Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000510.D
Acq On : 04 Oct 2019 16:24
Operator : JU
Sample : PB123656BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Oct 04 23:38:57 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	6.76	152	183561	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	722645	20.00	ng		-0.01
39) Acenaphthene-d10	9.81	164	405282	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	518721	20.00	ng		0.00
76) Chrysene-d12	13.97	240	522613	20.00	ng		0.00
87) Perylene-d12	15.46	264	602109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1312198	114.91	ng		0.00
7) Phenol-d6	6.40	99	1570067	114.10	ng		0.00
23) Nitrobenzene-d5	7.32	82	927333	78.37	ng		-0.01
42) 2,4,6-Tribromophenol	10.60	330	419624	97.16	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2037767	81.35	ng		0.00
79) Terphenyl-d14	12.92	244	2025852	78.49	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	26420	3.686	ng		83
19) n-Nitroso-di-n-propylamine	7.32	70	115097	18.146	ng	#	74
25) Isophorone	7.32	82	927212	44.154	ng	#	61
41) Hexachlorocyclopentadiene	8.93	237	5	7.298	ng		79
51) 2,6-Dinitrotoluene	9.81	165	52674	8.577	ng	#	35
57) 2,4-Dinitrotoluene	9.81	165	52683	6.470	ng	#	31
67) 4-Bromophenyl-phenylether	10.60	248	27750	4.752	ng	#	1

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

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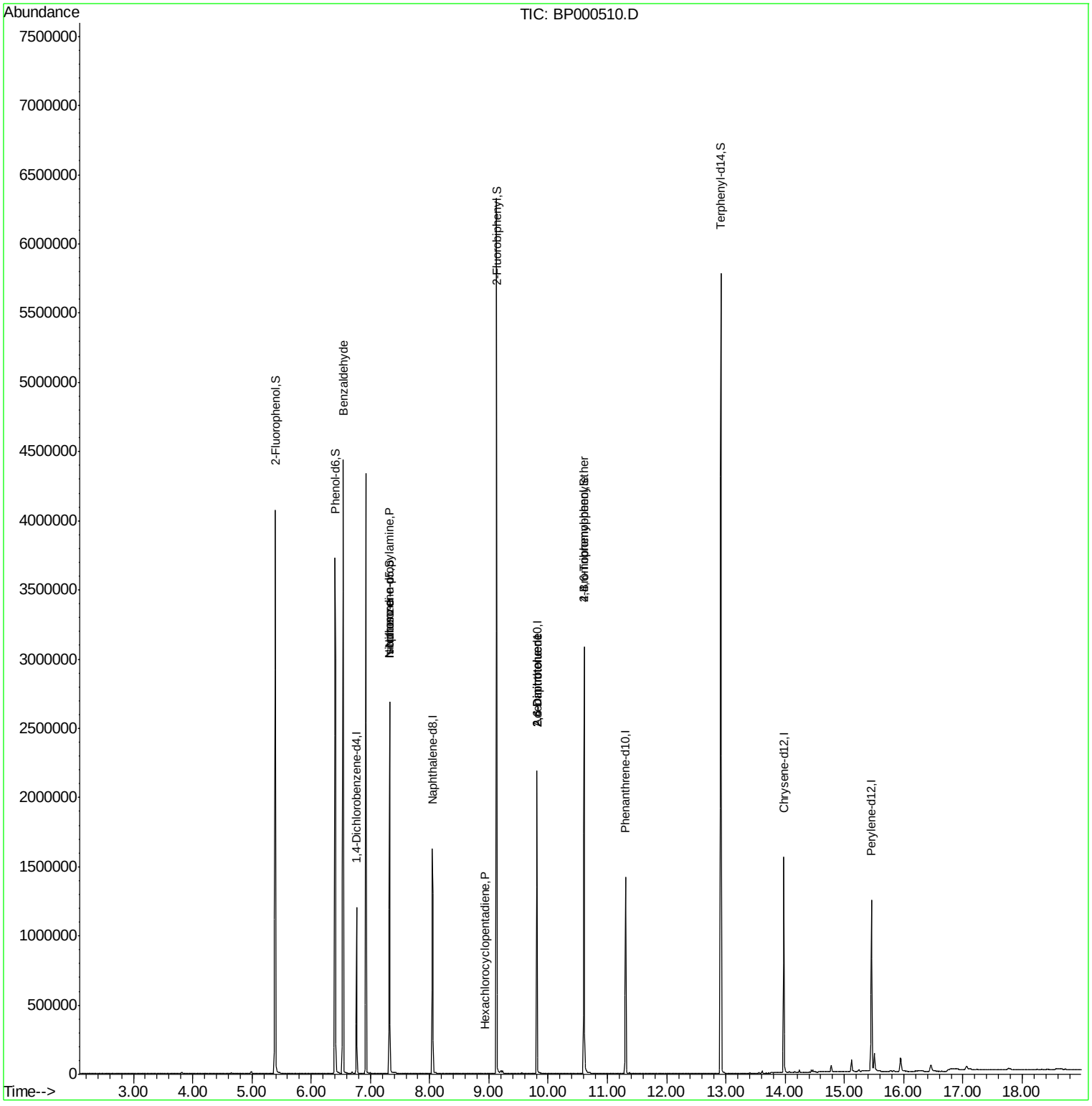
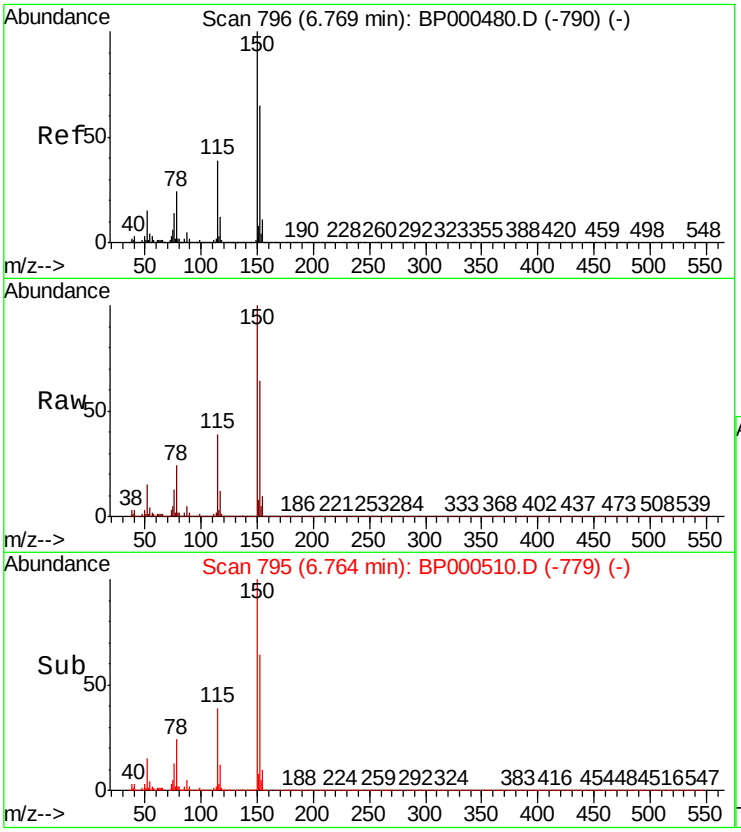


