Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
Data File : BE098902.D
Acq On : 12 Mar 2019 17:40
Operator : JU/SJ
Sample : K1839-06DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TT101D-20190307DL

Quant Time: Mar 13 07:45:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	562	0.40	ng		0.02
7) Naphthalene-d8	10.61	136	2822	0.40	ng		0.03
13) Acenaphthene-d10	14.47	164	2232	0.40	ng		0.01
19) Phenanthrene-d10	17.23	188	5591	0.40	ng		0.01
27) Chrysene-d12	21.40	240	6491	0.40	ng		0.00
34) Perylene-d12	23.90	264	6307	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.44	112	23	0.01	ng		0.06
5) Phenol-d6	7.03	99	1	0.00	ng		0.05
8) Nitrobenzene-d5	9.09	82	66	0.02	ng		0.13
11) 2-Methylnaphthalene-d10	12.27	152	334	0.06	ng		0.07
14) 2,4,6-Tribromophenol	16.00	330	42	0.04	ng		0.03
15) 2-Fluorobiphenyl	13.13	172	673	0.07	ng		0.04
25) Fluoranthene-d10	19.26	212	5941	0.07	ng		0.01
29) Terphenyl-d14	19.85	244	1366	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1664	1.819	ng		99
3) n-Nitrosodimethylamine	3.62	42	71	0.050	ng	#	40
22) Pentachlorophenol	16.88	266	6	0.269	ng		91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
Data File : BE098902.D
Acq On : 12 Mar 2019 17:40
Operator : JU/SJ
Sample : K1839-06DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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TT101D-20190307DL

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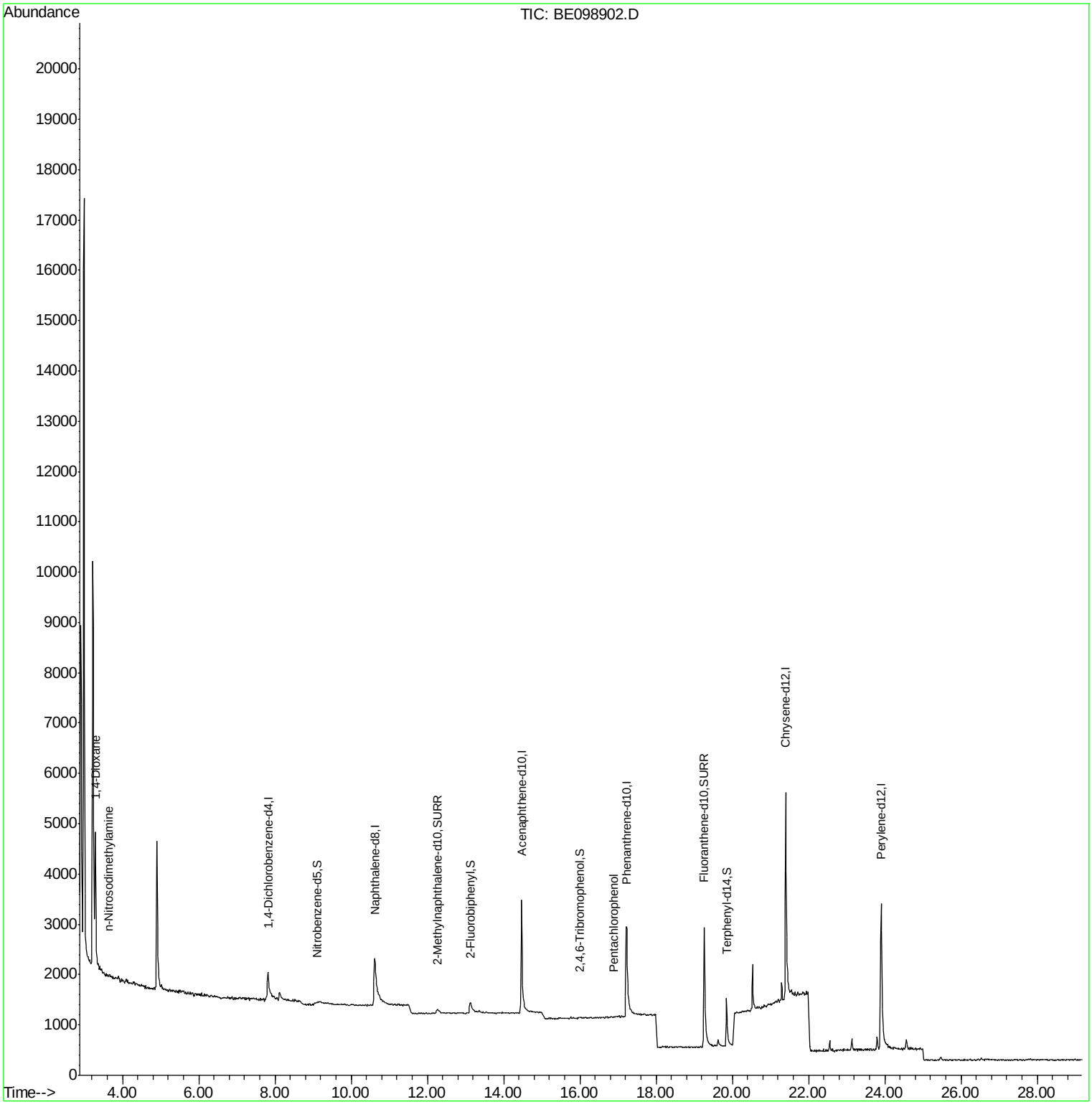
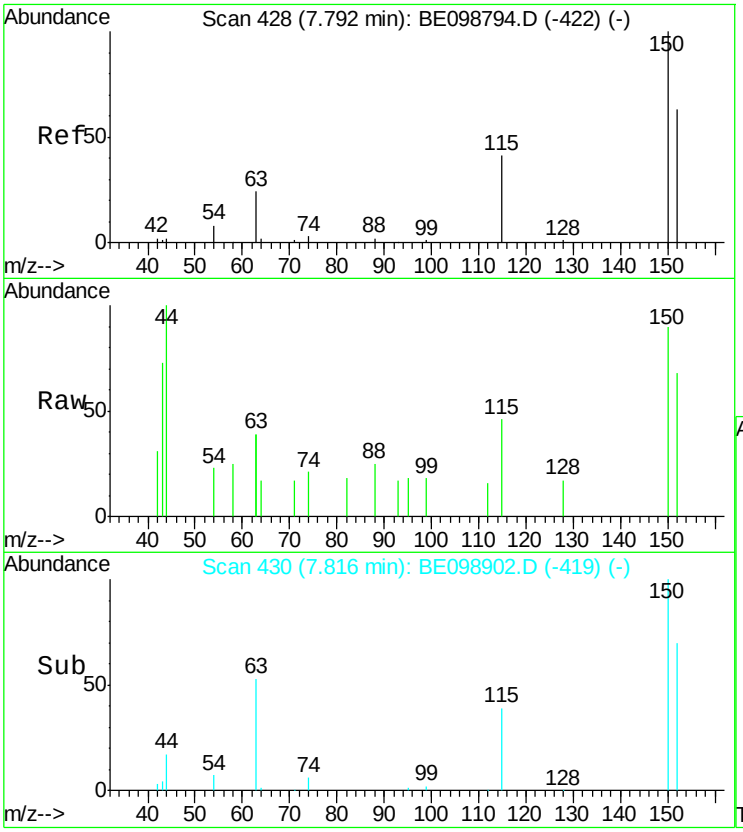
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



