Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000249.D
Acq On : 16 Sep 2019 20:23
Operator : HP/JU
Sample : K4861-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 17 06:11:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	298101	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1099492	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	614265	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1152948	20.00	ng		0.00
76) Chrysene-d12	13.99	240	997579	20.00	ng		-0.01
87) Perylene-d12	15.47	264	1071574	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1658920	96.07	ng		0.00
7) Phenol-d6	6.42	99	2127799	100.53	ng		0.00
23) Nitrobenzene-d5	7.35	82	1184451	69.50	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	667730	109.60	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2522198	73.90	ng		0.00
79) Terphenyl-d14	12.93	244	3048224	64.10	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	3626	Below Cal		#	1
10) Phenol	6.43	94	104869	4.361	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	145751	13.024	ng	#	74
25) Isophorone	7.35	82	1183613	35.076	ng	#	63
50) Dimethylphthalate	9.54	163	322119	7.697	ng		99
57) 2,4-Dinitrotoluene	9.83	165	80675	6.706	ng	#	35
67) 4-Bromophenyl-phenylether	10.62	248	47134	3.615	ng	#	1
69) Atrazine	11.13	200	14	Below Cal			76

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Sep 2019 20:23
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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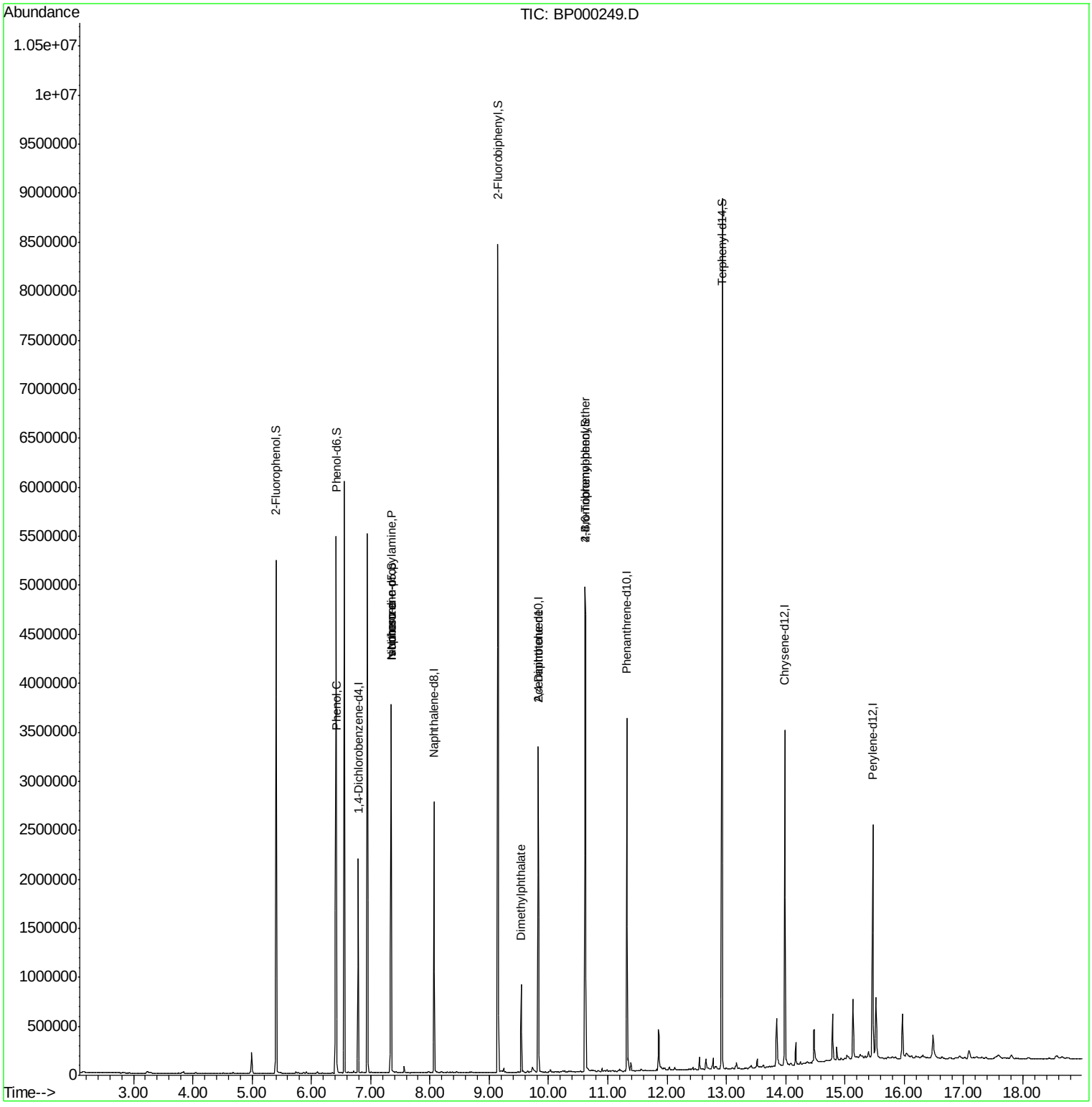
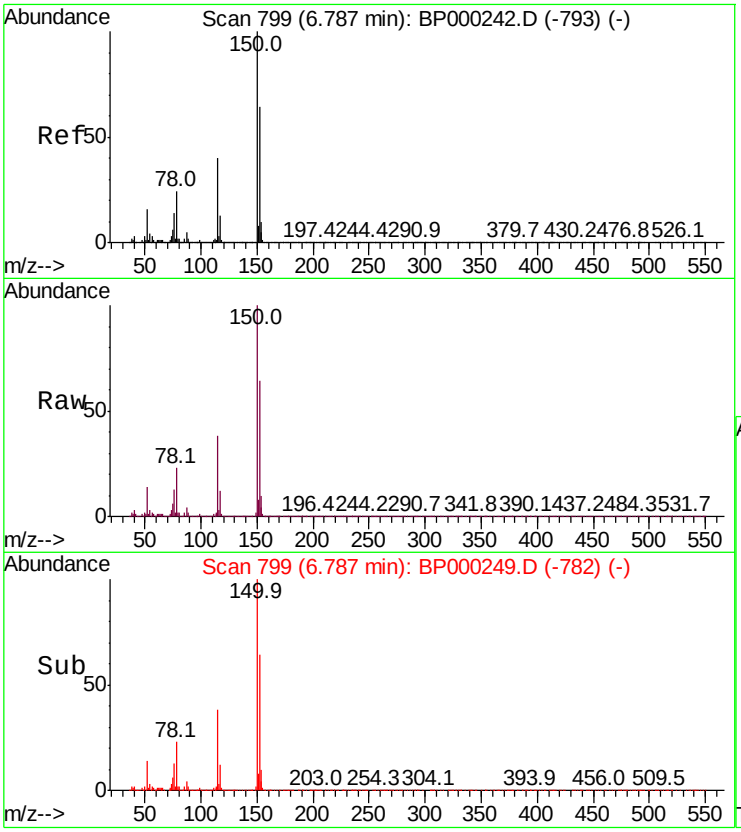


