Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000898.D
Acq On : 19 Oct 2019 00:17
Operator : JU
Sample : K5241-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CONCRETE-PILE

Quant Time: Oct 19 02:23:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	149298	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	541031	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	296543	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	539873	20.00	ng		0.00
76) Chrysene-d12	13.96	240	466159	20.00	ng		0.00
87) Perylene-d12	15.43	264	552341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	664450	71.54	ng		0.00
7) Phenol-d6	6.39	99	1011854	90.41	ng		0.00
23) Nitrobenzene-d5	7.30	82	596982	67.39	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	138342	43.78	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1420140	77.49	ng		0.00
79) Terphenyl-d14	12.89	244	1679456	72.95	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.40	94	23222	2.026	ng		77
19) n-Nitroso-di-n-propylamine	7.30	70	76307	14.791	ng	#	72
25) Isophorone	7.30	82	596450	37.938	ng	#	61
41) Hexachlorocyclopentadiene	8.95	237	11	7.300	ng		78
50) Dimethylphthalate	9.50	163	203189	9.861	ng		99
57) 2,4-Dinitrotoluene	9.79	165	38356	6.438	ng	#	31

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

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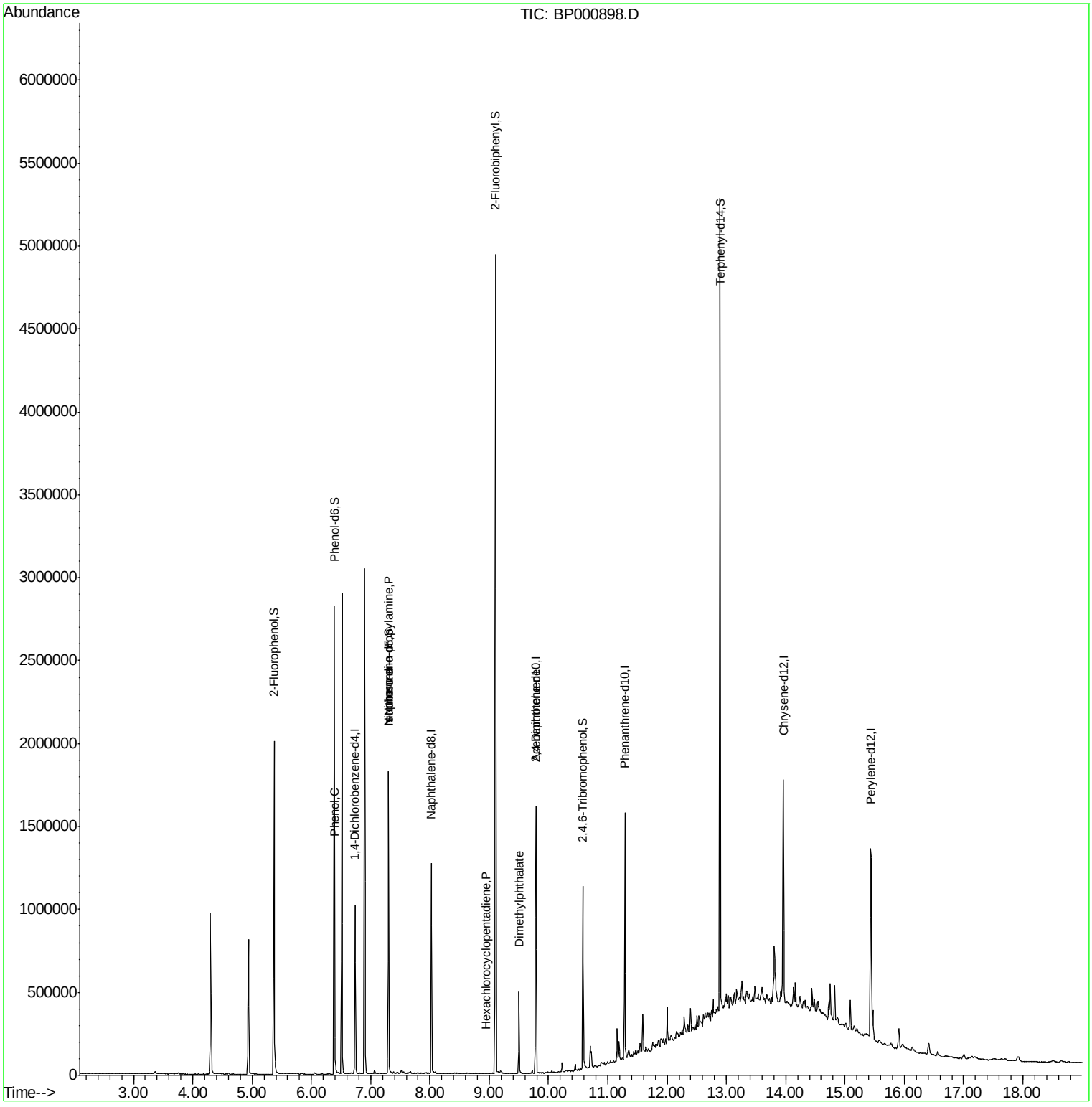
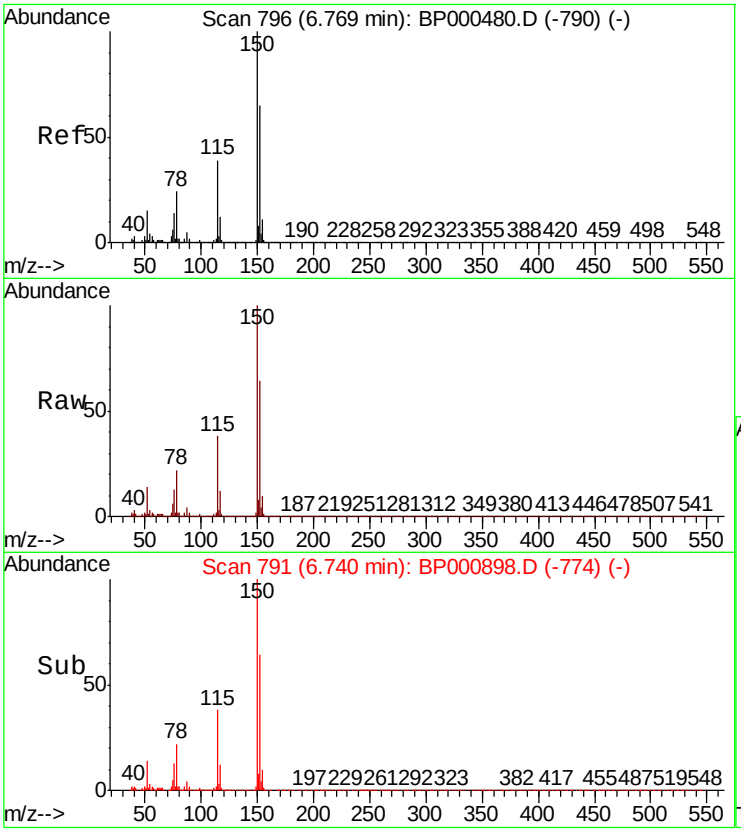


