Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
Data File : BP000492.D
Acq On : 03 Oct 2019 13:56
Operator : JU
Sample : K4663-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-093019

Quant Time: Oct 03 14:35:24 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	251730	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	897316	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	428804	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	501957	20.00	ng		0.00
76) Chrysene-d12	13.98	240	439192	20.00	ng		0.00
87) Perylene-d12	15.46	264	51800	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1601133	102.24	ng		0.01
7) Phenol-d6	6.42	99	1879397	99.59	ng		0.00
23) Nitrobenzene-d5	7.33	82	1148626	78.18	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	684498	149.80	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2473898	93.35	ng		0.00
79) Terphenyl-d14	12.92	244	2082388	96.00	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.33	82	1148345	44.040	ng	#	61
41) Hexachlorocyclopentadiene	9.06	237	28	7.302	ng		91
50) Dimethylphthalate	9.53	163	349808	11.740	ng		100
57) 2,4-Dinitrotoluene	9.82	165	55950	6.494	ng	#	32
67) 4-Bromophenyl-phenylether	10.61	248	46294	8.193	ng	#	1
77) Benzidine	12.92	184	28830	2.267	ng	#	96

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

Quantitation Report (Not Reviewed)

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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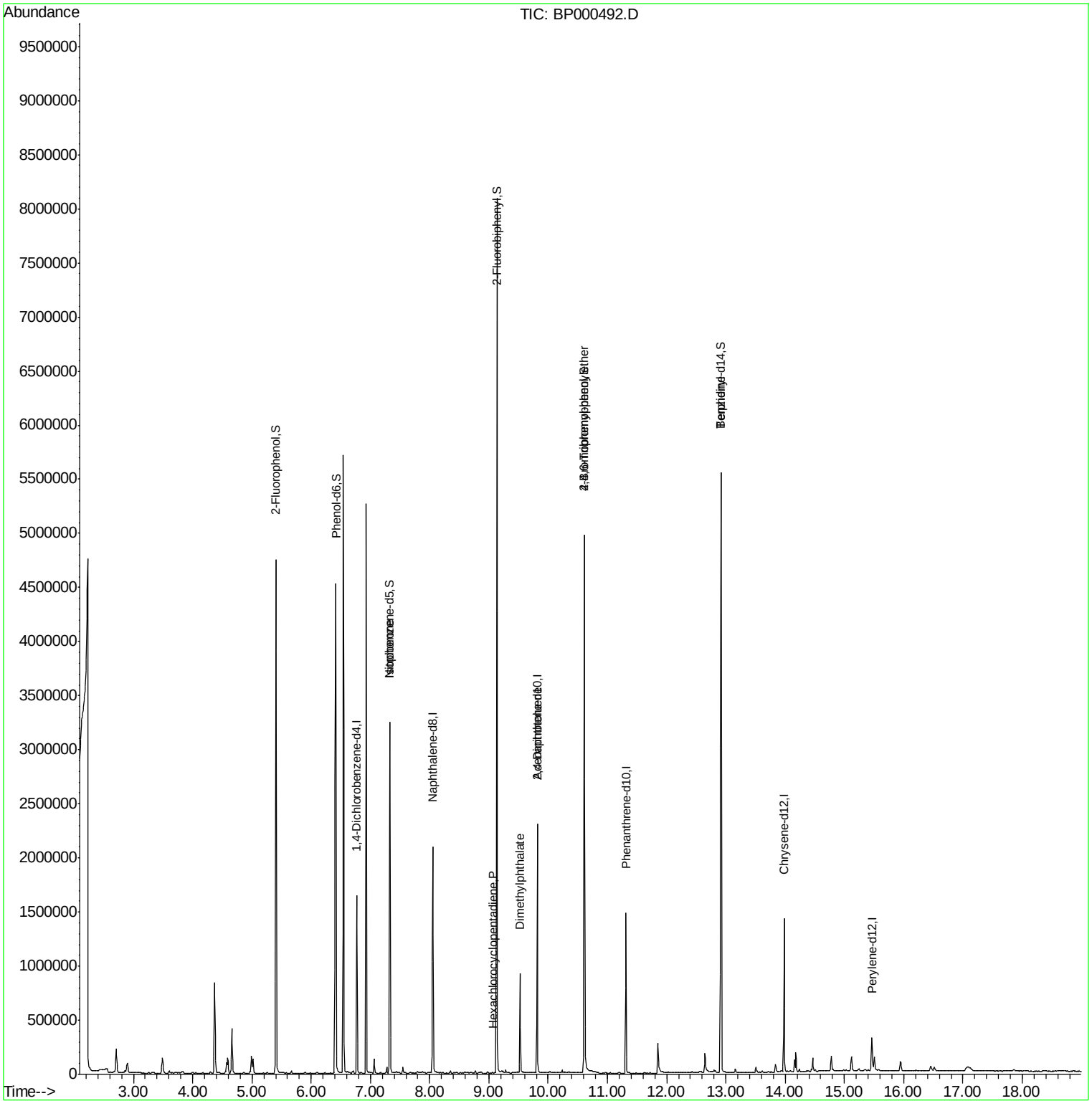
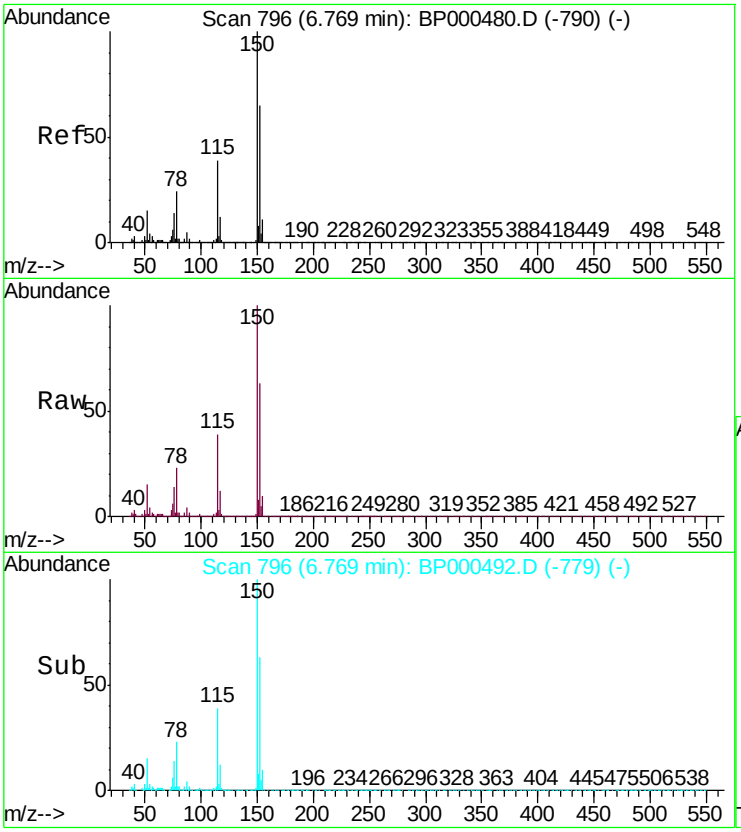