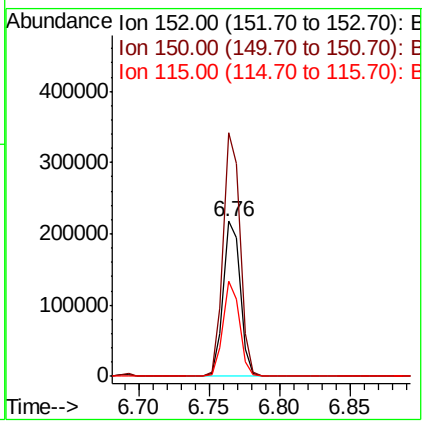


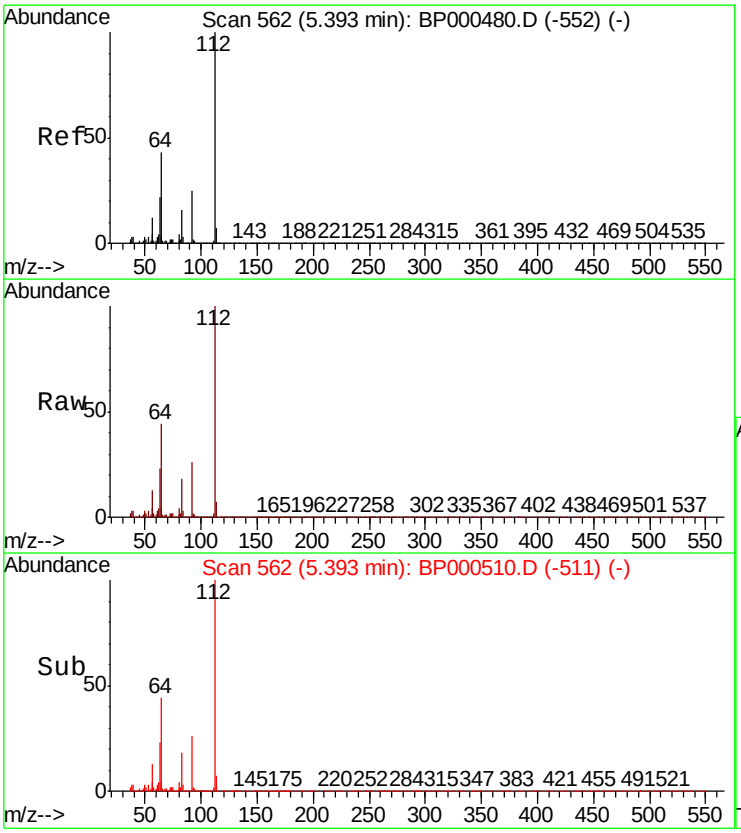
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 183561

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.1	186.1
115	61.8	48.7	73.1

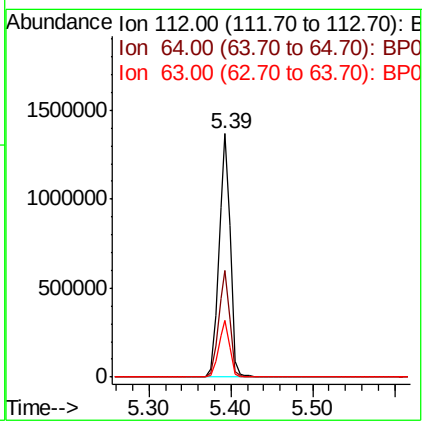


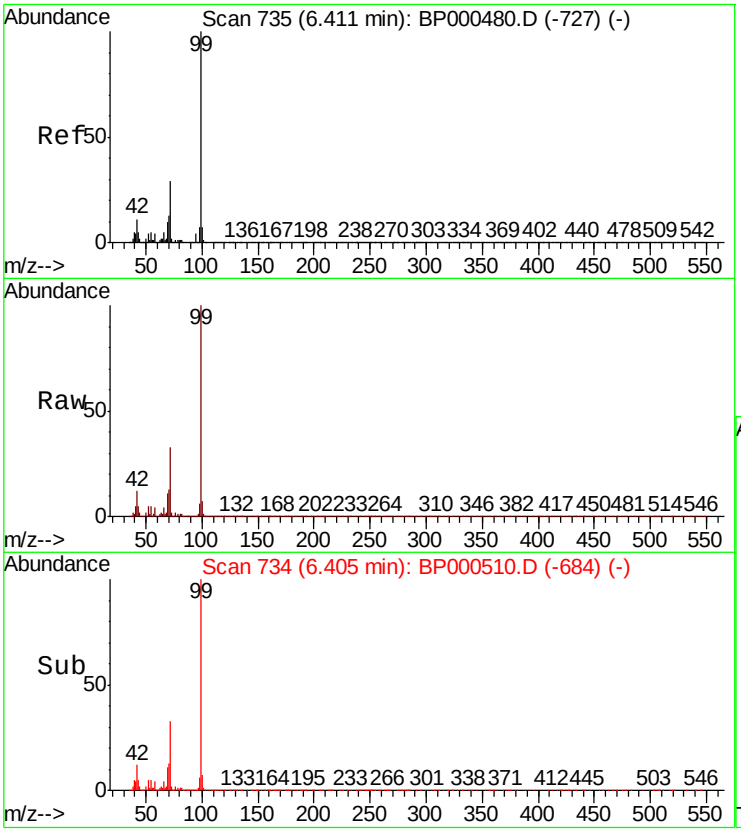


#5
2-Fluorophenol
Concen: 114.909 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:112 Resp: 1312198

