Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000532.D
Acq On : 05 Oct 2019 01:13
Operator : JU
Sample : K5160-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 05 06:01:10 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	254921	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	912804	20.00	ng		0.00
39) Acenaphthene-d10	9.81	164	502823	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	910461	20.00	ng		0.00
76) Chrysene-d12	13.97	240	775940	20.00	ng		0.00
87) Perylene-d12	15.45	264	853258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1818564	114.67	ng		0.01
7) Phenol-d6	6.42	99	2231589	116.77	ng		0.00
23) Nitrobenzene-d5	7.33	82	1242214	83.12	ng		0.00
42) 2,4,6-Tribromophenol	10.61	330	724245	135.17	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2652706	85.36	ng		0.00
79) Terphenyl-d14	12.92	244	3269673	85.32	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.55	77	37734	3.791	ng		83
10) Phenol	6.42	94	74741	3.820	ng		97
19) n-Nitroso-di-n-propylamine	7.33	70	153452	17.420	ng	#	73
25) Isophorone	7.33	82	1241238	46.795	ng	#	61
41) Hexachlorocyclopentadiene	8.85	237	26	7.301	ng		94
50) Dimethylphthalate	9.52	163	287585	8.231	ng		99
57) 2,4-Dinitrotoluene	9.81	165	66189	6.552	ng	#	31
67) 4-Bromophenyl-phenylether	10.60	248	49671	4.847	ng	#	1

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

Quantitation Report (Not Reviewed)

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Acq On : 05 Oct 2019 01:13
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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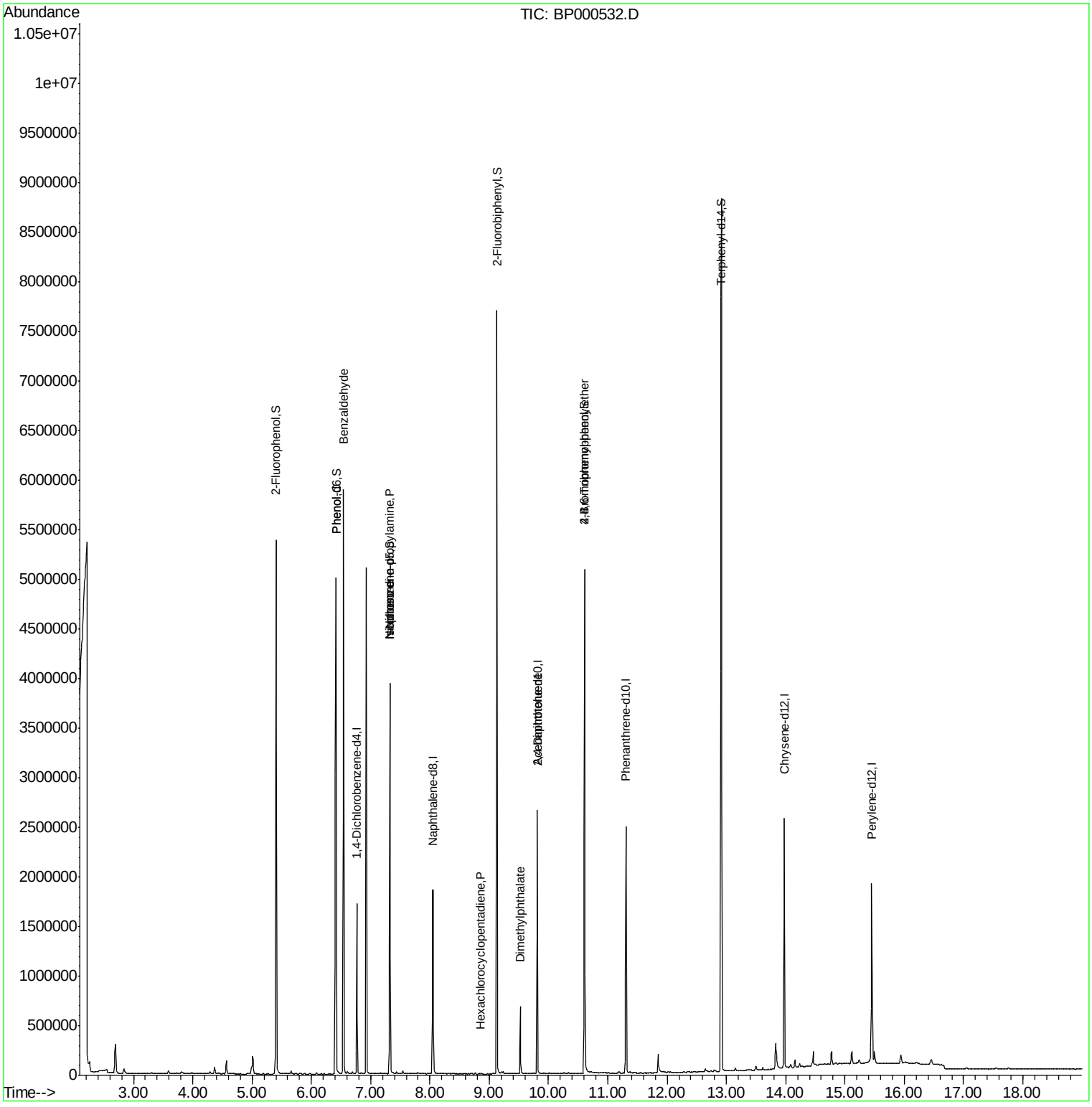
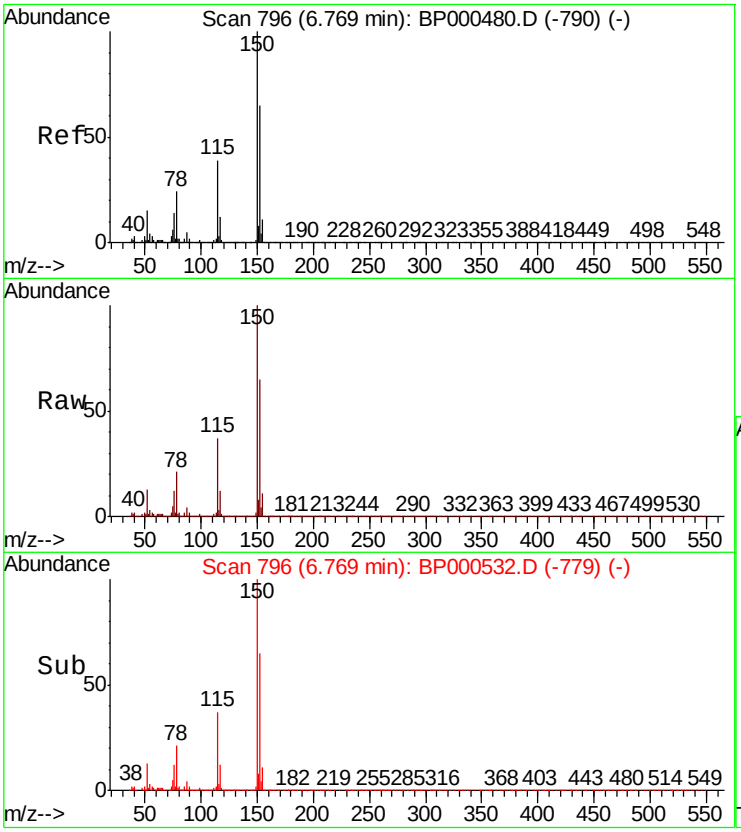


