Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
Data File : BE098831.D
Acq On : 8 Mar 2019 10:42
Operator : JU/SJ
Sample : PB117716BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB117716BL

Quant Time: Mar 08 12:37:49 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	7.79	152	649	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2675	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1973	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	5303	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6373	0.40	ng	0.00
34) Perylene-d12	23.90	264	6438	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	448	0.23	ng	0.01
5) Phenol-d6	7.02	99	571	0.21	ng	0.04
8) Nitrobenzene-d5	9.03	82	333	0.12	ng	0.07
11) 2-Methylnaphthalene-d10	12.22	152	1143	0.23	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	158	0.16	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	1773	0.22	ng	0.01
25) Fluoranthene-d10	19.25	212	18539	0.22	ng	0.00
29) Terphenyl-d14	19.85	244	3724	0.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	12	Below Cal	#	1
3) n-Nitrosodimethylamine	3.65	42	59	0.036	ng	# 14
6) bis(2-Chloroethyl)ether	7.17	93	50	0.024	ng	# 1
22) Pentachlorophenol	16.87	266	6	0.270	ng	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
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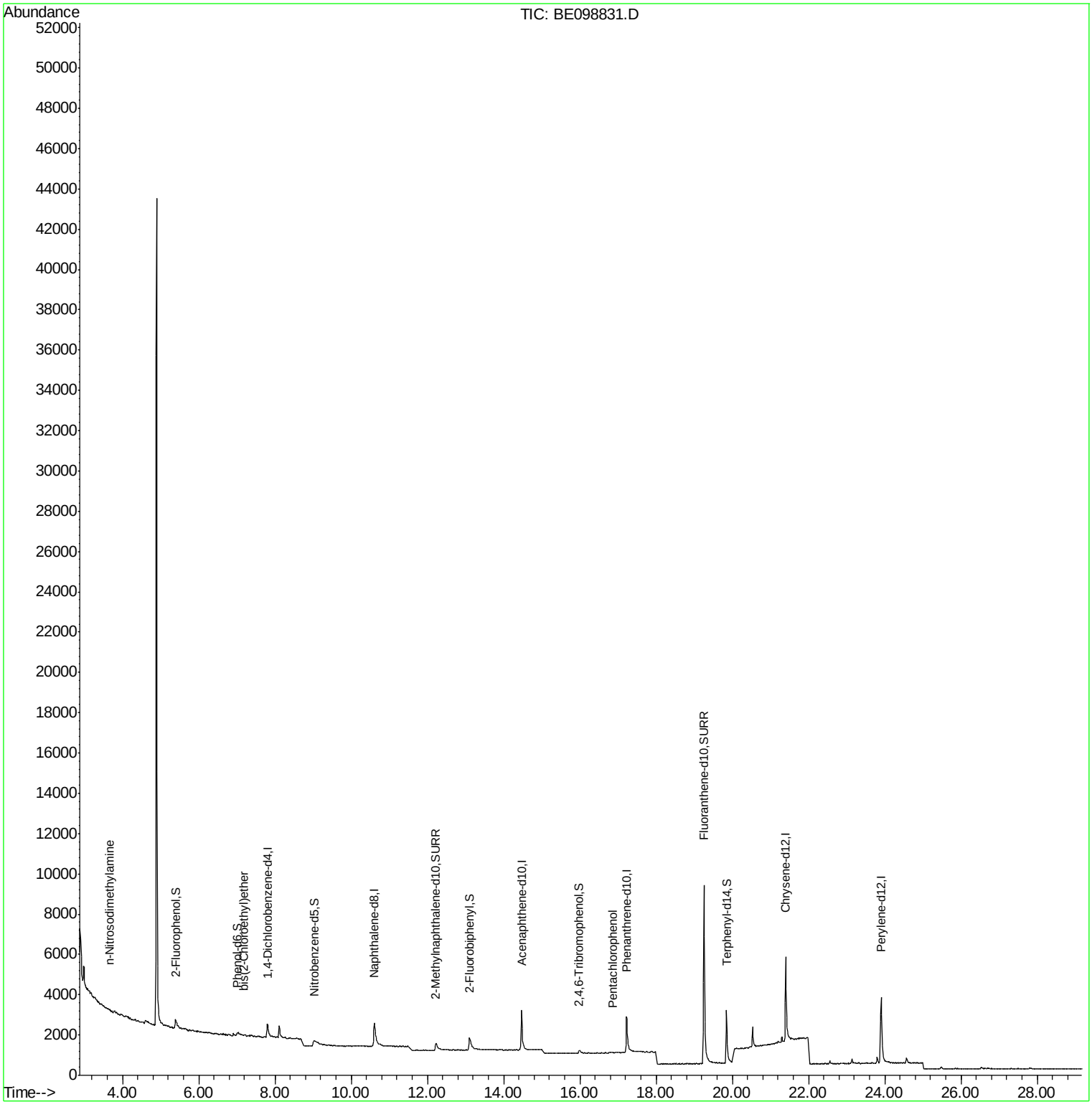
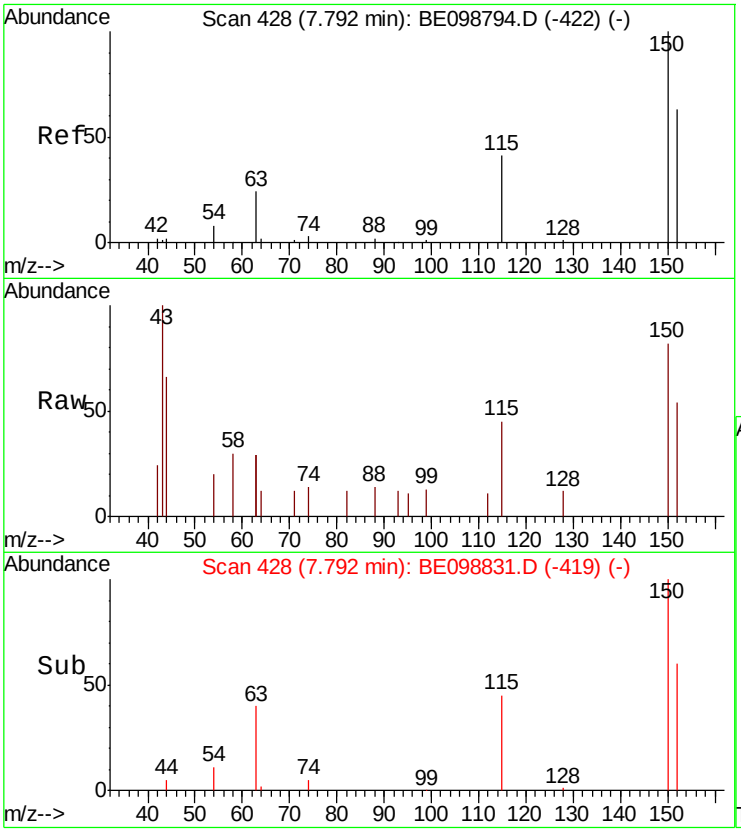
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