Ion	Ratio	Lower	Upper
112	100		
64	43.7	34.2	51.4
63	23.2	17.9	26.9



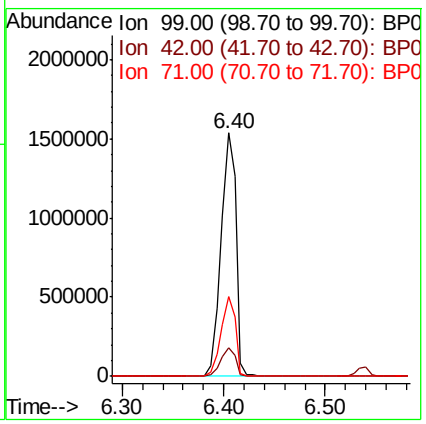


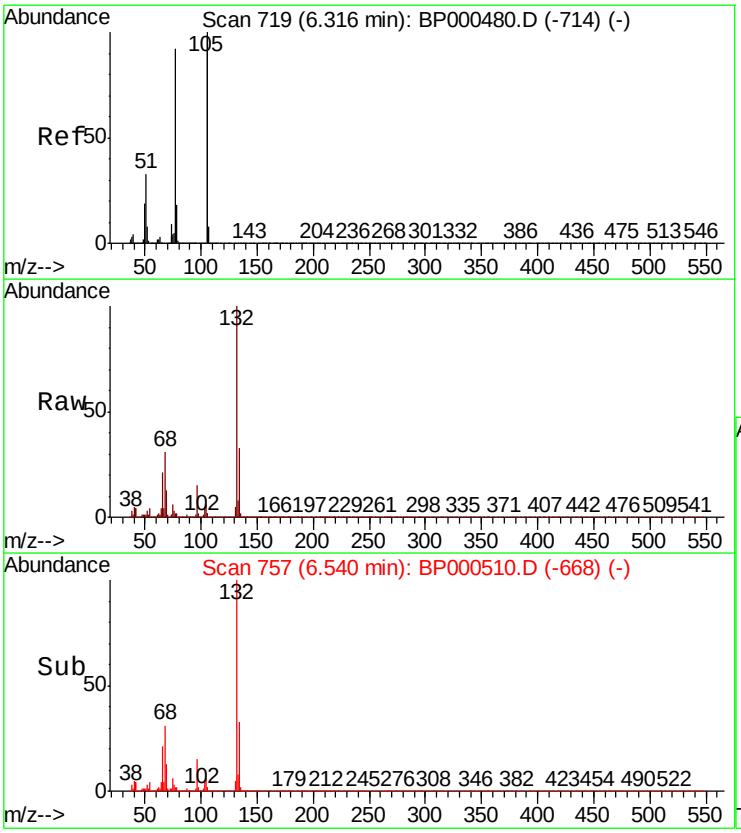
#7
Phenol-d6
Concen: 114.096 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1570067

Ion	Ratio	Lower	Upper
99	100		
42	11.7	8.6	12.8
71	32.6	23.0	34.4

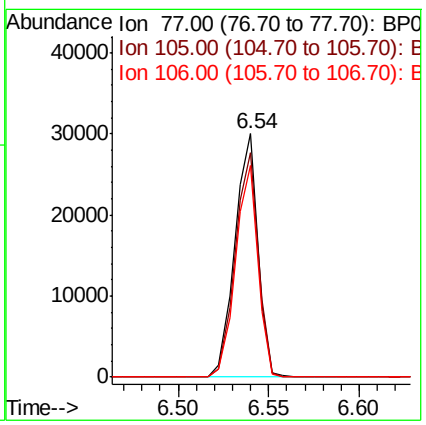


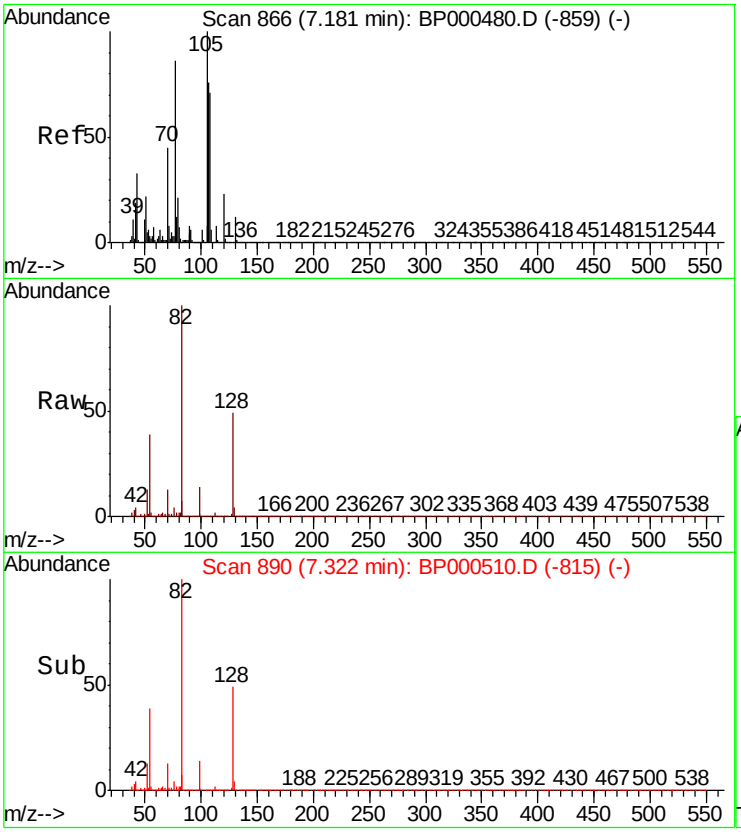


#9
Benzaldehyde
Concen: 3.686 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.22 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion: 77 Resp: 26420

Ion	Ratio	Lower	Upper
77	100		
105	92.3	88.3	128.3
106	86.8	85.7	125.7



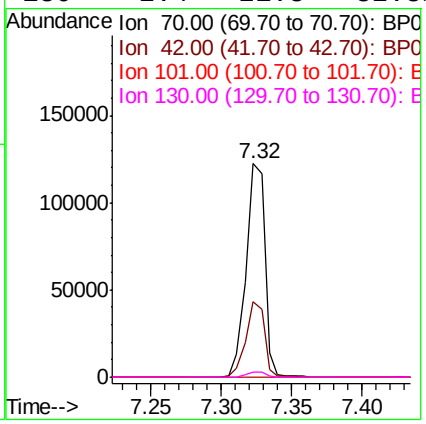


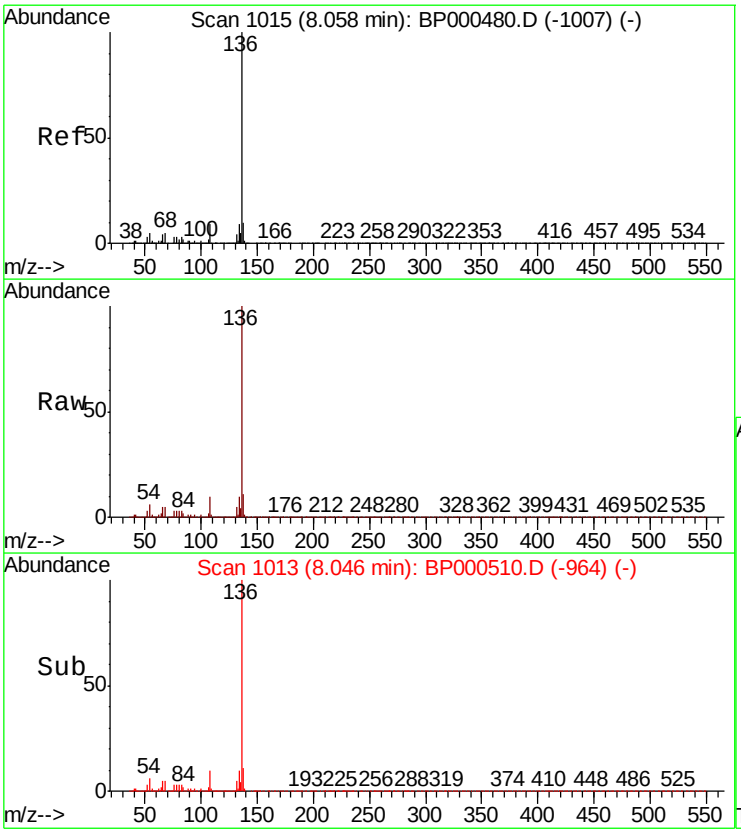
#19
n-Nitroso-di-n-propylamine
Concen: 18.146 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 115097

Ion	Ratio	Lower	Upper
70	100		
42	35.4	33.2	49.8
101	0.0	9.9	14.9#
130	2.4	21.8	32.8#