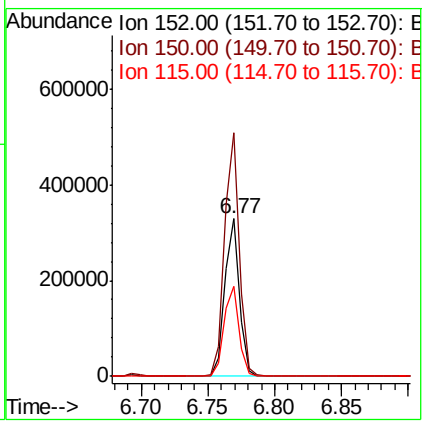


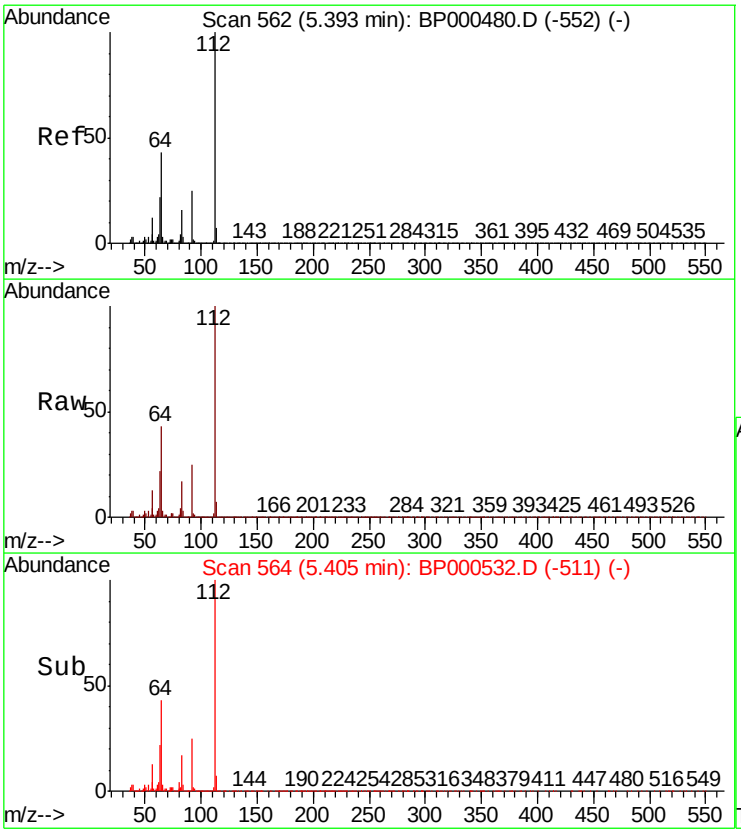
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 254921

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.1	186.1
115	57.2	48.7	73.1

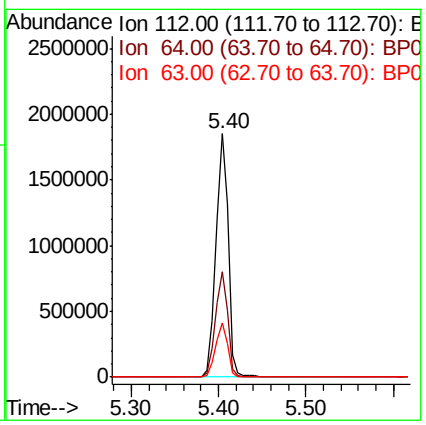


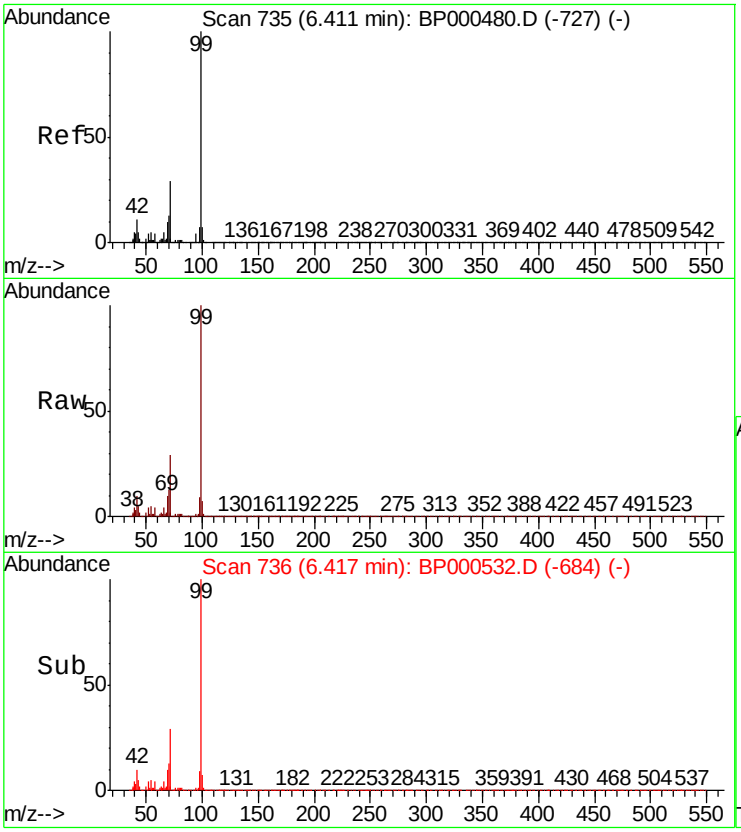


#5
2-Fluorophenol
Concen: 114.672 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion:112 Resp: 1818564

Ion	Ratio	Lower	Upper
112	100		
64	43.4	34.2	51.4
63	22.5	17.9	26.9



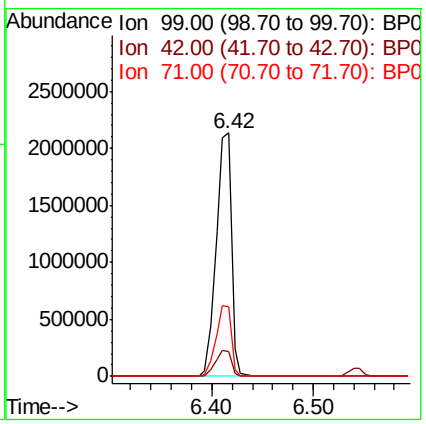


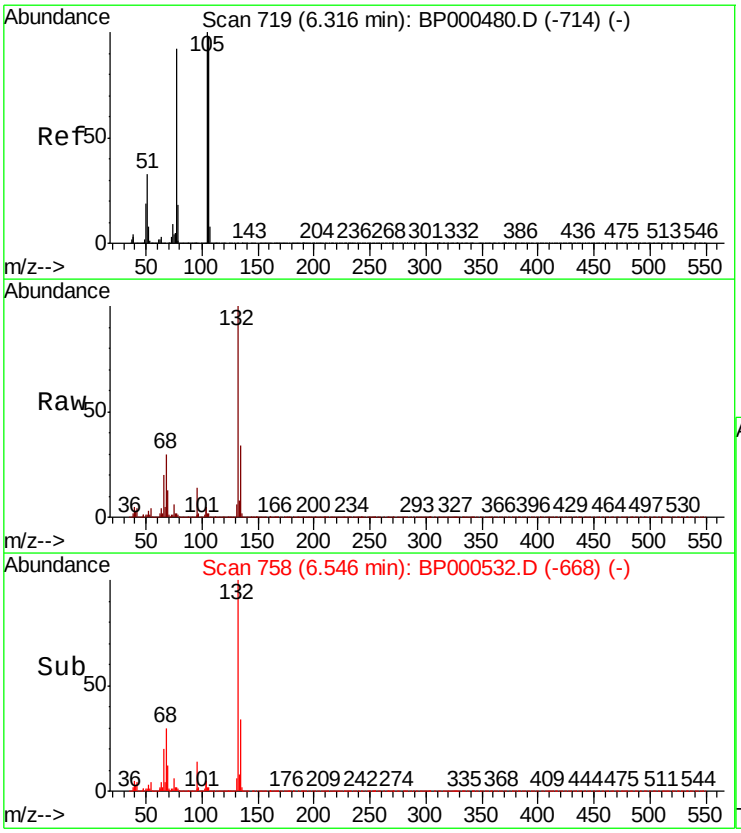
#7
Phenol-d6
Concen: 116.773 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2231589