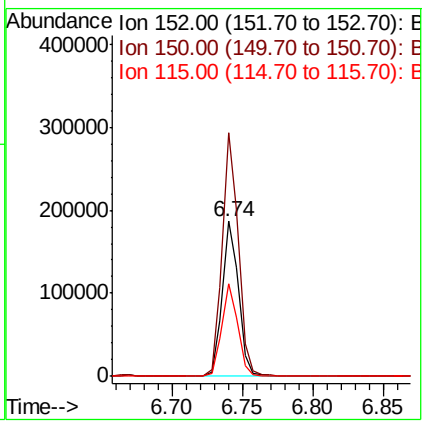


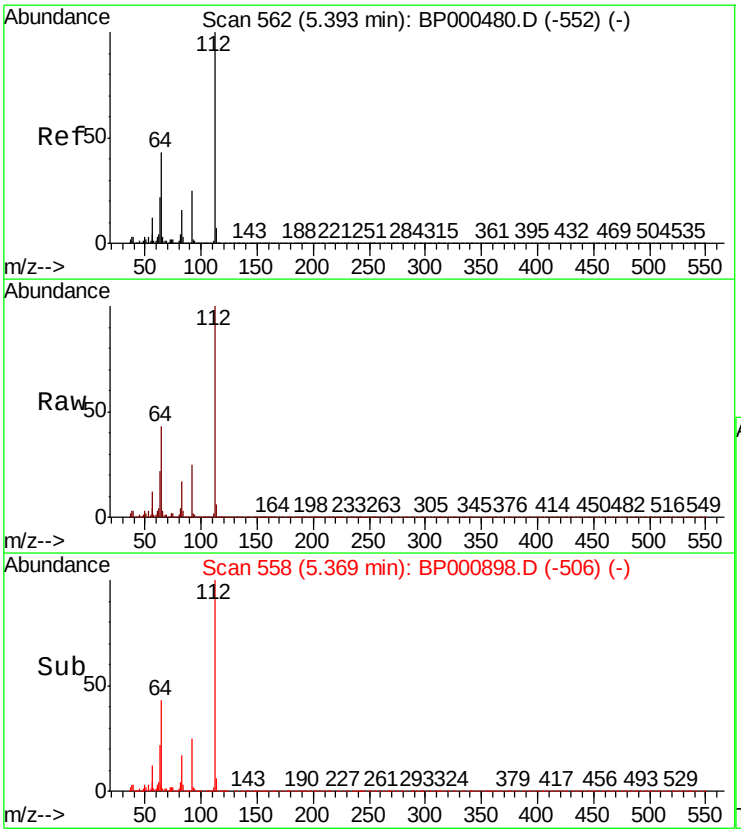
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion:152 Resp: 149298

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.8
115	60.0	46.8	70.2

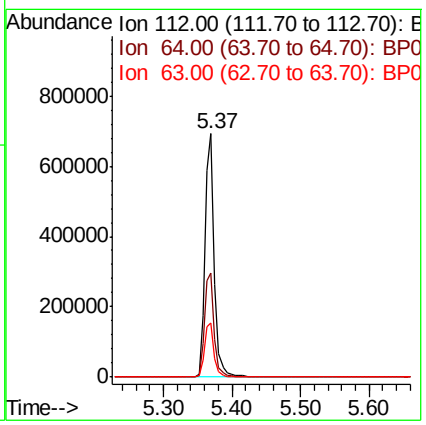


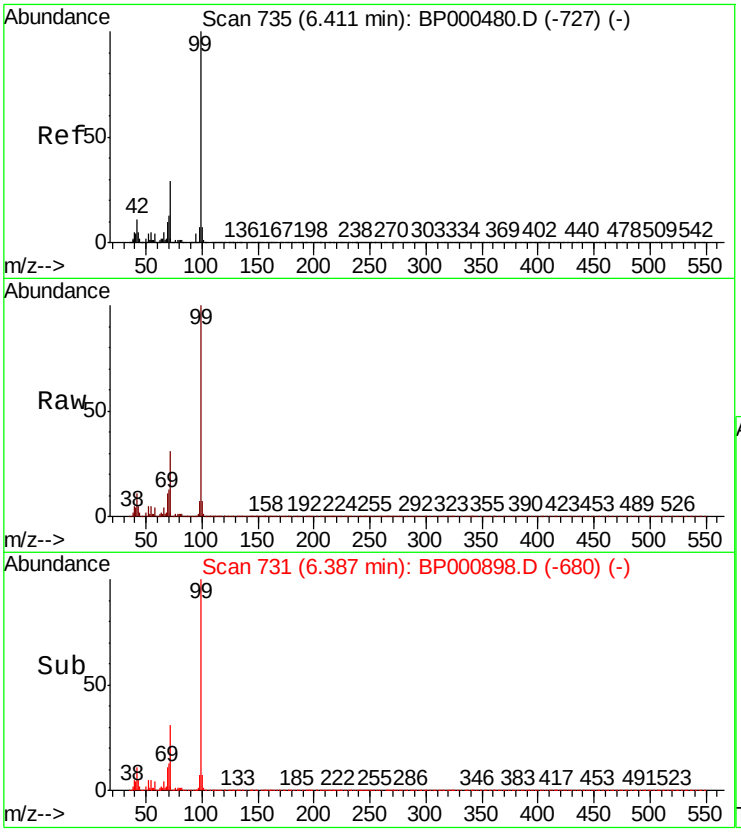


#5
2-Fluorophenol
Concen: 71.539 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.01 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion:112 Resp: 664450