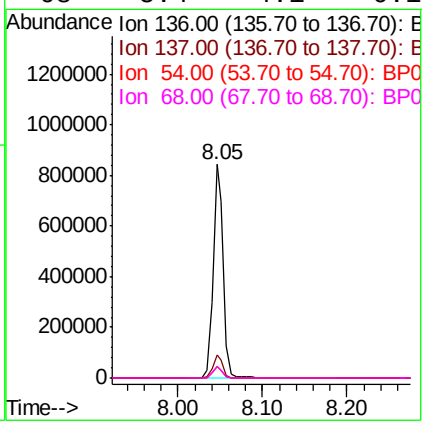


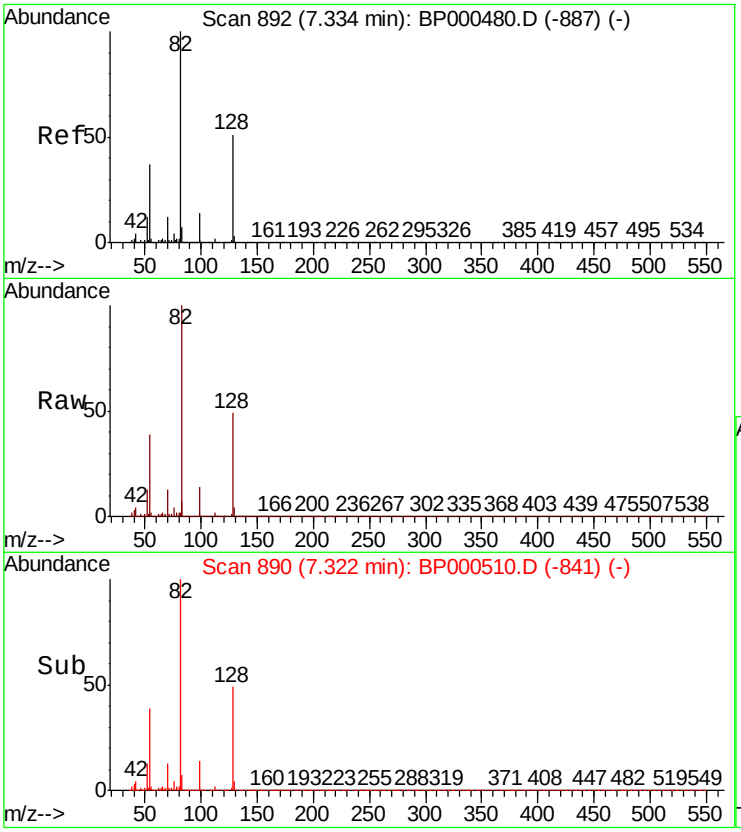


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:136 Resp: 722645

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.6	4.1	6.1
68	5.4	4.1	6.1



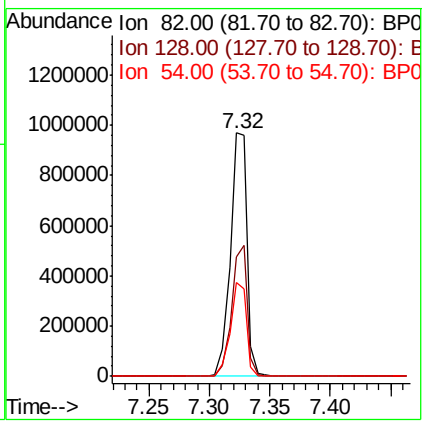


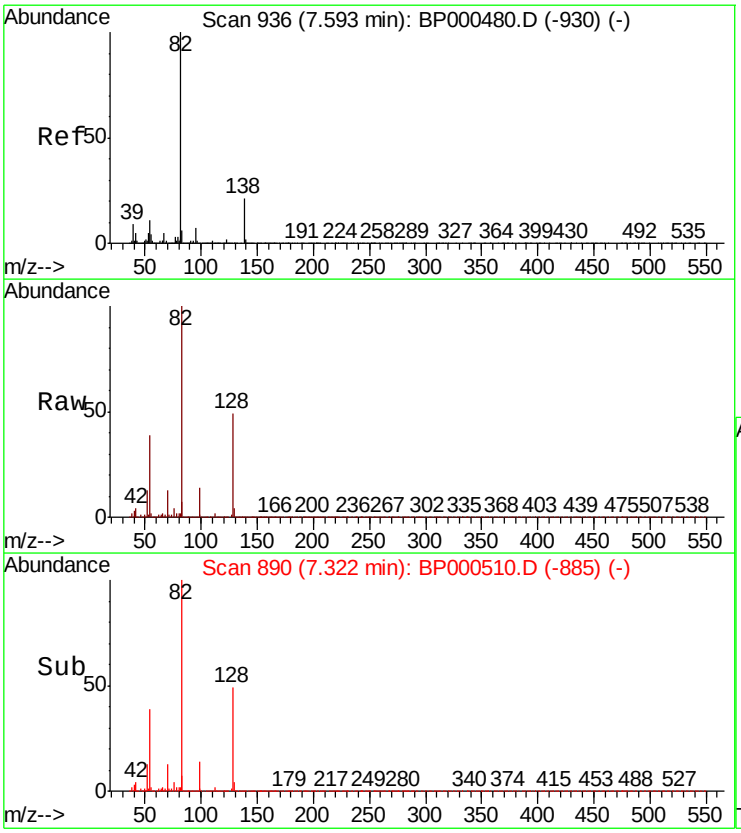
#23
Nitrobenzene-d5
Concen: 78.375 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 927333

Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.9	61.3
54	38.7	29.4	44.2

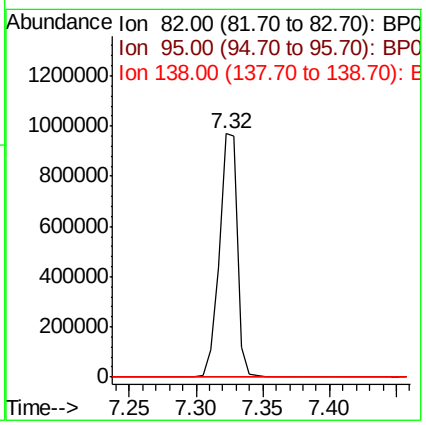


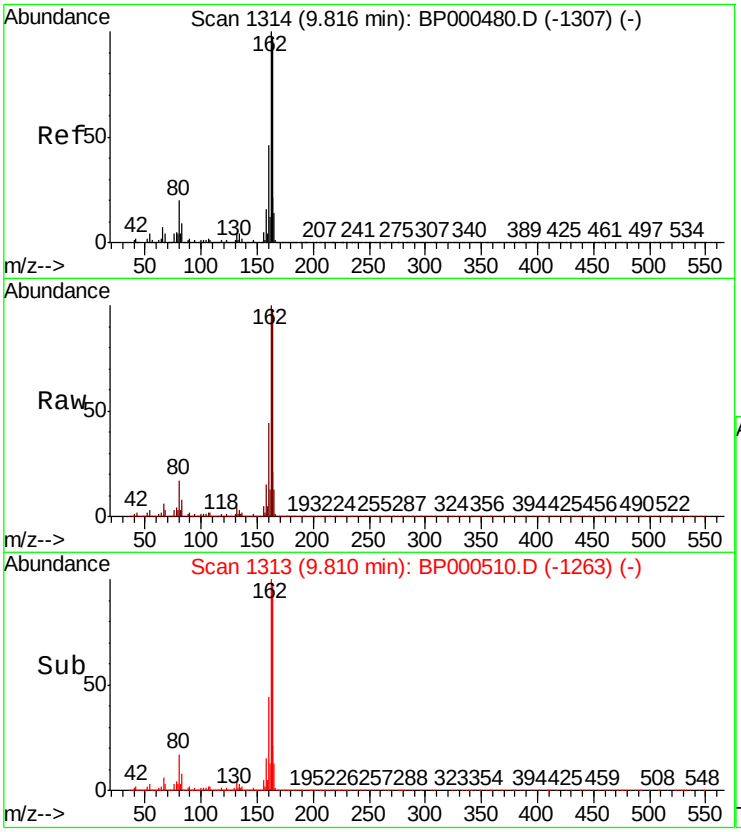


#25
Isophorone
Concen: 44.154 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion: 82 Resp: 927212