Ion	Ratio	Lower	Upper
99	100		
42	10.1	8.6	12.8
71	28.6	23.0	34.4

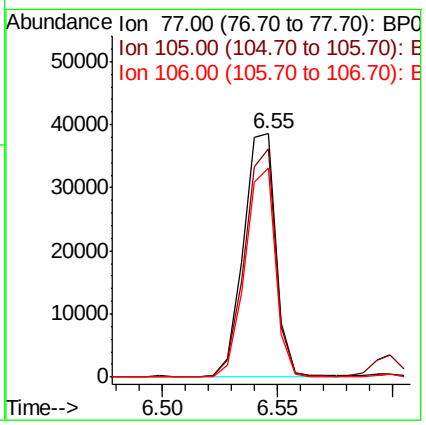


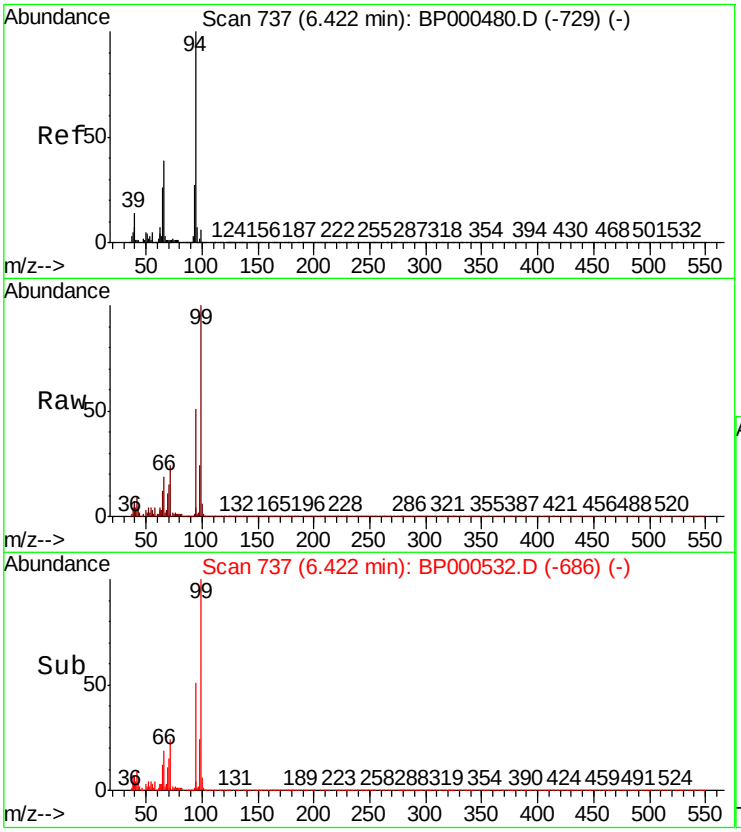


#9
Benzaldehyde
Concen: 3.791 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.23 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion: 77 Resp: 37734

Ion	Ratio	Lower	Upper
77	100		
105	93.6	88.3	128.3
106	85.8	85.7	125.7



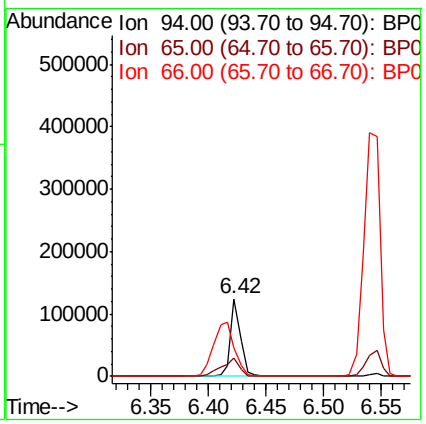


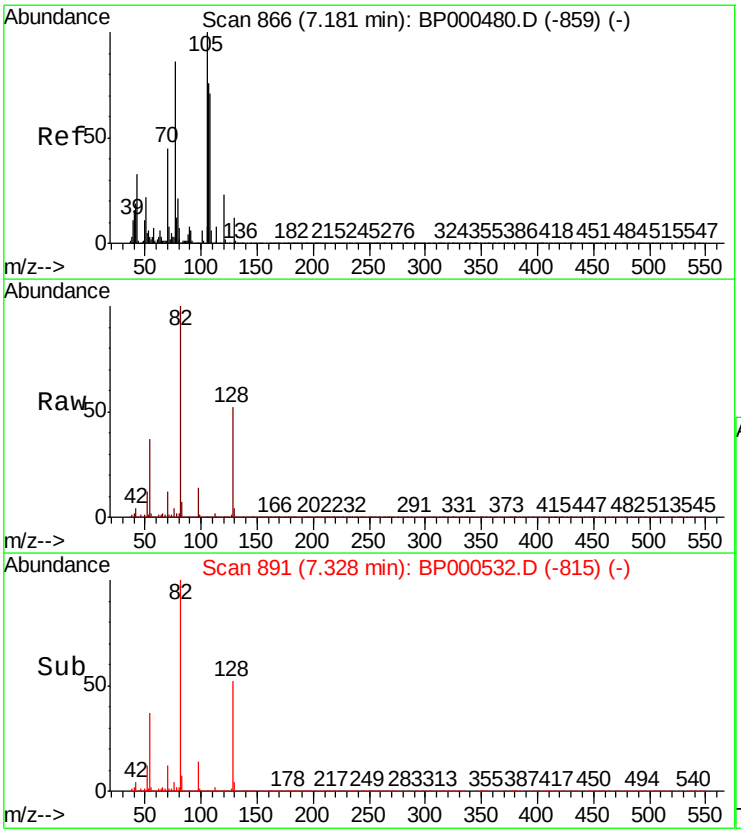
#10
Phenol
Concen: 3.820 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 74741