Ion	Ratio	Lower	Upper
112	100		
64	42.8	33.9	50.9
63	22.4	17.4	26.0



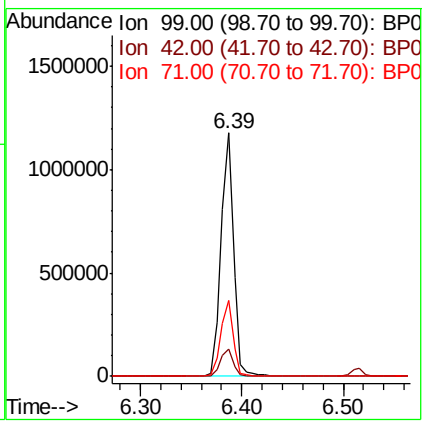


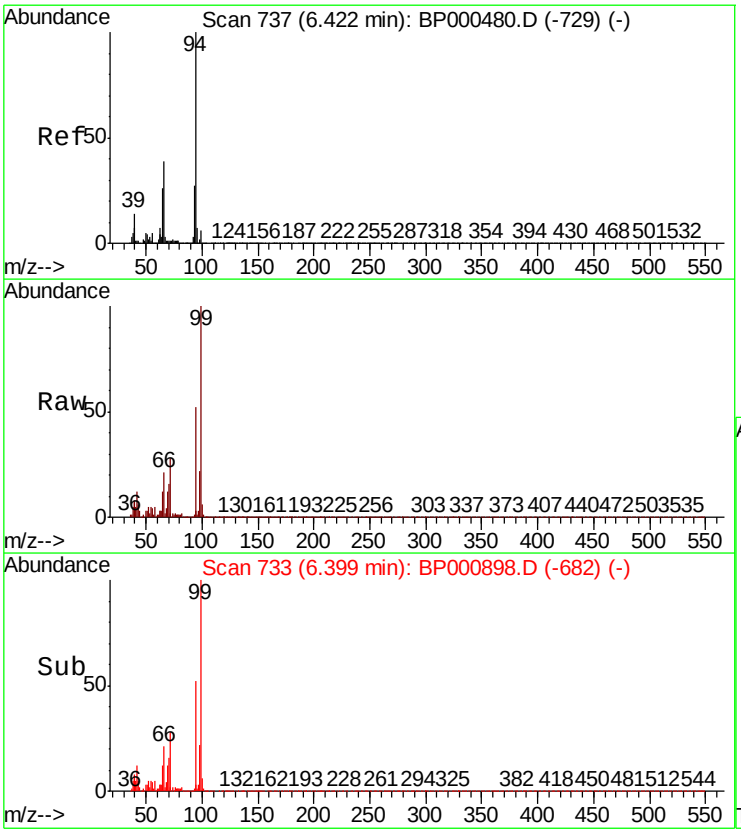
#7
Phenol-d6
Concen: 90.406 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion: 99 Resp: 1011854

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.7	13.1
71	31.1	24.1	36.1

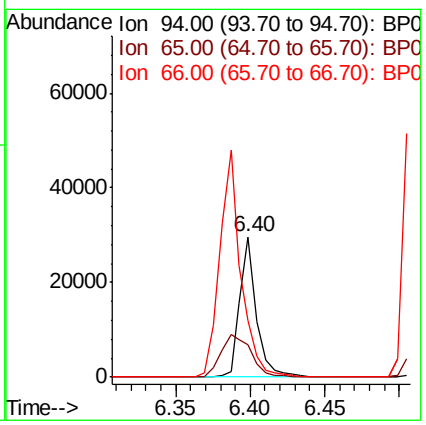


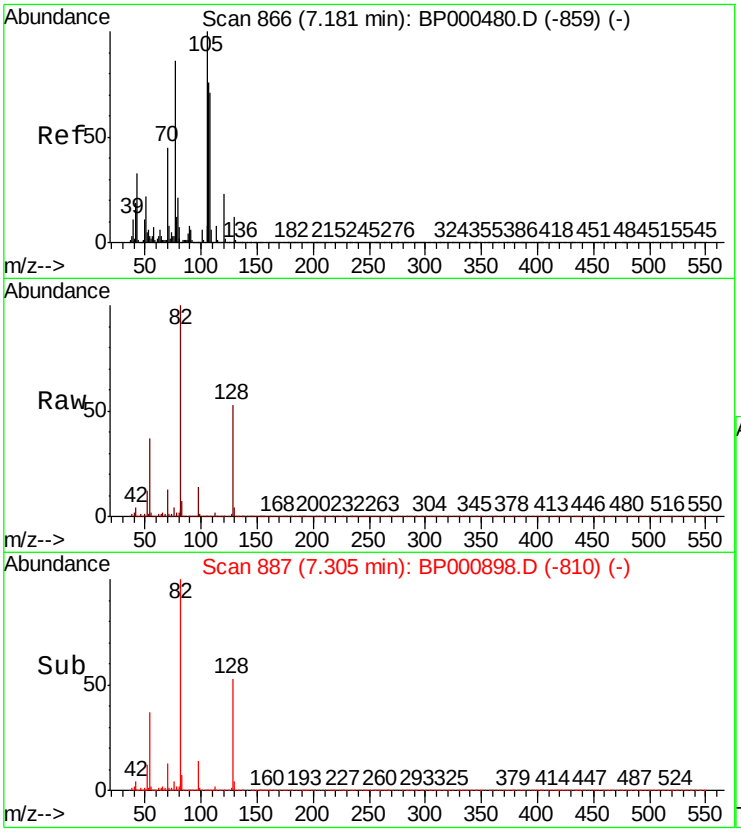


#10
Phenol
Concen: 2.026 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion: 94 Resp: 23222

Ion	Ratio	Lower	Upper
94	100		
65	23.0	14.6	54.6
66	40.1	39.2	79.2



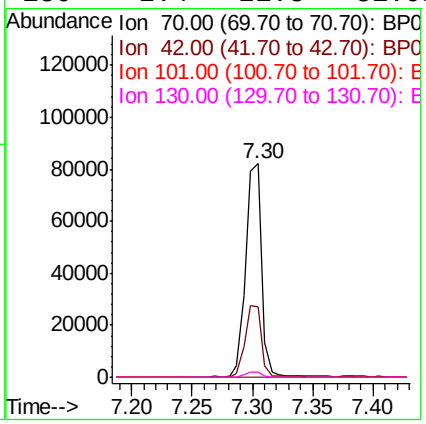


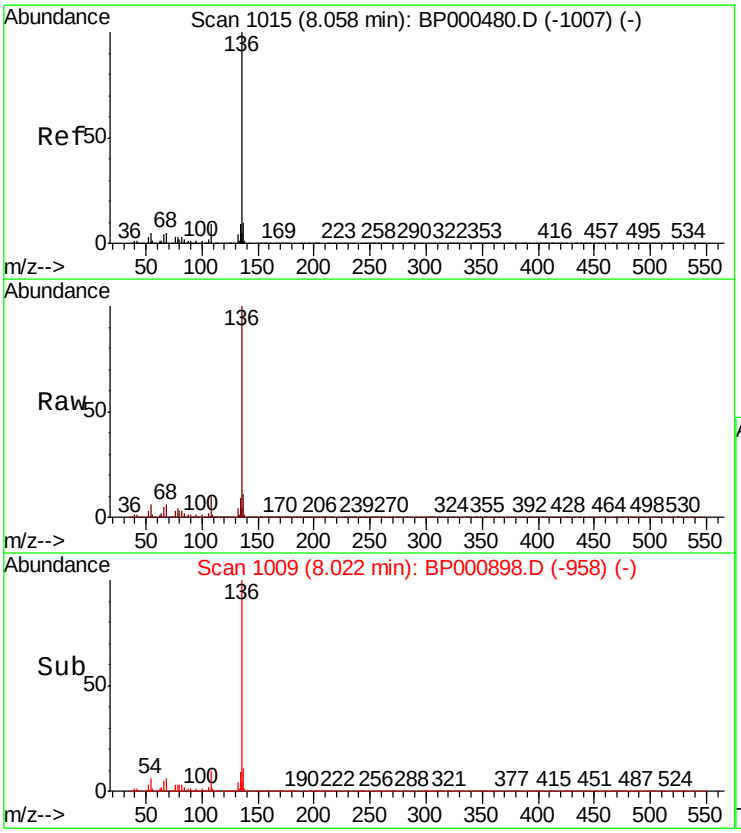
#19
n-Nitroso-di-n-propylamine
Concen: 14.791 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.15 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion: 70 Resp: 76307