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



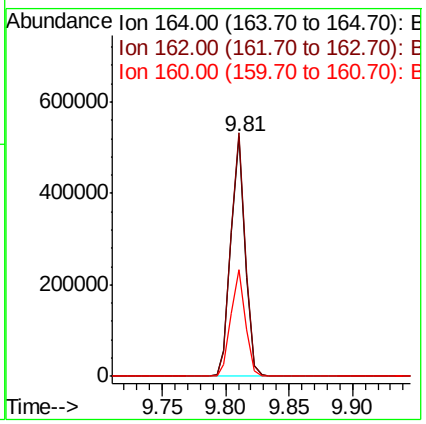


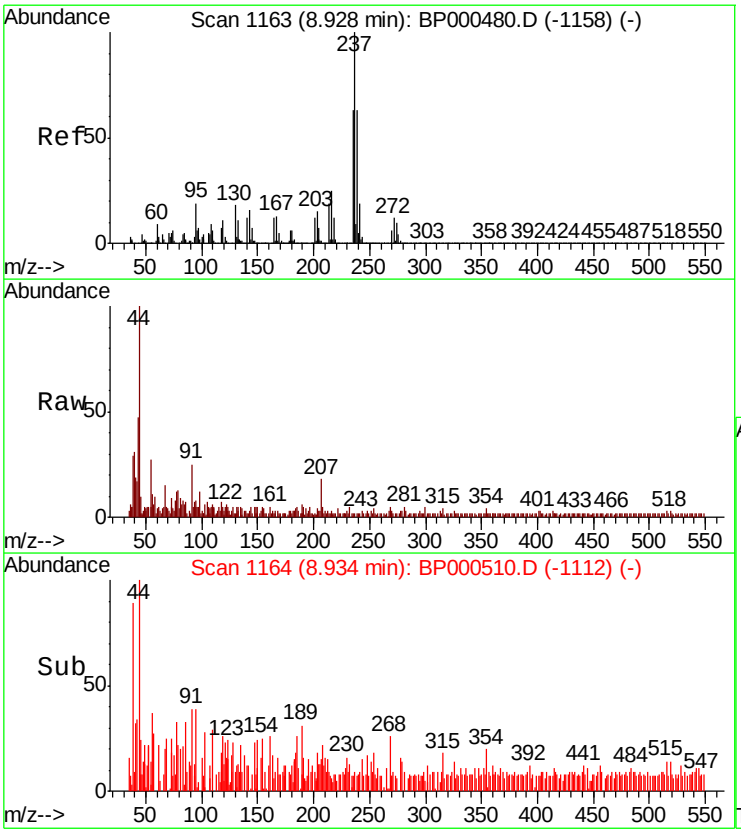
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 405282