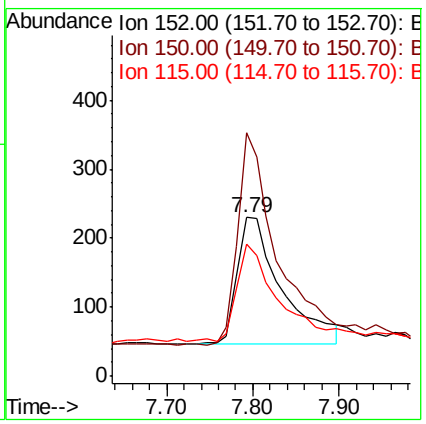


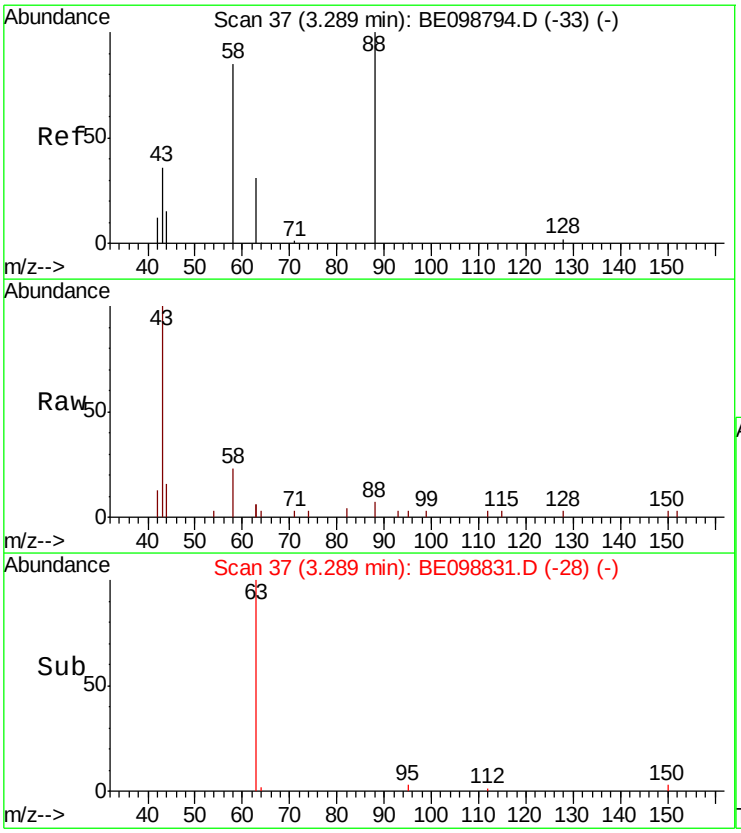
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion:152 Resp: 649