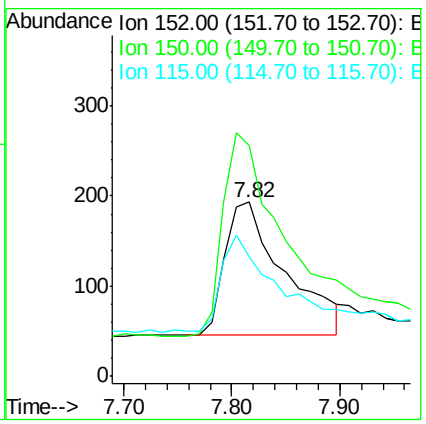


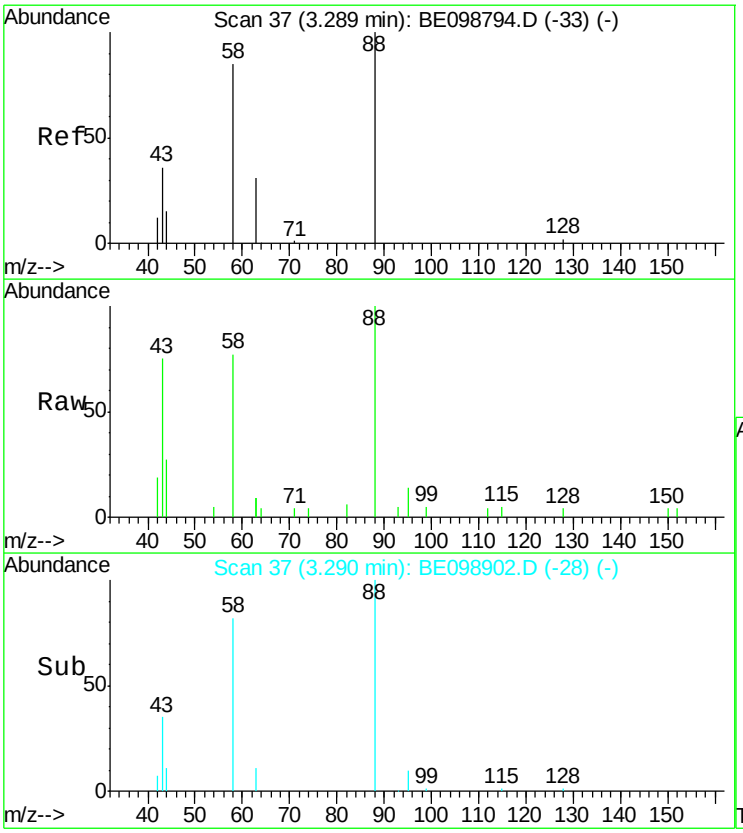
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion:152 Resp: 562

Ion	Ratio	Lower	Upper
152	100		
150	132.6	122.5	183.7
115	68.4	57.4	86.2

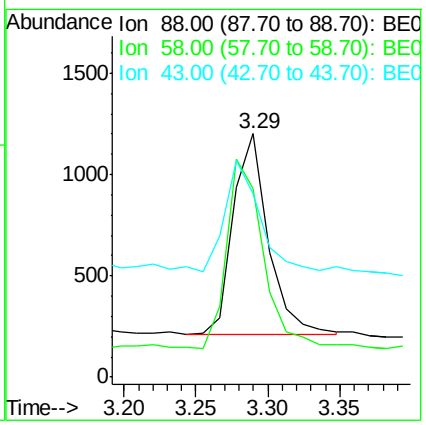


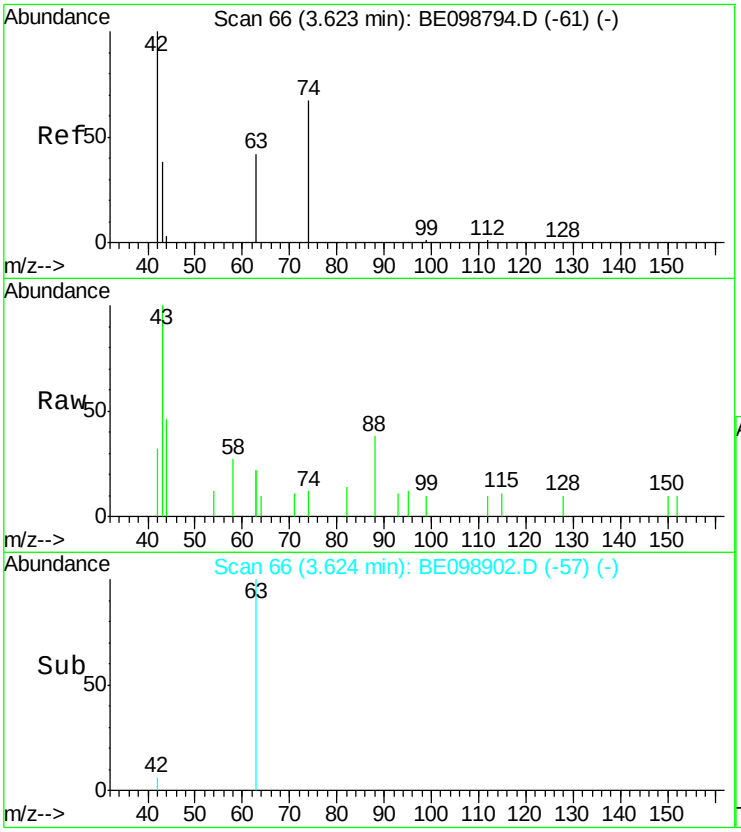


#2
1,4-Dioxane
Concen: 1.819 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Tgt Ion: 88 Resp: 1664