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	44.7	37.6	56.4

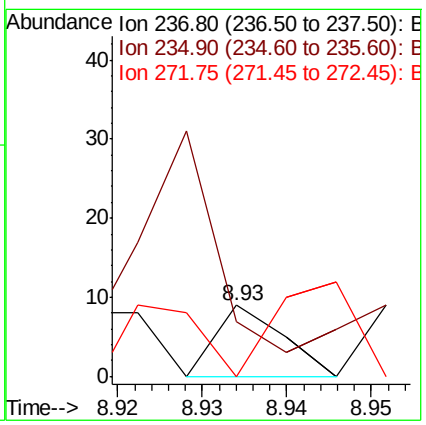


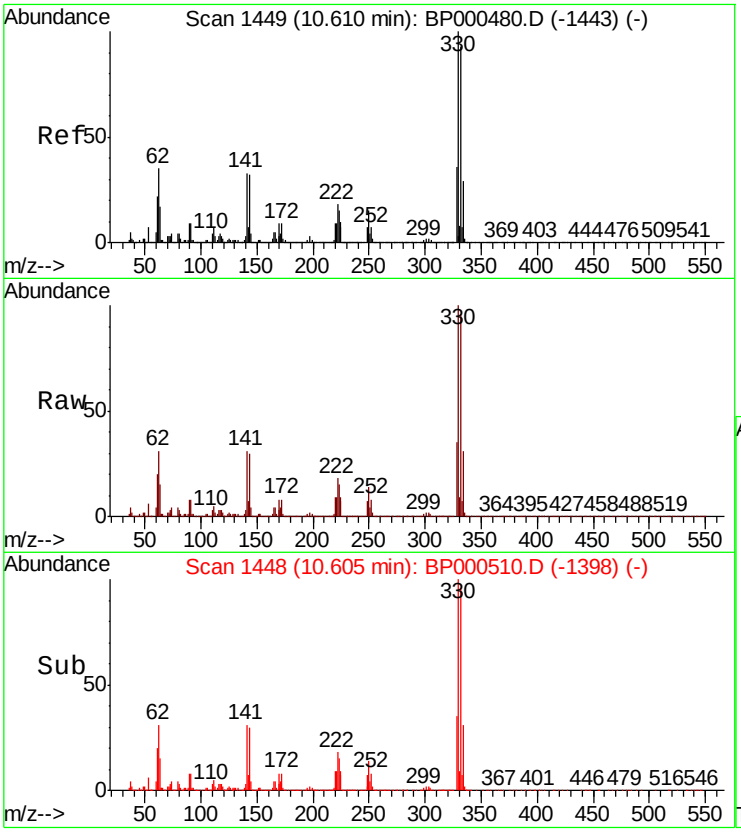


#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:237 Resp: 5

Ion	Ratio	Lower	Upper
237	100		
235	77.8	42.9	82.9
272	0.0	0.0	32.4



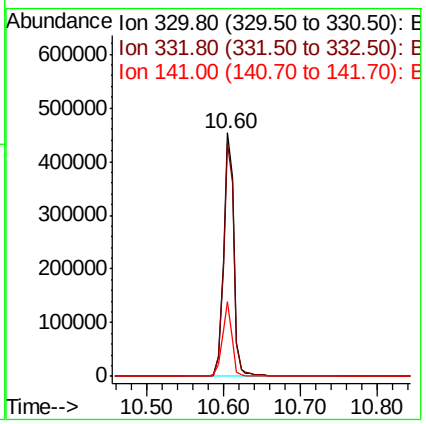


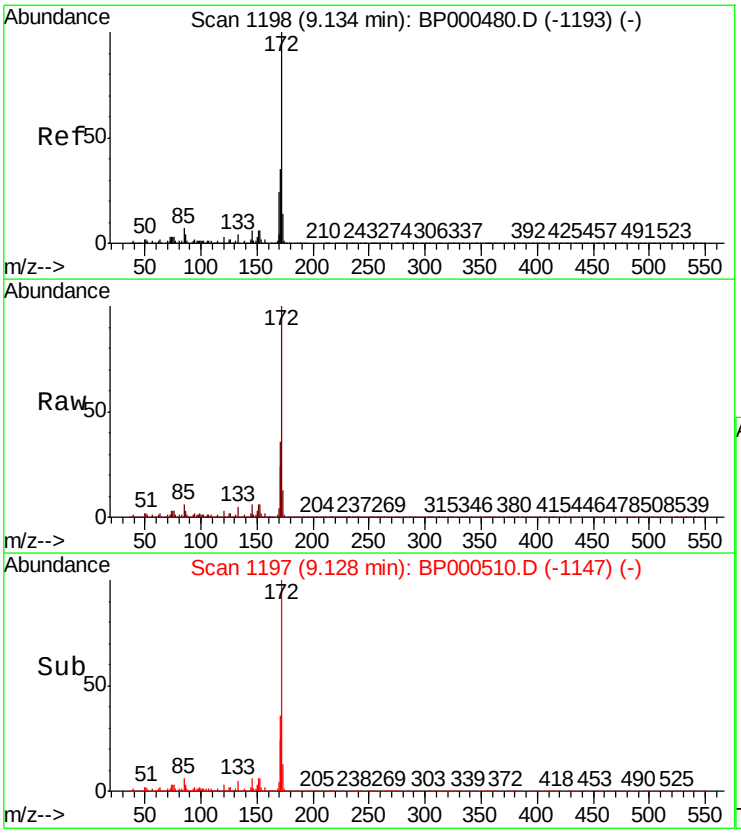
#42
2,4,6-Tribromophenol
Concen: 97.163 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 419624

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	28.5	26.0	39.0

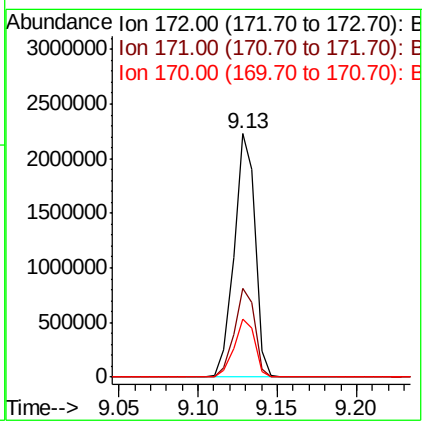


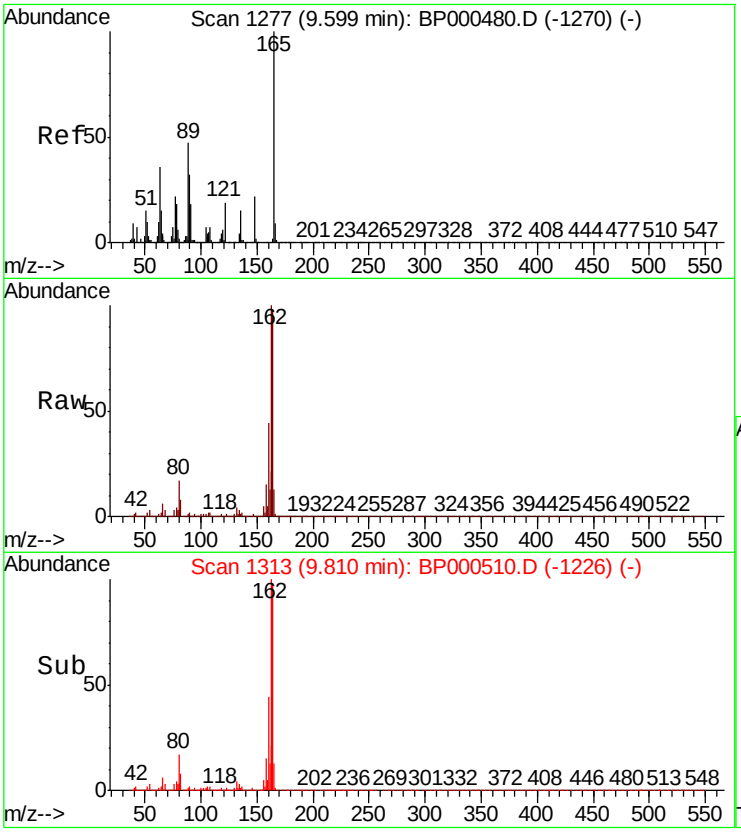


#45
2-Fluorobiphenyl
Concen: 81.353 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:172 Resp: 2037767

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.4	42.6
170	23.9	19.1	28.7



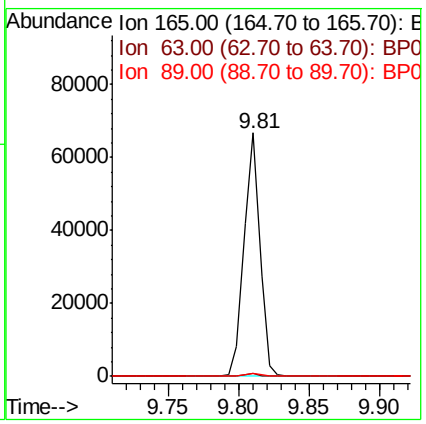


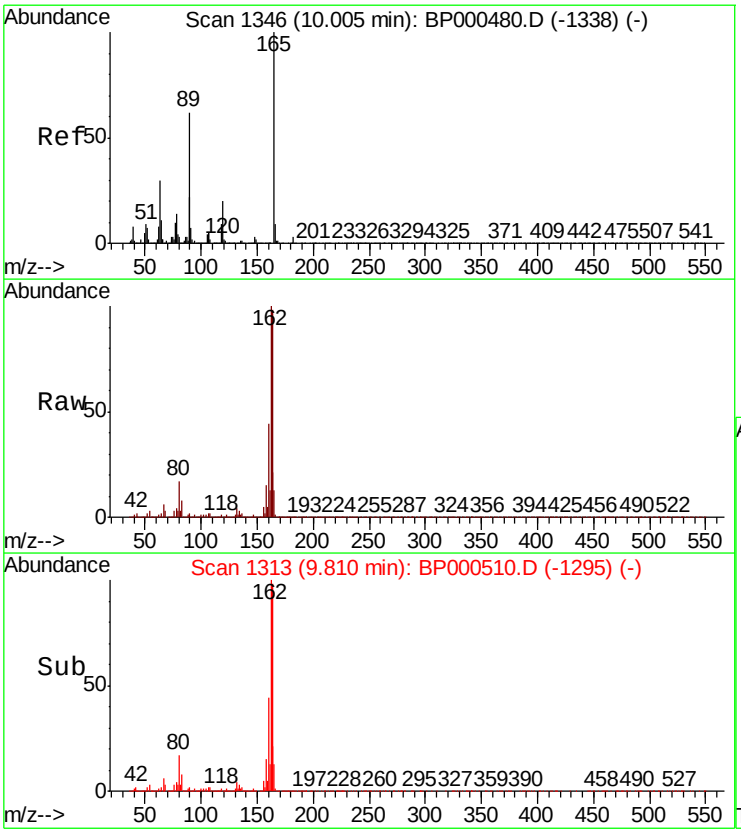
#51
2,6-Dinitrotoluene
Concen: 8.577 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.21 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:165 Resp: 52674