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.5	183.7
115	83.0	57.4	86.2

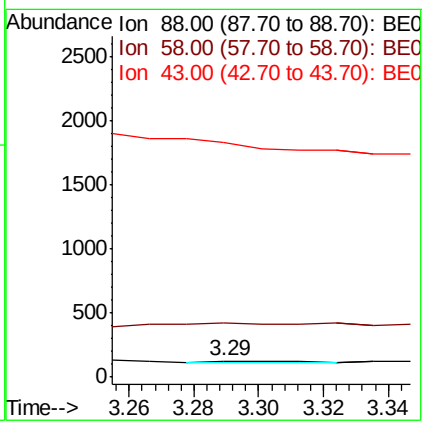


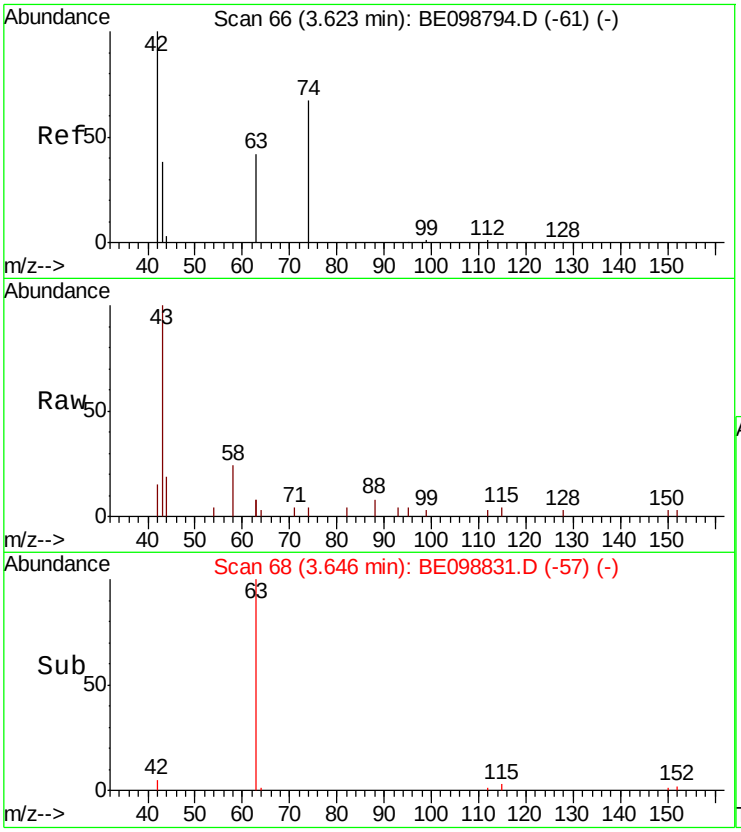


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion: 88 Resp: 12

Ion	Ratio	Lower	Upper
88	100		
58	433.3	75.8	113.6#
43	0.0	41.8	62.8#



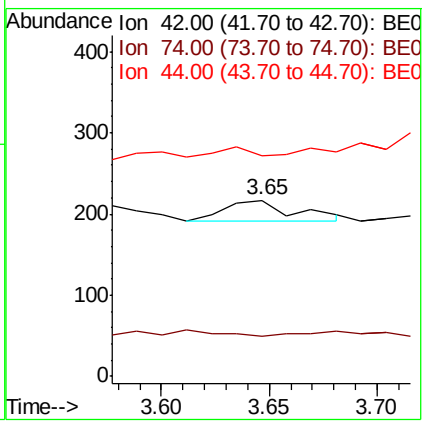


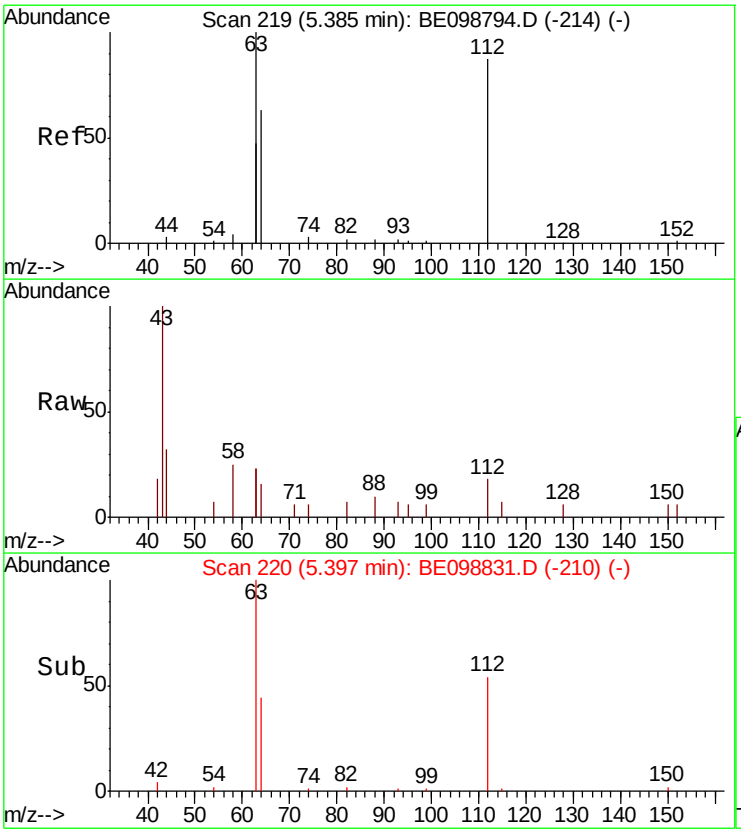
#3
n-Nitrosodimethylamine
Concen: 0.036 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.02 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion: 42 Resp: 59

Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	22.0	0.0	0.0#

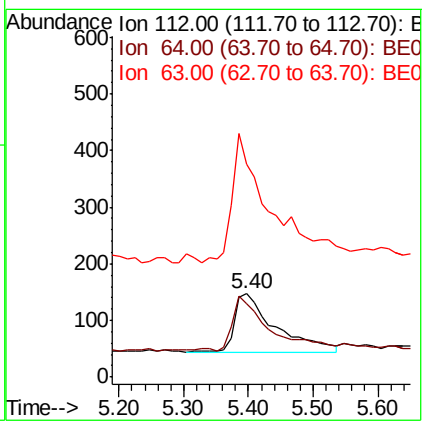


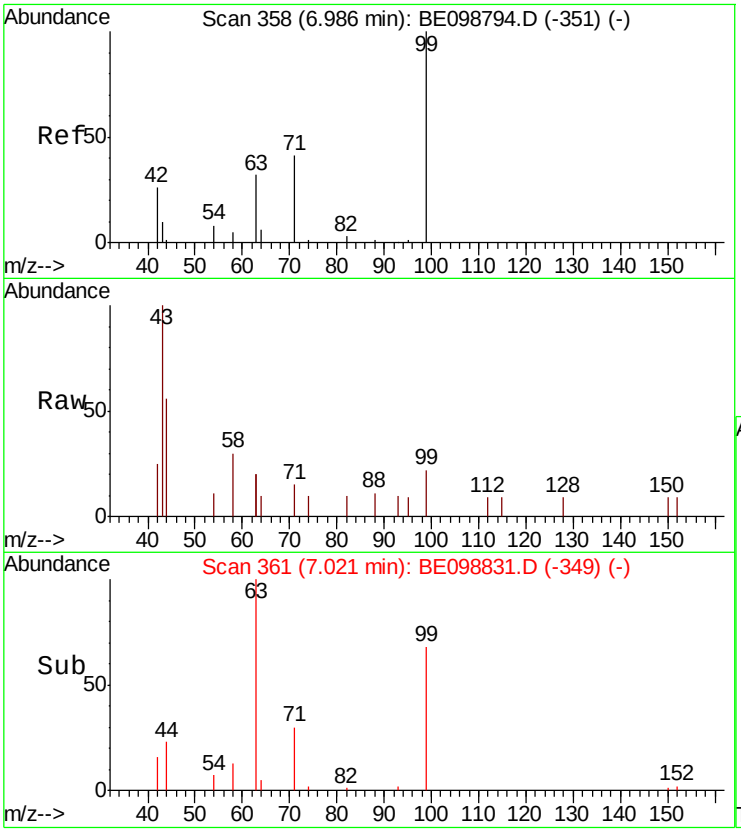


#4
2-Fluorophenol
Concen: 0.231 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion:112 Resp: 448

Ion	Ratio	Lower	Upper
112	100		
64	83.7	57.9	86.9
63	216.3	158.3	237.5



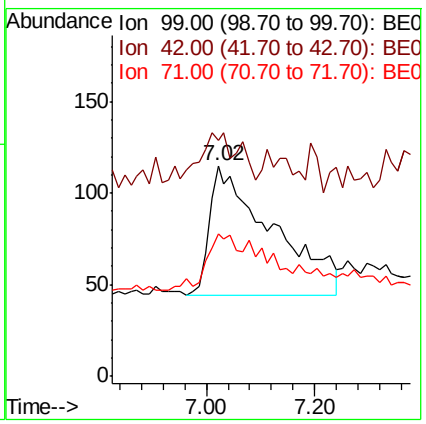


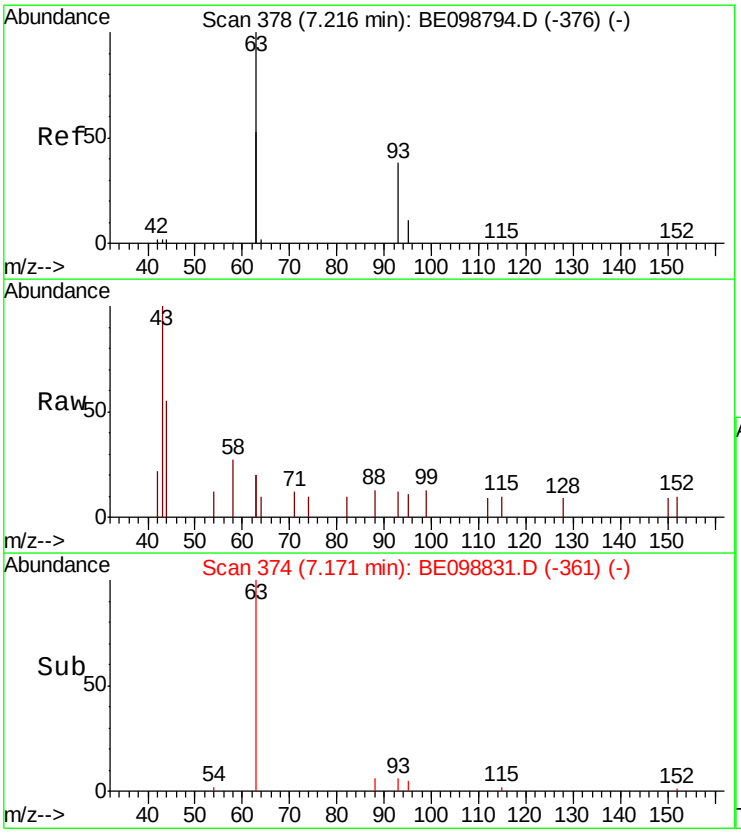
#5
Phenol-d6
Concen: 0.208 ng
RT: 7.02 min Scan# 361
Delta R.T. 0.04 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion: 99 Resp: 571