Ion	Ratio	Lower	Upper
70	100		
42	33.2	34.0	51.0#
101	0.0	9.5	14.3#
130	2.4	21.3	31.9#

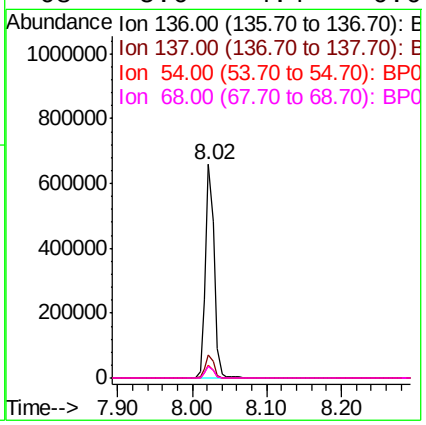


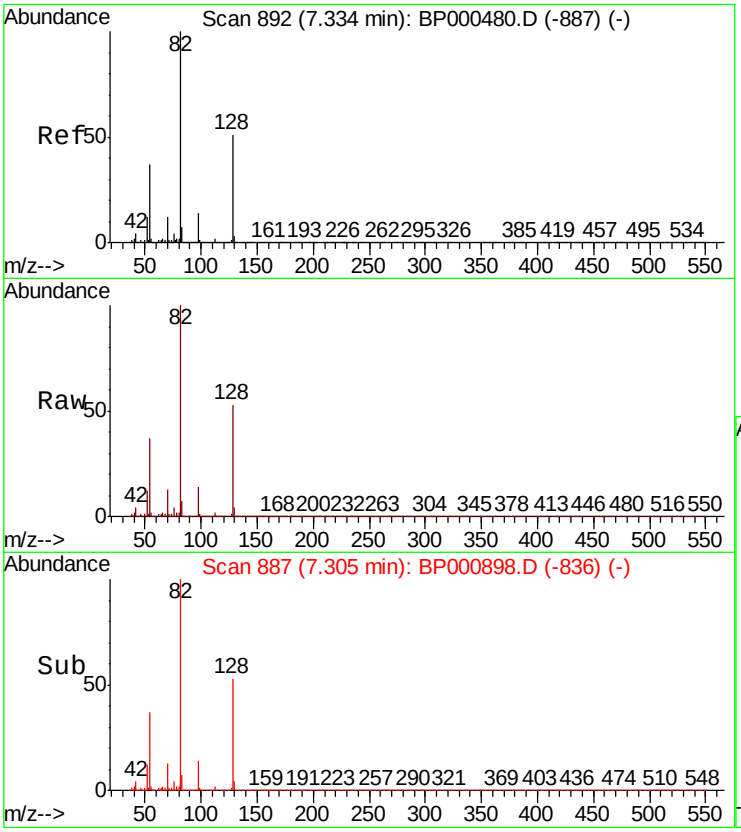


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion:136 Resp: 541031

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.8	4.6	6.8
68	5.6	4.4	6.6



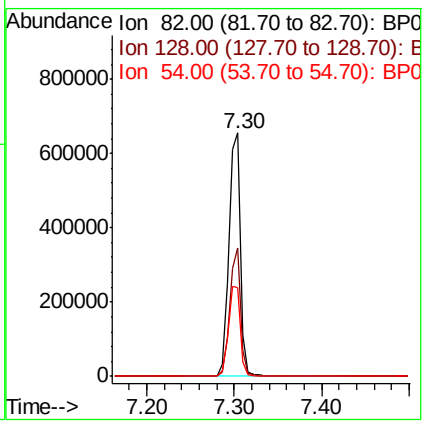


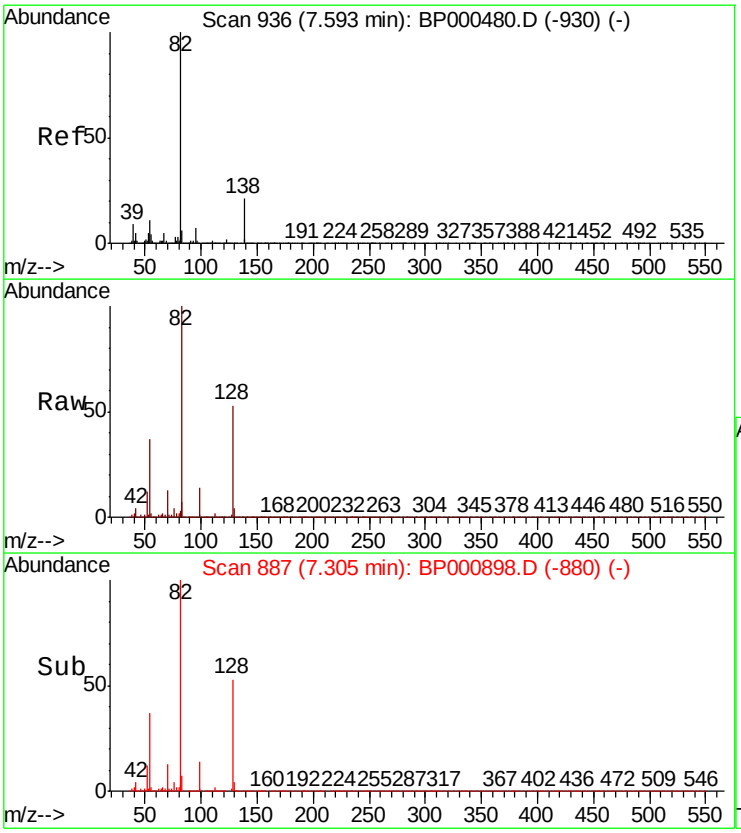
#23
Nitrobenzene-d5
Concen: 67.391 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion: 82 Resp: 596982