Ion	Ratio	Lower	Upper
88	100		
58	95.8	75.8	113.6
43	53.2	41.8	62.8



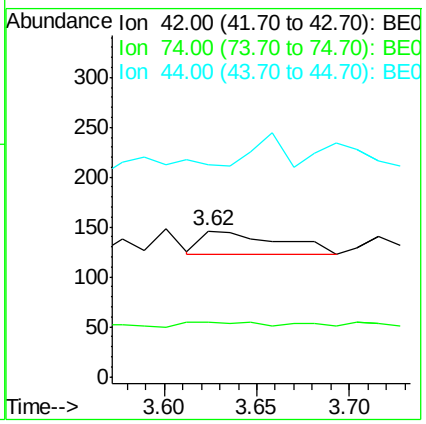


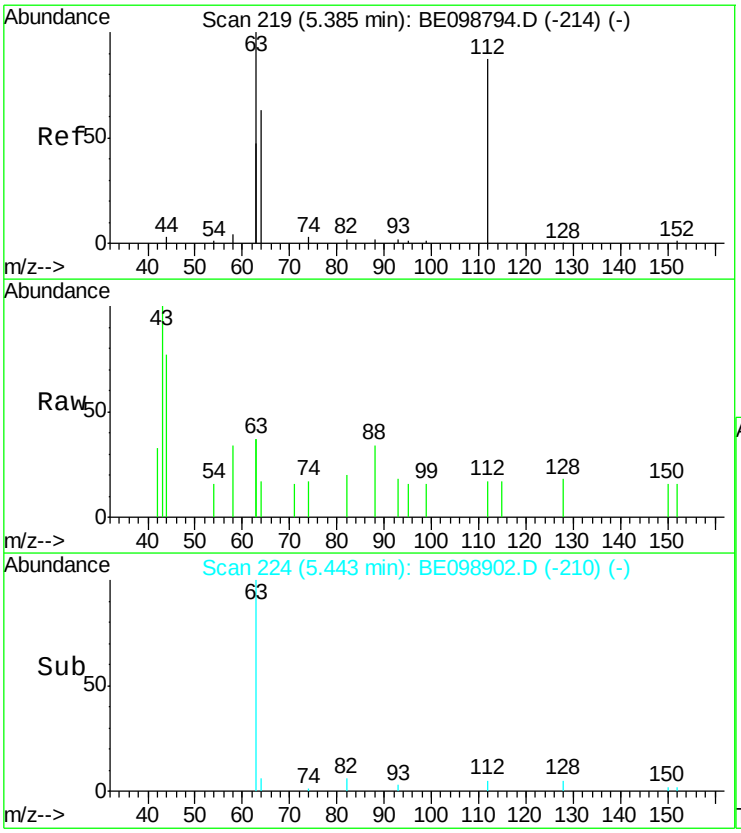
#3
n-Nitrosodimethylamine
Concen: 0.050 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion: 42 Resp: 71

Ion	Ratio	Lower	Upper
42	100		
74	21.1	57.0	85.4#
44	0.0	0.0	0.0

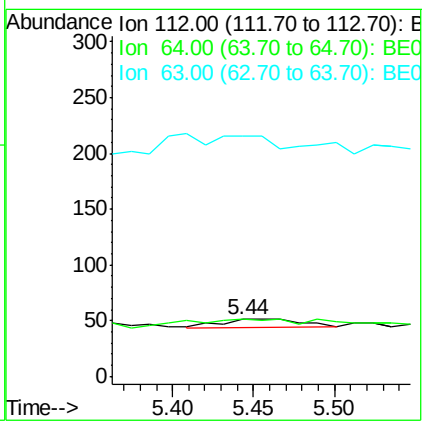


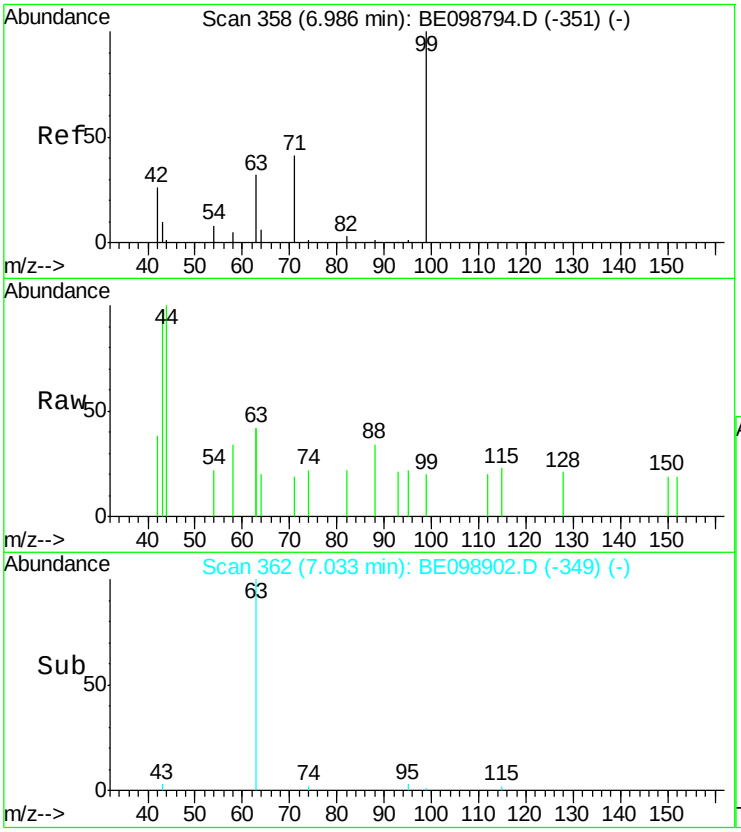


#4
2-Fluorophenol
Concen: 0.014 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.06 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Tgt Ion:112 Resp: 23

