Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
Data File : BP000498.D
Acq On : 03 Oct 2019 16:21
Operator : JU
Sample : K4660-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1

Quant Time: Oct 04 01:29:21 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	6.77	152	109266	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	382695	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	227354	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	776370	20.00	ng		0.00
76) Chrysene-d12	13.98	240	716069	20.00	ng		0.00
87) Perylene-d12	15.46	264	509678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1244186	183.04	ng		0.01
7) Phenol-d6	6.41	99	762006	93.03	ng		0.00
23) Nitrobenzene-d5	7.33	82	539576	86.11	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	621139	256.38	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1340516	95.40	ng		0.00
79) Terphenyl-d14	12.92	244	3041632	86.00	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	71343	18.895	ng	#	75
25) Isophorone	7.33	82	539346	48.499	ng	#	61
41) Hexachlorocyclopentadiene	8.90	237	15	7.302	ng		78
50) Dimethylphthalate	9.53	163	119811	7.584	ng		100
57) 2,4-Dinitrotoluene	9.82	165	29379	6.432	ng	#	32
67) 4-Bromophenyl-phenylether	10.61	248	42191	4.828	ng	#	1
77) Benzidine	12.92	184	41780	2.015	ng	#	96

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

Quantitation Report (Not Reviewed)

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Acq On : 03 Oct 2019 16:21
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Instrument :
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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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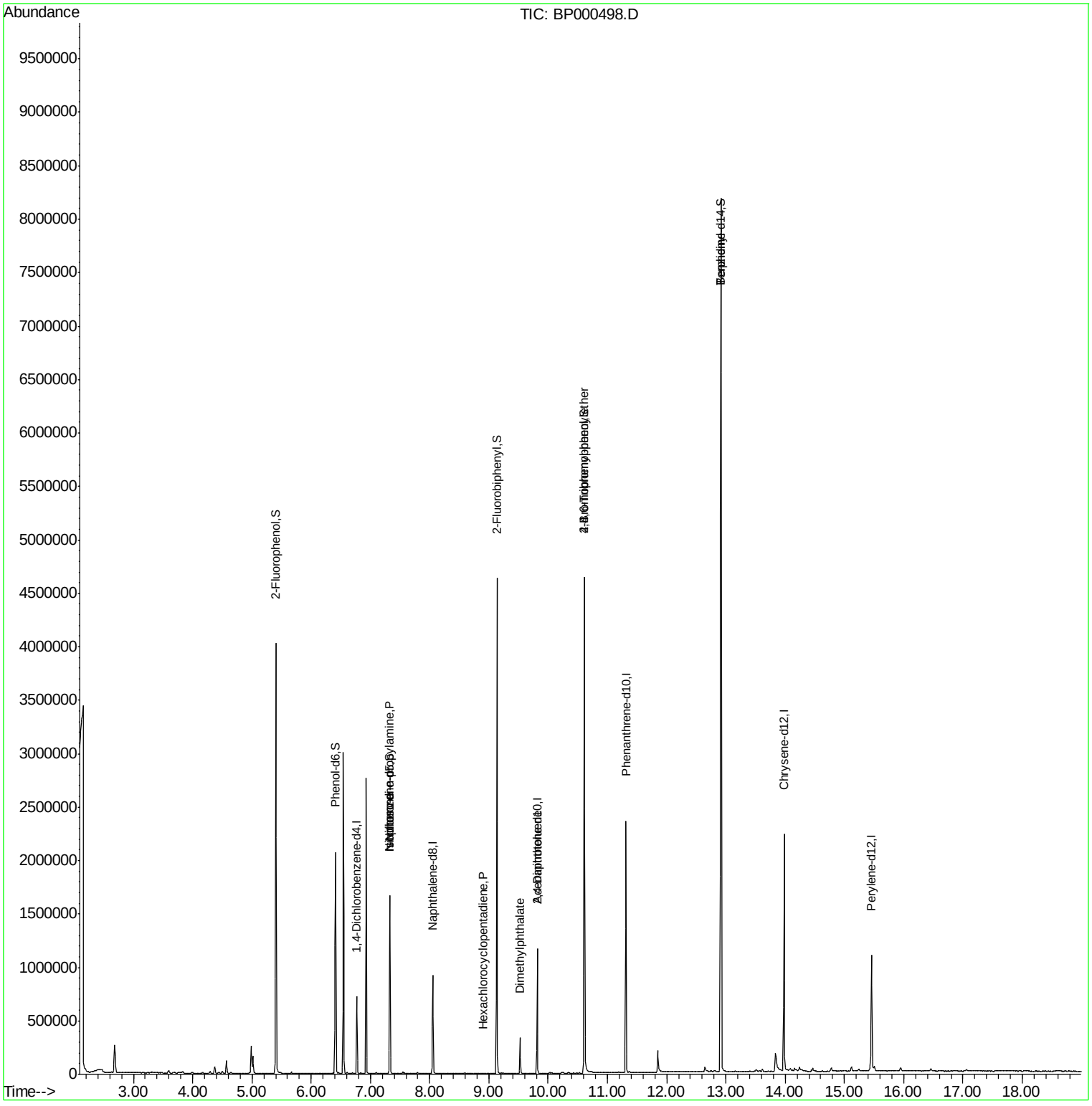
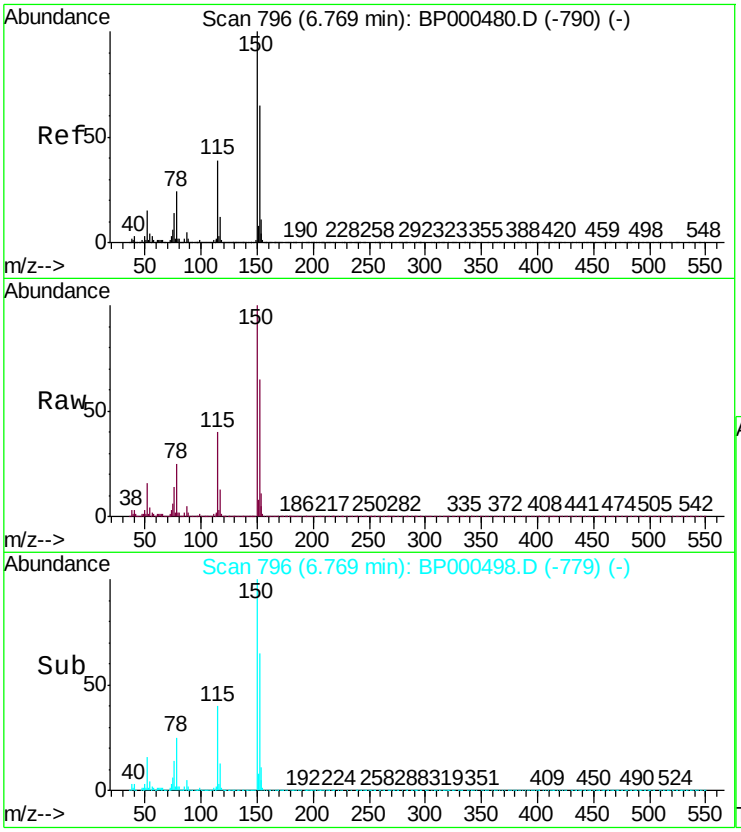