Ion	Ratio	Lower	Upper
82	100		
128	52.6	41.2	61.8
54	36.7	30.6	45.8

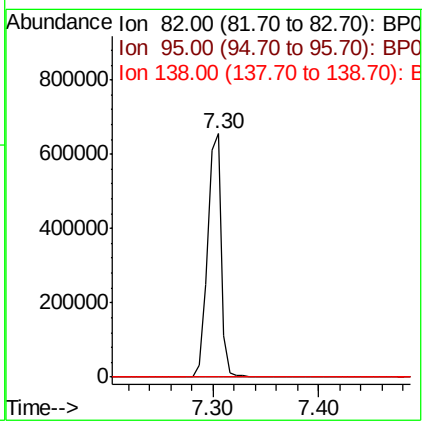


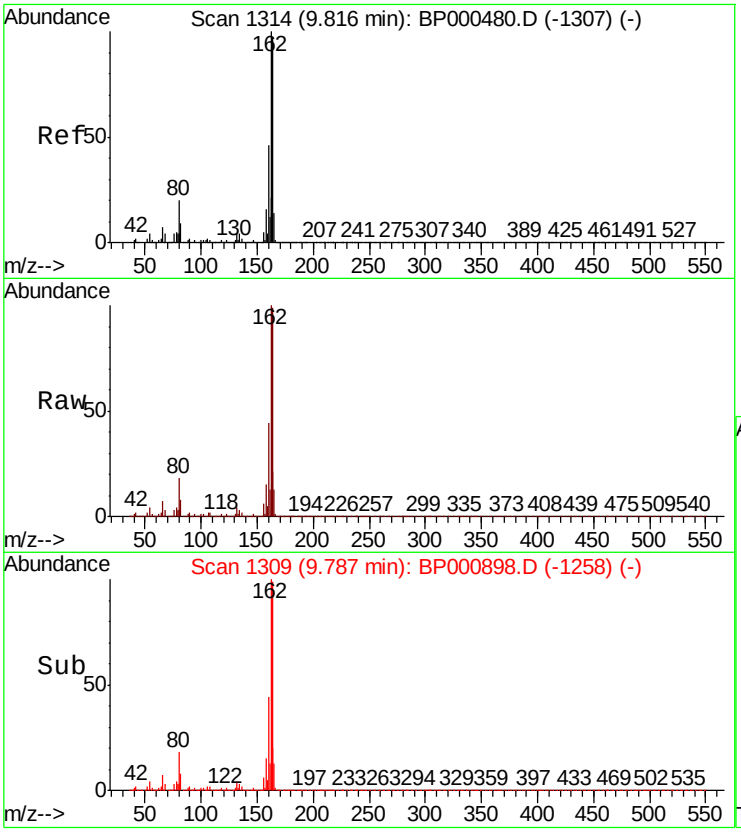


#25
Isophorone
Concen: 37.938 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion: 82 Resp: 596450

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.2	9.4#
138	0.0	17.0	25.4#



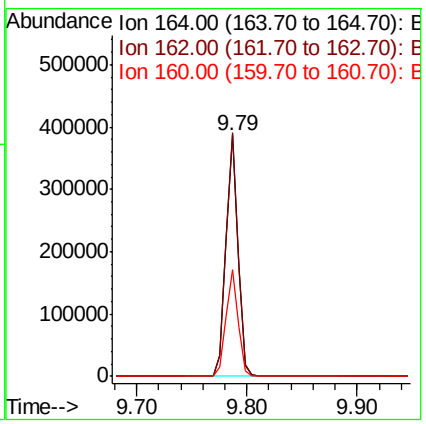


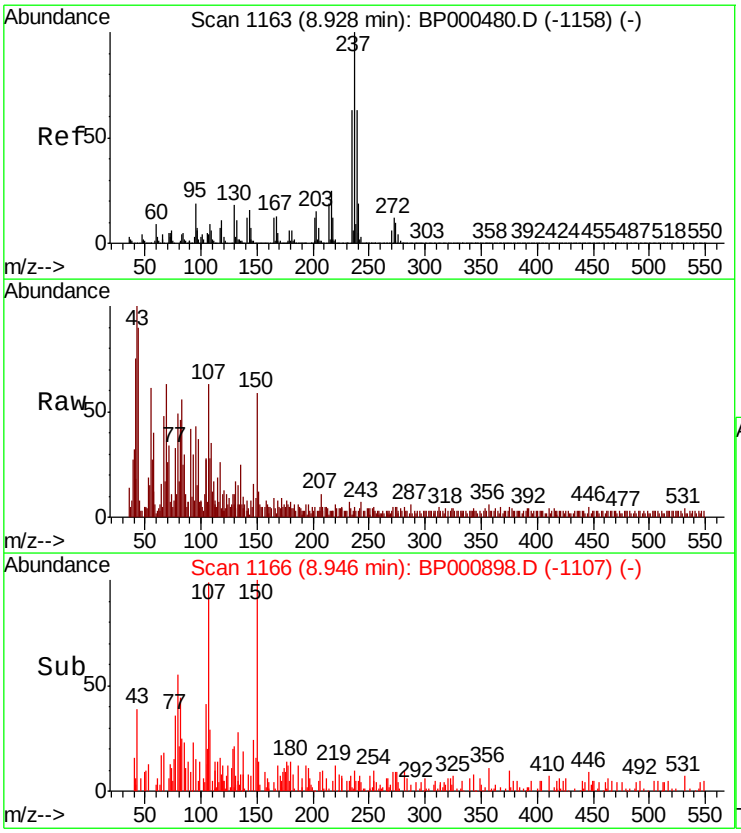
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion:164 Resp: 296543

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.6	121.0
160	44.3	35.4	53.2

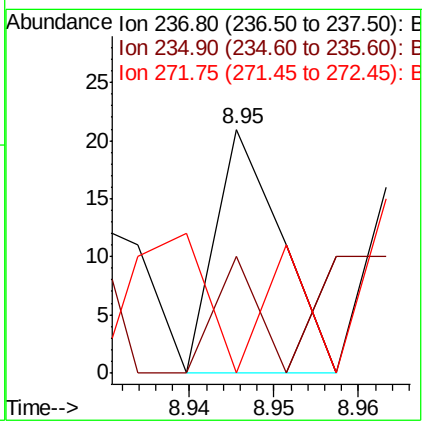


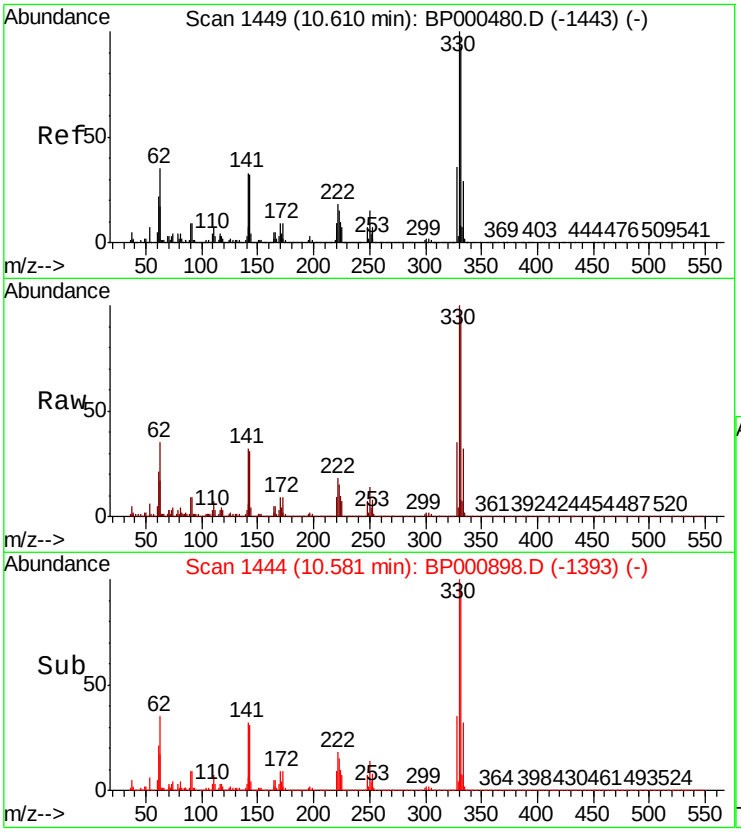


#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.05 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion:237 Resp: 11