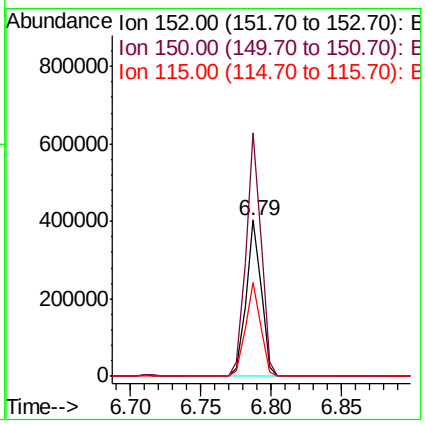


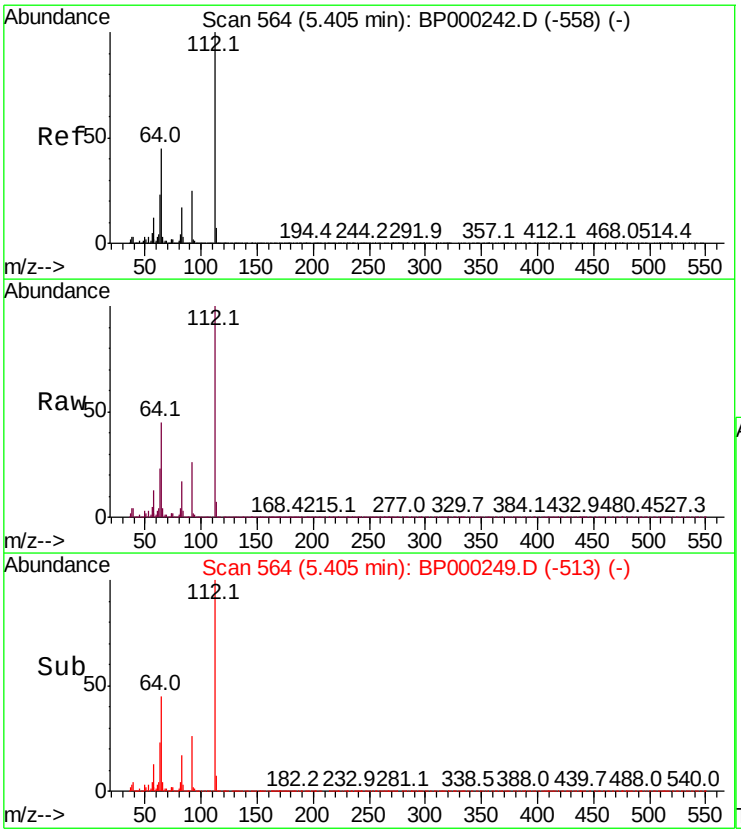
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 298101

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.2	187.8
115	59.9	49.7	74.5

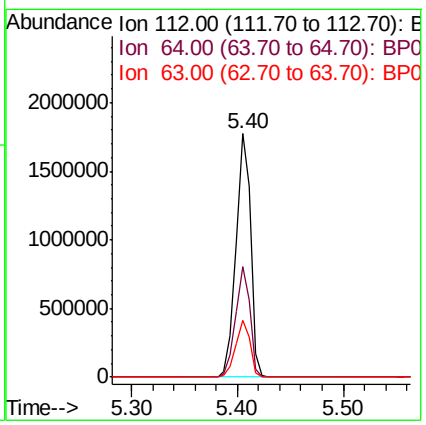


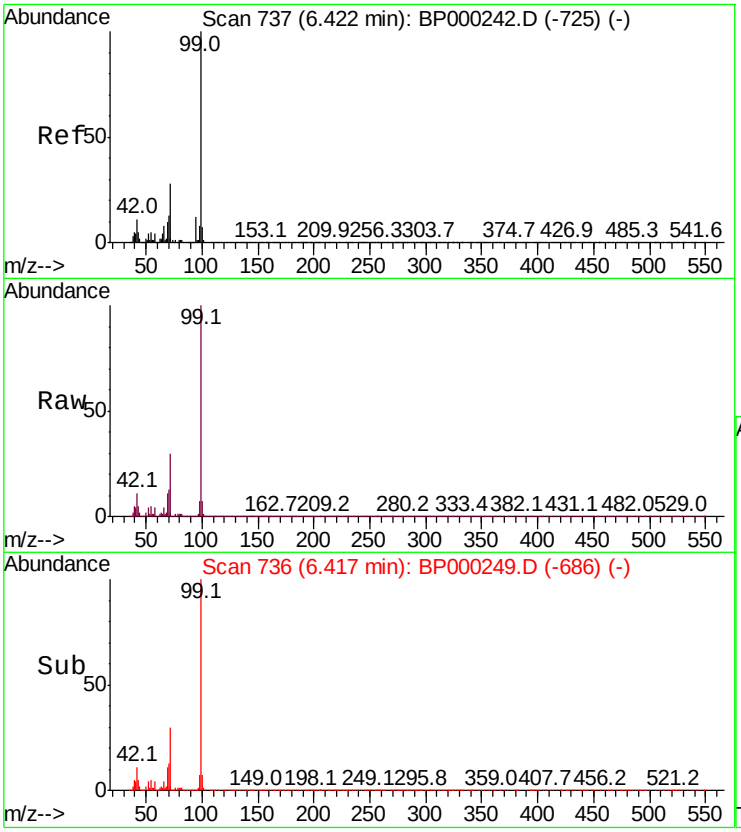


#5
2-Fluorophenol
Concen: 96.071 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion:112 Resp: 1658920

Ion	Ratio	Lower	Upper
112	100		
64	45.3	36.2	54.4
63	23.2	18.3	27.5



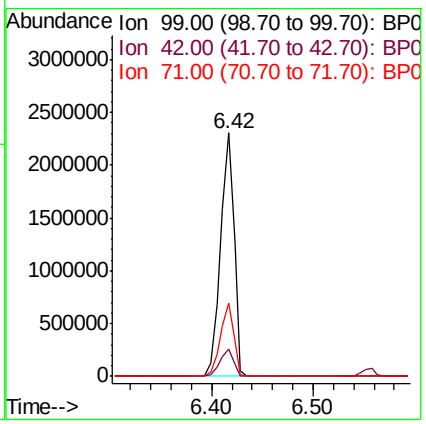


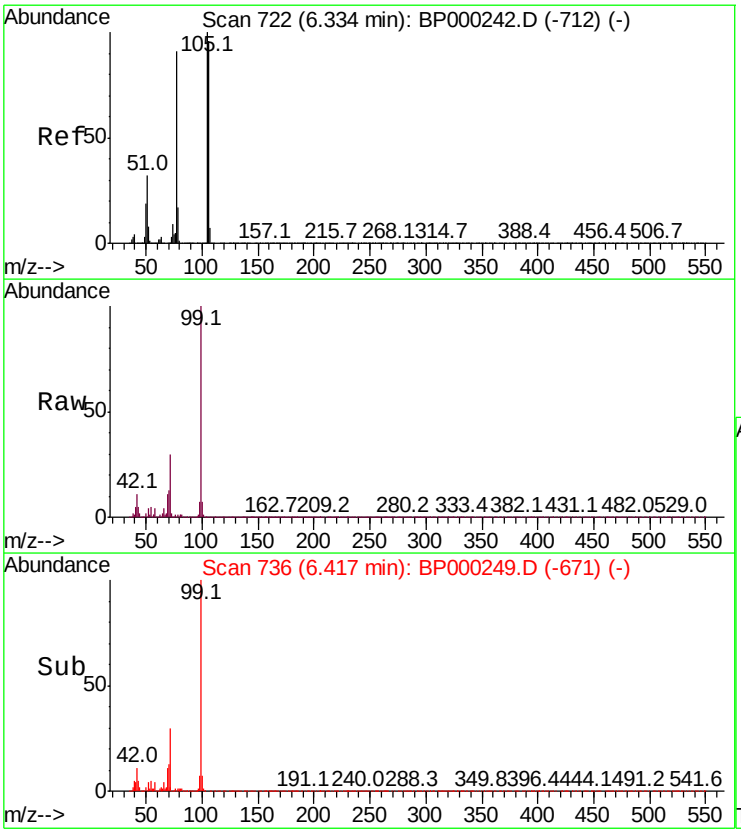
#7
Phenol-d6
Concen: 100.526 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 2127799

Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	29.9	22.6	34.0

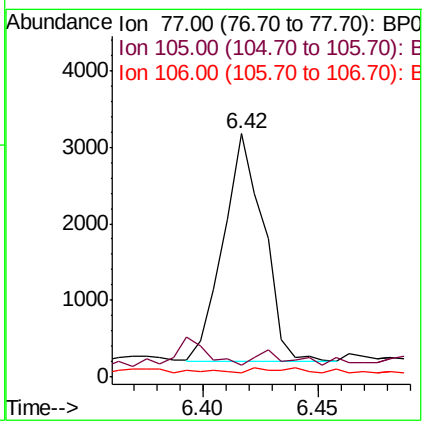


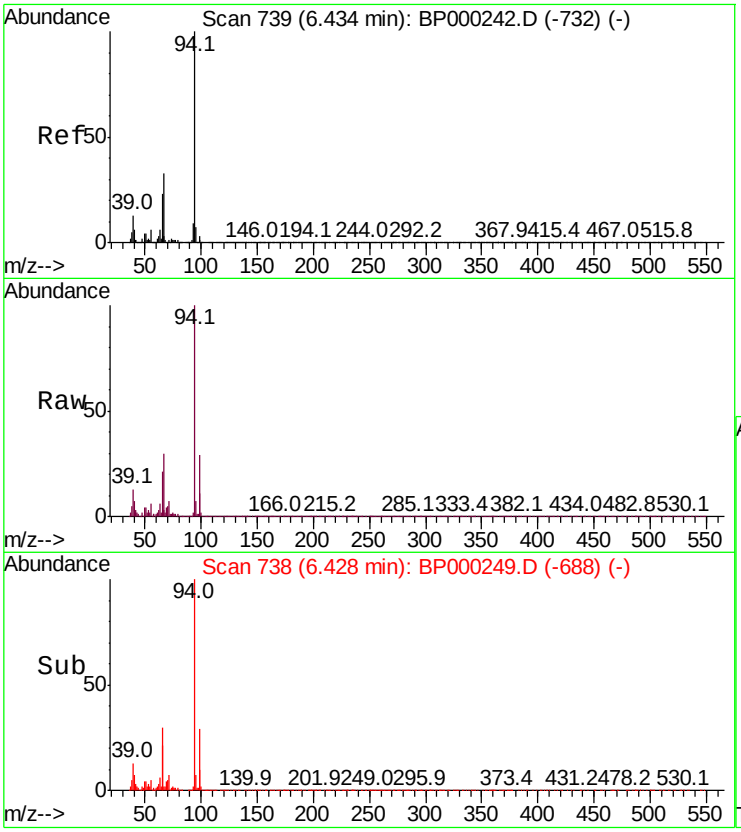


#9
Benzaldehyde
Concen: Below Cal
RT: 6.42 min Scan# 736
Delta R.T. 0.08 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion: 77 Resp: 3626

Ion	Ratio	Lower	Upper
77	100		
105	4.7	89.6	129.6#
106	1.8	84.6	124.6#



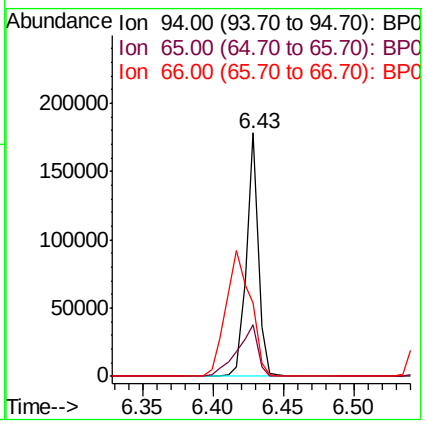


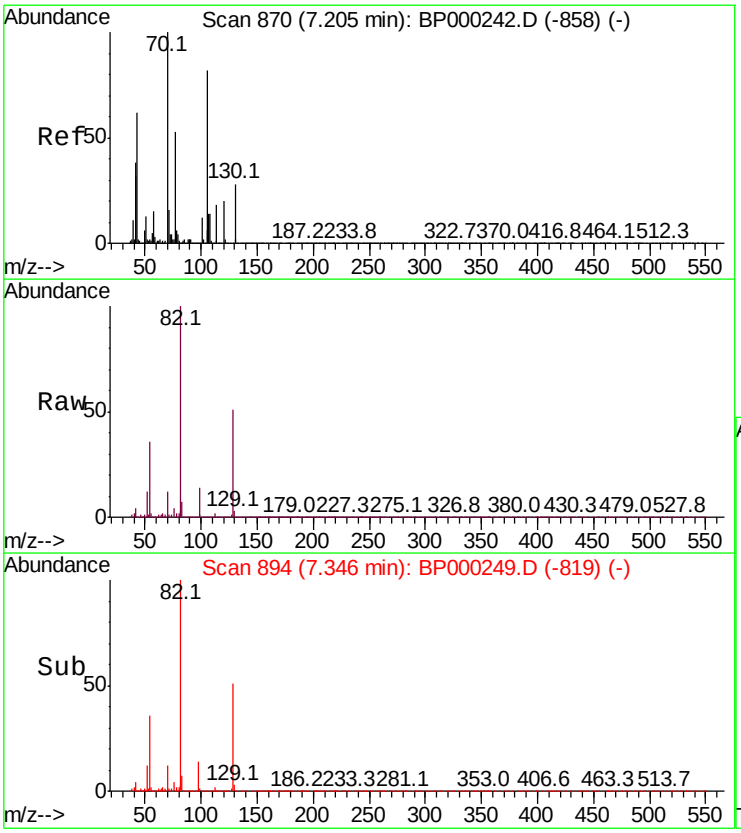
#10
Phenol
Concen: 4.361 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 104869