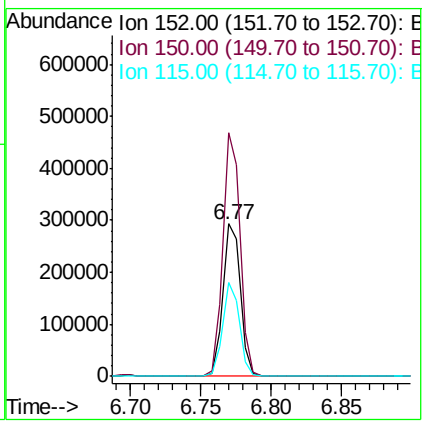


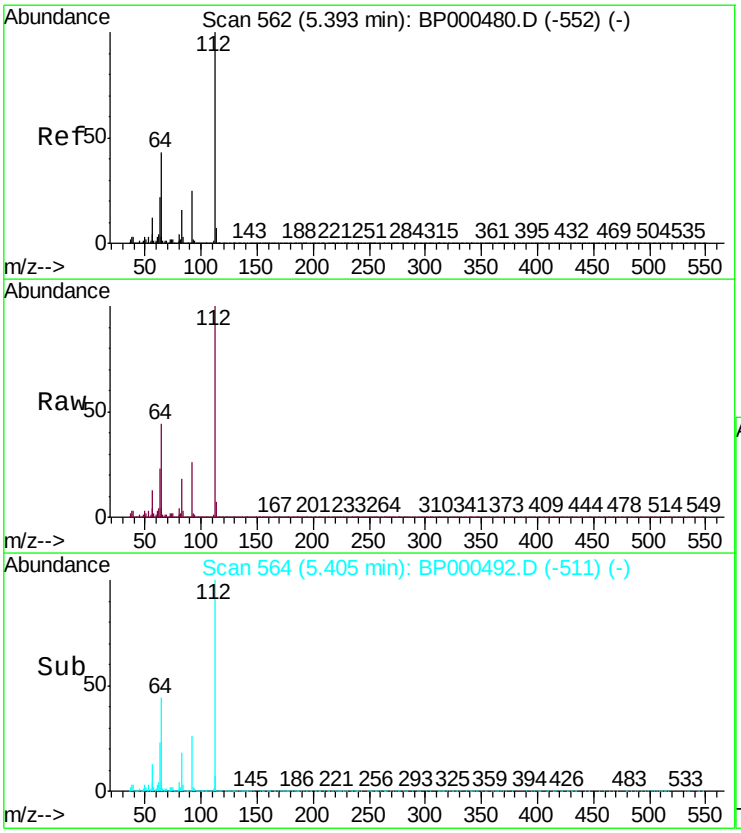
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion:152 Resp: 251730

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.1	186.1
115	61.9	48.7	73.1

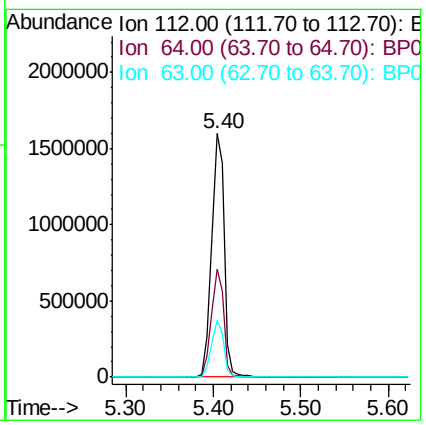


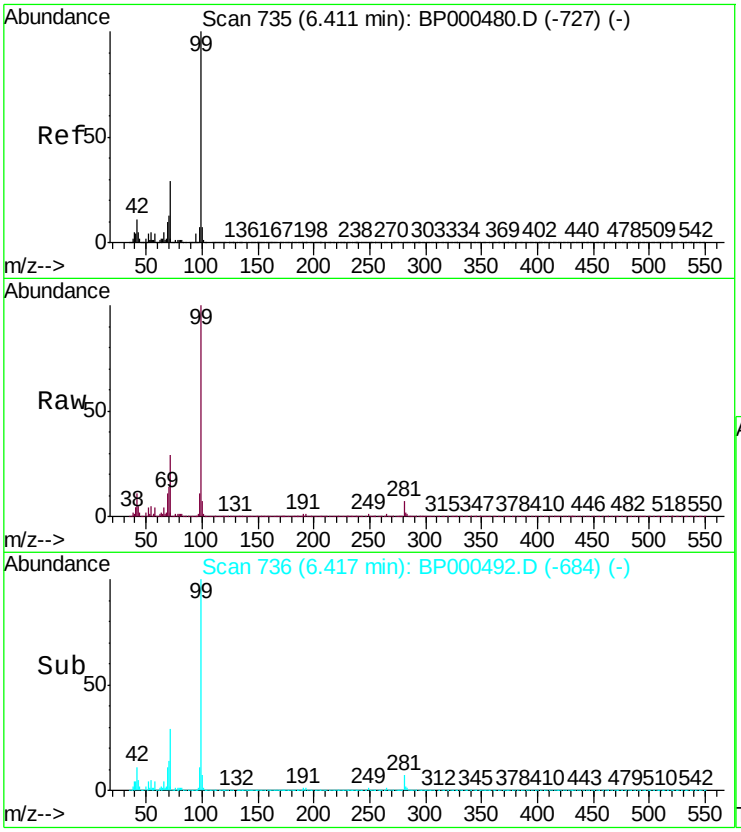


#5
2-Fluorophenol
Concen: 102.242 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion:112 Resp: 1601133