Ion	Ratio	Lower	Upper
94	100		
65	24.2	5.9	45.9
66	37.2	18.8	58.8

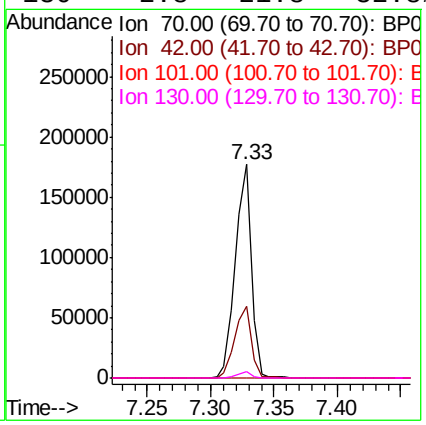


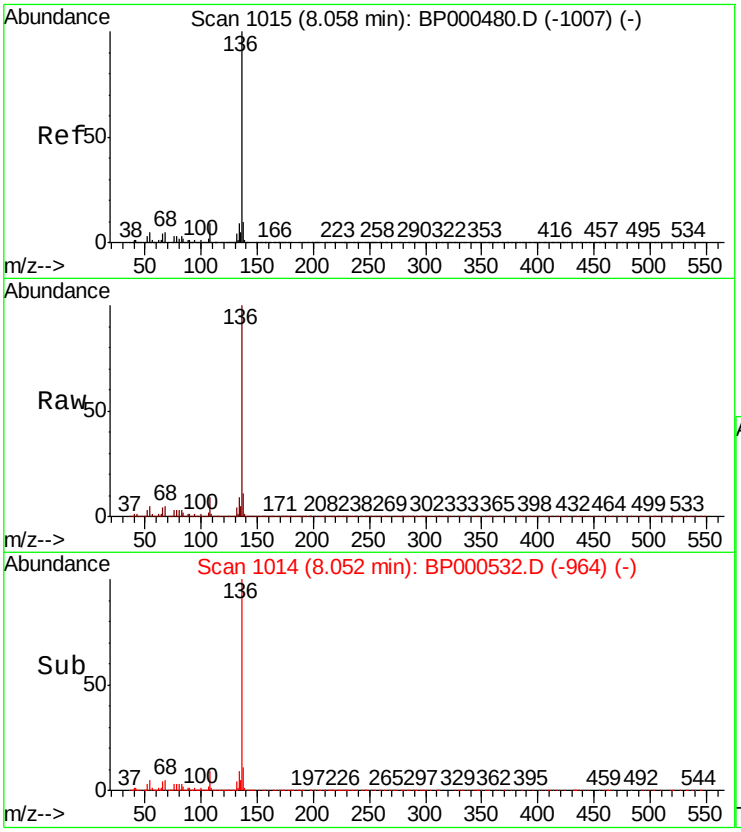


#19
n-Nitroso-di-n-propylamine
Concen: 17.420 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion: 70 Resp: 153452

Ion	Ratio	Lower	Upper
70	100		
42	33.5	33.2	49.8
101	0.0	9.9	14.9#
130	2.8	21.8	32.8#



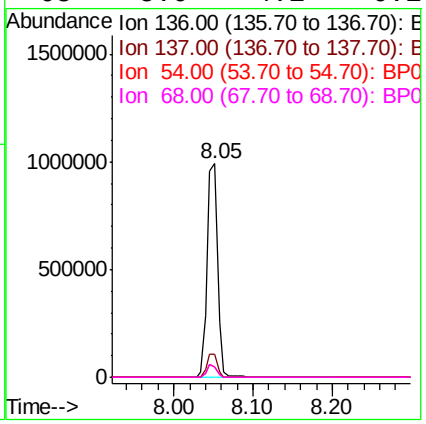


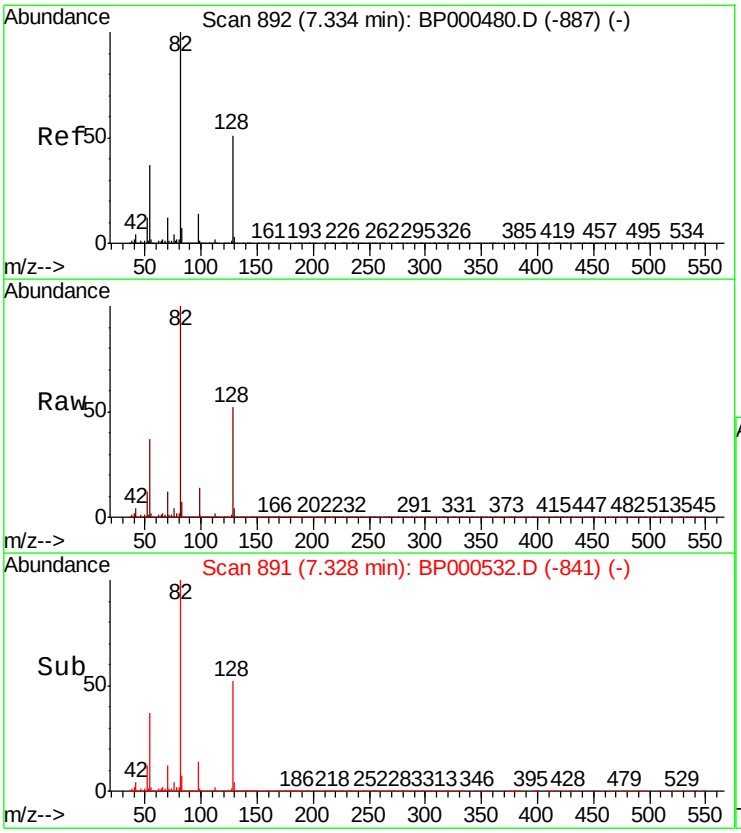
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 912804

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	5.0	4.1	6.1
68	5.0	4.1	6.1

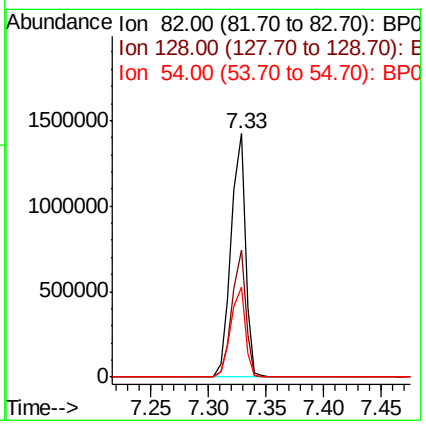


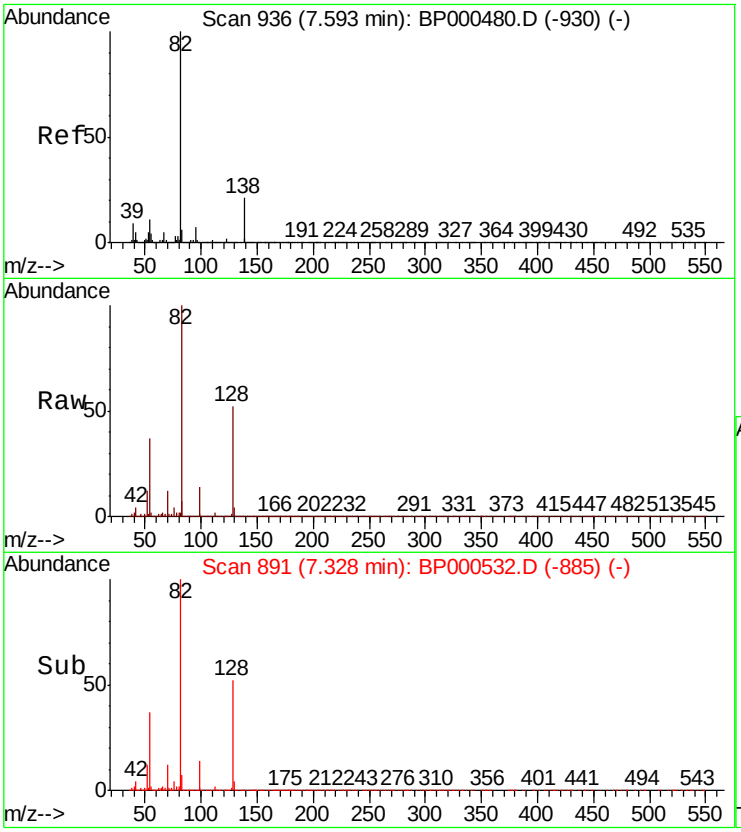


#23
Nitrobenzene-d5
Concen: 83.116 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion: 82 Resp: 1242214

Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.9	61.3
54	37.1	29.4	44.2



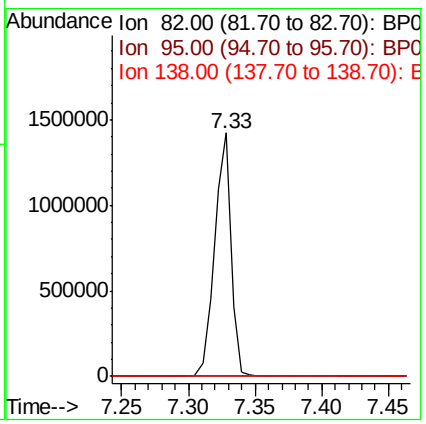


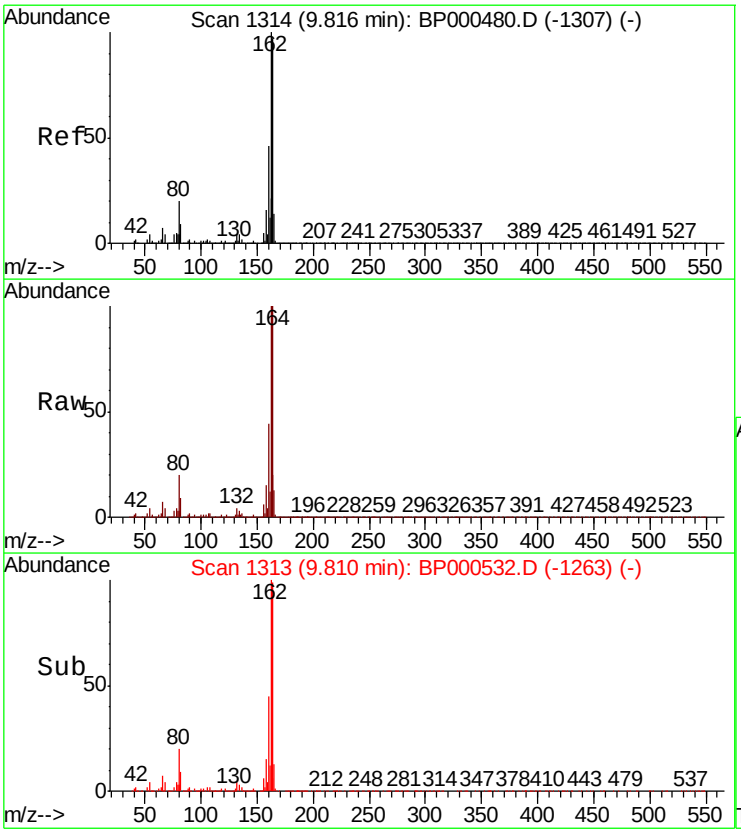
#25
Isophorone
Concen: 46.795 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.26 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1241238

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

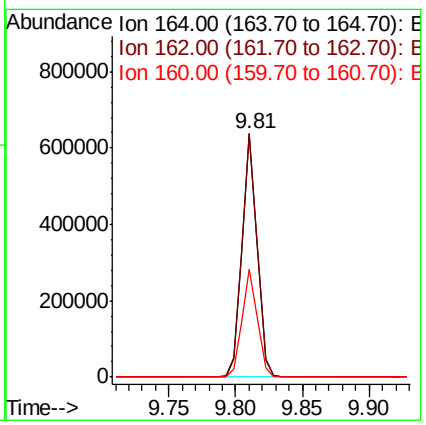


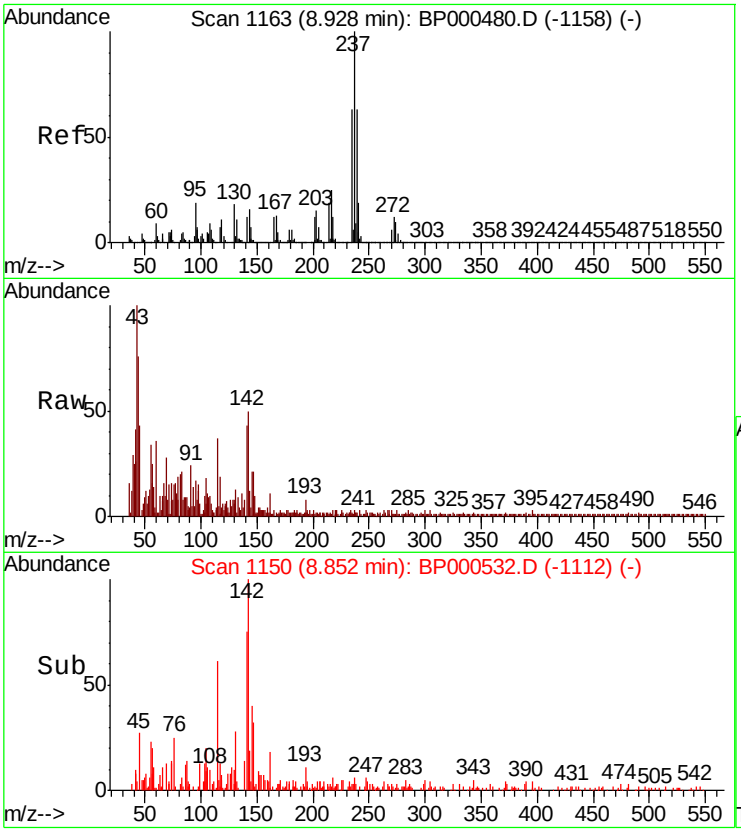


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion:164 Resp: 502823

Ion	Ratio	Lower	Upper
164	100		
162	99.5	82.2	123.2
160	44.4	37.6	56.4



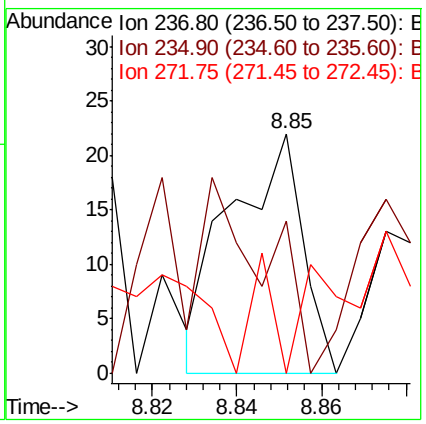


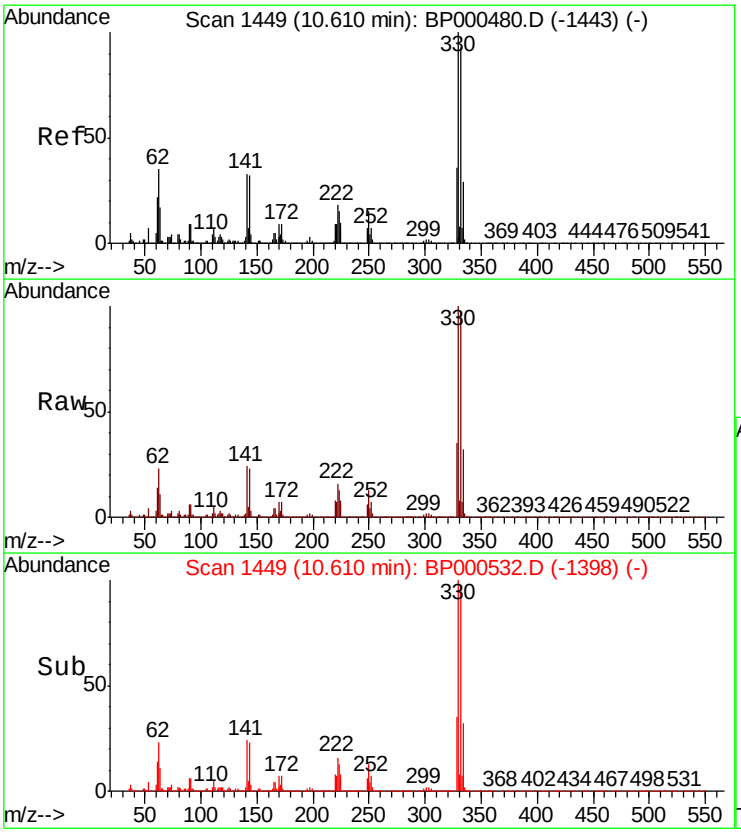
#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.08 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:237 Resp: 26

Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.9	82.9
272	0.0	0.0	32.4

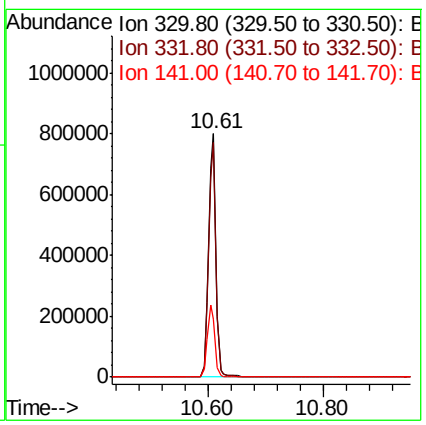


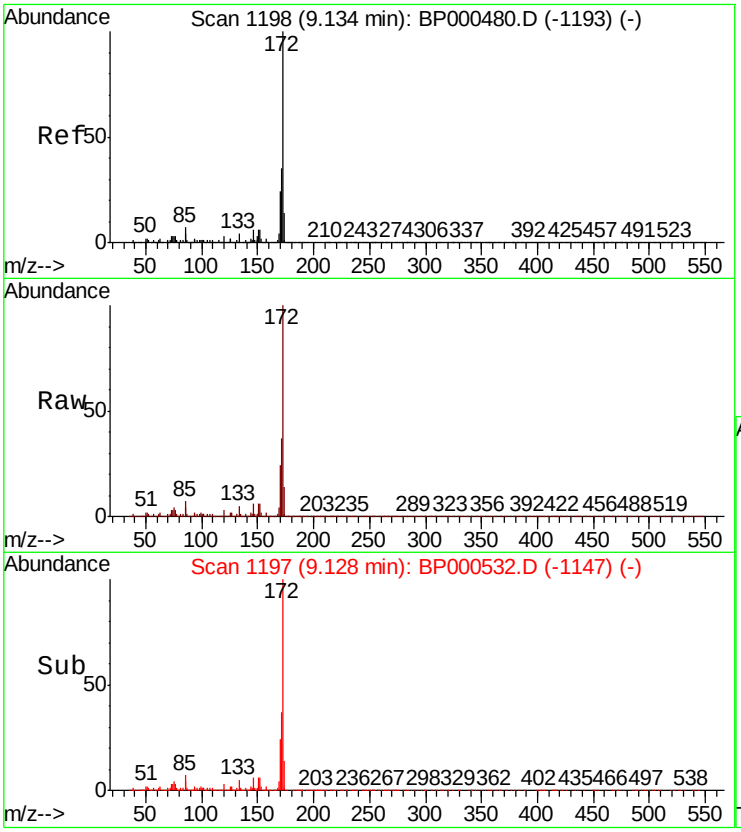


#42
2,4,6-Tribromophenol
Concen: 135.166 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion:330 Resp: 724245

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	30.5	26.0	39.0



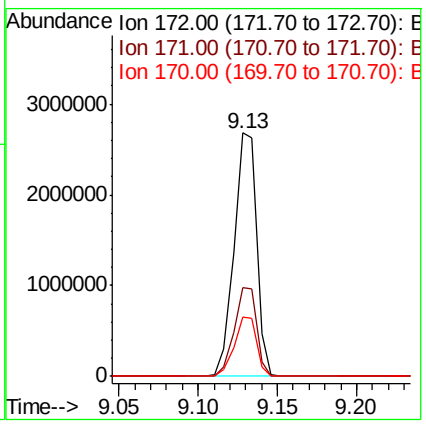


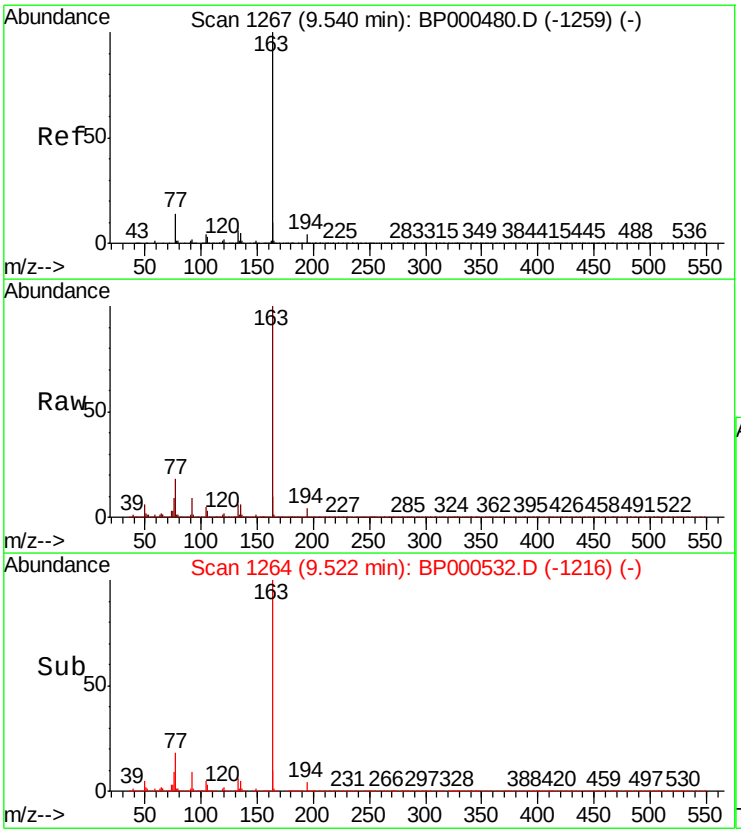
#45
2-Fluorobiphenyl
Concen: 85.359 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 2652706