Ion	Ratio	Lower	Upper
237	100		
235	47.6	42.3	82.3
272	0.0	0.0	33.6



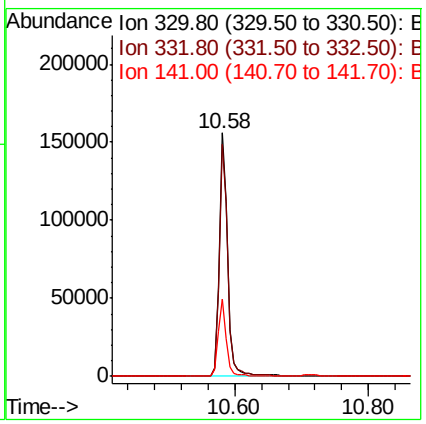


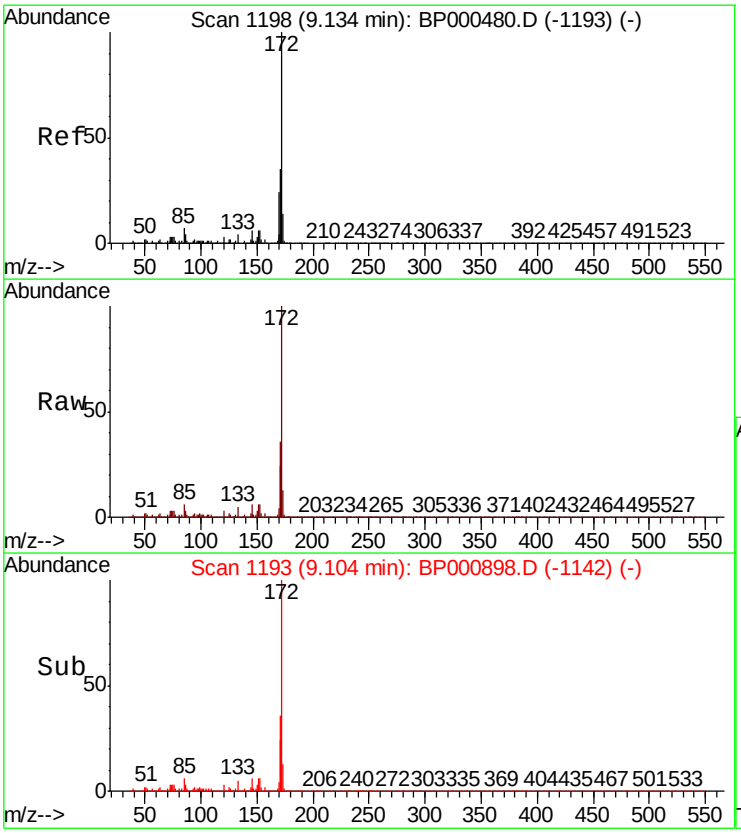
#42
2,4,6-Tribromophenol
Concen: 43.779 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion:330 Resp: 138342

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	30.4	23.7	35.5

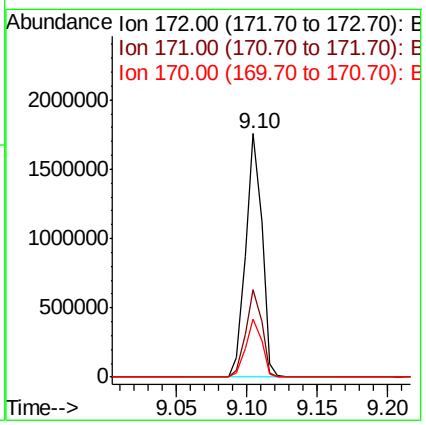


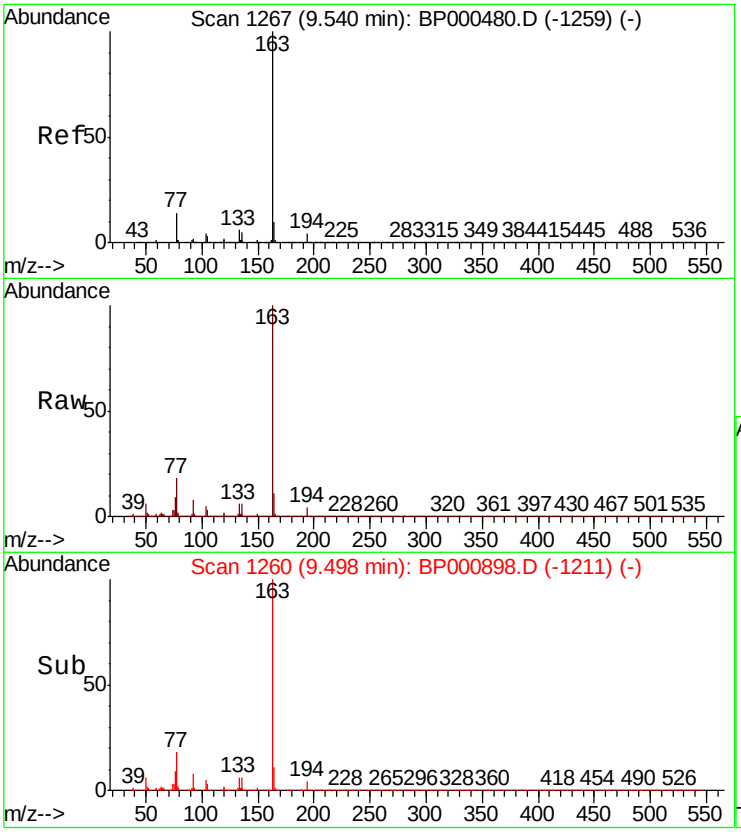


#45
2-Fluorobiphenyl
Concen: 77.486 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion:172 Resp: 1420140

