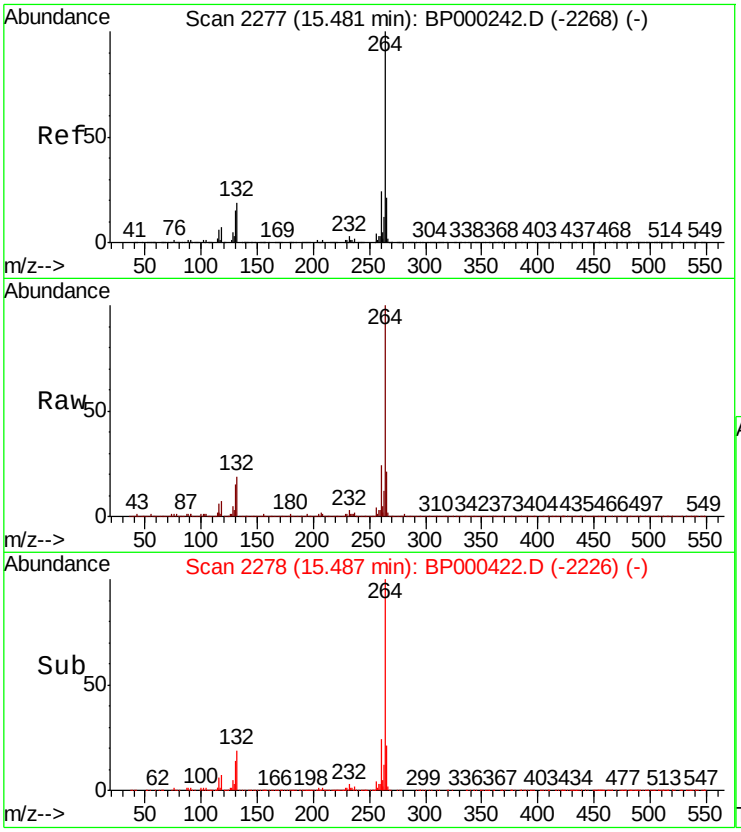


#79
Terphenyl-d14
Concen: 69.588 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Tgt Ion:244 Resp: 2797126

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000422.D
Acq: 26 Sep 2019 15:09

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 933295

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.4	17.2	25.8