Ion	Ratio	Lower	Upper
99	100		
42	25.6	24.2	36.2
71	22.6	35.7	53.5#

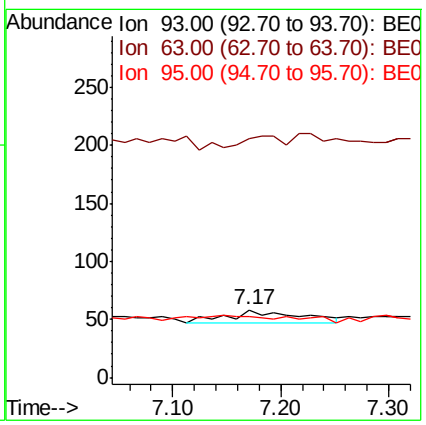


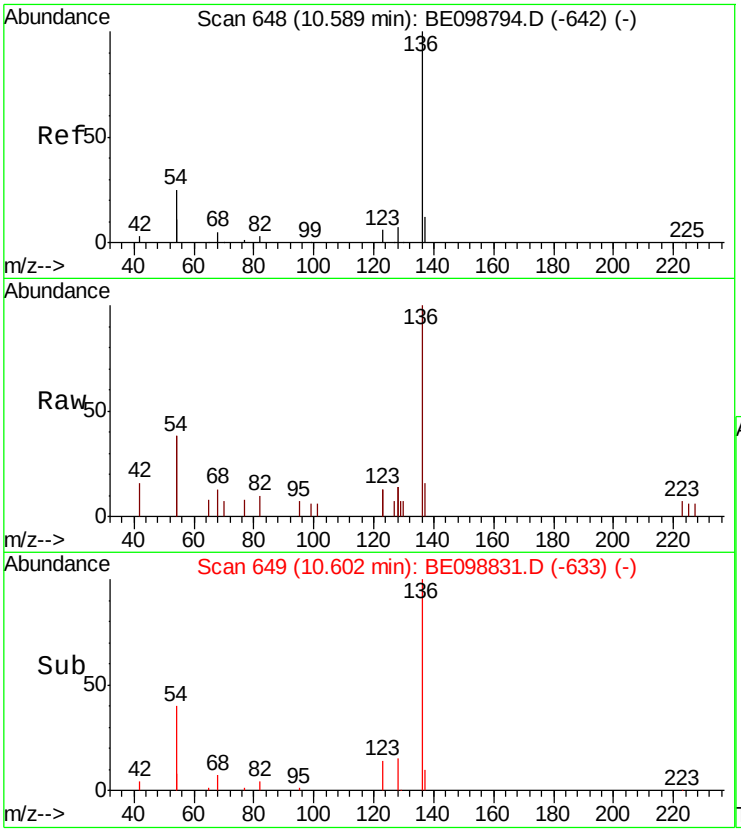


#6
bis(2-Chloroethyl)ether
Concen: 0.024 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.05 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion: 93 Resp: 50

Ion	Ratio	Lower	Upper
93	100		
63	44.0	247.5	371.3#
95	0.0	21.8	32.8#



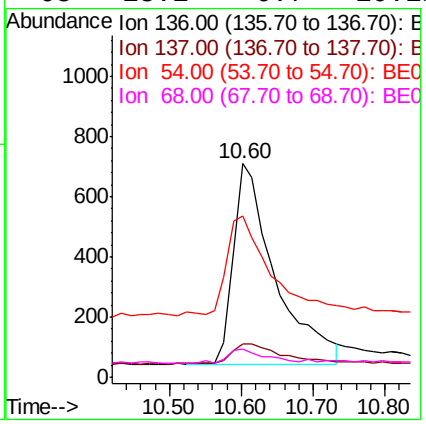


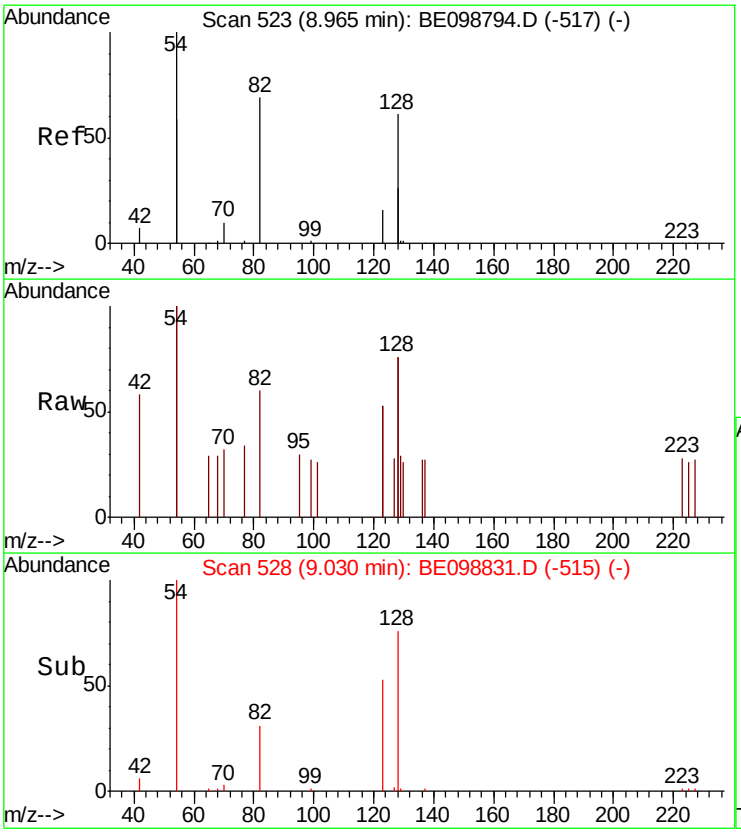
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion:136 Resp: 2675

Ion	Ratio	Lower	Upper
136	100		
137	15.6	11.4	17.0
54	75.8	39.3	58.9#
68	13.1	6.7	10.1#