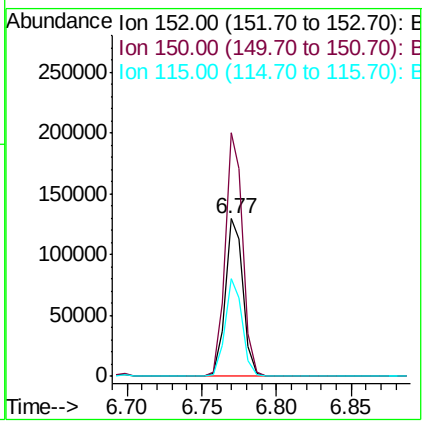


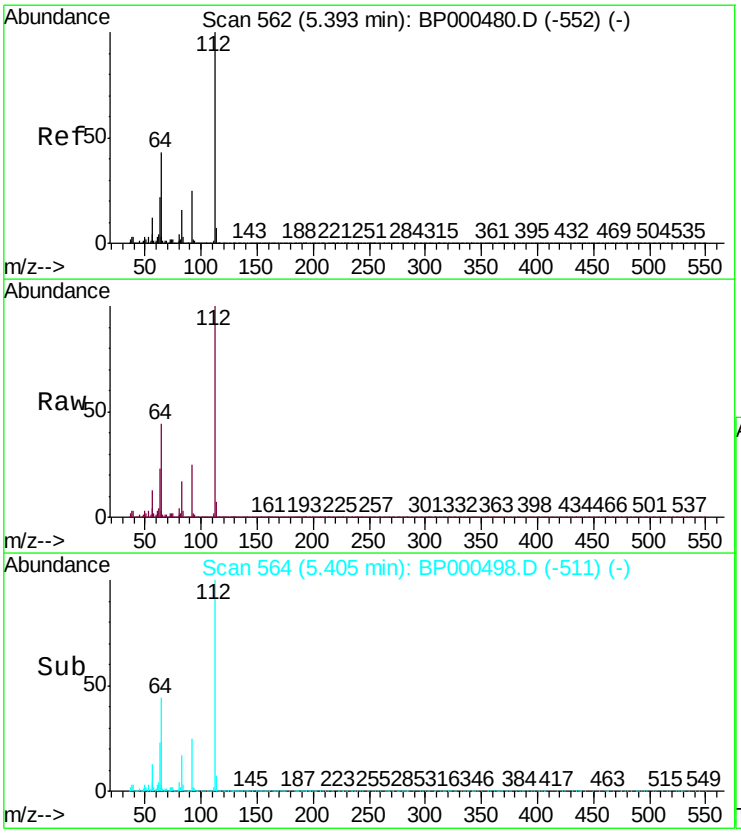
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 109266

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.1	186.1
115	62.4	48.7	73.1

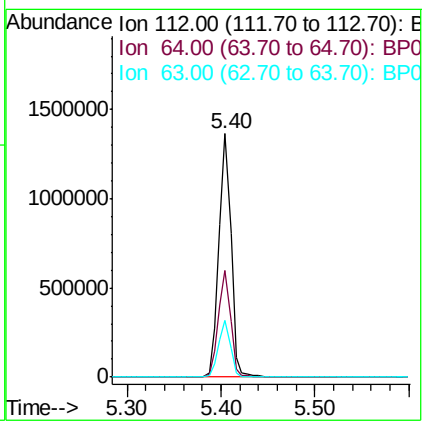


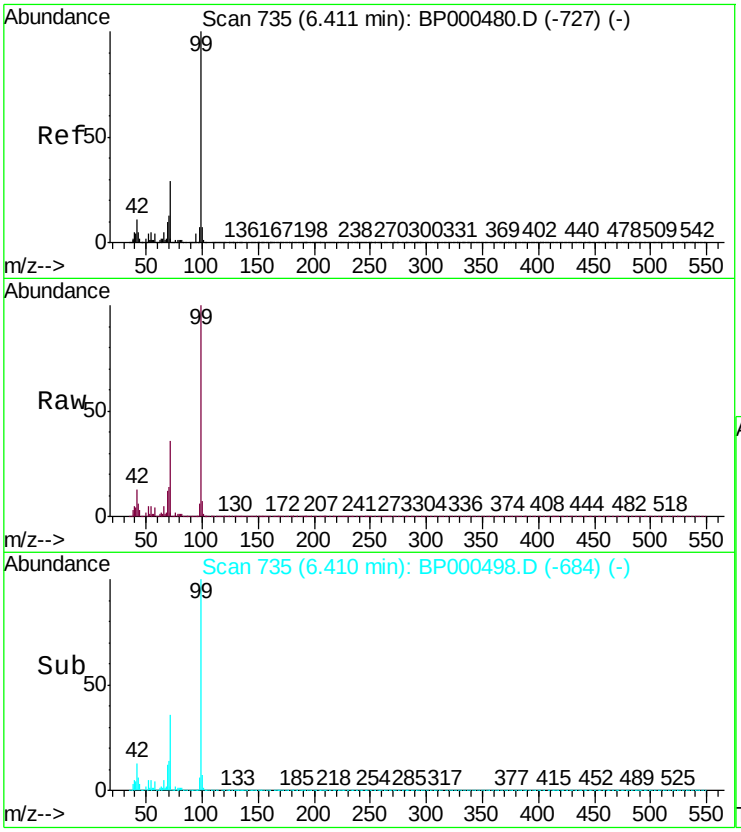


#5
2-Fluorophenol
Concen: 183.036 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion:112 Resp: 1244186