Ion	Ratio	Lower	Upper
94	100		
65	21.3	3.3	43.3
66	30.3	12.7	52.7

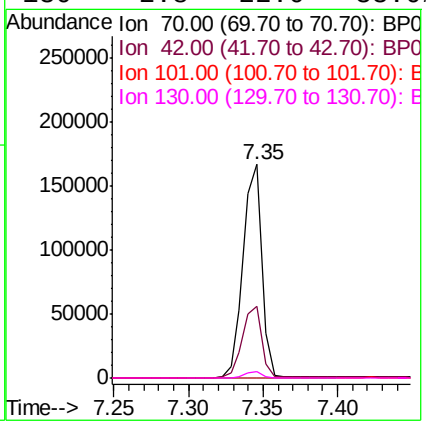


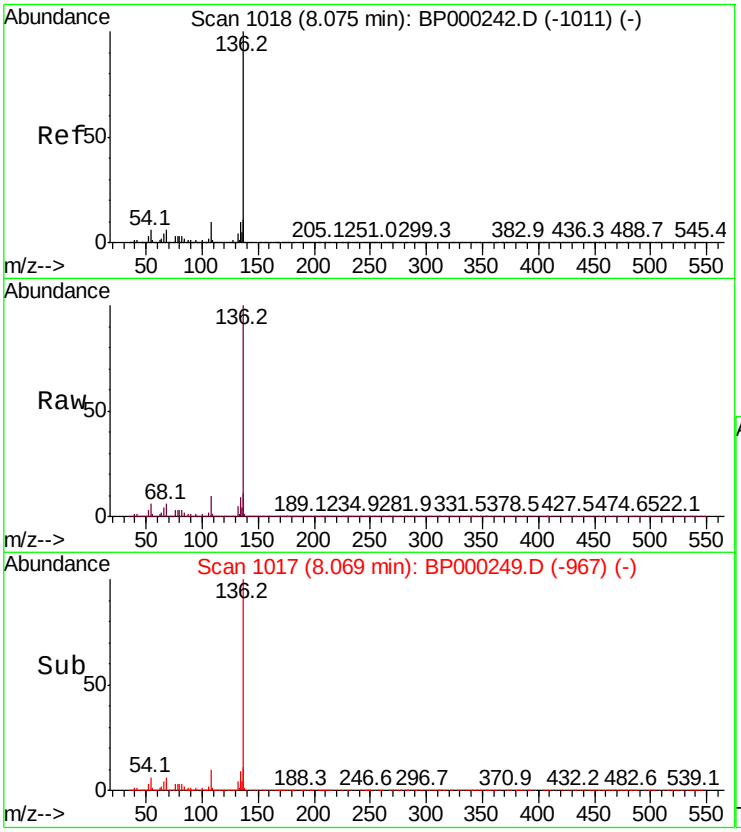


#19
n-Nitroso-di-n-propylamine
Concen: 13.024 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion: 70 Resp: 145751

Ion	Ratio	Lower	Upper
70	100		
42	33.3	30.7	46.1
101	0.0	9.6	14.4#
130	2.8	22.0	33.0#

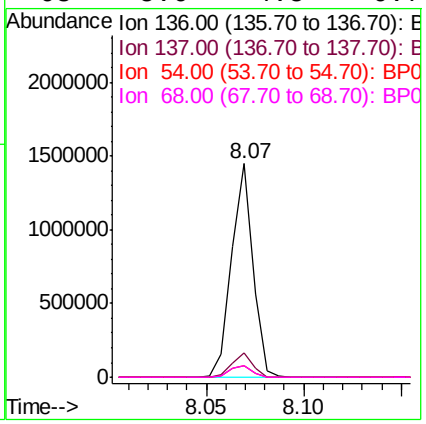




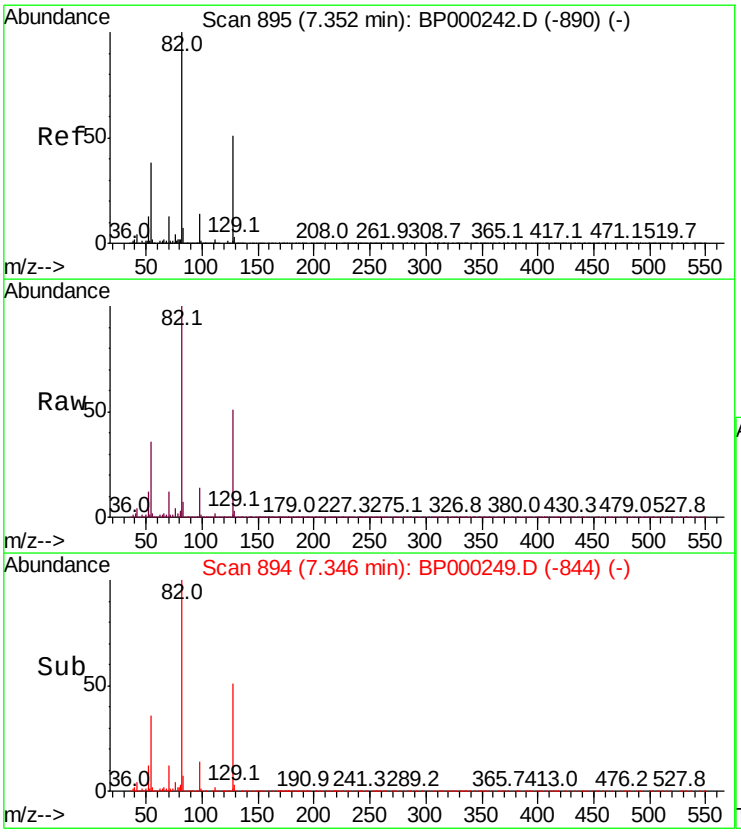
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion:136 Resp: 1099492

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.6	4.5	6.7
68	5.6	4.5	6.7



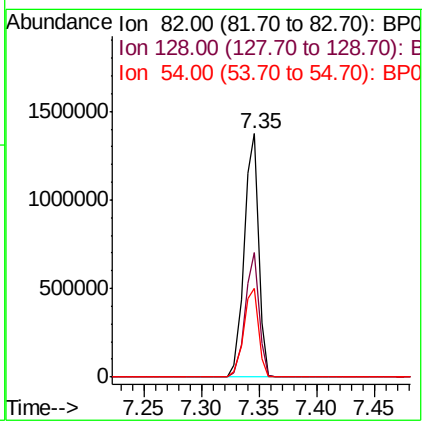
Instrument :
BNA_P
ClientSampleId :

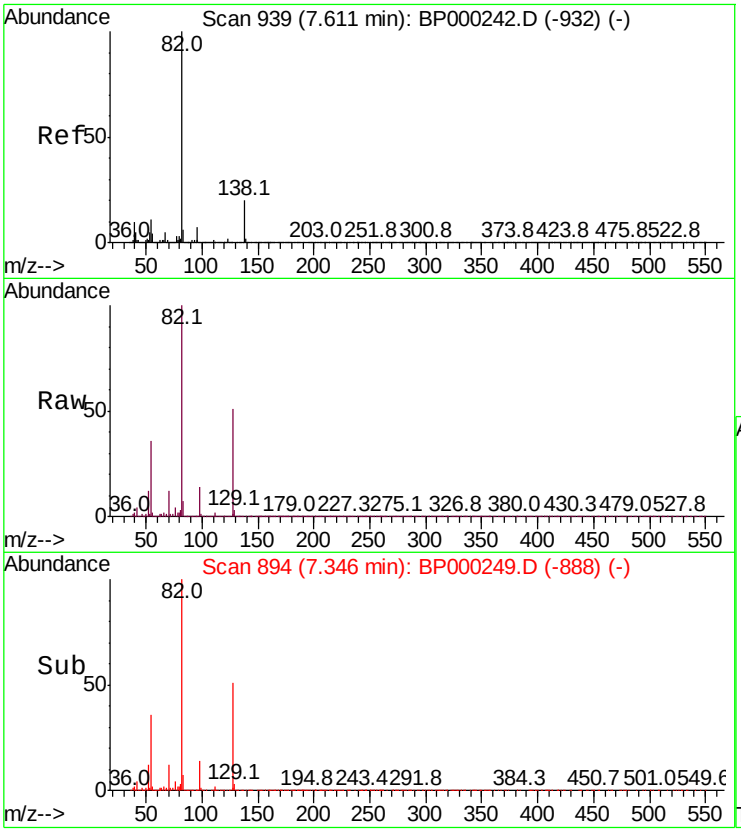


#23
Nitrobenzene-d5
Concen: 69.505 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion: 82 Resp: 1184451