Ion	Ratio	Lower	Upper
112	100		
64	0.0	57.9	86.9#
63	173.9	158.3	237.5



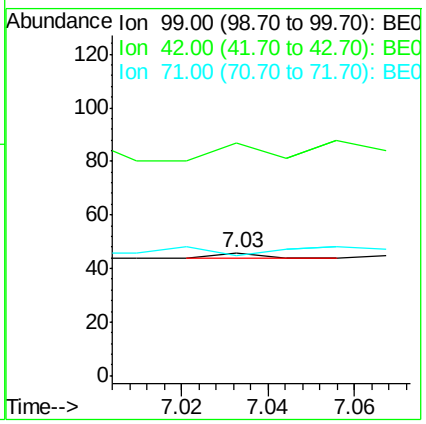


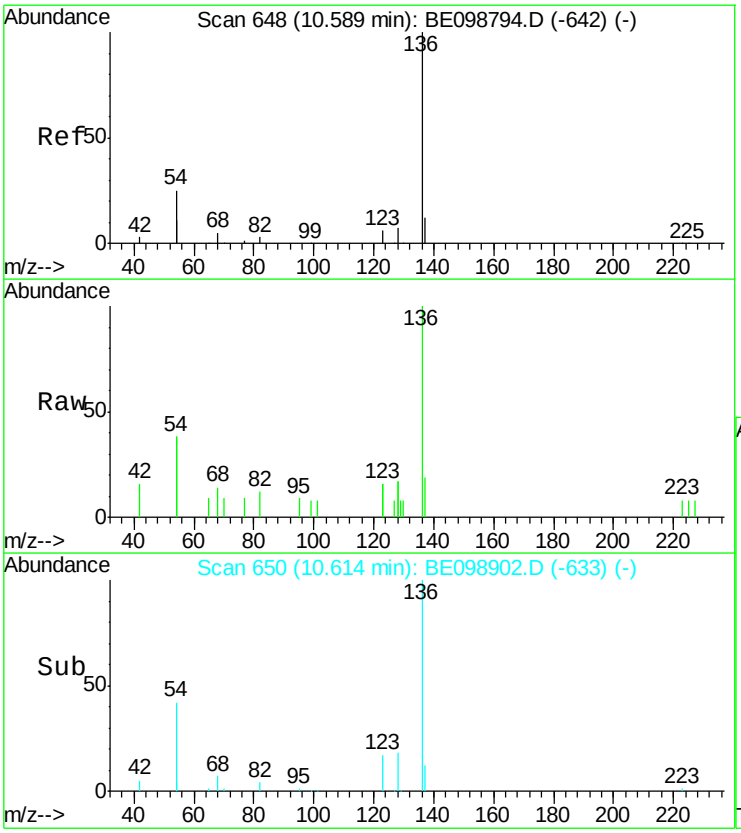
#5
Phenol-d6
Concen: 0.000 ng
RT: 7.03 min Scan# 362
Delta R.T. 0.05 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion: 99 Resp: 1

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	200.0	35.7	53.5#

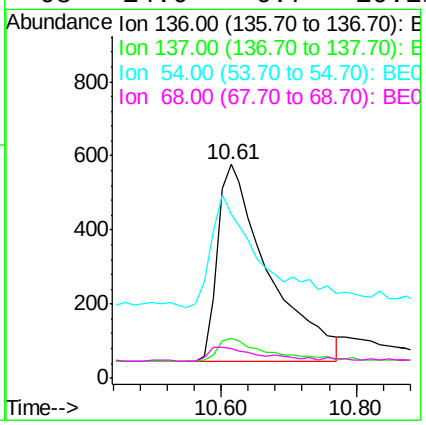


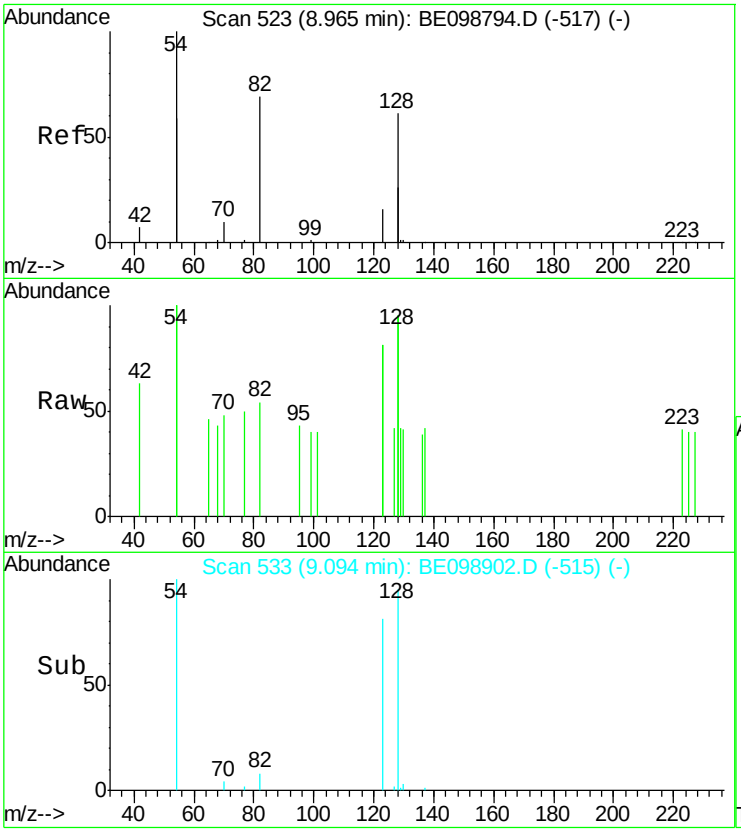


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.03 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Tgt Ion:136 Resp: 2822

Ion	Ratio	Lower	Upper
136	100		
137	18.5	11.4	17.0#
54	76.6	39.3	58.9#
68	14.0	6.7	10.1#



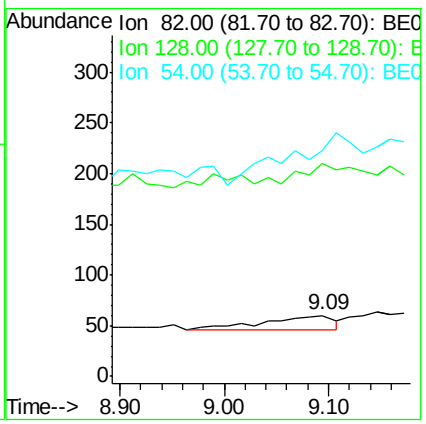


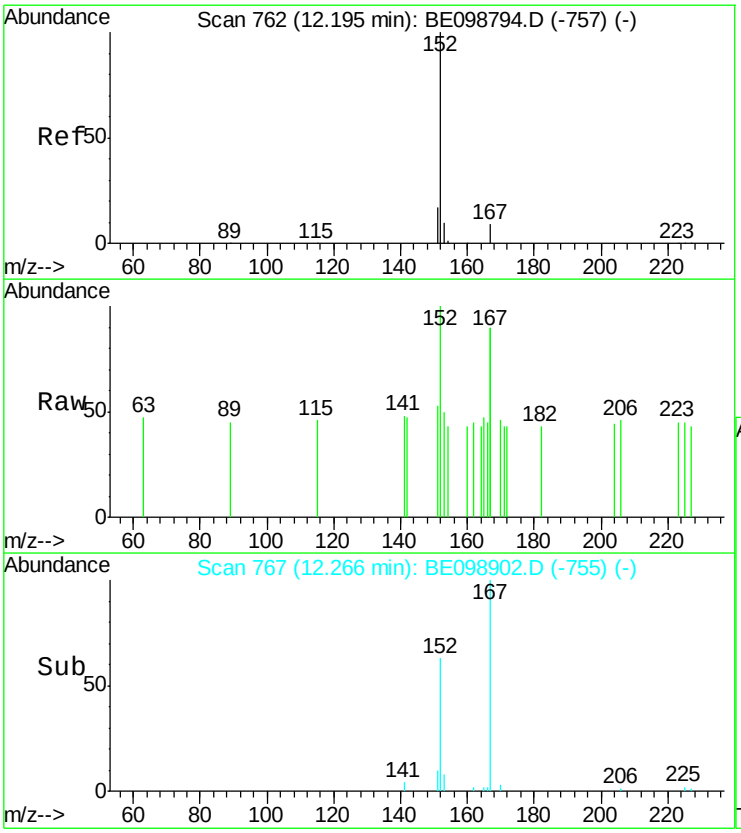
#8
Nitrobenzene-d5
Concen: 0.022 ng
RT: 9.09 min Scan# 533
Delta R.T. 0.13 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion: 82 Resp: 66