Ion	Ratio	Lower	Upper
112	100		
64	43.7	34.2	51.4
63	23.1	17.9	26.9



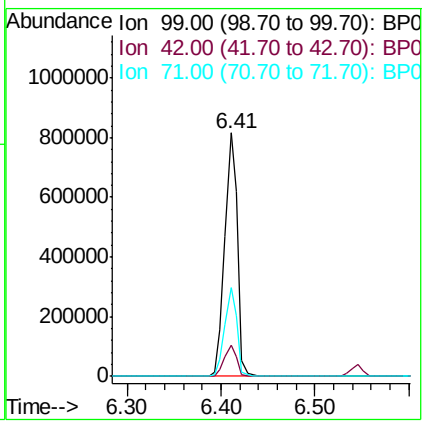


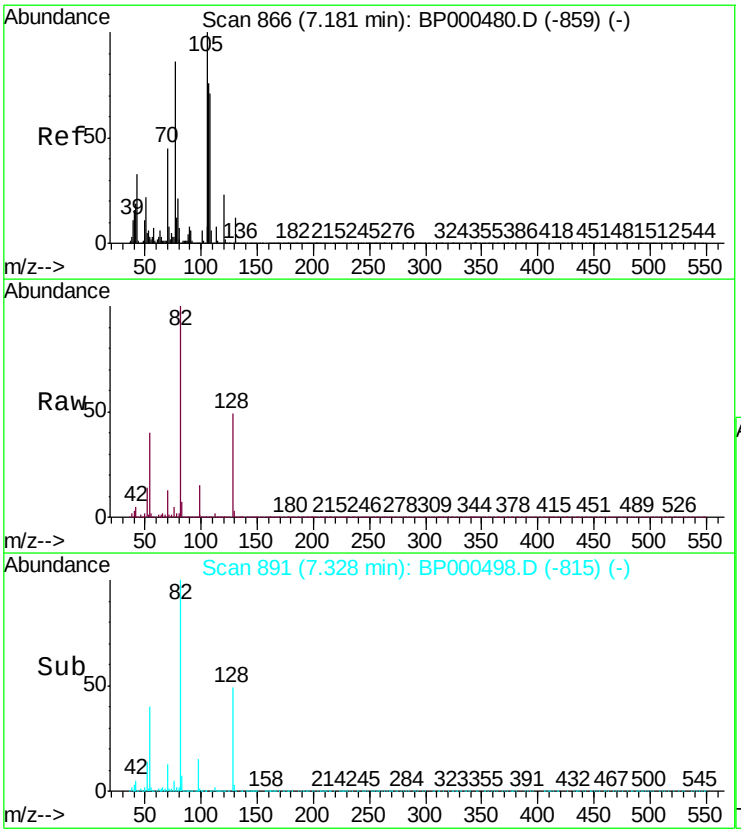
#7
Phenol-d6
Concen: 93.026 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 762006

Ion	Ratio	Lower	Upper
99	100		
42	13.0	8.6	12.8#
71	36.4	23.0	34.4#

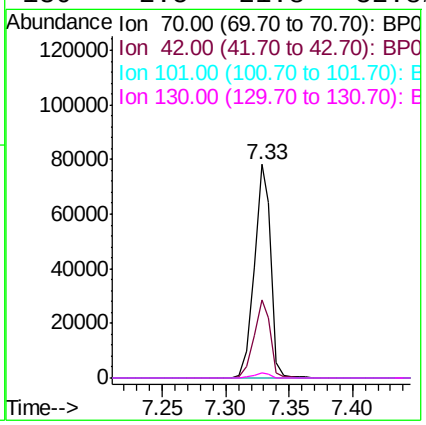


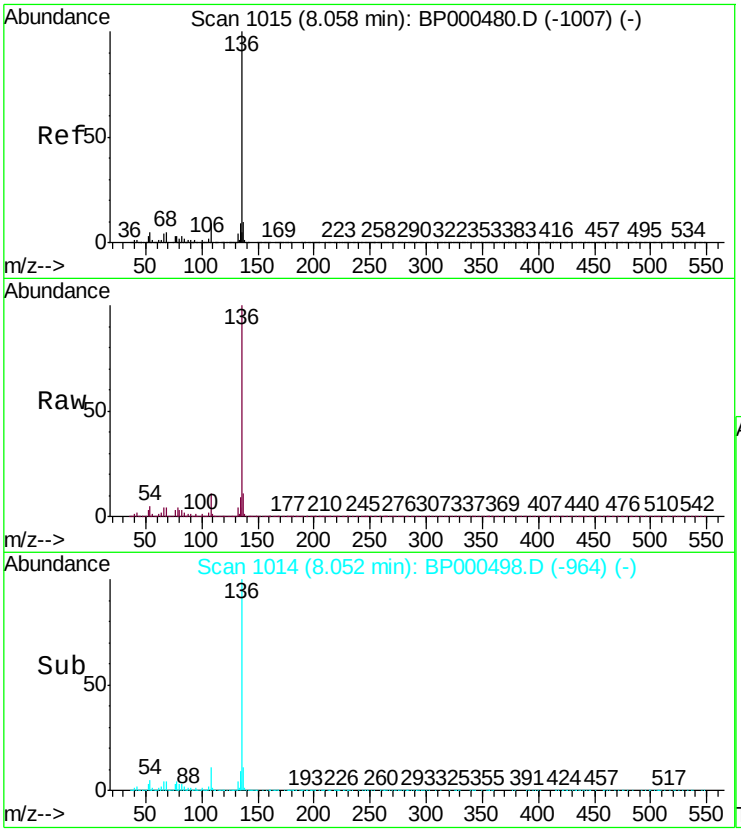


#19
n-Nitroso-di-n-propylamine
Concen: 18.895 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion: 70 Resp: 71343

Ion	Ratio	Lower	Upper
70	100		
42	36.5	33.2	49.8
101	0.0	9.9	14.9#
130	2.5	21.8	32.8#



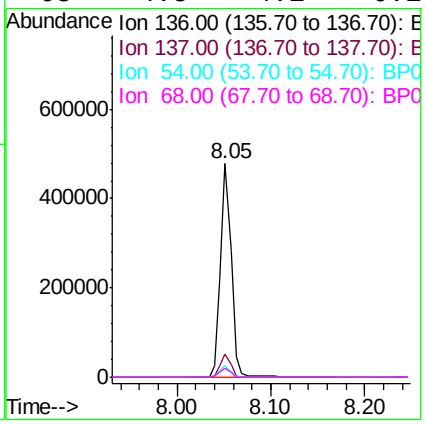


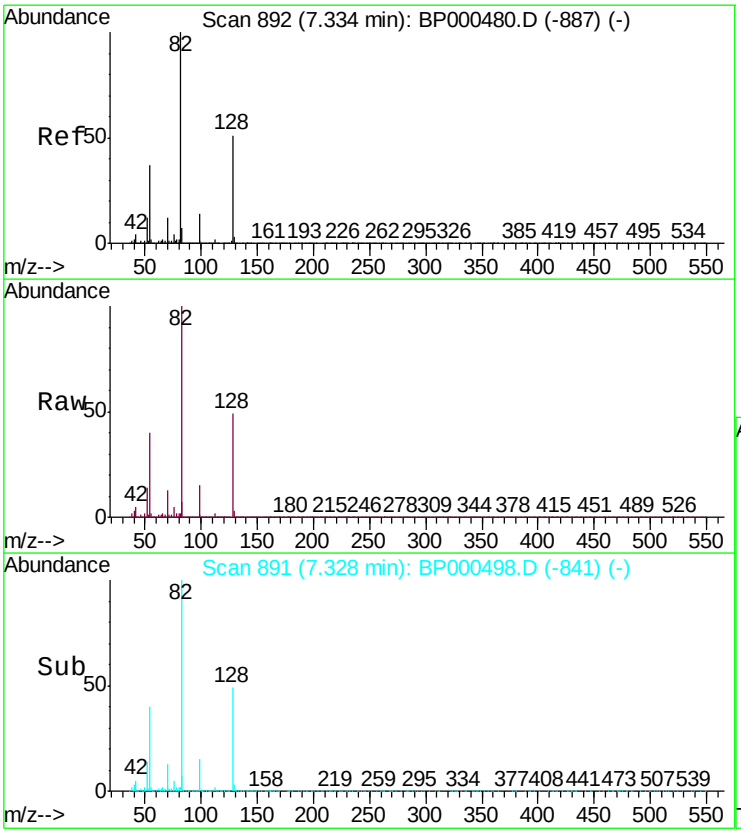
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 382695