Ion	Ratio	Lower	Upper
82	100		
128	51.3	40.7	61.1
54	36.3	30.1	45.1



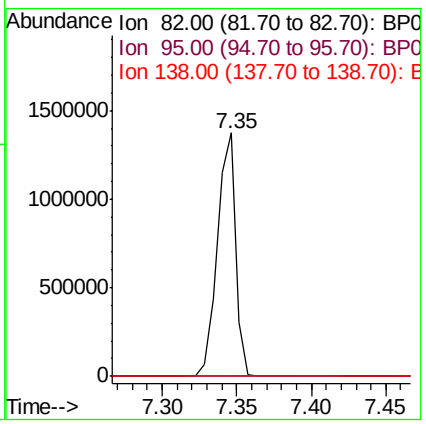


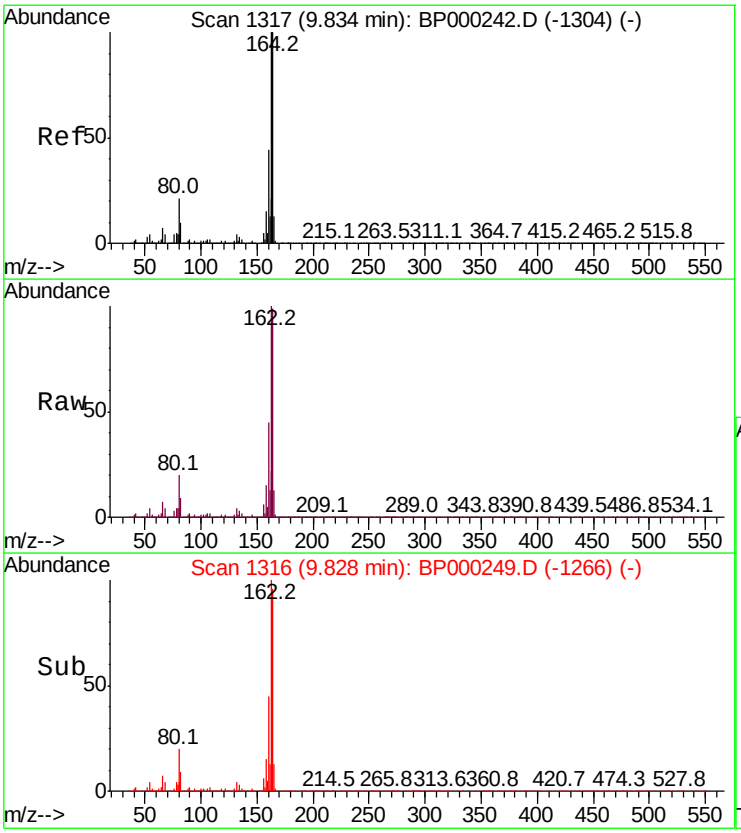
#25
Isophorone
Concen: 35.076 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 1183613