Ion	Ratio	Lower	Upper
112	100		
64	44.1	34.2	51.4
63	23.1	17.9	26.9



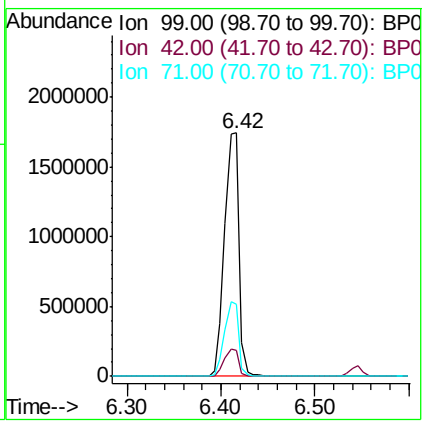


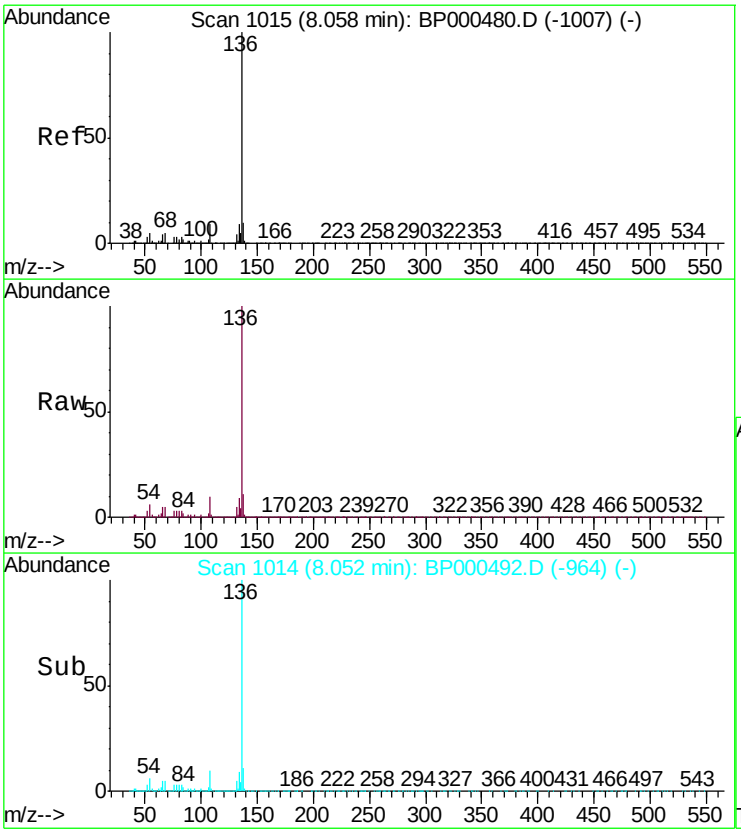
#7
Phenol-d6
Concen: 99.590 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion: 99 Resp: 1879397

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	29.4	23.0	34.4

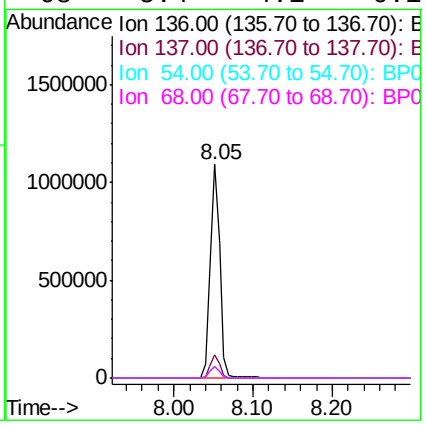


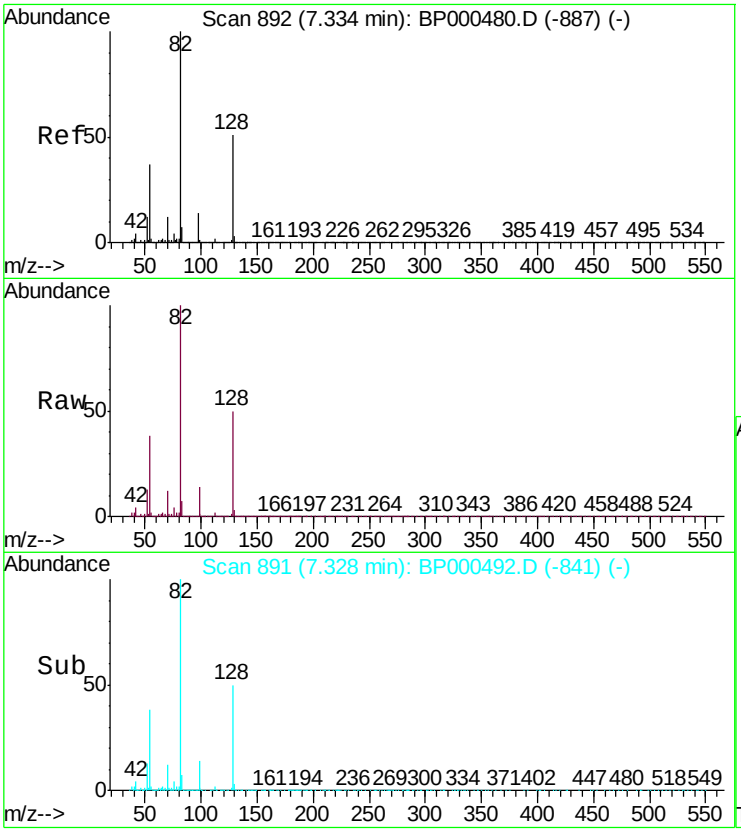


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion:136 Resp: 897316

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.7	4.1	6.1
68	5.4	4.1	6.1



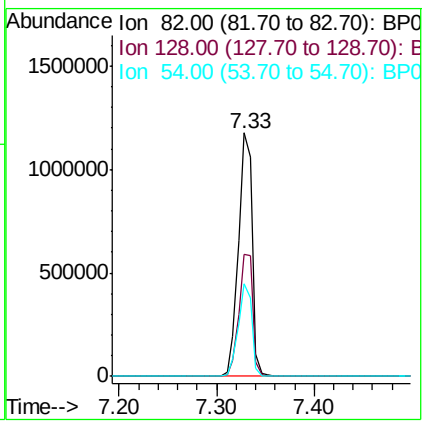


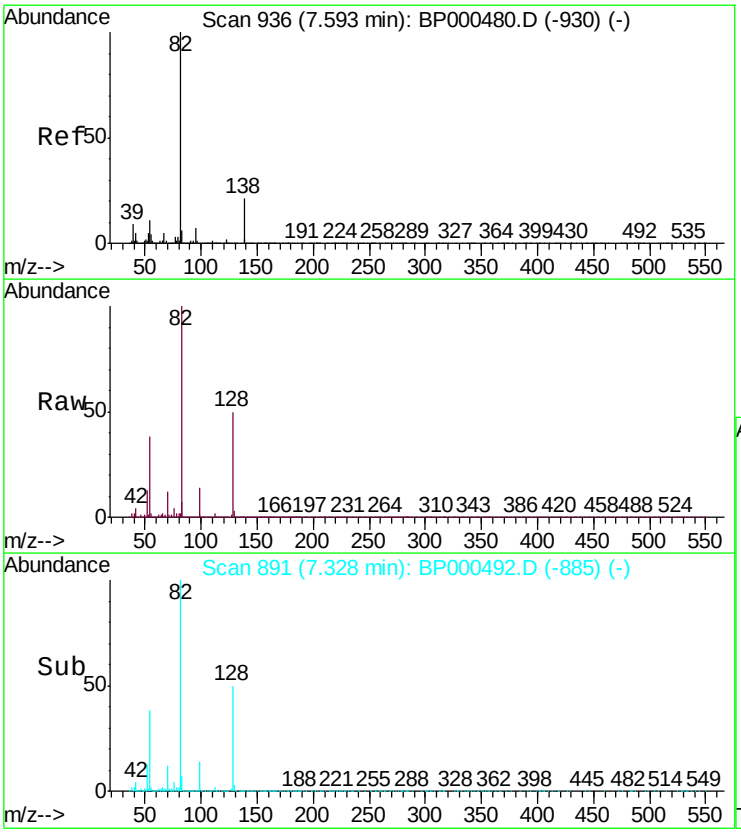
#23
Nitrobenzene-d5
Concen: 78.181 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion: 82 Resp: 1148626