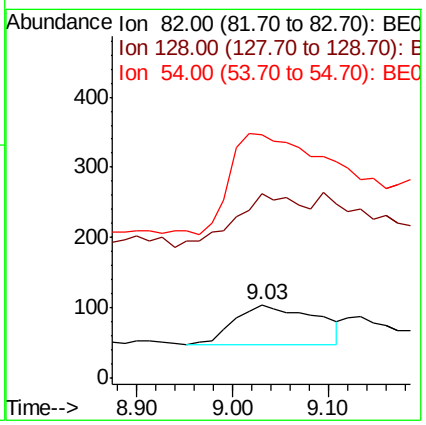


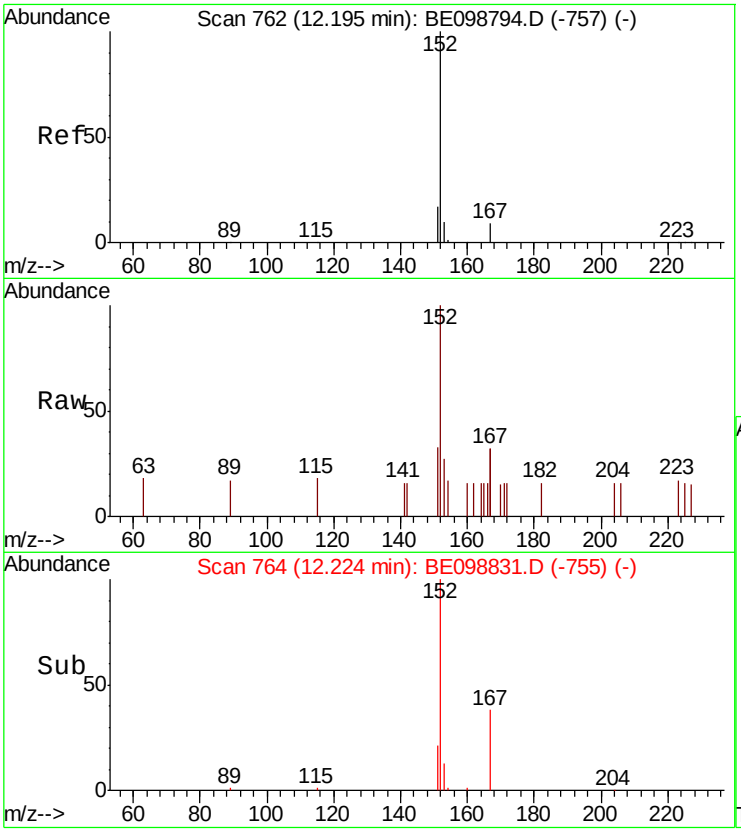


#8
Nitrobenzene-d5
Concen: 0.119 ng
RT: 9.03 min Scan# 528
Delta R.T. 0.07 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion: 82 Resp: 333

Ion	Ratio	Lower	Upper
82	100		
128	251.9	123.8	185.8#
54	332.7	203.4	305.2#



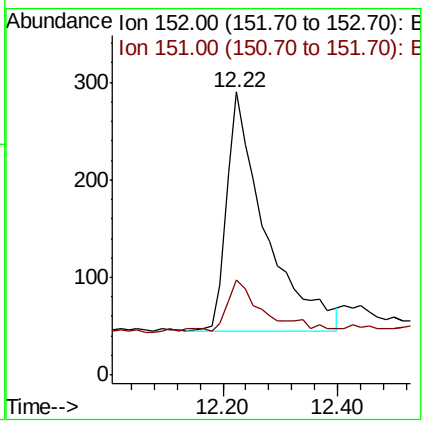


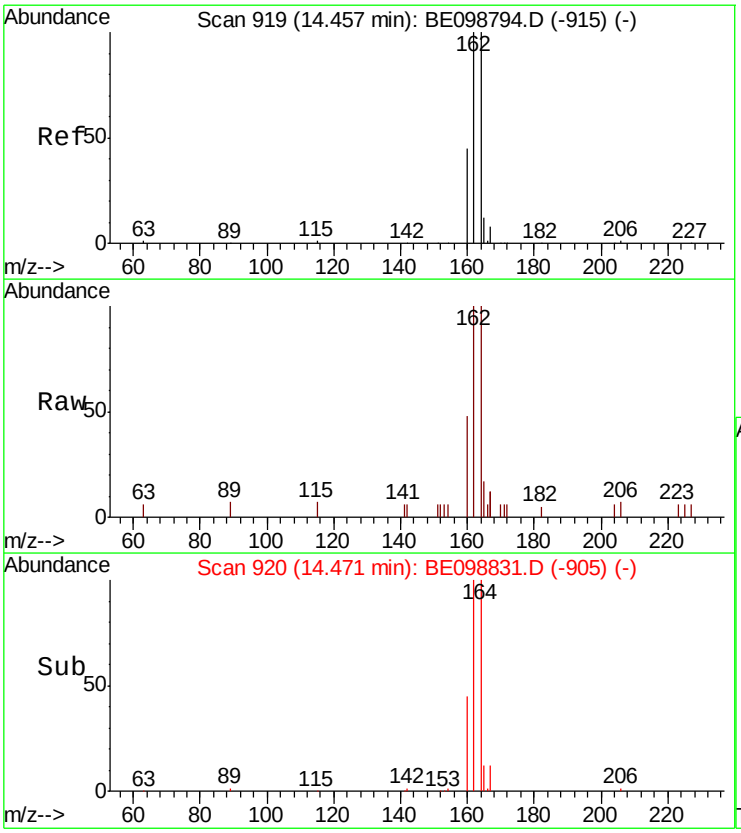
#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.03 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion:152 Resp: 1143