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.4	42.6
170	24.3	19.1	28.7

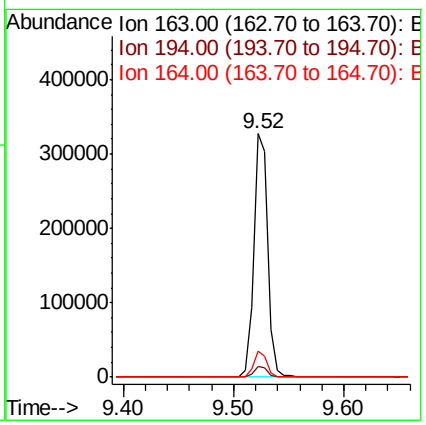


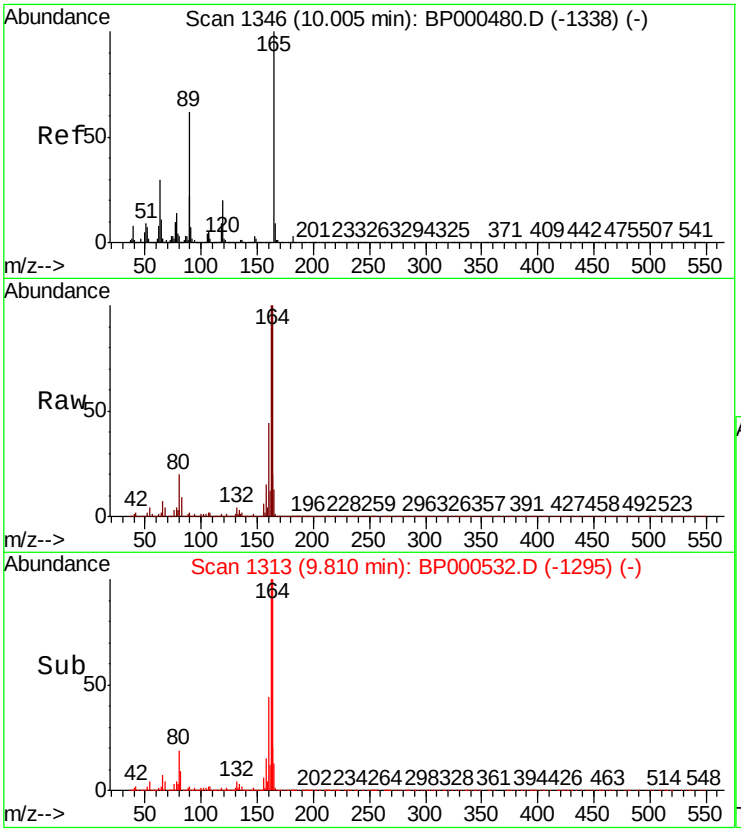


#50
Dimethylphthalate
Concen: 8.231 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion:163 Resp: 287585

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	8.0	12.0



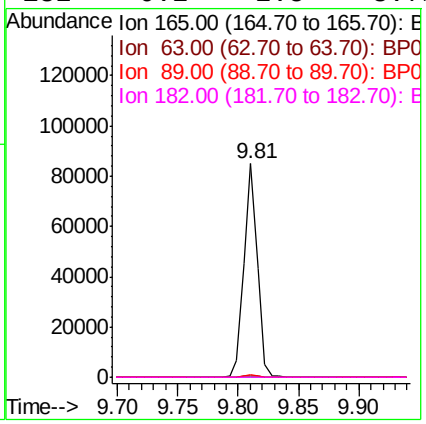


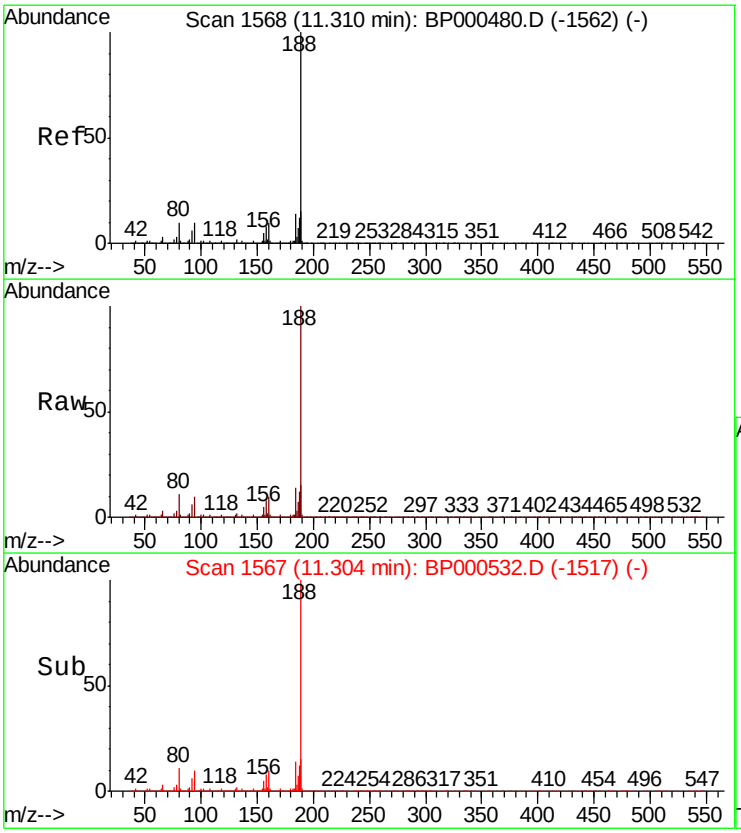
#57
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 66189

Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.2	49.4	74.0#
182	0.2	2.5	3.7#