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.2	4.1	6.1
68	4.5	4.1	6.1

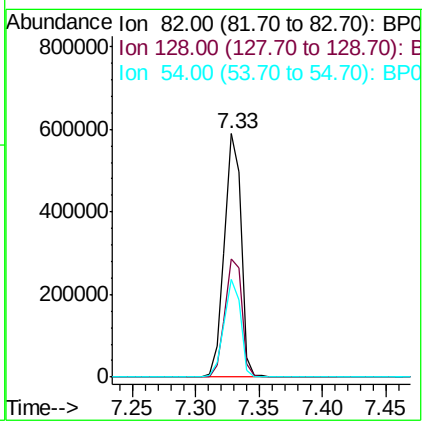


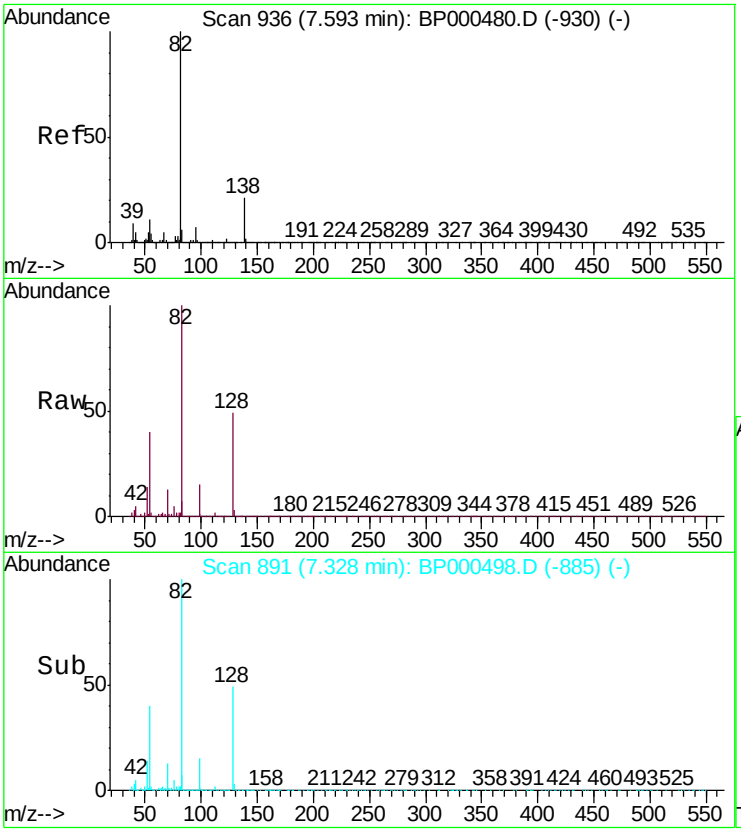


#23
Nitrobenzene-d5
Concen: 86.112 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion: 82 Resp: 539576

Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.9	61.3
54	40.2	29.4	44.2



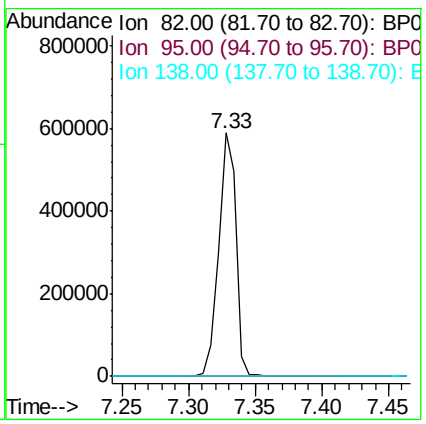


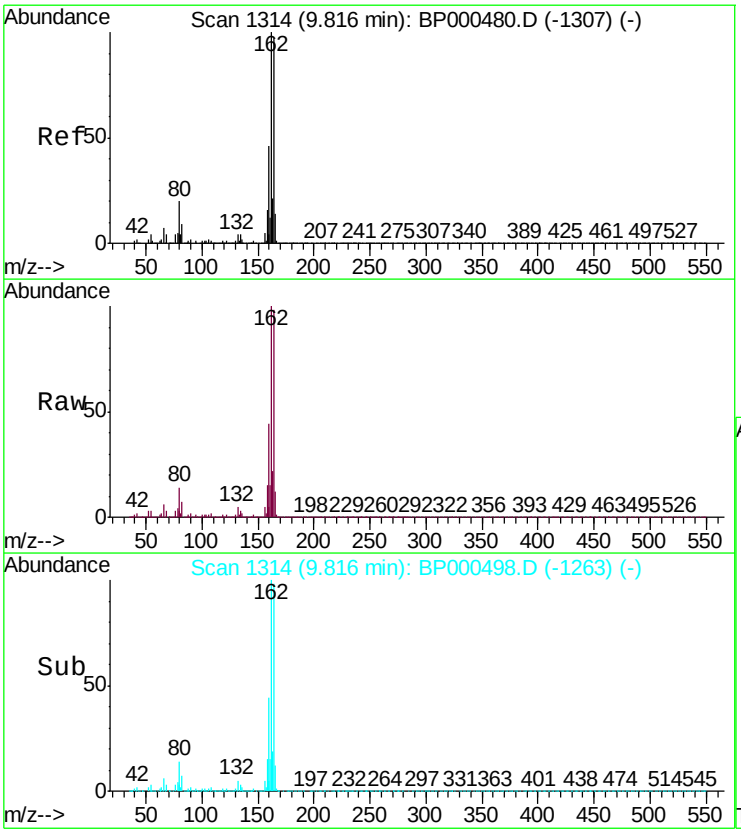
#25
Isophorone
Concen: 48.499 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 539346