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.9	61.3
54	38.3	29.4	44.2

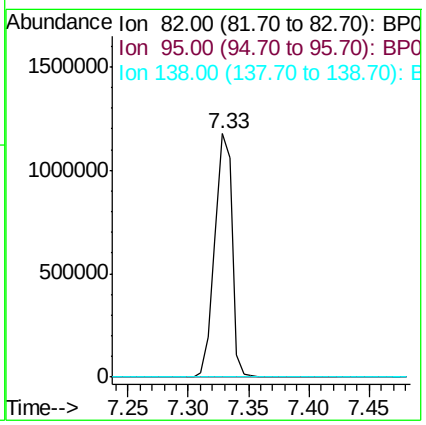


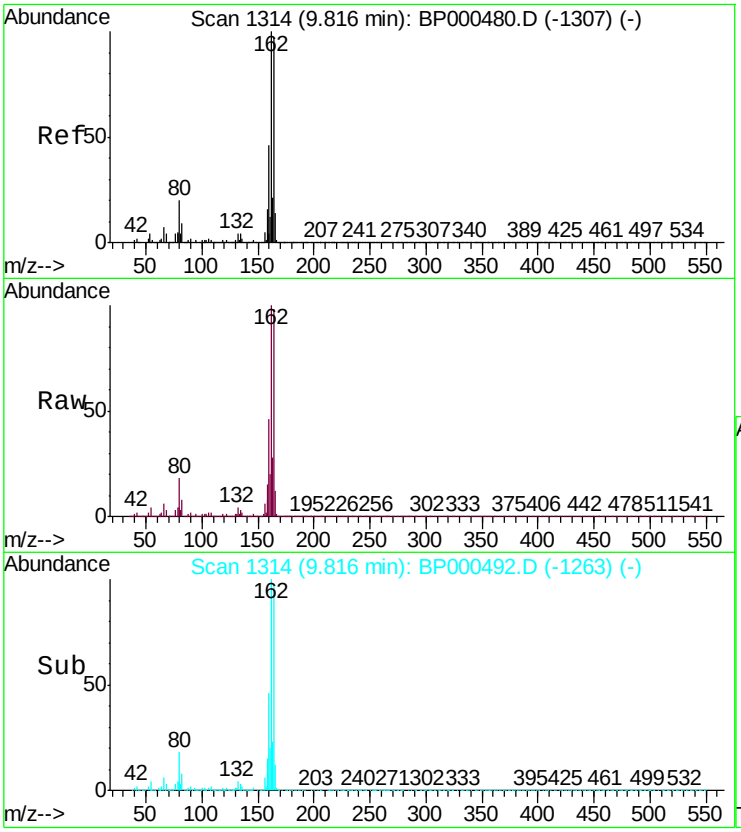


#25
Isophorone
Concen: 44.040 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion: 82 Resp: 1148345

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



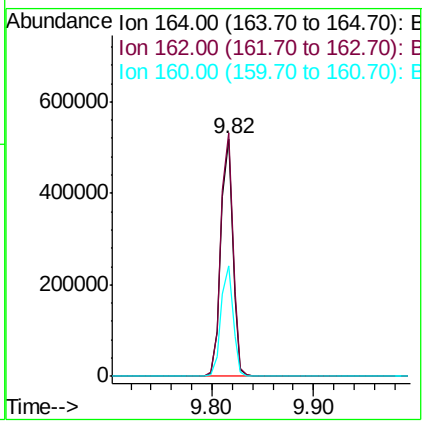


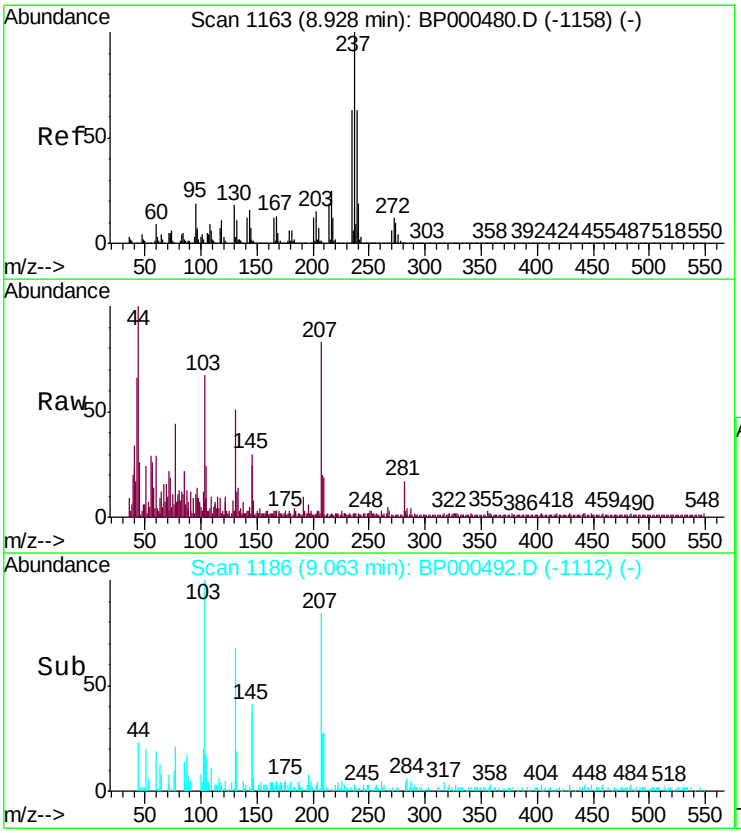
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion:164 Resp: 428804