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	23.9	19.3	28.9



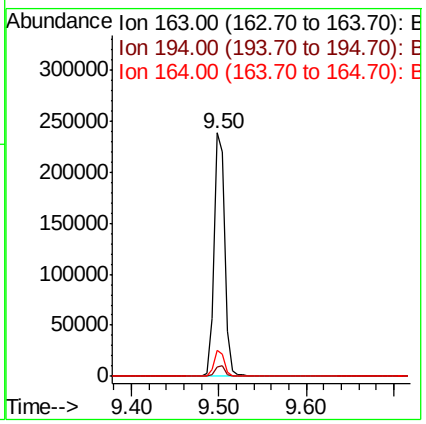


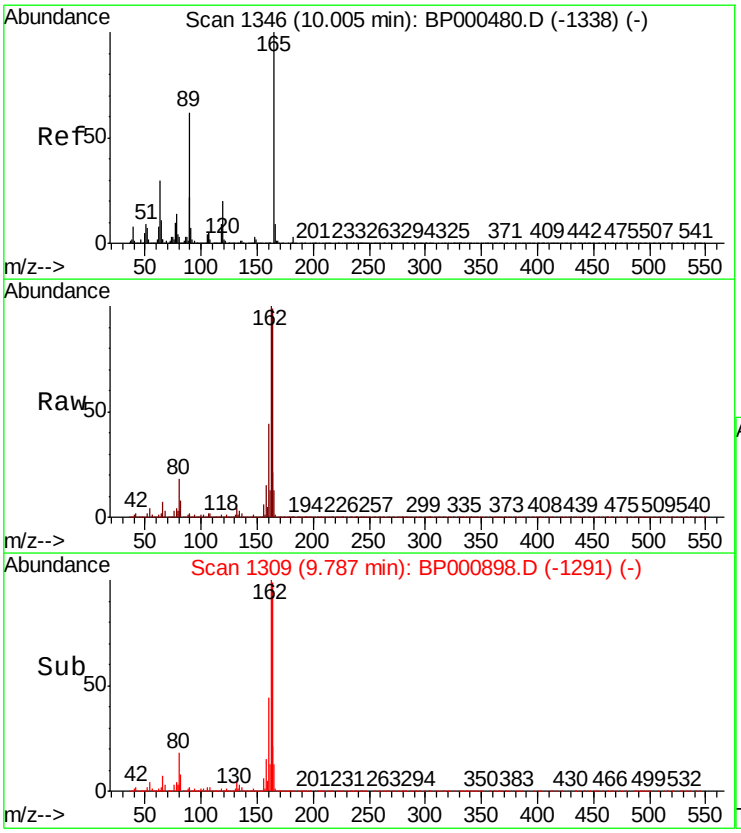
#50
Dimethylphthalate
Concen: 9.861 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion:163 Resp: 203189

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.8	8.3	12.5

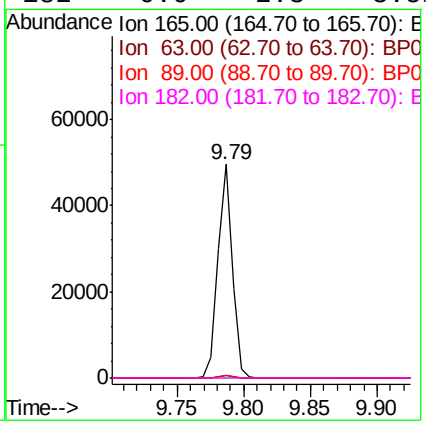


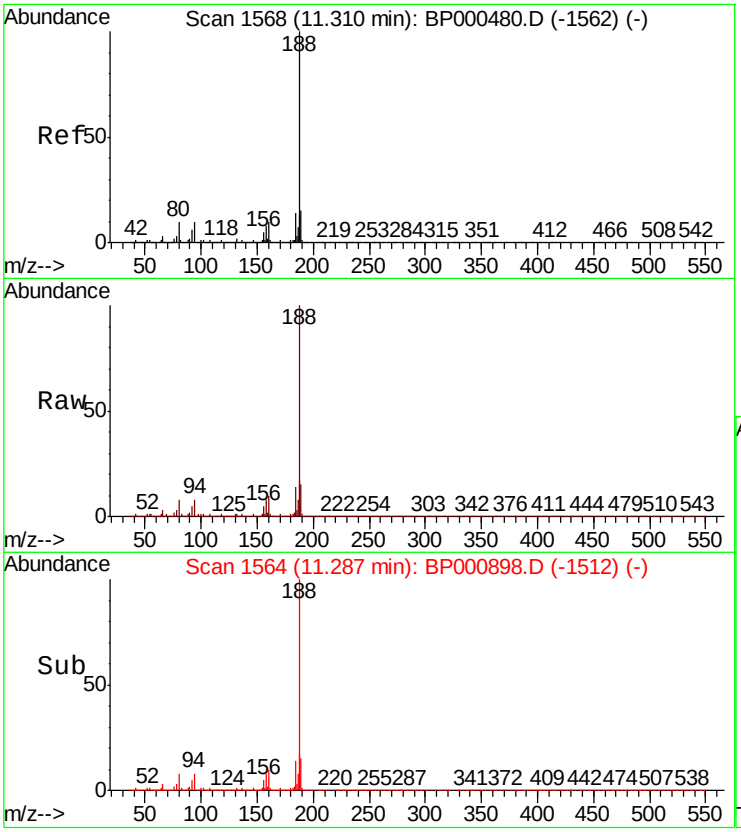


#57
2,4-Dinitrotoluene
Concen: 6.438 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion:165 Resp: 38356

Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.2#
89	1.1	49.2	73.8#
182	0.0	2.3	3.5#