Ion	Ratio	Lower	Upper
82	100		
128	350.0	123.8	185.8#
54	370.0	203.4	305.2#

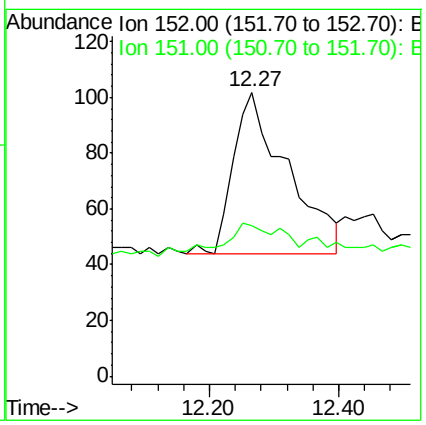


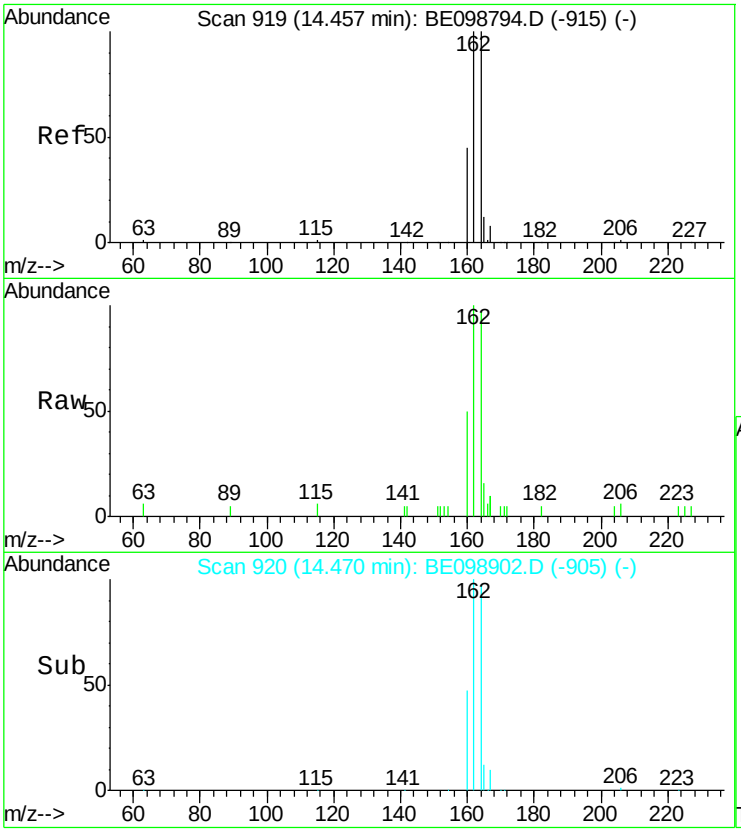


#11
2-Methylnaphthalene-d10
Concen: 0.064 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.07 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Tgt Ion:152 Resp: 334

Ion	Ratio	Lower	Upper
152	100		
151	15.0	16.5	24.7#



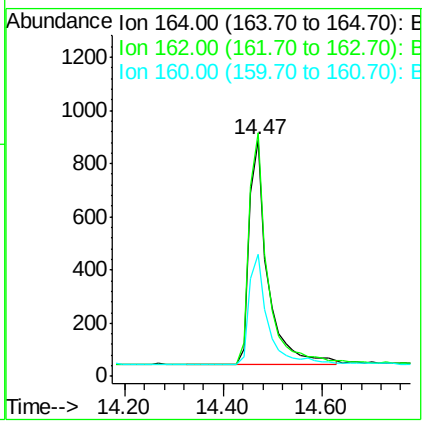


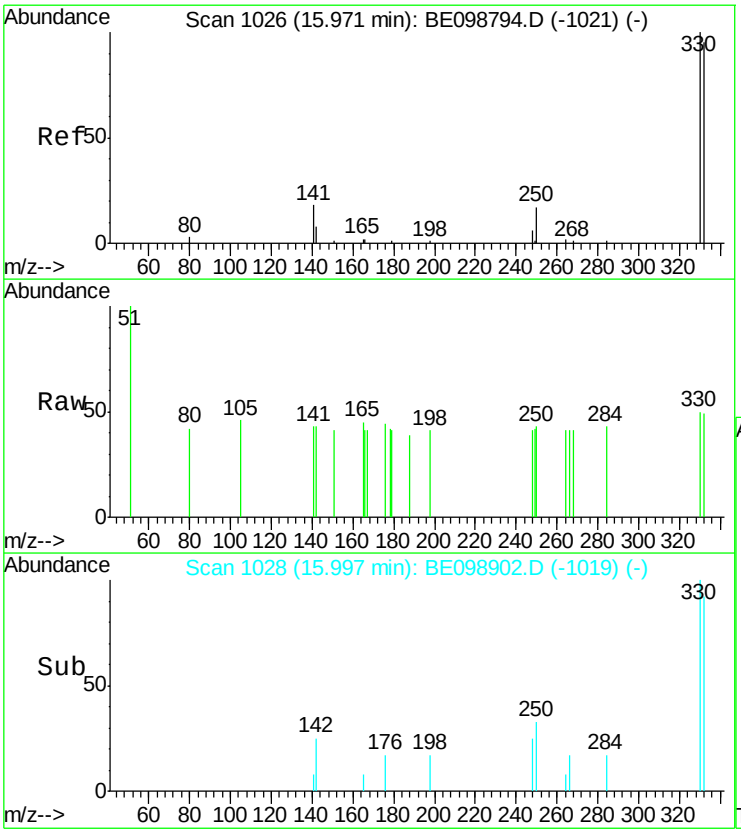
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion:164 Resp: 2232