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.2
160	46.7	37.6	56.4

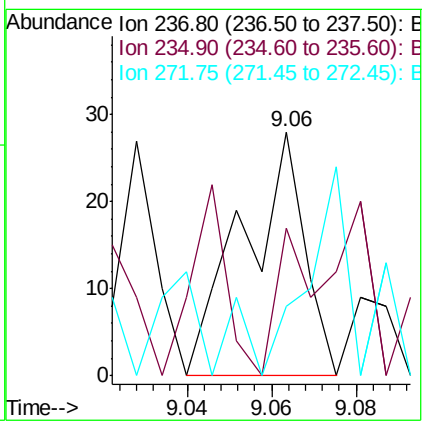


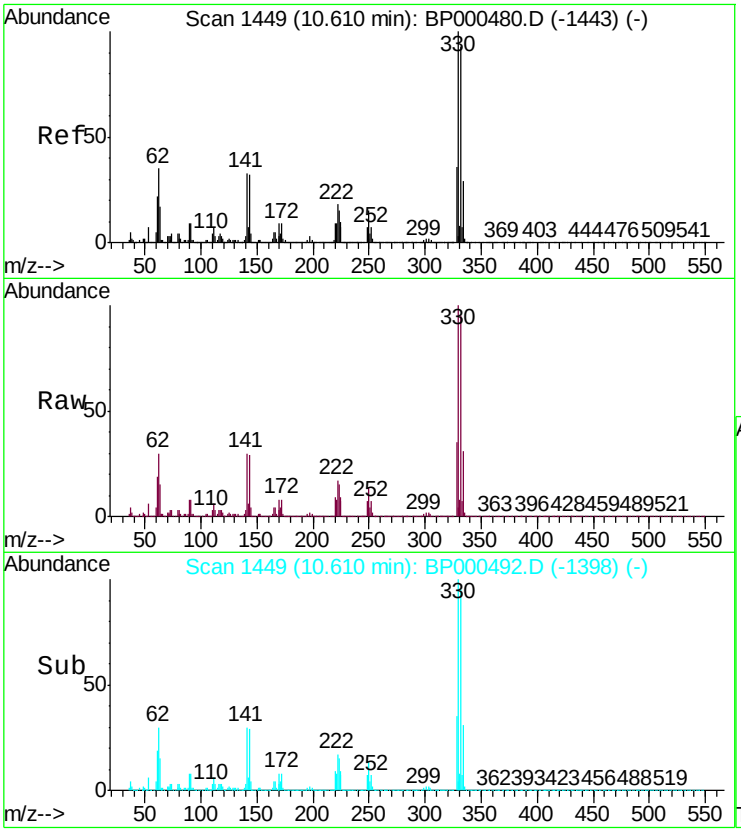


#41
Hexachlorocyclopentadiene
Concen: 7.302 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.14 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion:237 Resp: 28

Ion	Ratio	Lower	Upper
237	100		
235	60.7	42.9	82.9
272	28.6	0.0	32.4



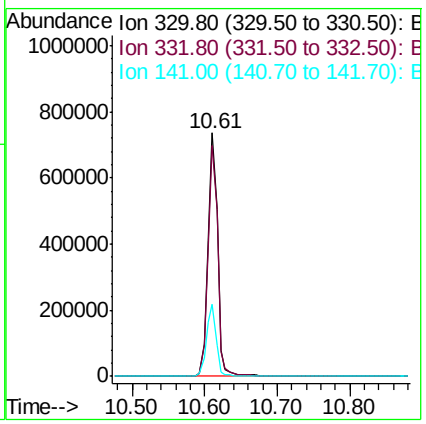


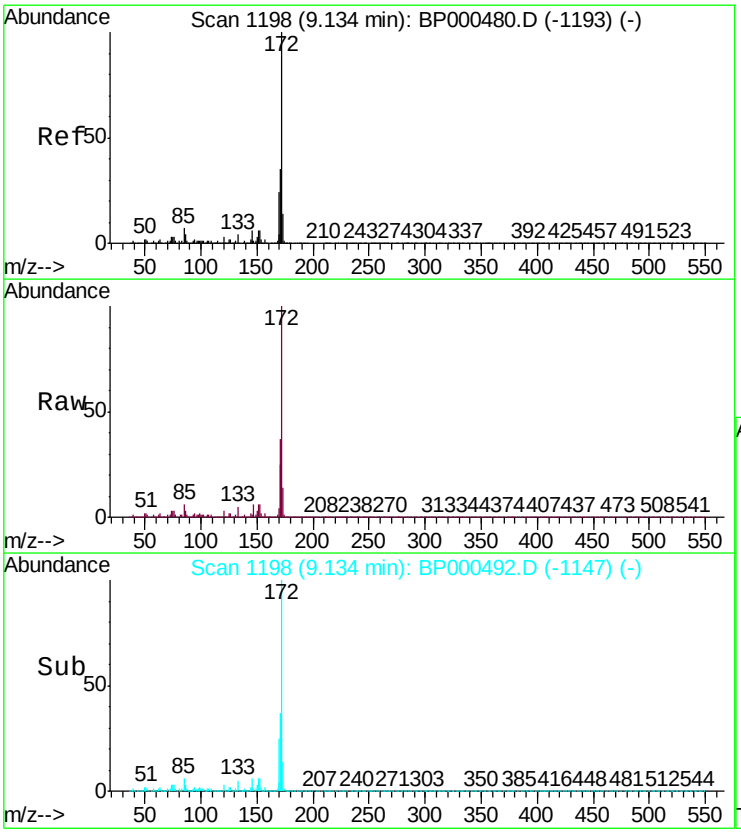
#42
2,4,6-Tribromophenol
Concen: 149.800 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion:330 Resp: 684498

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	30.0	26.0	39.0

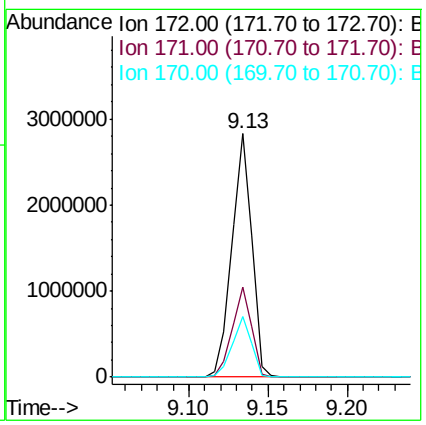


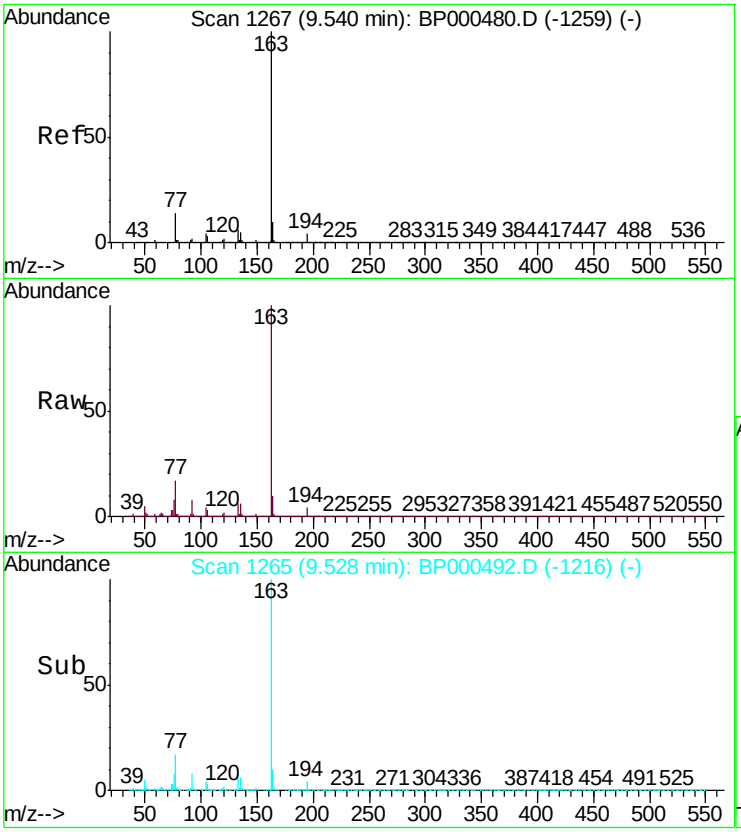


#45
2-Fluorobiphenyl
Concen: 93.347 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion:172 Resp: 2473898