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

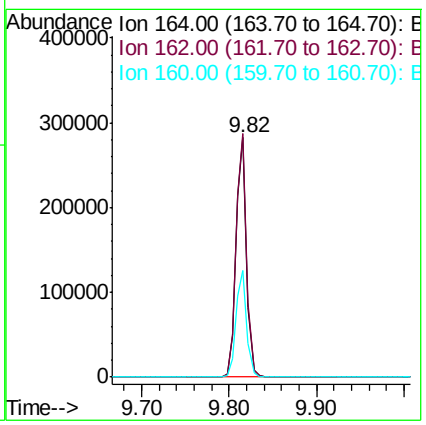


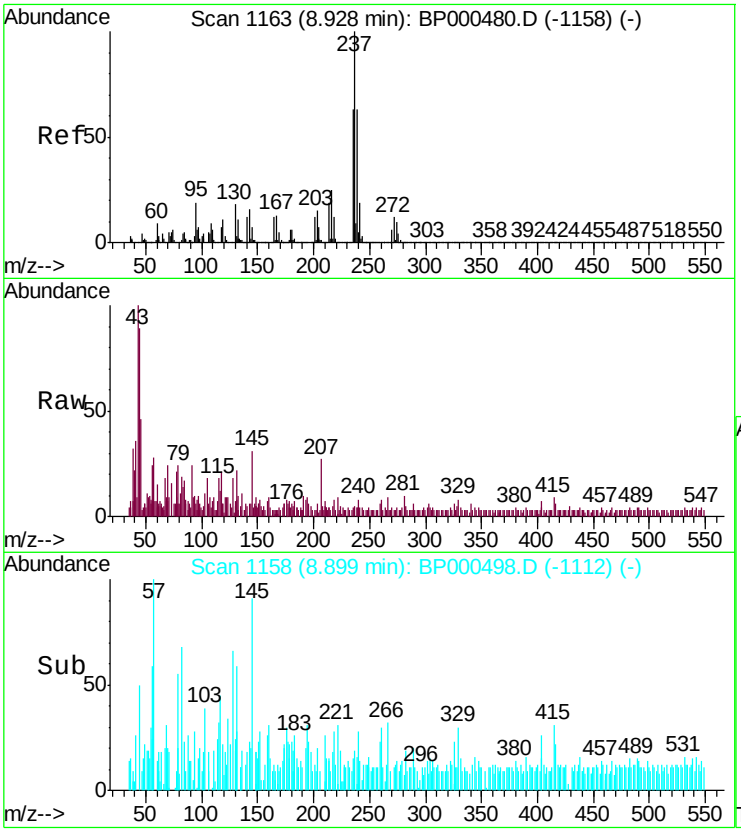


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion:164 Resp: 227354

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	44.5	37.6	56.4



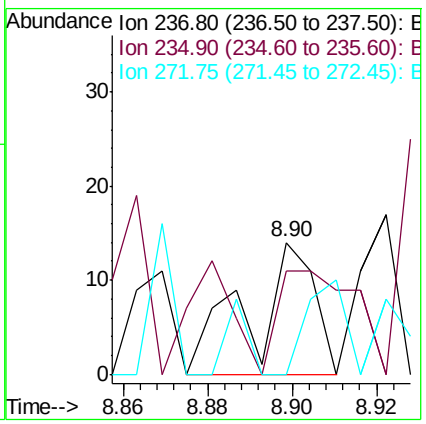


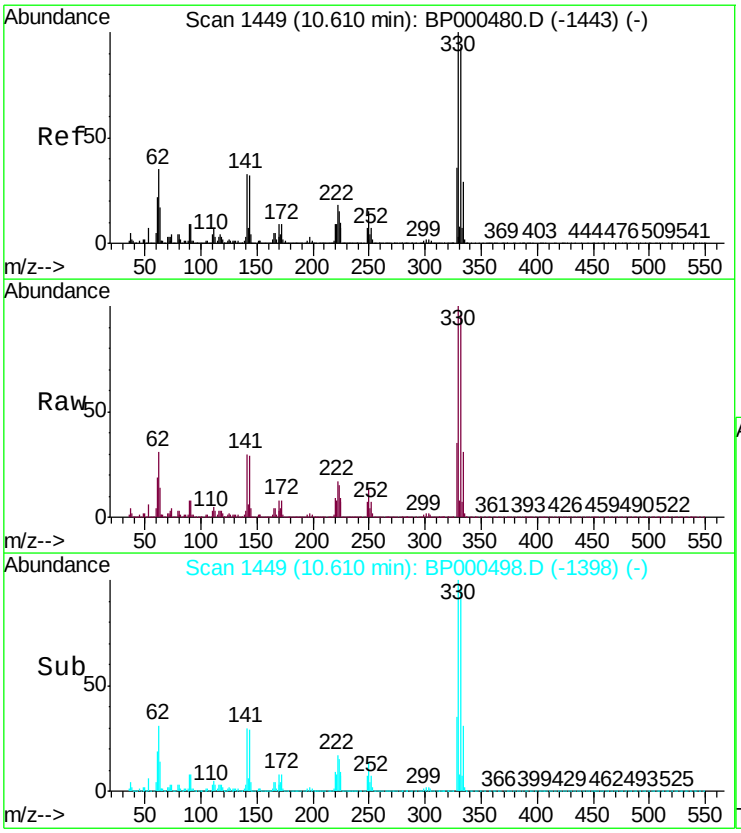
#41
Hexachlorocyclopentadiene
Concen: 7.302 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:237 Resp: 15

Ion	Ratio	Lower	Upper
237	100		
235	78.6	42.9	82.9
272	0.0	0.0	32.4

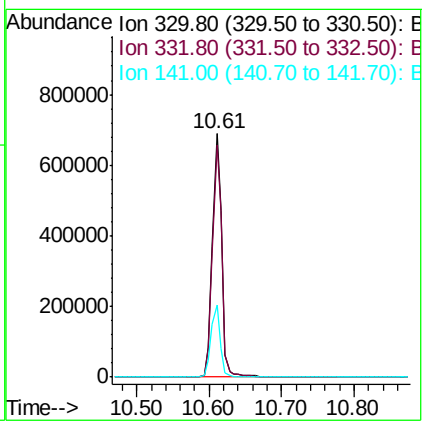


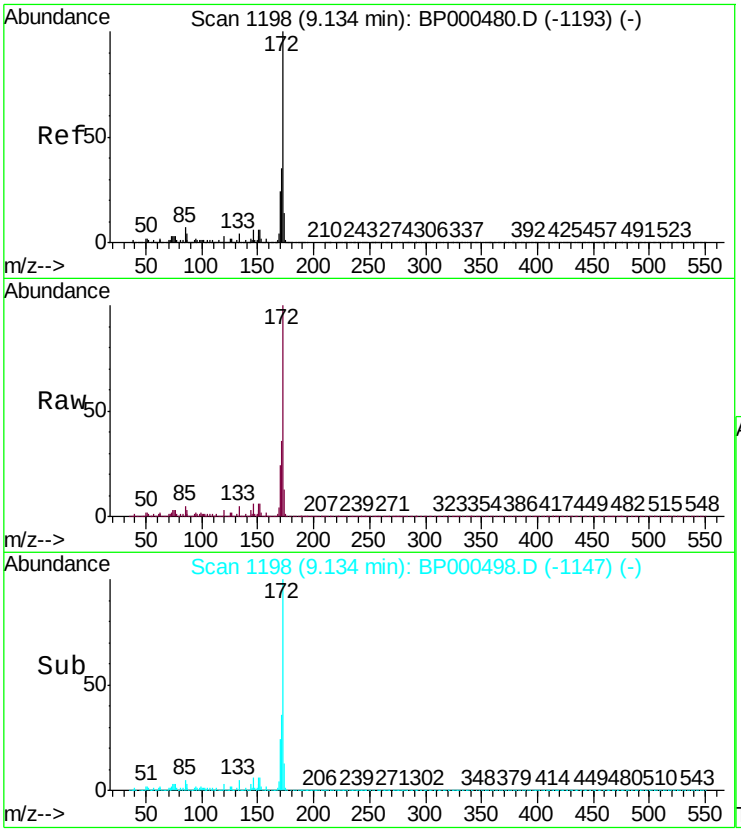


#42
2,4,6-Tribromophenol
Concen: 256.380 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion:330 Resp: 621139