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.9	23.9#

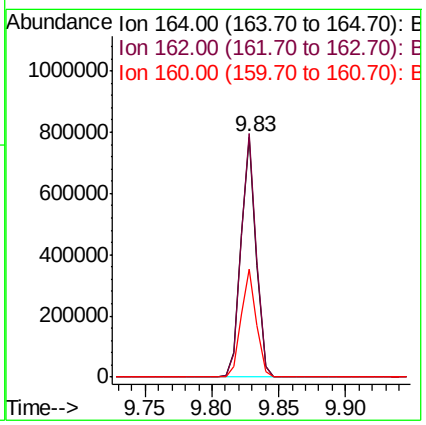


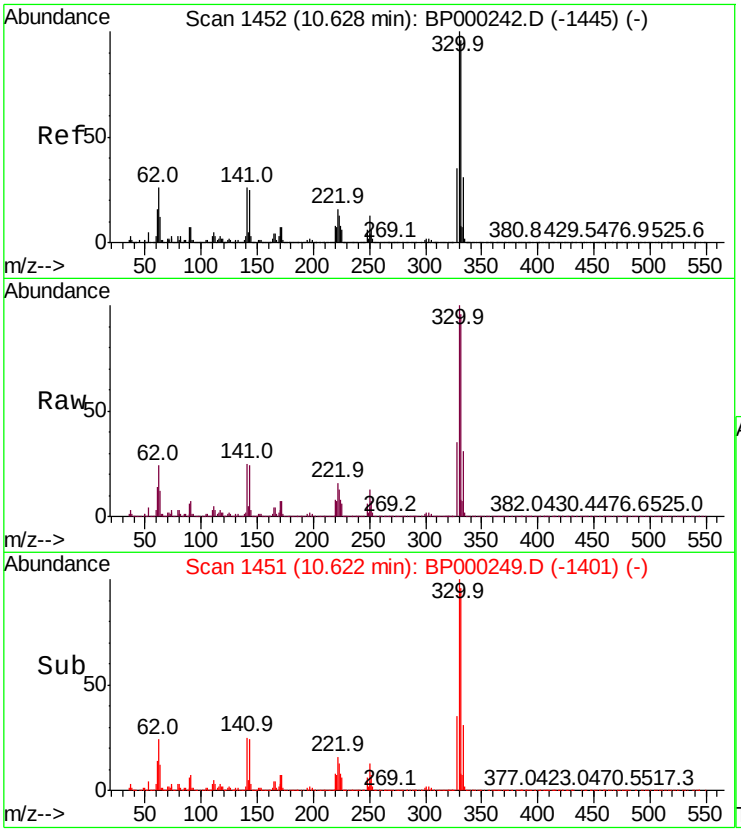


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion:164 Resp: 614265

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.9	119.9
160	45.2	35.6	53.4



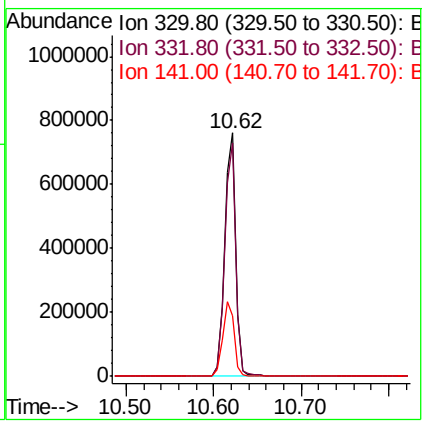


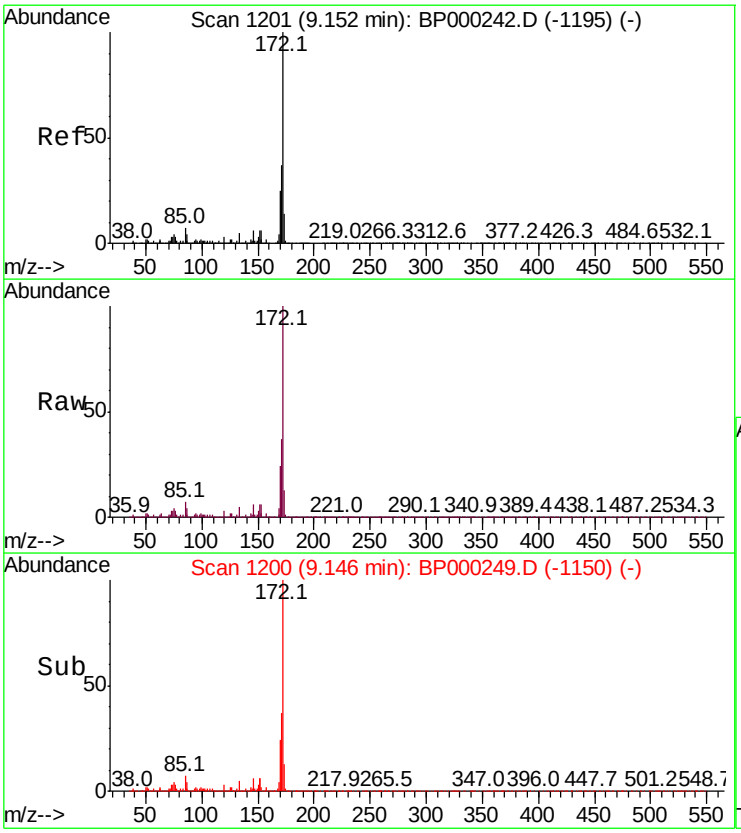
#42
2,4,6-Tribromophenol
Concen: 109.595 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 667730

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	32.0	26.5	39.7

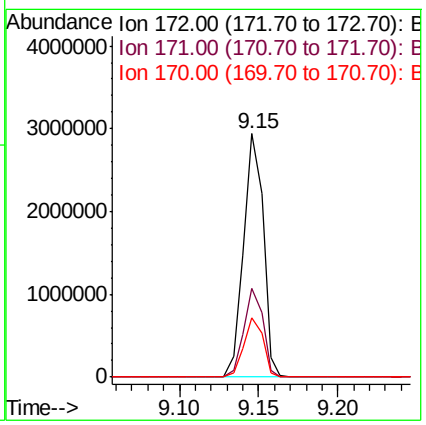


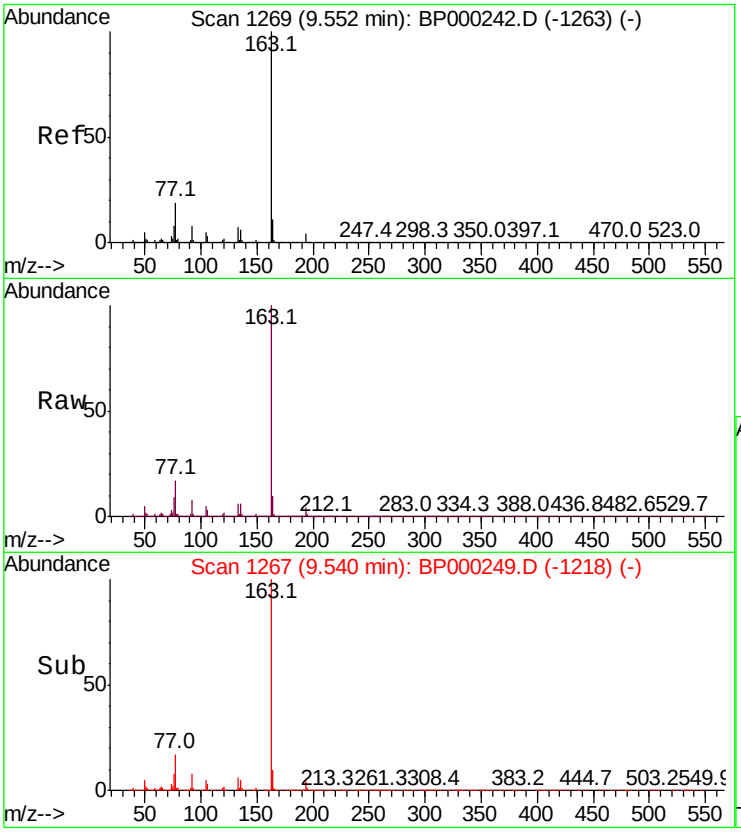


#45
2-Fluorobiphenyl
Concen: 73.901 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion:172 Resp: 2522198

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.2	19.8	29.6



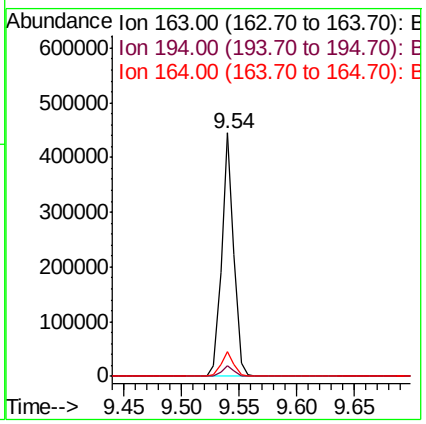


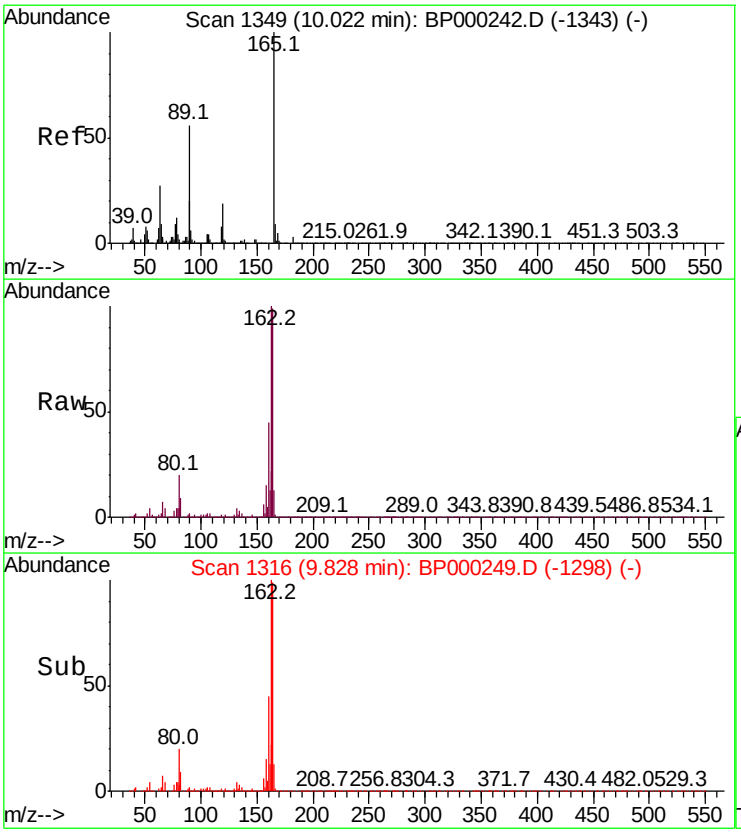
#50
Dimethylphthalate
Concen: 7.697 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 322119