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.4	42.6
170	24.8	19.1	28.7



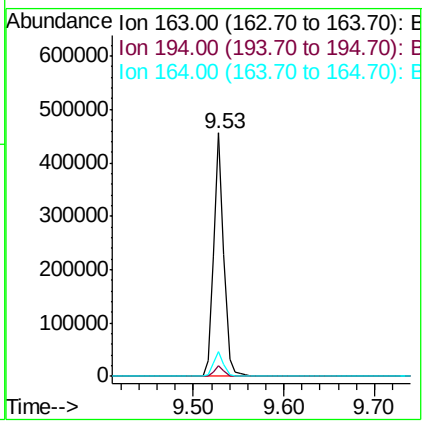


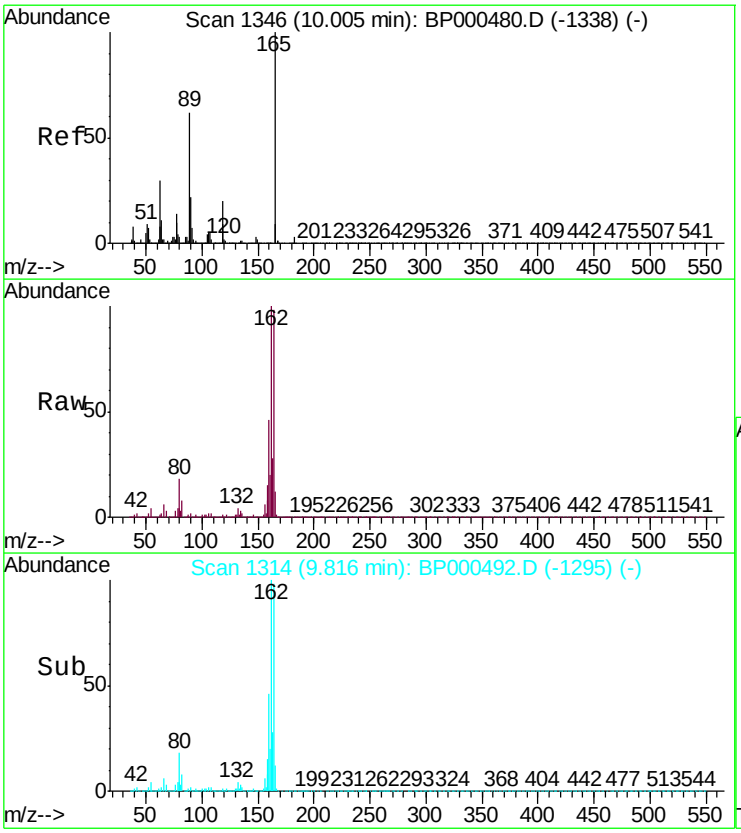
#50
Dimethylphthalate
Concen: 11.740 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion:163 Resp: 349808

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.0	12.0

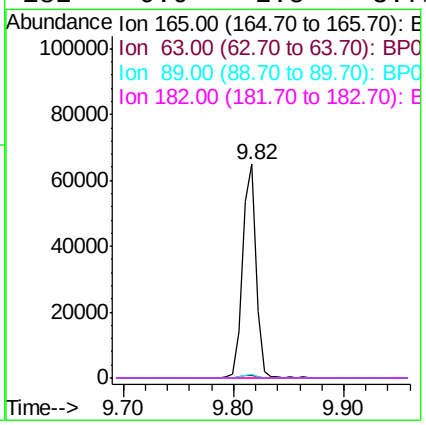


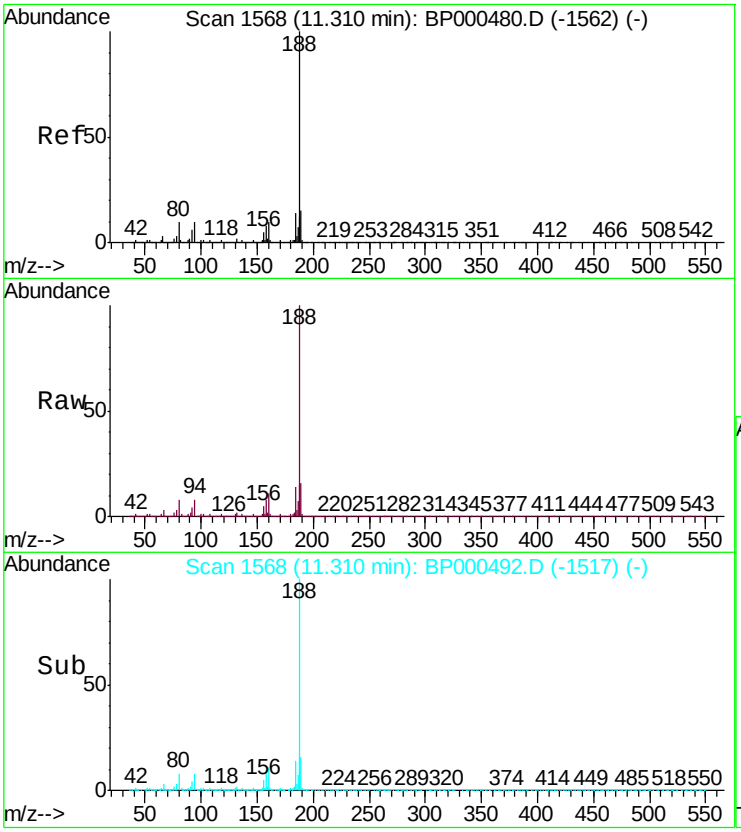


#57
2,4-Dinitrotoluene
Concen: 6.494 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion:165 Resp: 55950

Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.2	36.4#
89	1.6	49.4	74.0#
182	0.0	2.5	3.7#