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	29.7	26.0	39.0



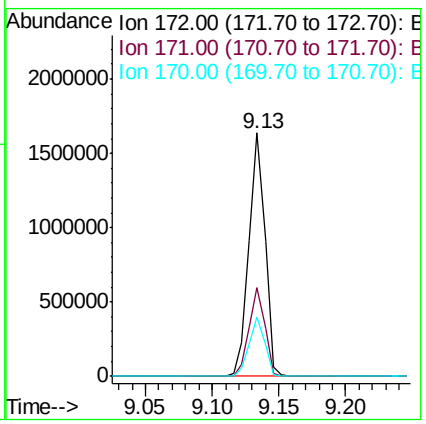


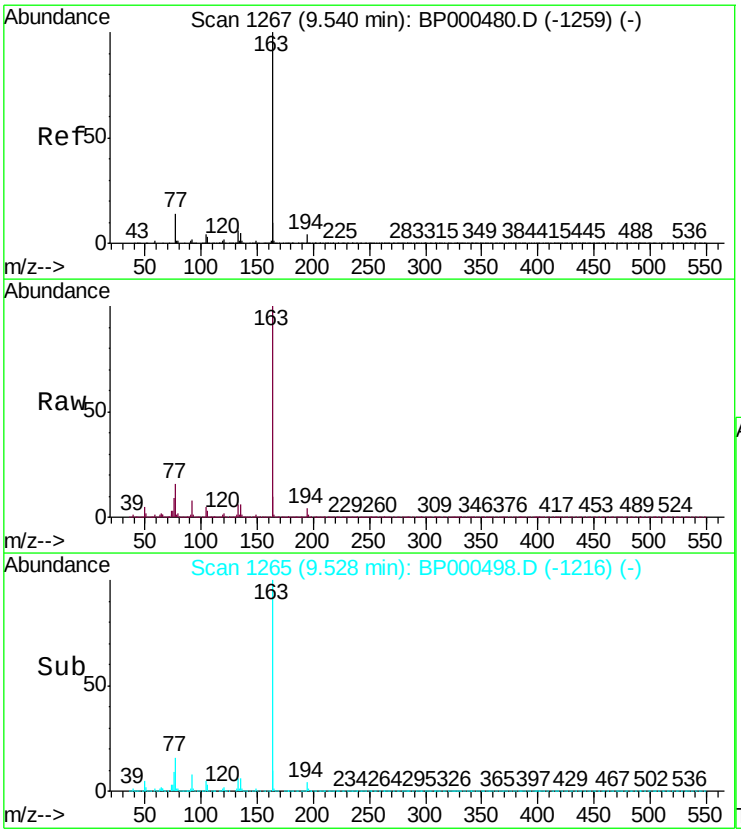
#45
2-Fluorobiphenyl
Concen: 95.400 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 1340516

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

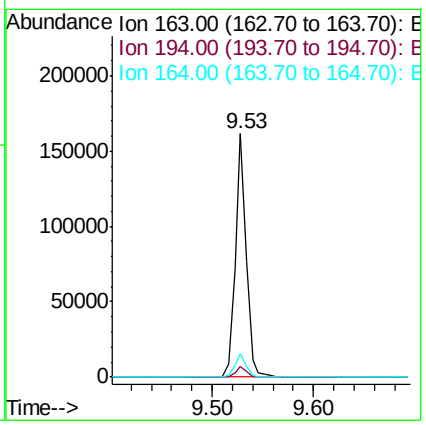


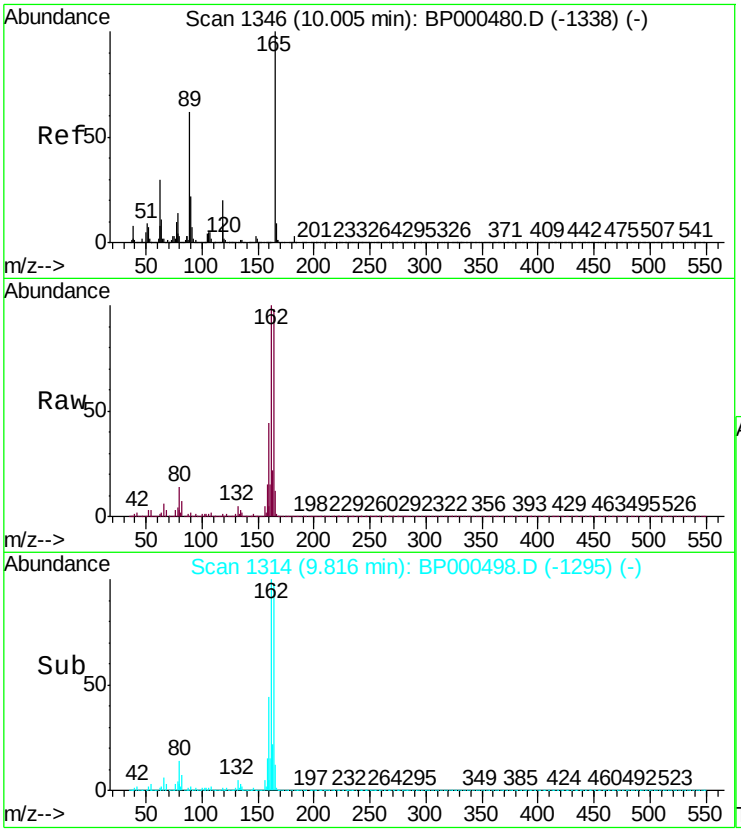


#50
Dimethylphthalate
Concen: 7.584 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion:163 Resp: 119811

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.8	8.0	12.0



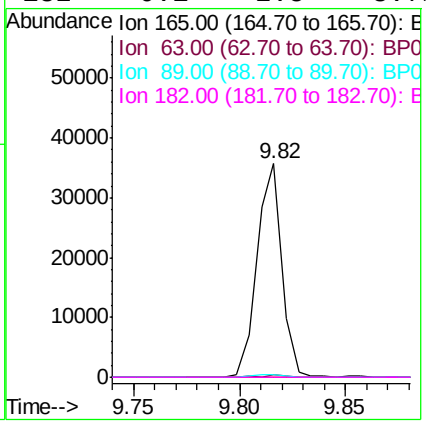


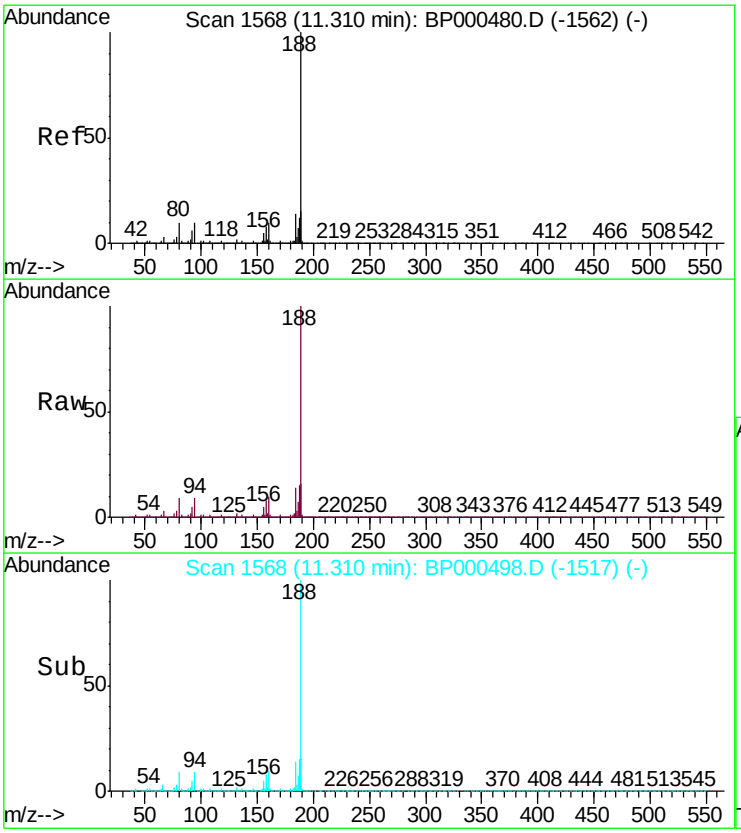
#57
2,4-Dinitrotoluene
Concen: 6.432 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 29379

Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.2	36.4#
89	1.4	49.4	74.0#
182	0.1	2.5	3.7#

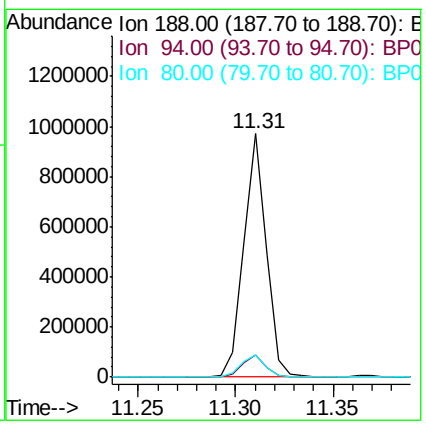


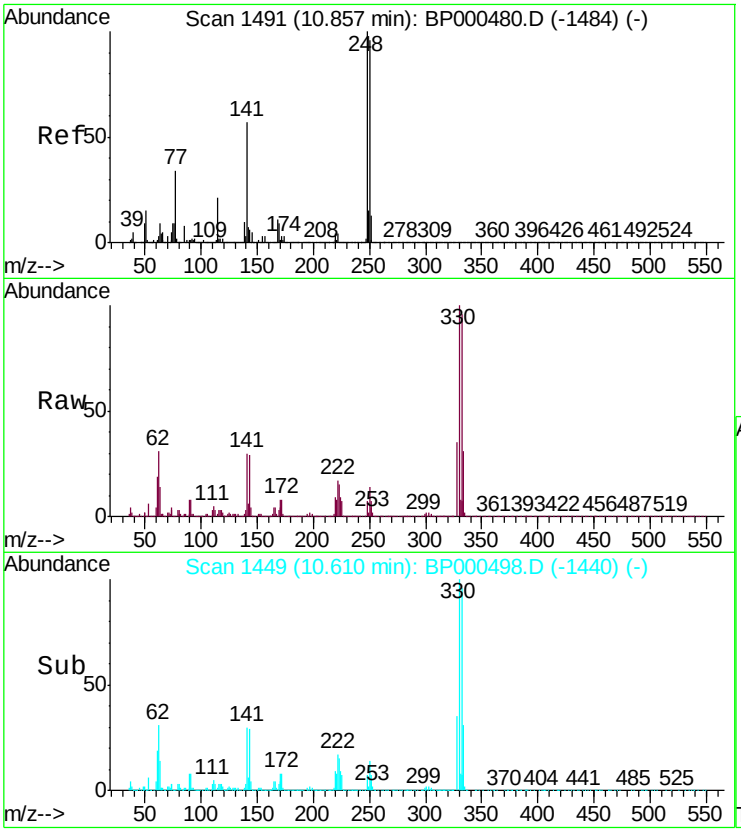


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion:188 Resp: 776370

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.3	8.3	12.5



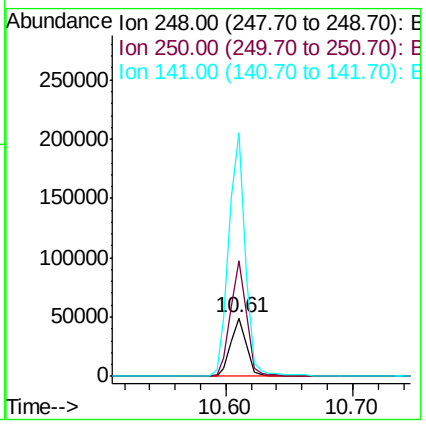


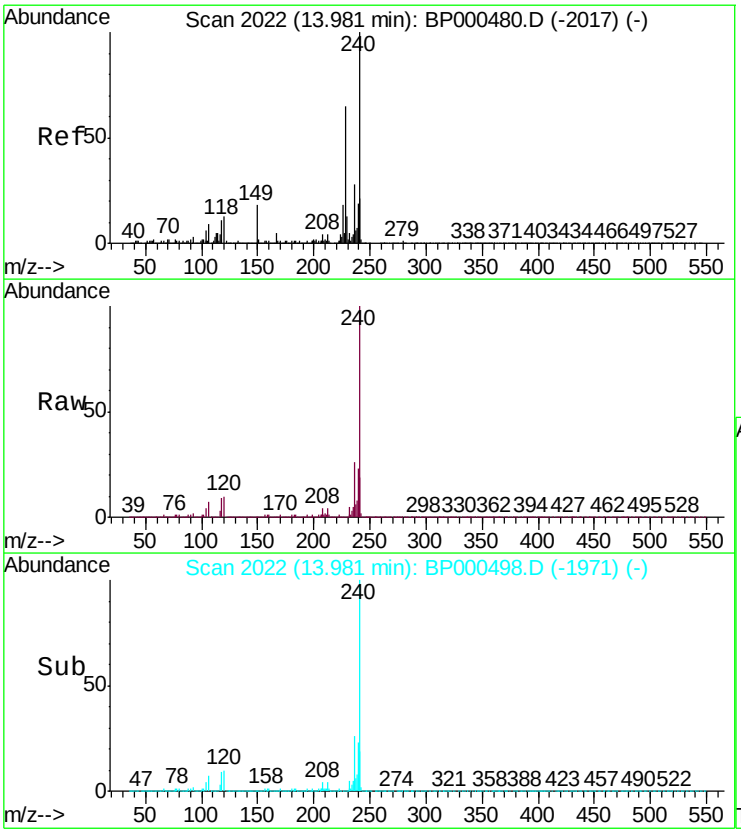
#67
4-Bromophenyl-phenylether
Concen: 4.828 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 42191