Ion	Ratio	Lower	Upper
152	100		
151	17.2	16.5	24.7

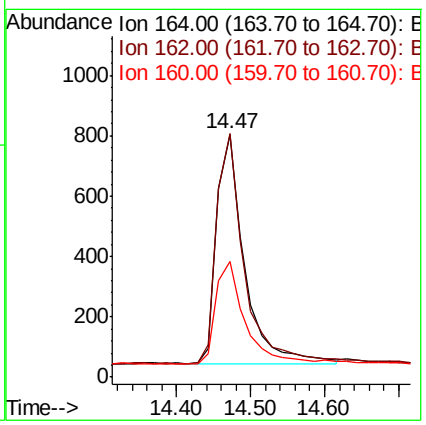


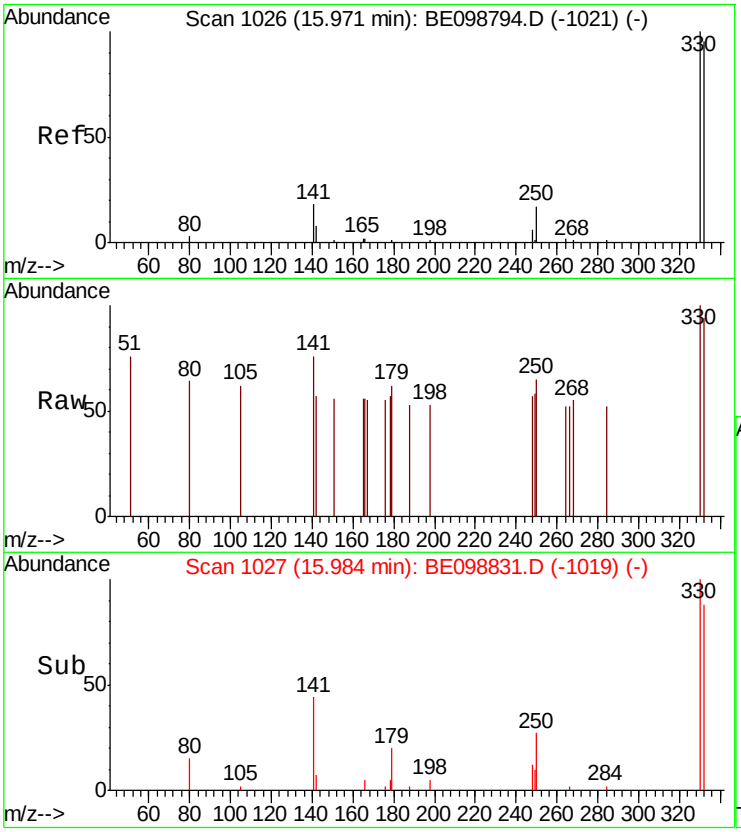


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion:164 Resp: 1973

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	47.8	37.8	56.8



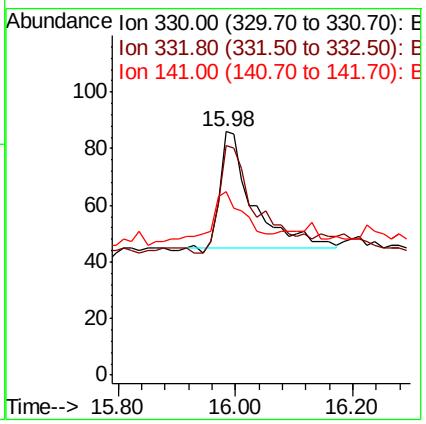


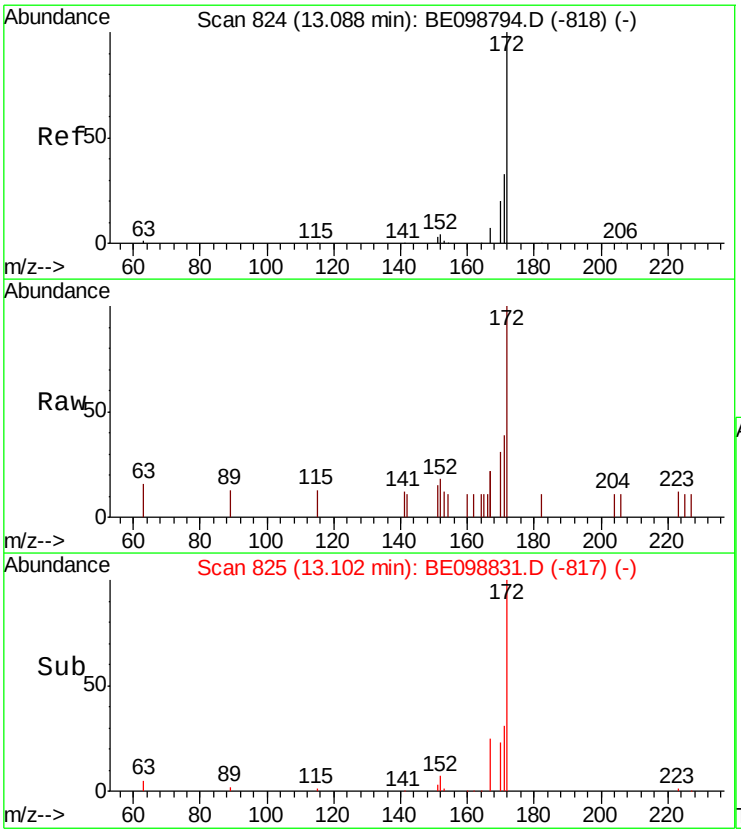
#14
2,4,6-Tribromophenol
Concen: 0.159 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion:330 Resp: 158

Ion	Ratio	Lower	Upper
330	100		
332	110.1	77.6	116.4
141	31.6	31.0	46.4

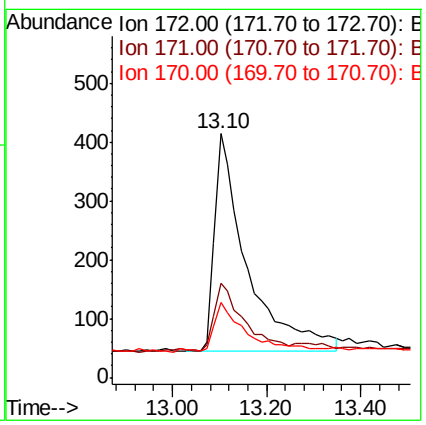


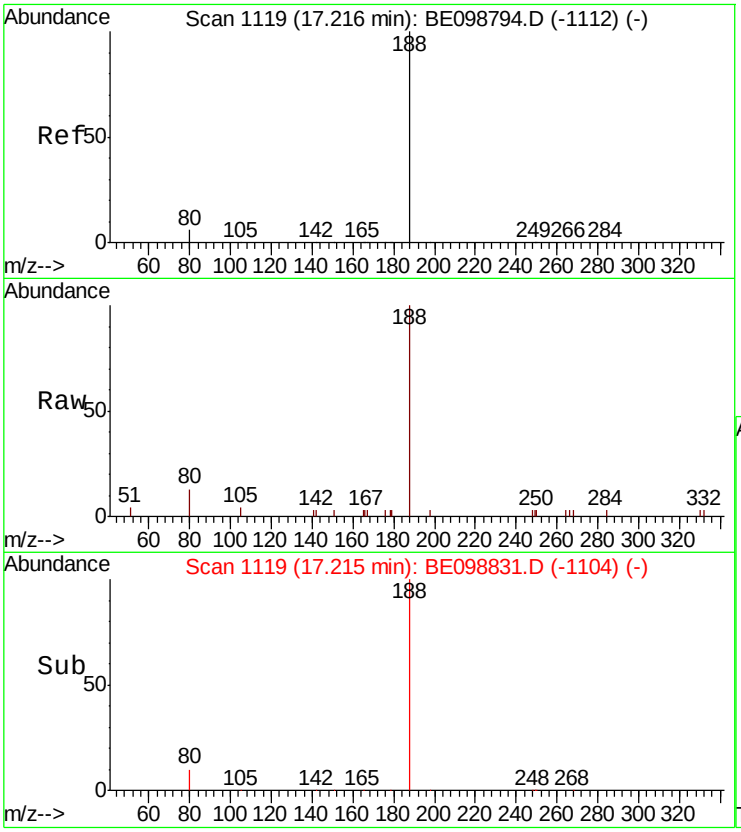


#15
2-Fluorobiphenyl
Concen: 0.217 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion:172 Resp: 1773