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.9	44.9#
89	1.2	37.3	55.9#

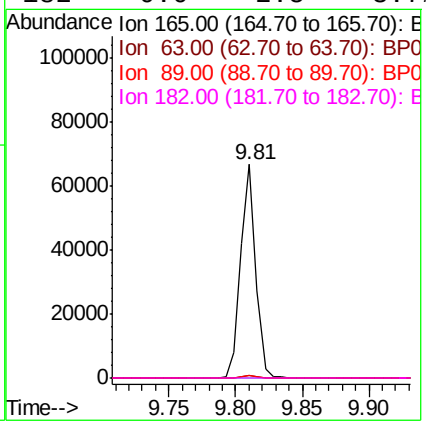


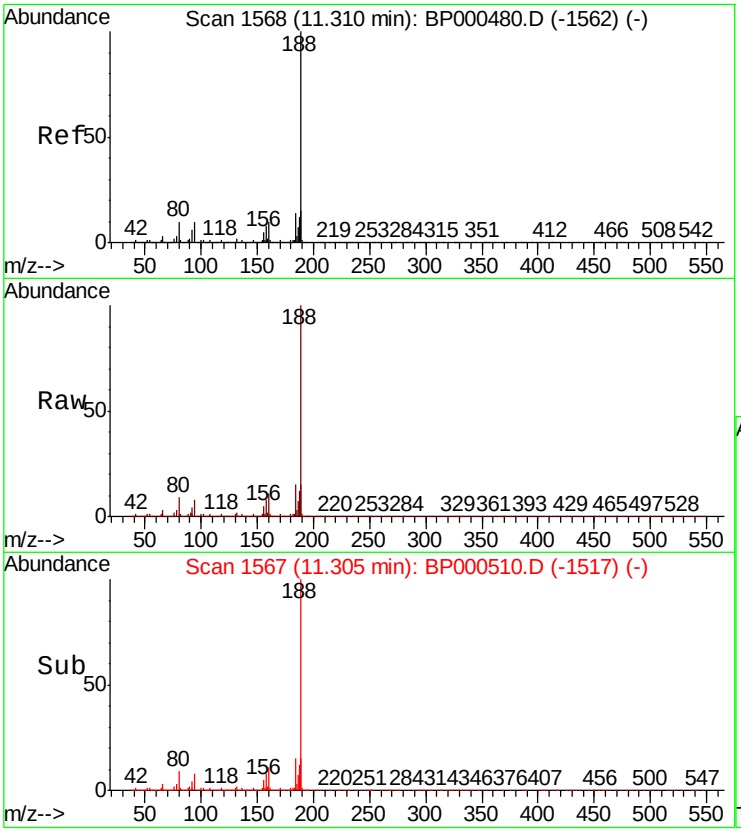


#57
2,4-Dinitrotoluene
Concen: 6.470 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:165 Resp: 52683

Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.2	49.4	74.0#
182	0.0	2.5	3.7#



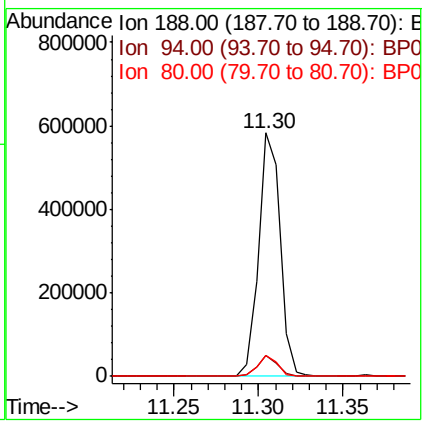


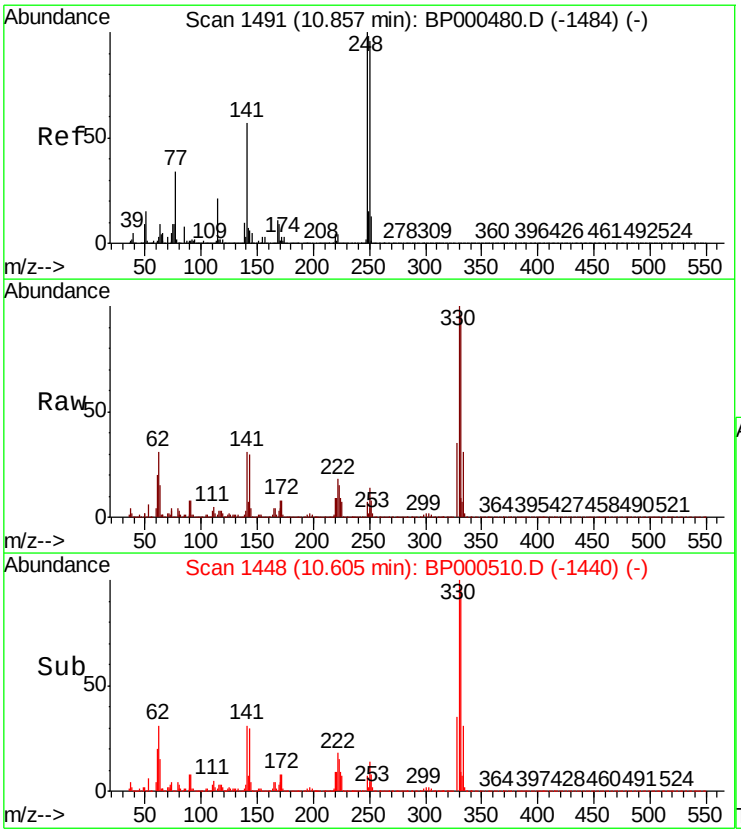
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 518721