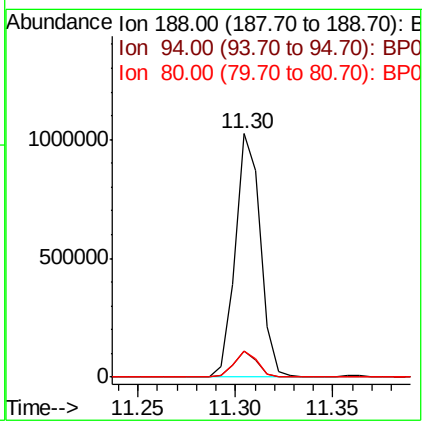


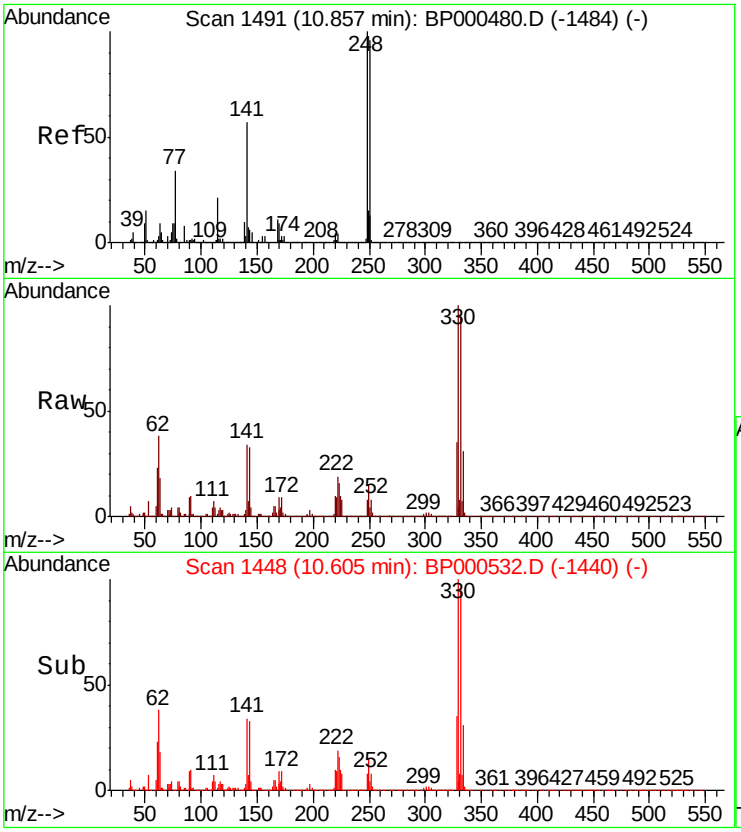


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion:188 Resp: 910461

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	10.6	8.3	12.5



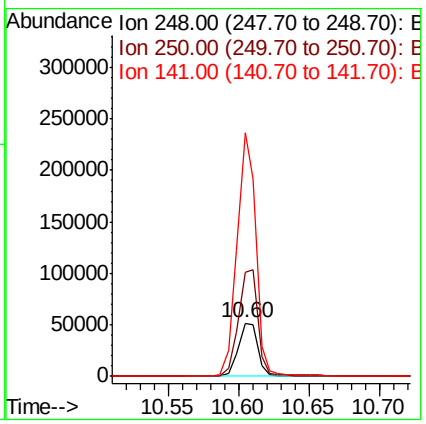


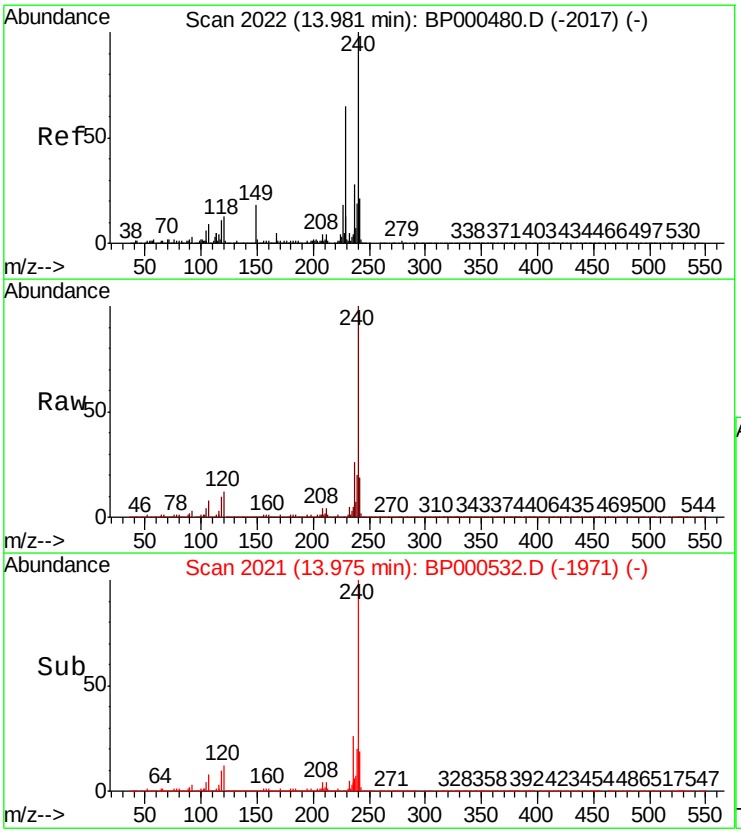
#67
4-Bromophenyl-phenylether
Concen: 4.847 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:248 Resp: 49671

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.2	115.8#
141	455.8	45.3	67.9#

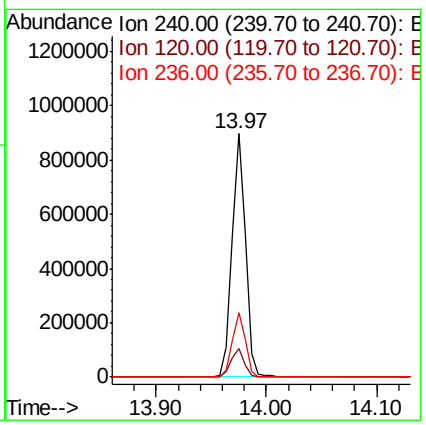


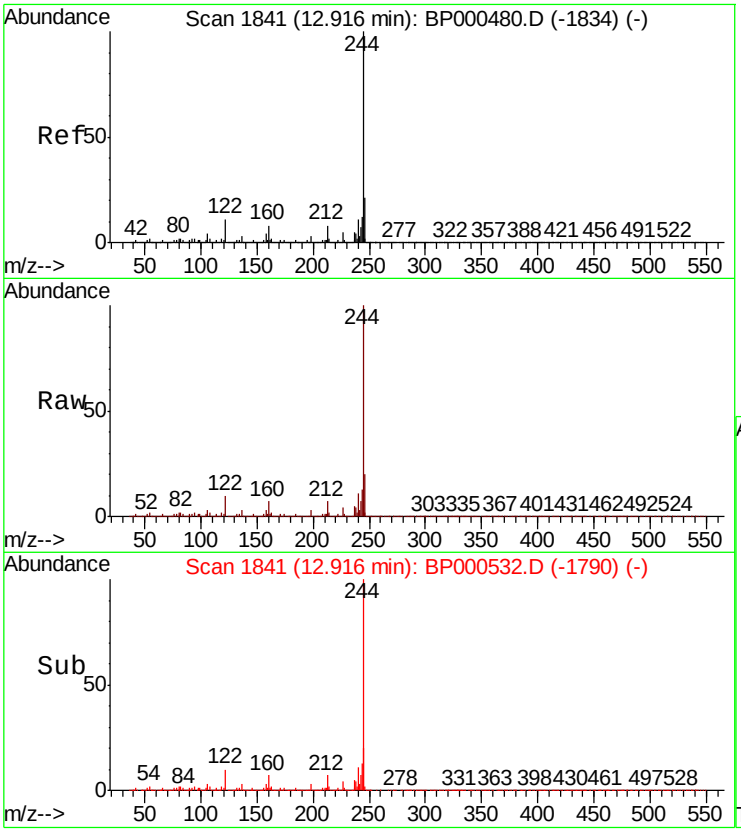


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion:240 Resp: 775940

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



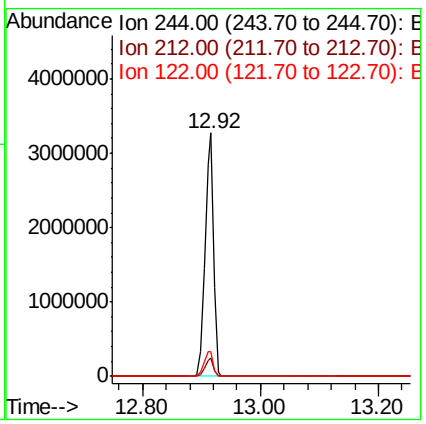


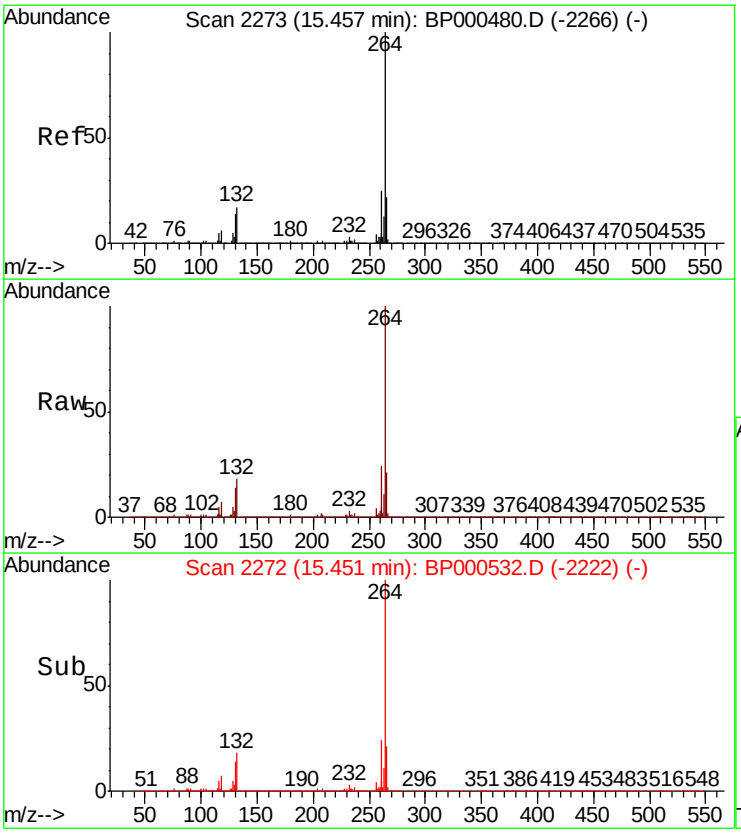
#79
Terphenyl-d14
Concen: 85.318 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 3269673

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.2	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000532.D
Acq: 05 Oct 2019 01:13

Tgt Ion:264 Resp: 853258

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.3	30.5
265	21.5	18.0	27.0