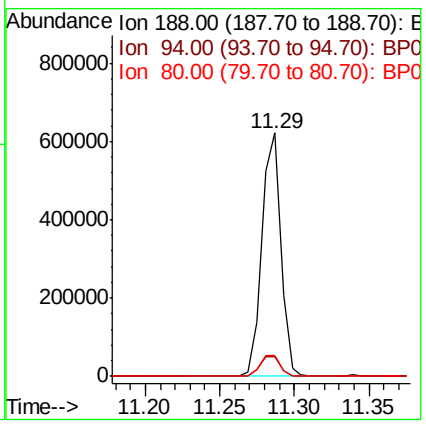


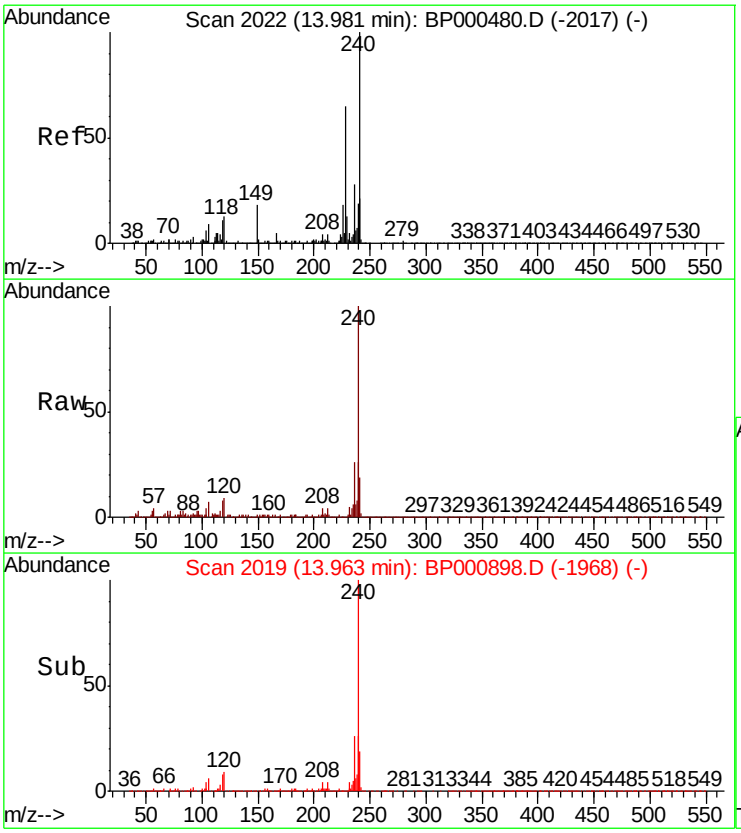
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion:188 Resp: 539873

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.0	12.0
80	8.4	8.2	12.4

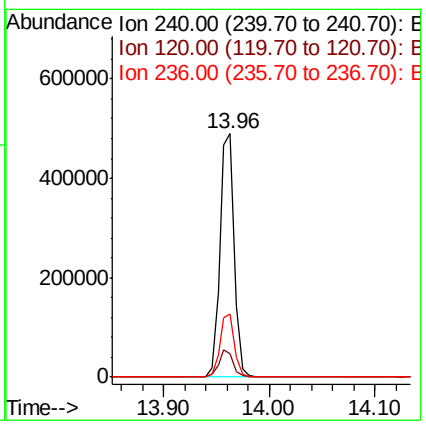


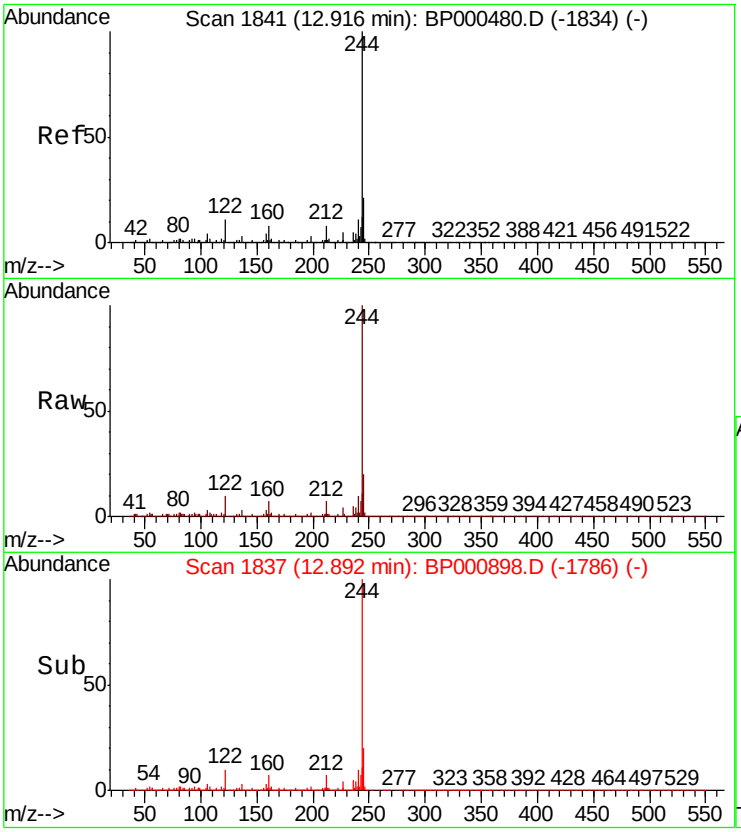


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion:240 Resp: 466159

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.3	10.9
236	26.0	21.2	31.8



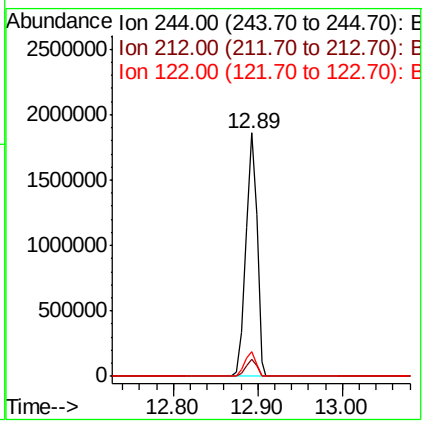


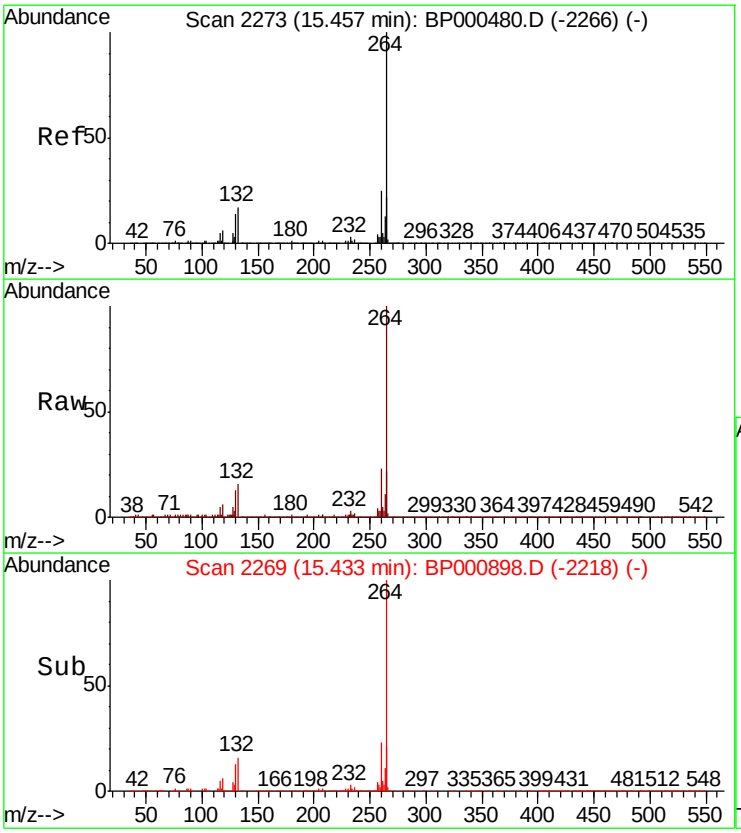
#79
Terphenyl-d14
Concen: 72.946 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Instrument :
BNA_P
ClientSampleId :
CONCRETE-PILE

Tgt Ion:244 Resp: 1679456

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.0	7.1	10.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BP000898.D
Acq: 19 Oct 2019 00:17

Tgt Ion:264 Resp: 552341

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.5	17.4	26.0