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.5	12.7

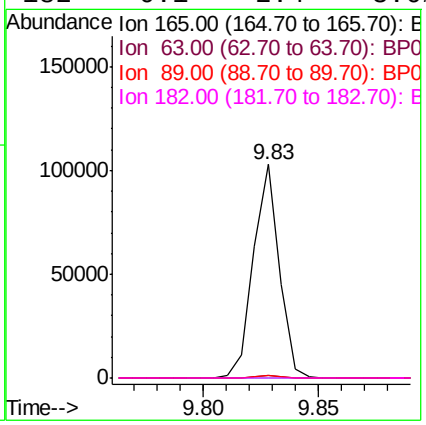


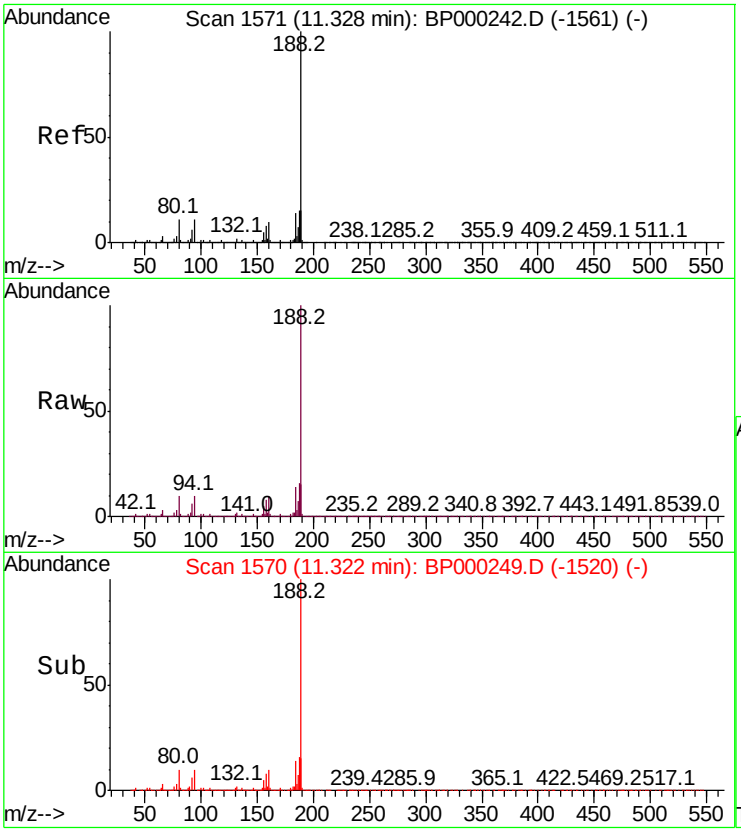


#57
2,4-Dinitrotoluene
Concen: 6.706 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion:165 Resp: 80675

Ion	Ratio	Lower	Upper
165	100		
63	1.2	21.7	32.5#
89	1.2	45.0	67.6#
182	0.1	2.4	3.6#



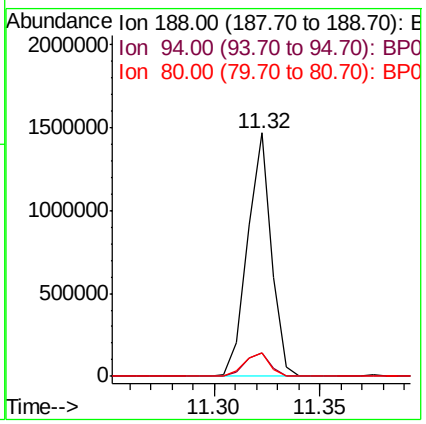


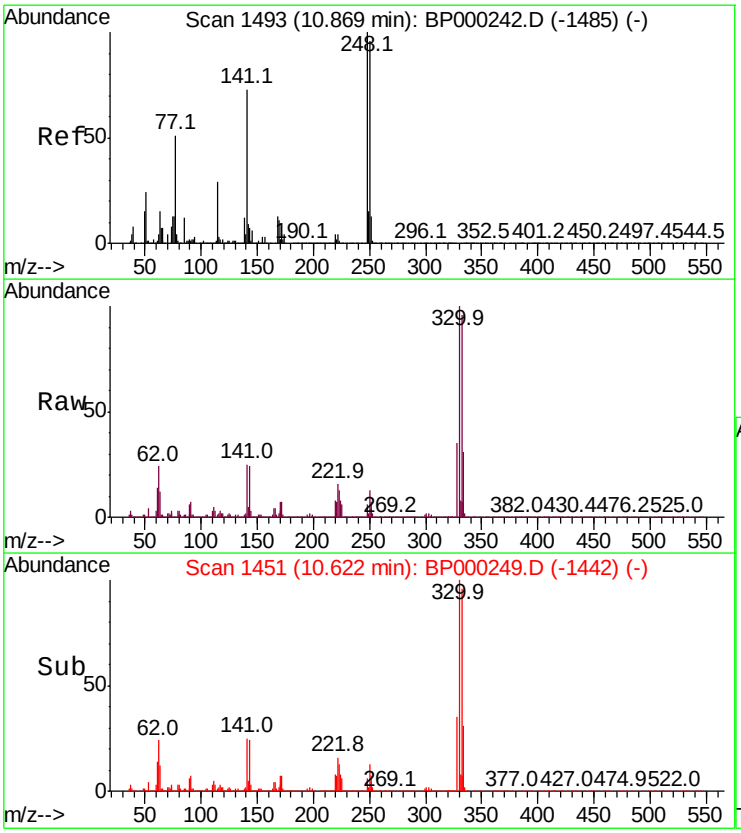
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 1152948