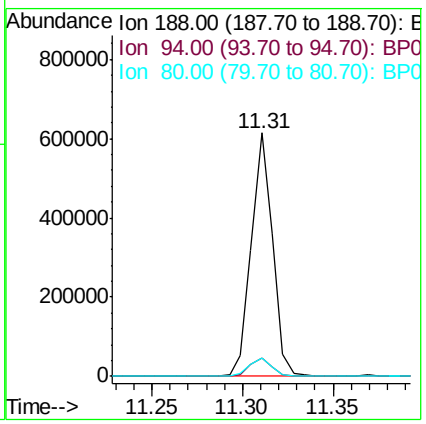


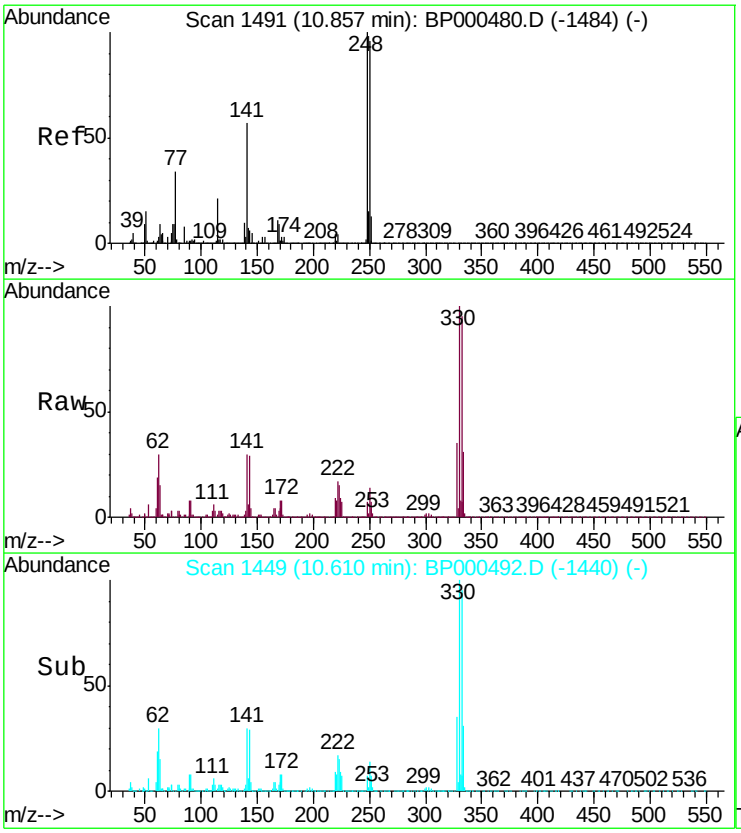
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion:188 Resp: 501957

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.2	12.2#
80	7.7	8.3	12.5#

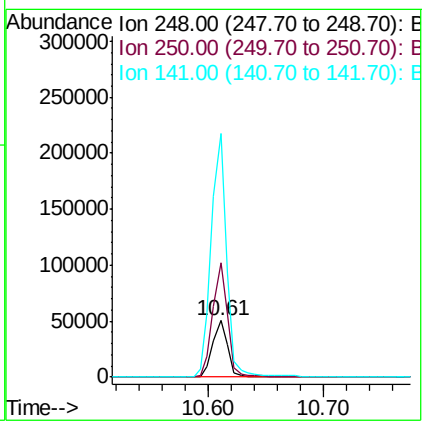


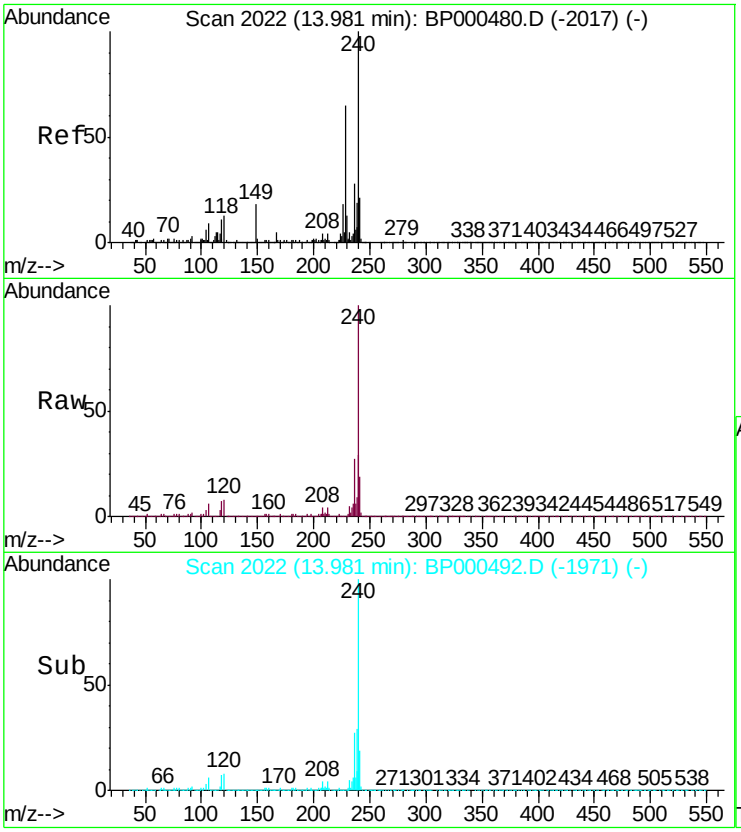


#67
4-Bromophenyl-phenylether
Concen: 8.193 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.25 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion:248 Resp: 46294

Ion	Ratio	Lower	Upper
248	100		
250	201.4	77.2	115.8#
141	429.6	45.3	67.9#



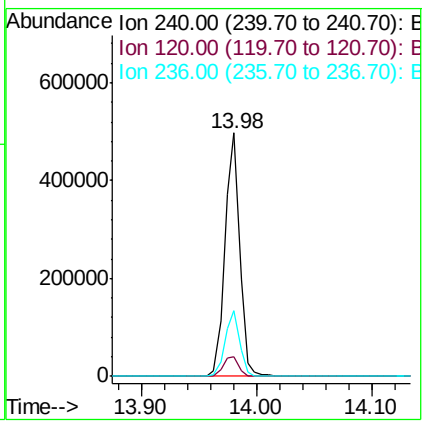


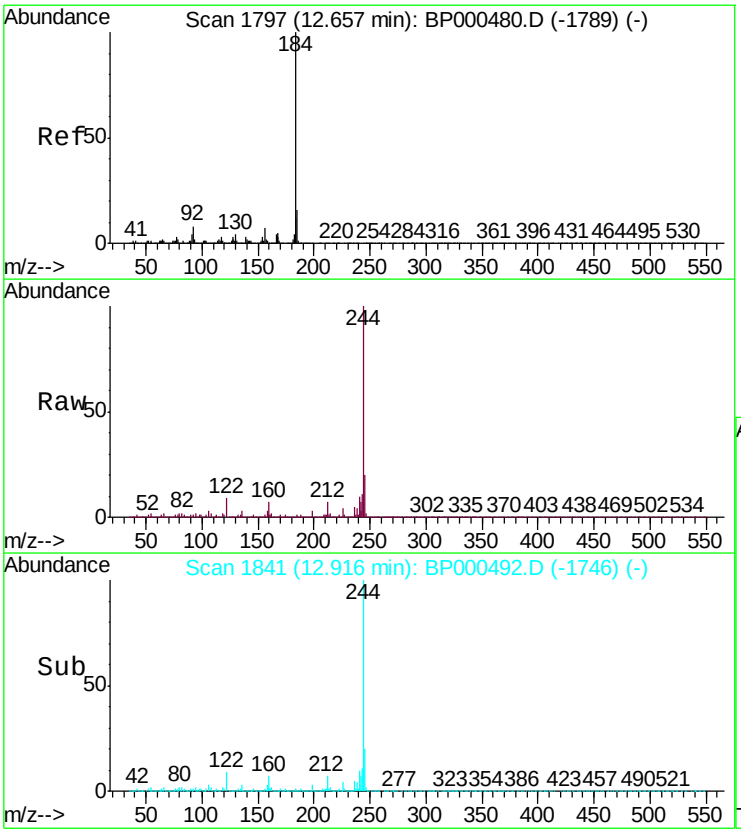
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion:240 Resp: 439192