Ion	Ratio	Lower	Upper
172	100		
171	38.6	28.0	42.0
170	30.9	17.7	26.5#



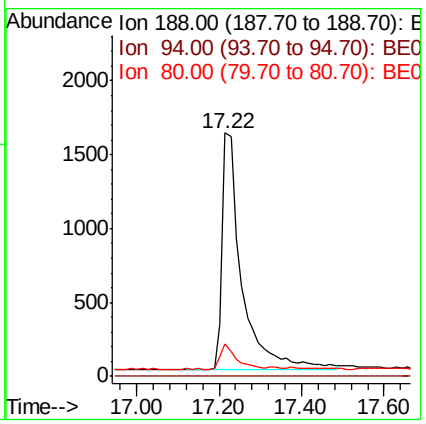


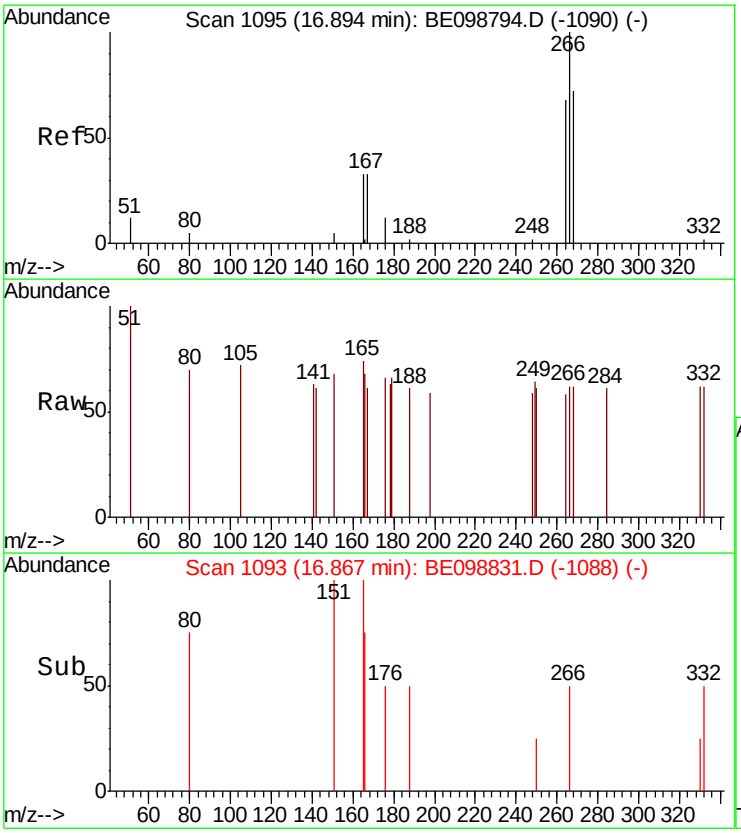
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion:188 Resp: 5303

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	6.3	9.5#

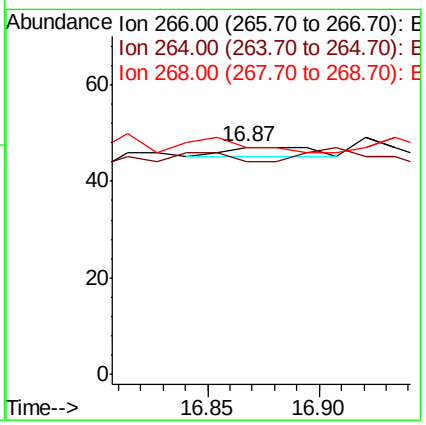


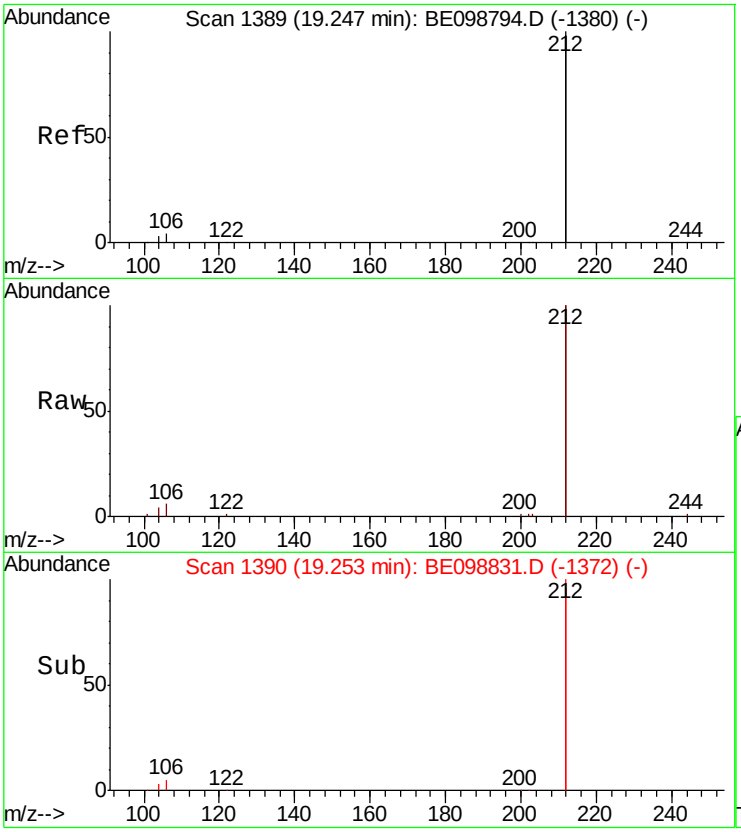


#22
Pentachlorophenol
Concen: 0.270 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	93.6	66.6	100.0
268	100.0	69.8	104.8



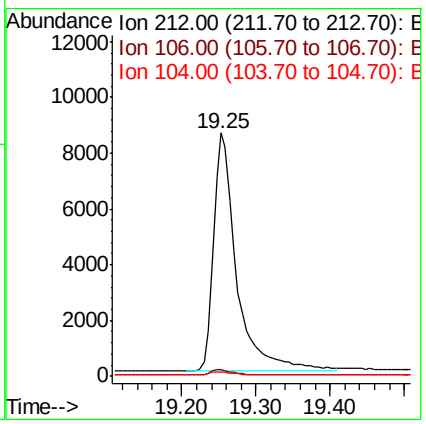


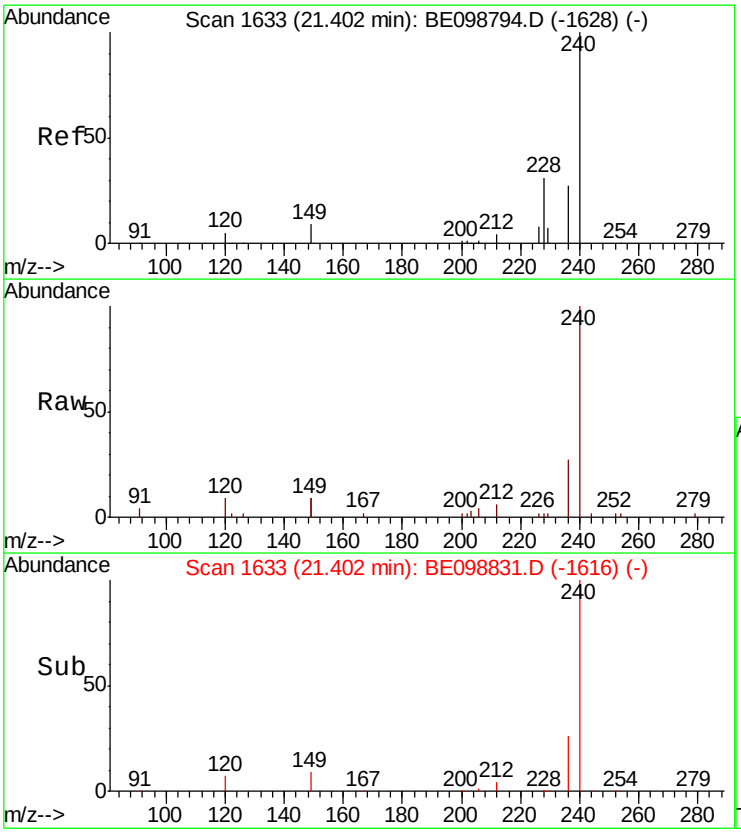
#25
Fluoranthene-d10
Concen: 0.219 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion:212 Resp: 18539