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	51.5	37.8	56.8

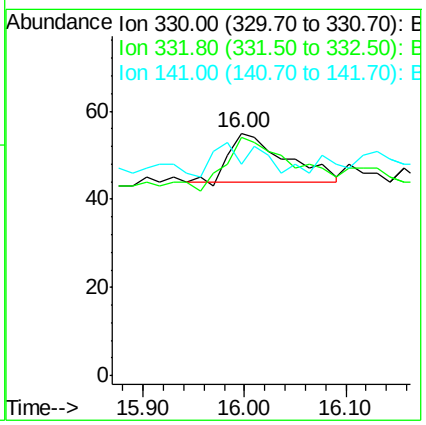


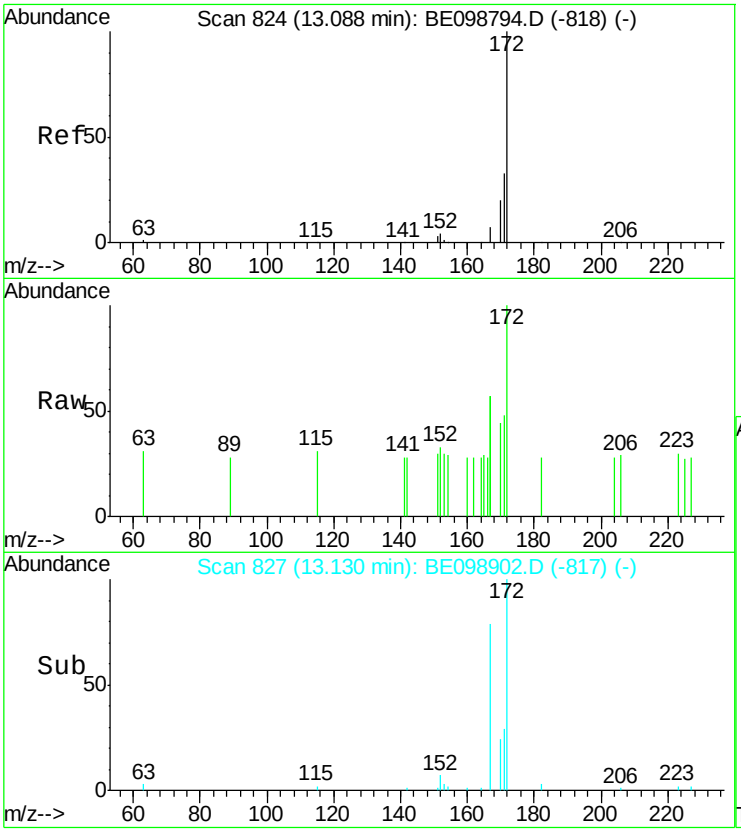


#14
2,4,6-Tribromophenol
Concen: 0.037 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Tgt Ion:330 Resp: 42

Ion	Ratio	Lower	Upper
330	100		
332	131.0	77.6	116.4#
141	64.3	31.0	46.4#



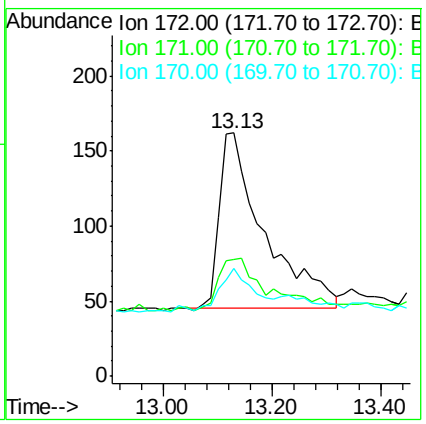


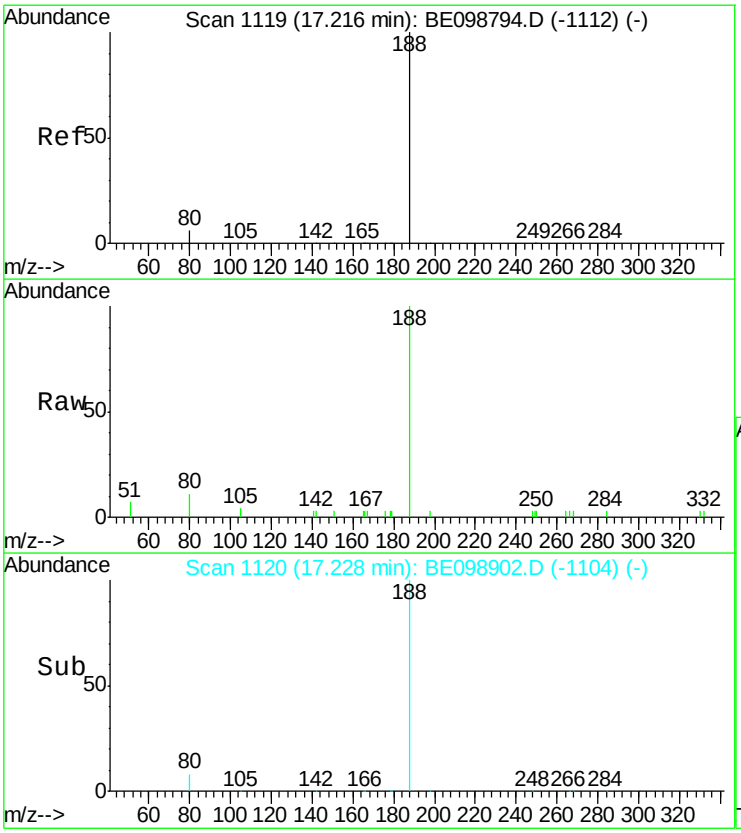
#15
2-Fluorobiphenyl
Concen: 0.073 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.04 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion:172 Resp: 673