Ion	Ratio	Lower	Upper
248	100		
250	197.9	77.2	115.8#
141	418.7	45.3	67.9#

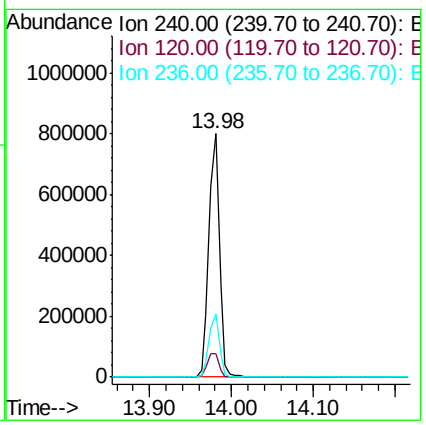


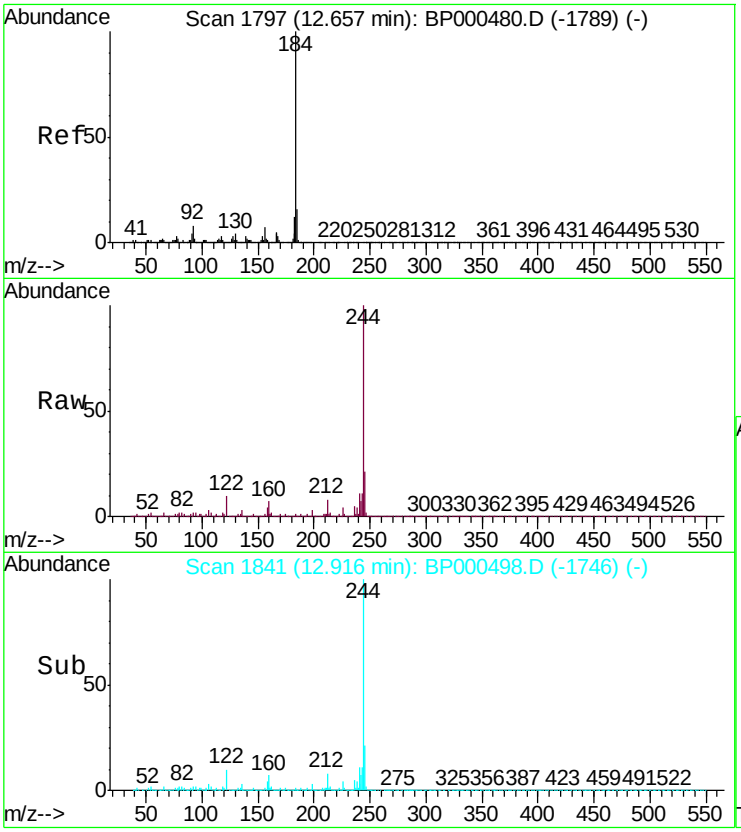


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion:240 Resp: 716069

Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.1	15.1#
236	26.0	22.7	34.1



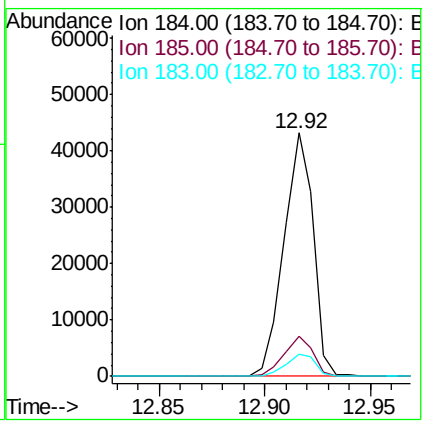


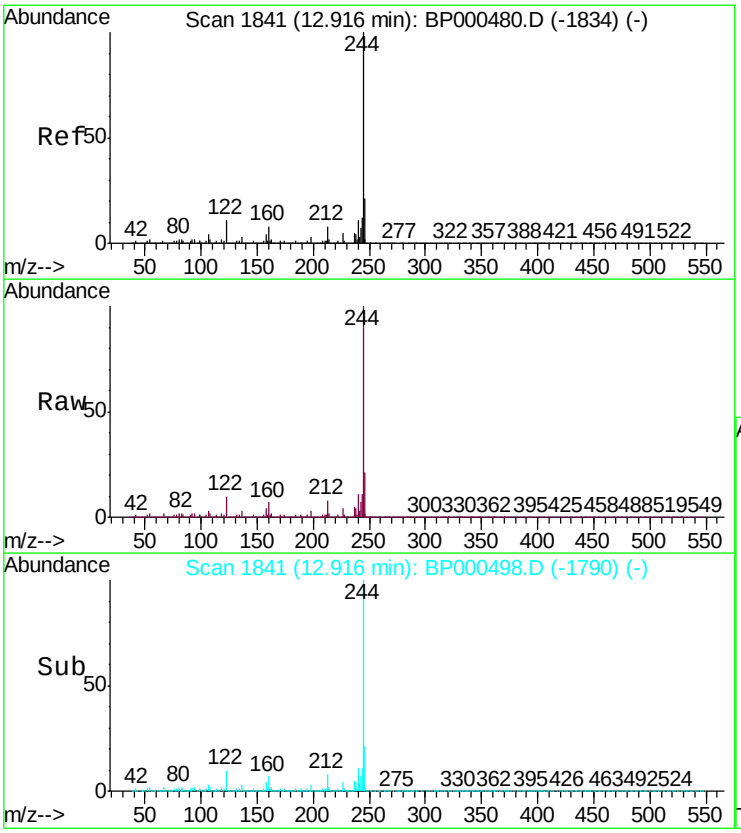
#77
Benzidine
Concen: 2.015 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.26 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:184 Resp: 41780

Ion	Ratio	Lower	Upper
184	100		
185	16.7	12.7	19.1
183	9.3	9.7	14.5#

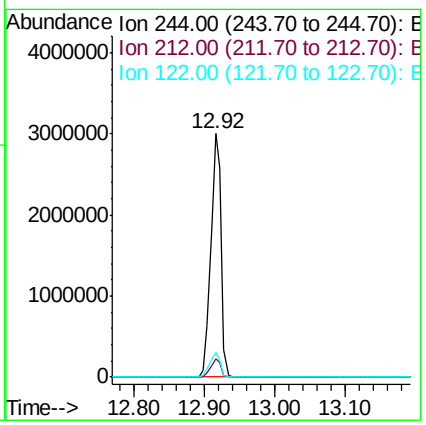


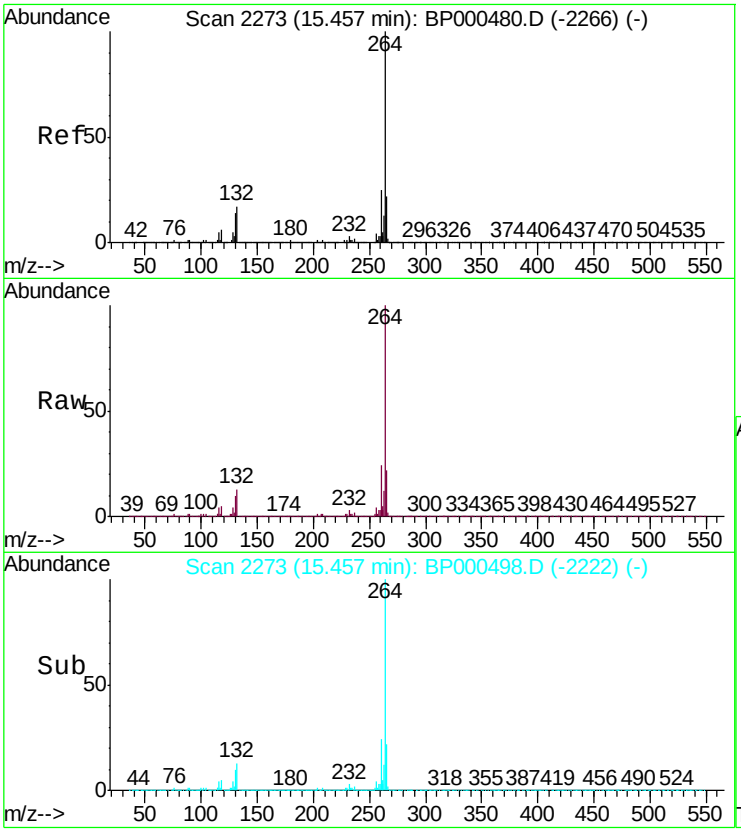


#79
Terphenyl-d14
Concen: 86.004 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Tgt Ion:244 Resp: 3041632

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.4	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000498.D
Acq: 03 Oct 2019 16:21

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 509678

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	21.7	18.0	27.0