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	8.6	8.3	12.5

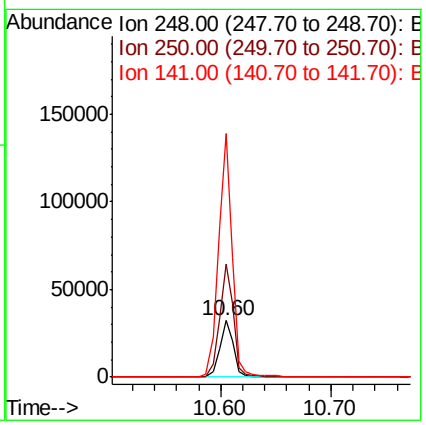


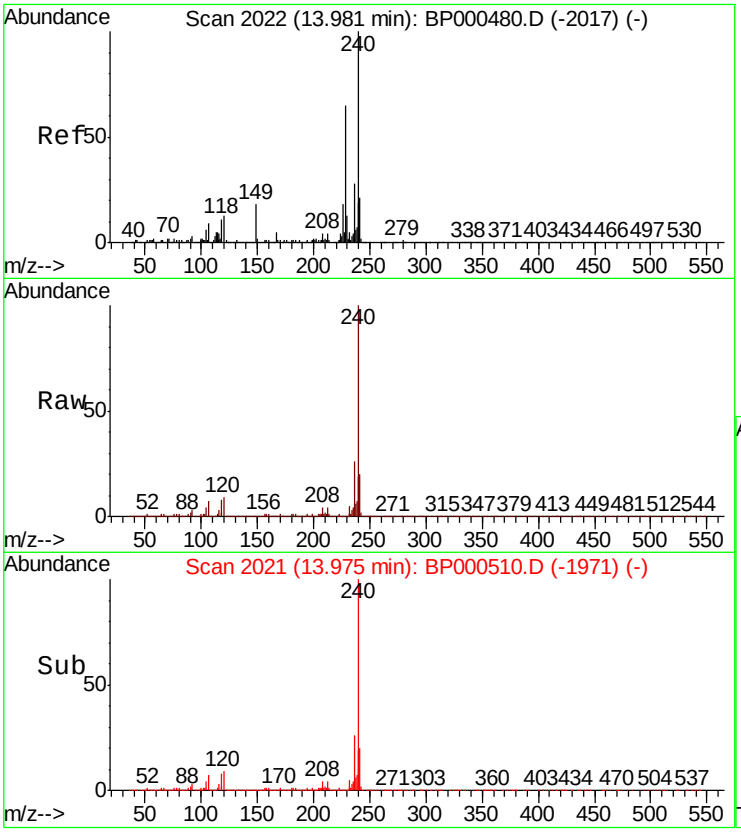


#67
4-Bromophenyl-phenylether
Concen: 4.752 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:248 Resp: 27750

Ion	Ratio	Lower	Upper
248	100		
250	201.0	77.2	115.8#
141	431.6	45.3	67.9#



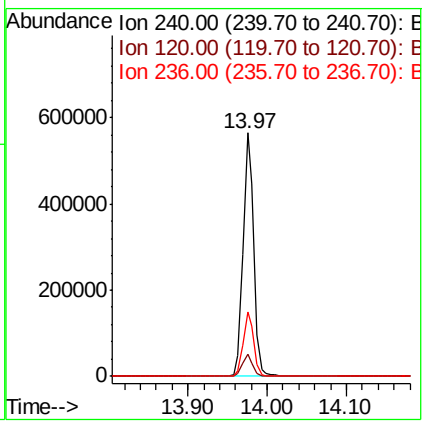


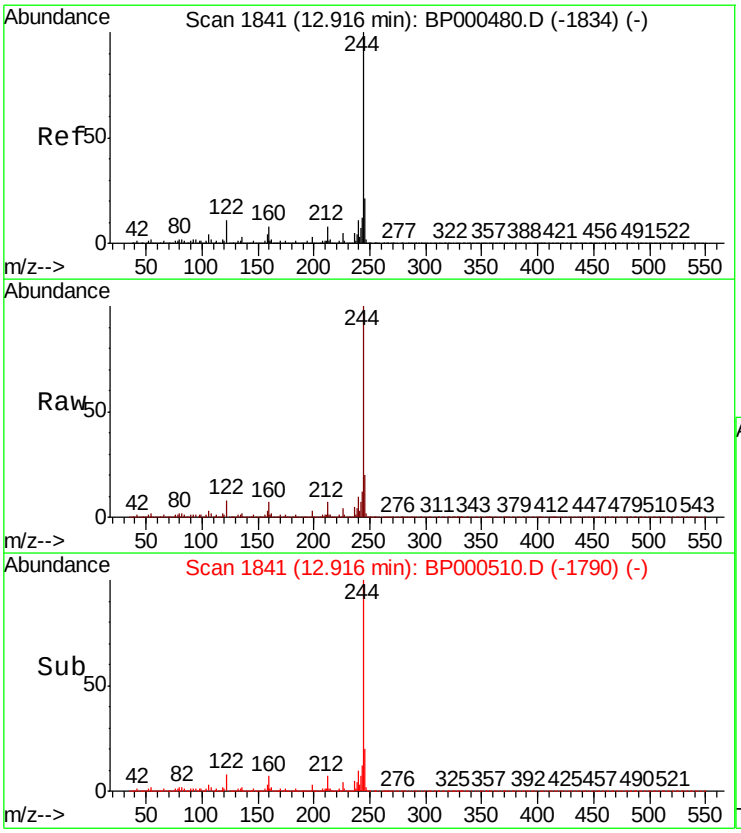
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 522613

Ion	Ratio	Lower	Upper
240	100		
120	9.0	10.1	15.1#
236	26.3	22.7	34.1

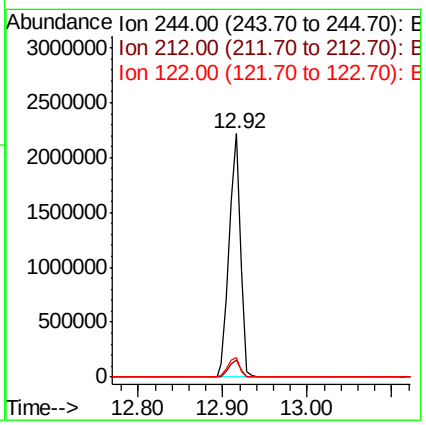


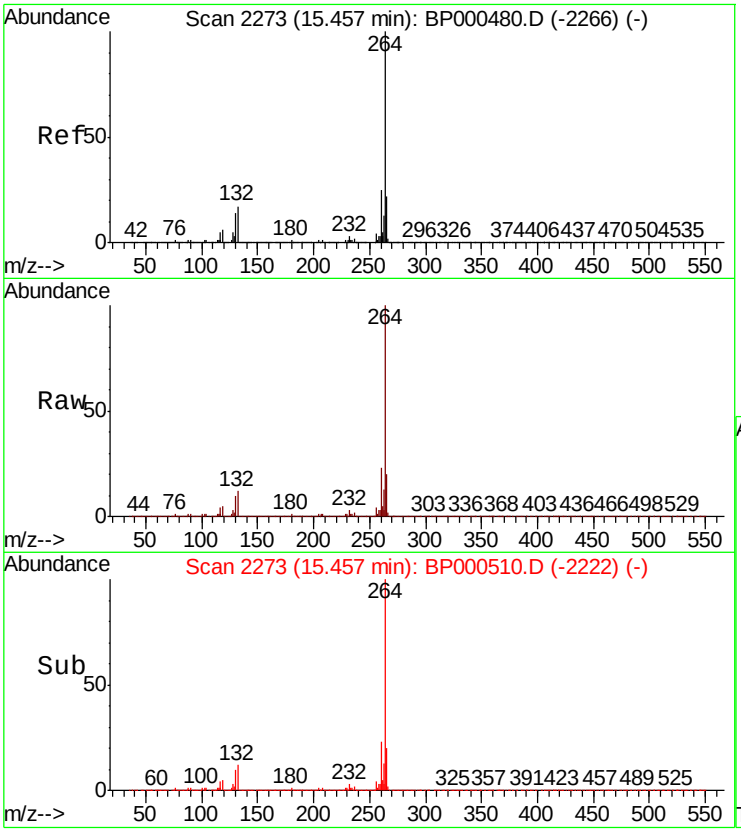


#79
Terphenyl-d14
Concen: 78.486 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:244 Resp: 2025852

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	8.2	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: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 602109

Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.3	30.5
265	20.3	18.0	27.0