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.3	1.0	1.6

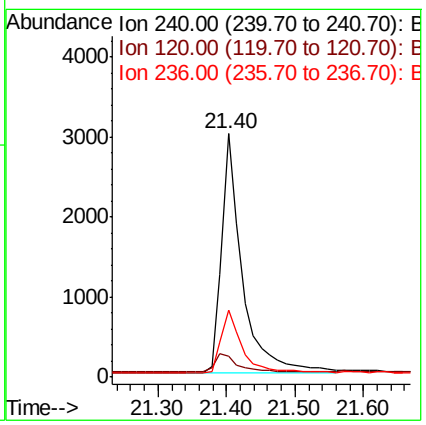


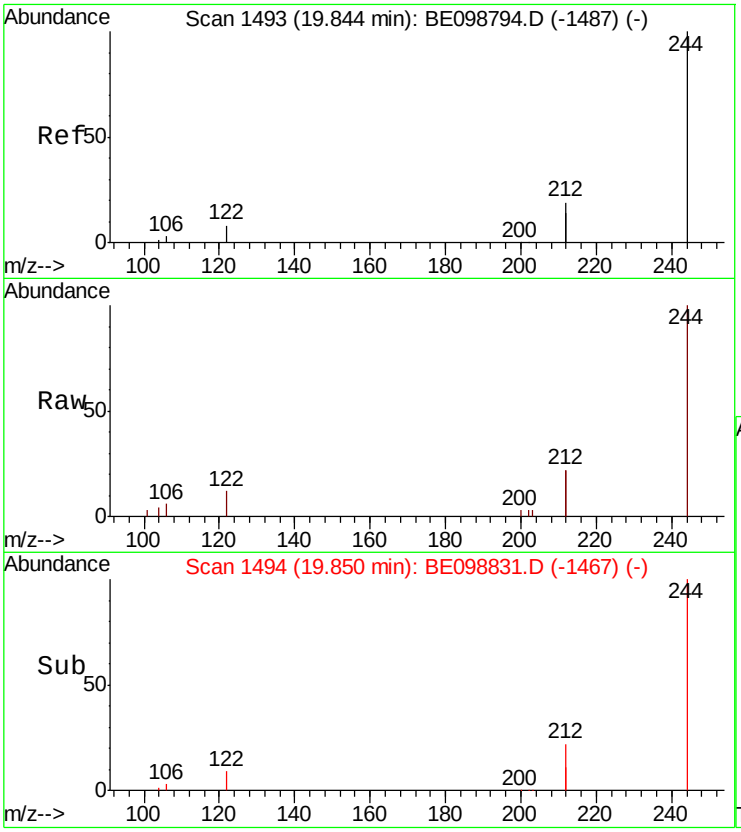


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion:240 Resp: 6373

Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.0	7.4#
236	27.5	22.7	34.1



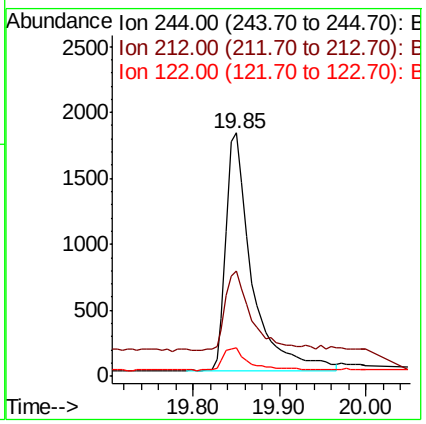


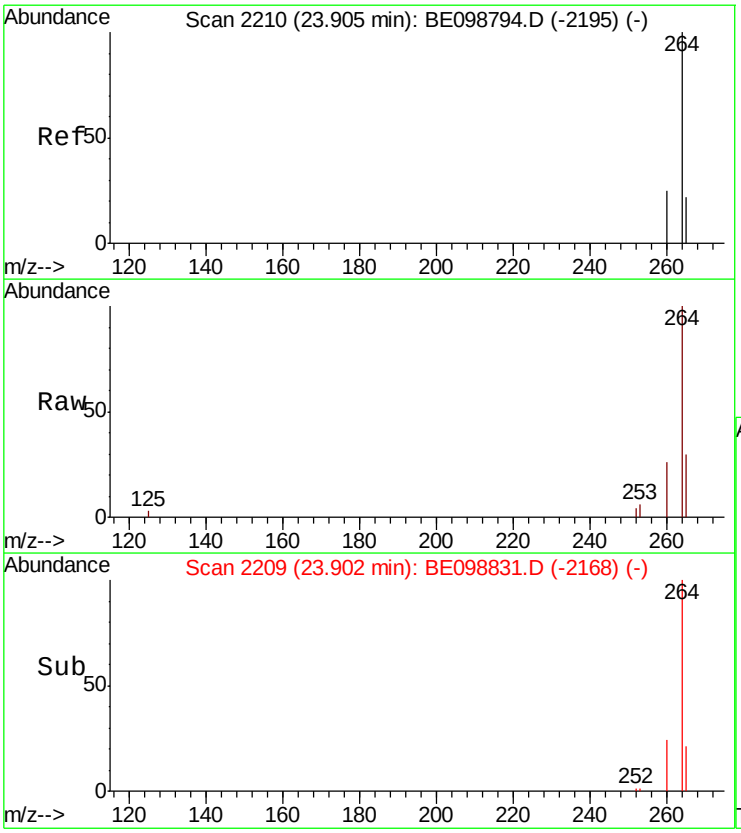
#29
Terphenyl-d14
Concen: 0.240 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098831.D
Acq: 8 Mar 2019 10:42

Instrument :
BNA_E
ClientSampleId :
PB117716BL

Tgt Ion:244 Resp: 3724

Ion	Ratio	Lower	Upper
244	100		
212	43.4	29.4	44.2
122	11.7	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: BE098831.D
Acq: 8 Mar 2019 10:42

Tgt Ion:264 Resp: 6438

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	30.3	24.6	36.8