Ion	Ratio	Lower	Upper
172	100		
171	48.1	28.0	42.0#
170	44.4	17.7	26.5#

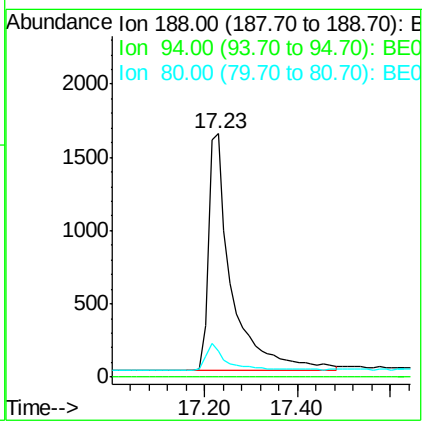


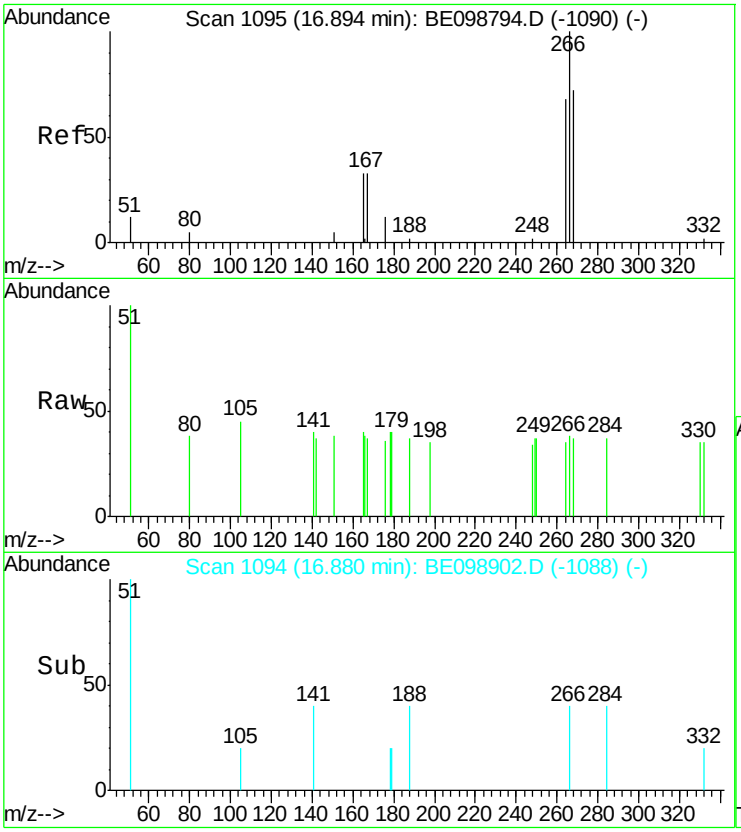


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Tgt Ion:188 Resp: 5591

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	6.3	9.5#



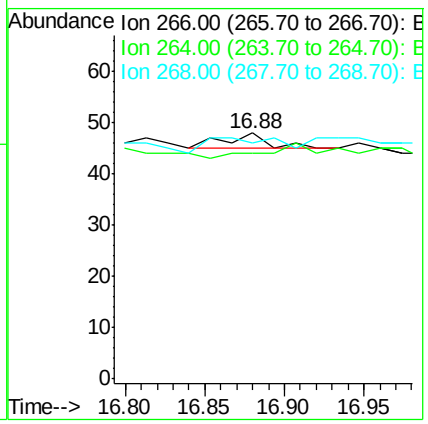


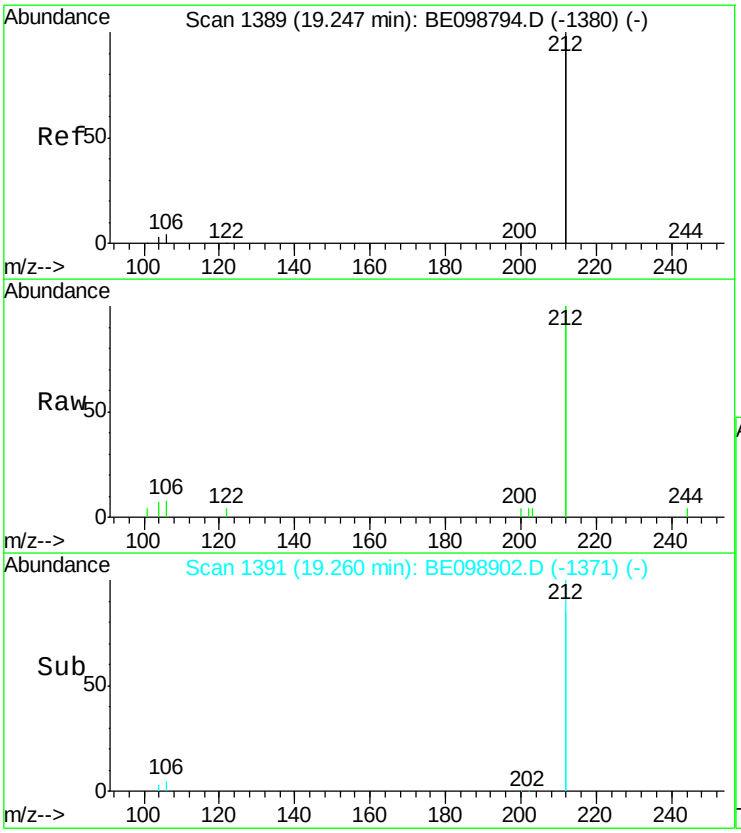
#22
Pentachlorophenol
Concen: 0.269 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	91.7	66.6	100.0
268	95.8	69.8	104.8

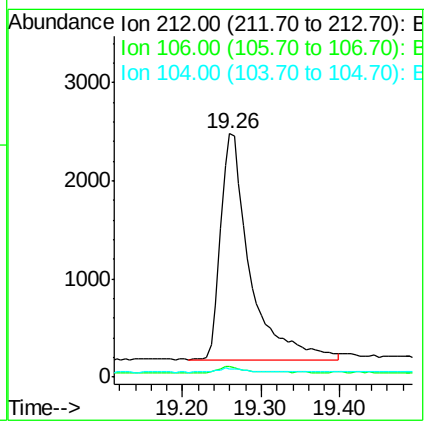


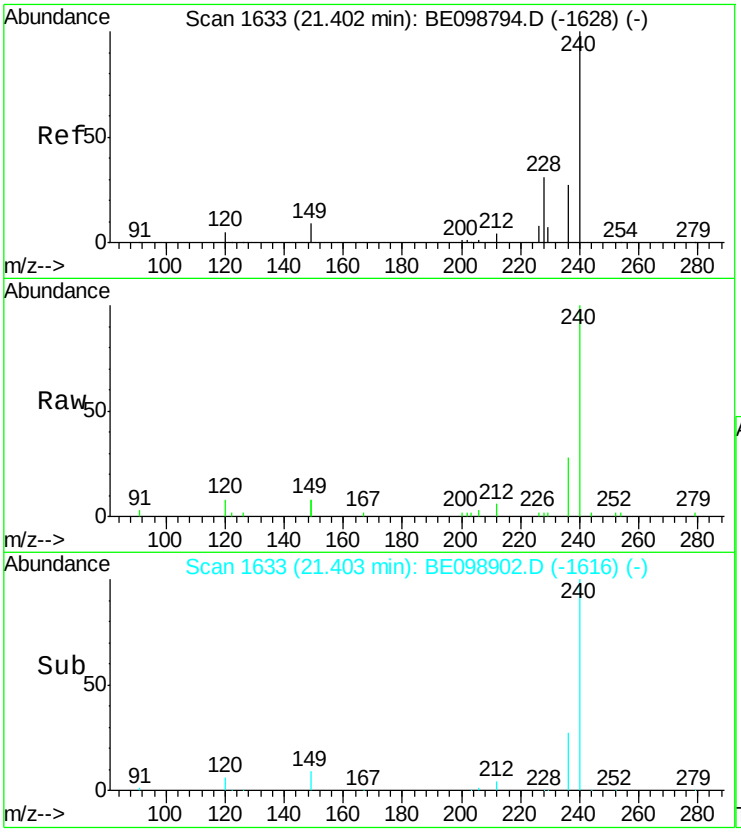


#25
Fluoranthene-d10
Concen: 0.067 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Tgt Ion:212 Resp: 5941