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	9.8	8.6	13.0

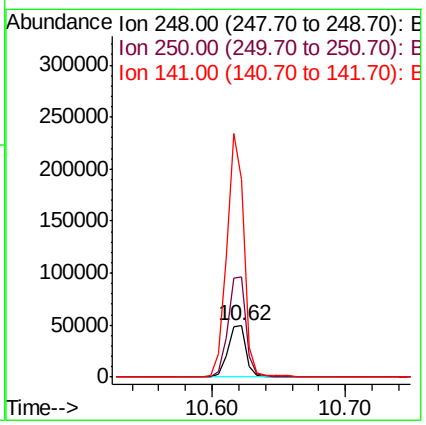


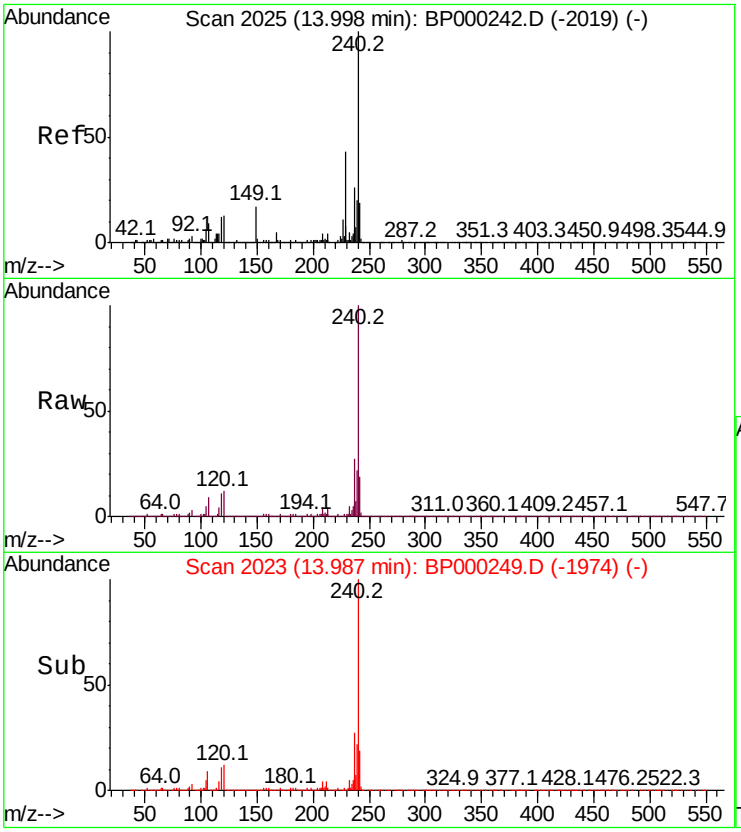


#67
4-Bromophenyl-phenylether
Concen: 3.615 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion:248 Resp: 47134

Ion	Ratio	Lower	Upper
248	100		
250	196.1	77.0	115.4#
141	386.8	58.5	87.7#



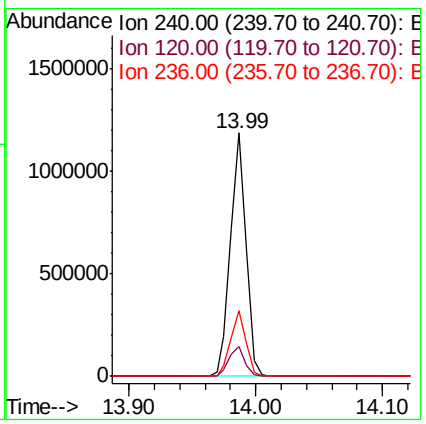


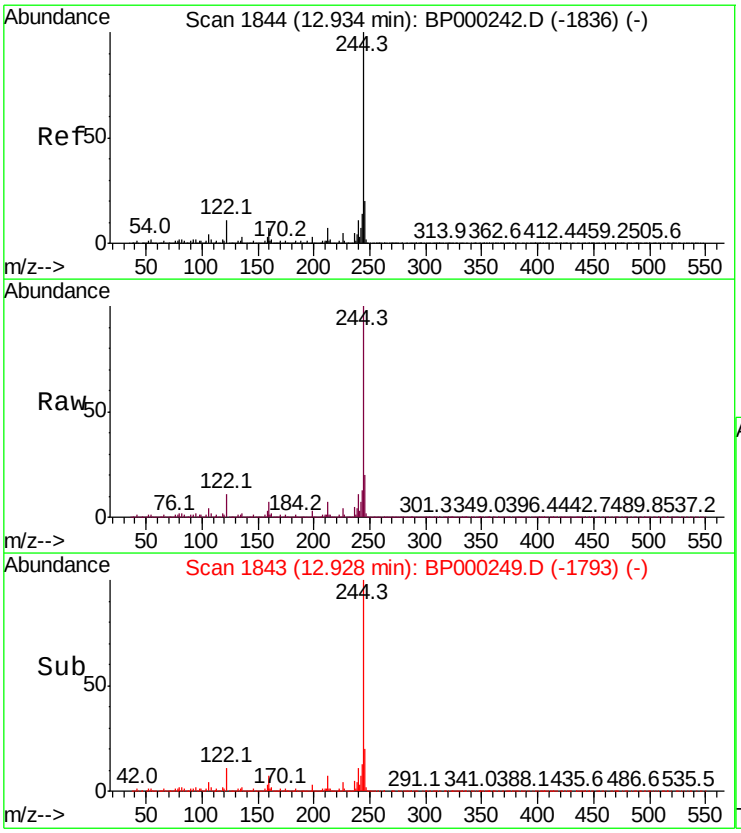
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 997579

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.4	15.6
236	26.8	21.0	31.6

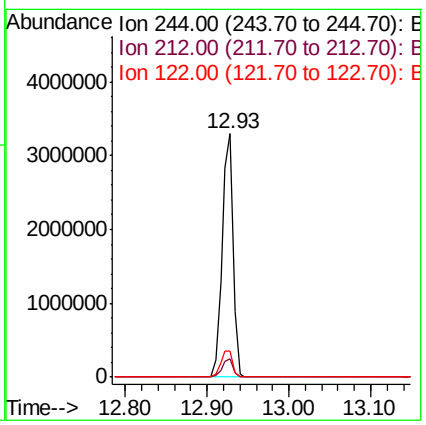


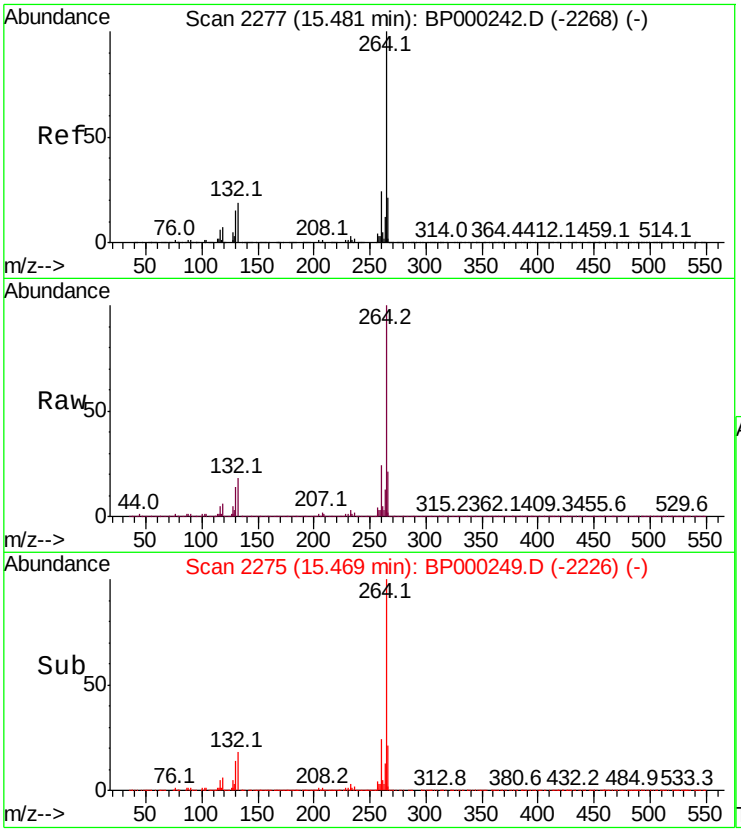


#79
Terphenyl-d14
Concen: 64.102 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Tgt Ion:244 Resp: 3048224

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.7	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP000249.D
Acq: 16 Sep 2019 20:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 1071574

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.4	17.2	25.8