Ion	Ratio	Lower	Upper
240	100		
120	8.1	10.1	15.1#
236	26.9	22.7	34.1

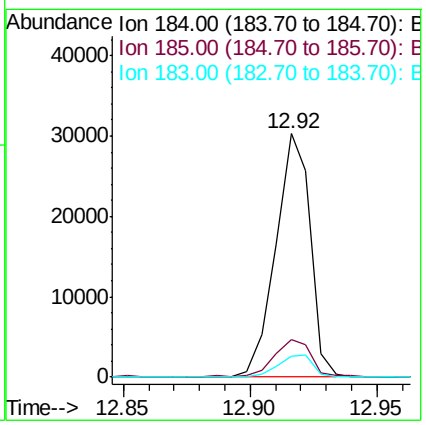


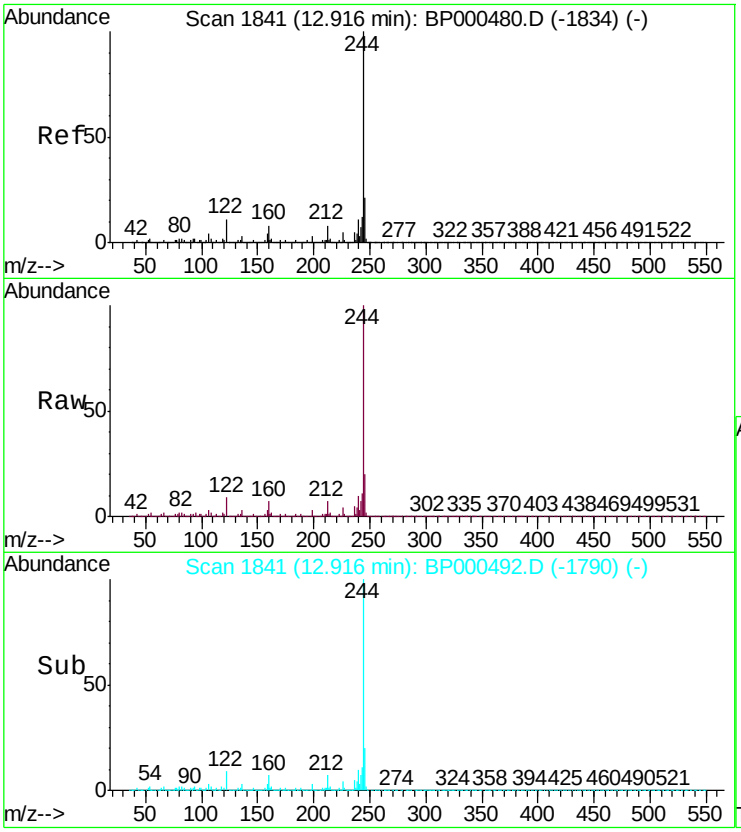


#77
Benzidine
Concen: 2.267 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.26 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion:184 Resp: 28830

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.7	19.1
183	8.6	9.7	14.5#



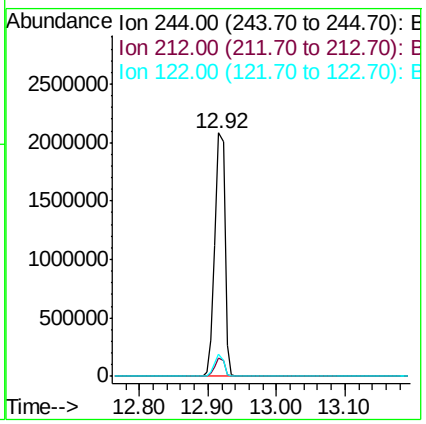


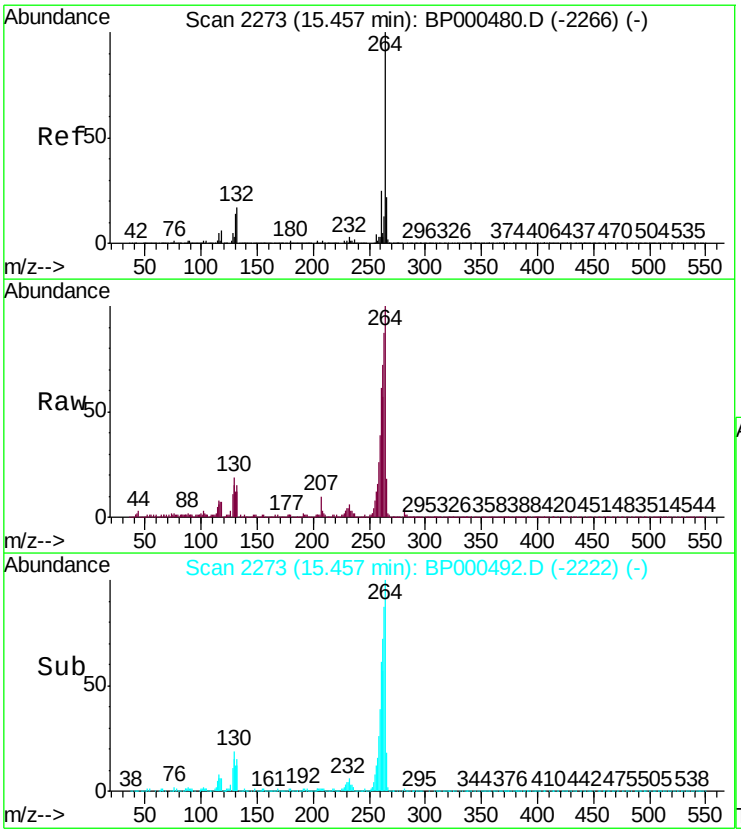
#79
Terphenyl-d14
Concen: 96.001 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000492.D
Acq: 03 Oct 2019 13:56

Instrument :
BNA_P
ClientSampleId :
OK-01-093019

Tgt Ion:244 Resp: 2082388

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	9.1	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: BP000492.D
Acq: 03 Oct 2019 13:56

Tgt Ion:264 Resp: 51800

Ion	Ratio	Lower	Upper
264	100		
260	60.6	20.3	30.5#
265	18.3	18.0	27.0