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.9	1.0	1.6#



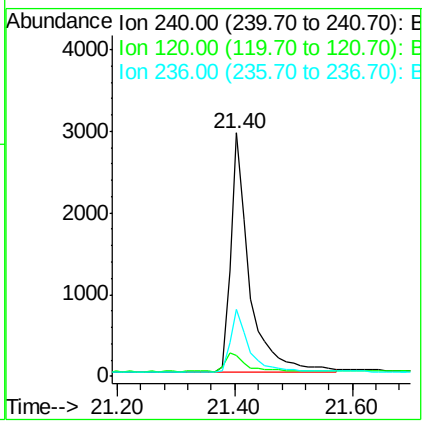


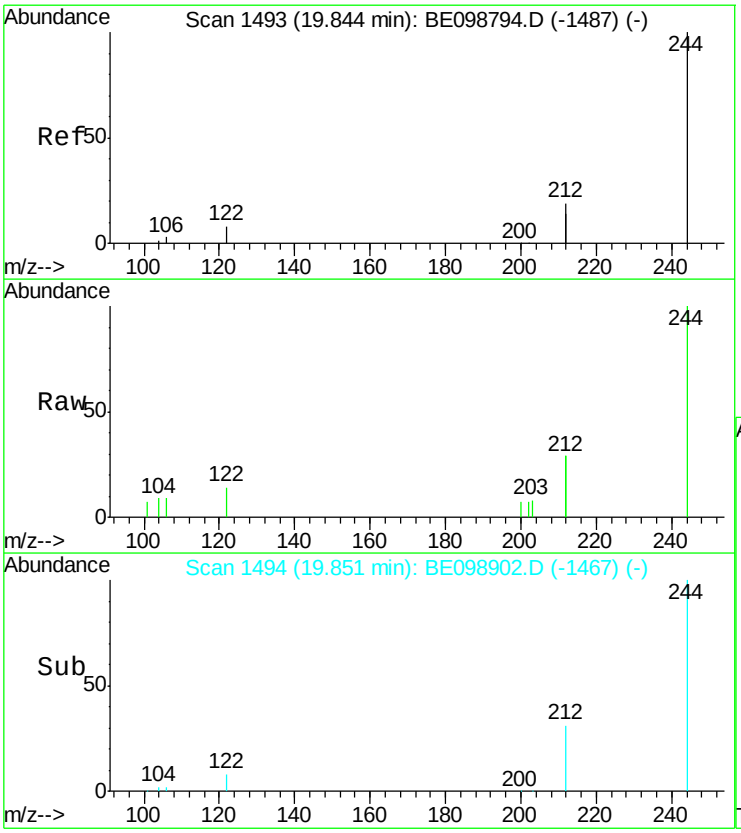
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion:240 Resp: 6491

Ion	Ratio	Lower	Upper
240	100		
120	8.5	5.0	7.4#
236	27.7	22.7	34.1

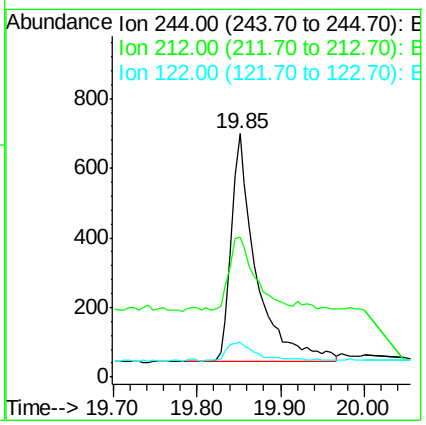


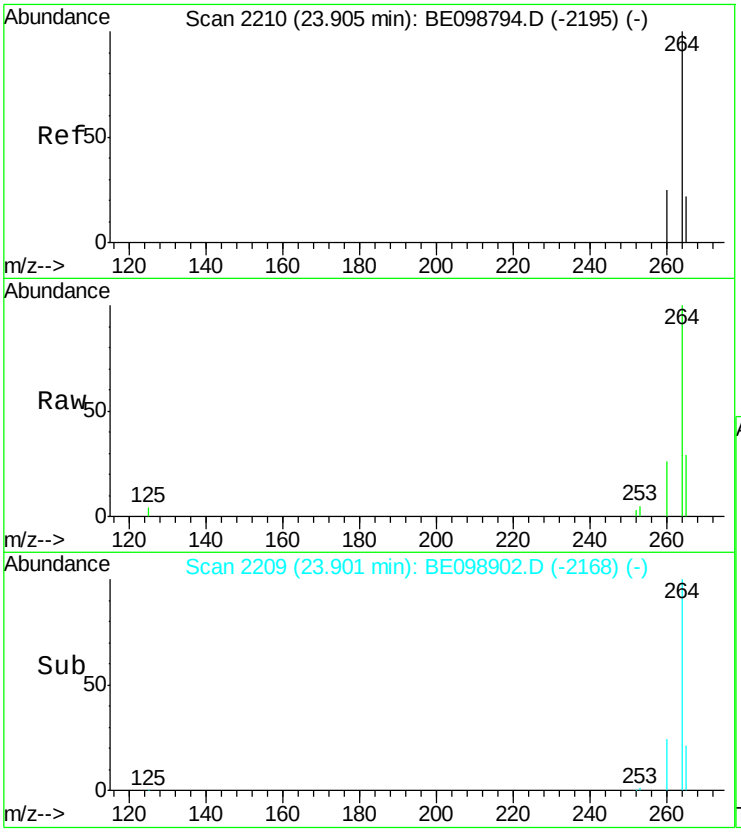


#29
Terphenyl-d14
Concen: 0.087 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Tgt Ion:244 Resp: 1366

Ion	Ratio	Lower	Upper
244	100		
212	57.5	29.4	44.2#
122	14.2	7.1	10.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098902.D
Acq: 12 Mar 2019 17:40

Instrument :
BNA_E
ClientSampleId :
TT101D-20190307DL

Tgt Ion:264 Resp: 6307

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.2	31.8
265	28.8	24.6	36.8