Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
Data File : BE098903.D
Acq On : 12 Mar 2019 18:19
Operator : JU/SJ
Sample : K1839-10DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : DUP03-20190308DL

Quant Time: Mar 13 08:05:11 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	7.80	152	551	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2741	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2163	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5587	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6341	0.40	ng	0.00
34) Perylene-d12	23.90	264	6098	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	32	0.02	ng	0.06
5) Phenol-d6	6.96	99	12	0.01	ng	-0.02
8) Nitrobenzene-d5	8.95	82	16	0.01	ng	-0.01
11) 2-Methylnaphthalene-d10	12.25	152	416	0.08	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	47	0.04	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	684	0.08	ng	0.03
25) Fluoranthene-d10	19.26	212	6149	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1636	0.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	1140	1.240	ng	92

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

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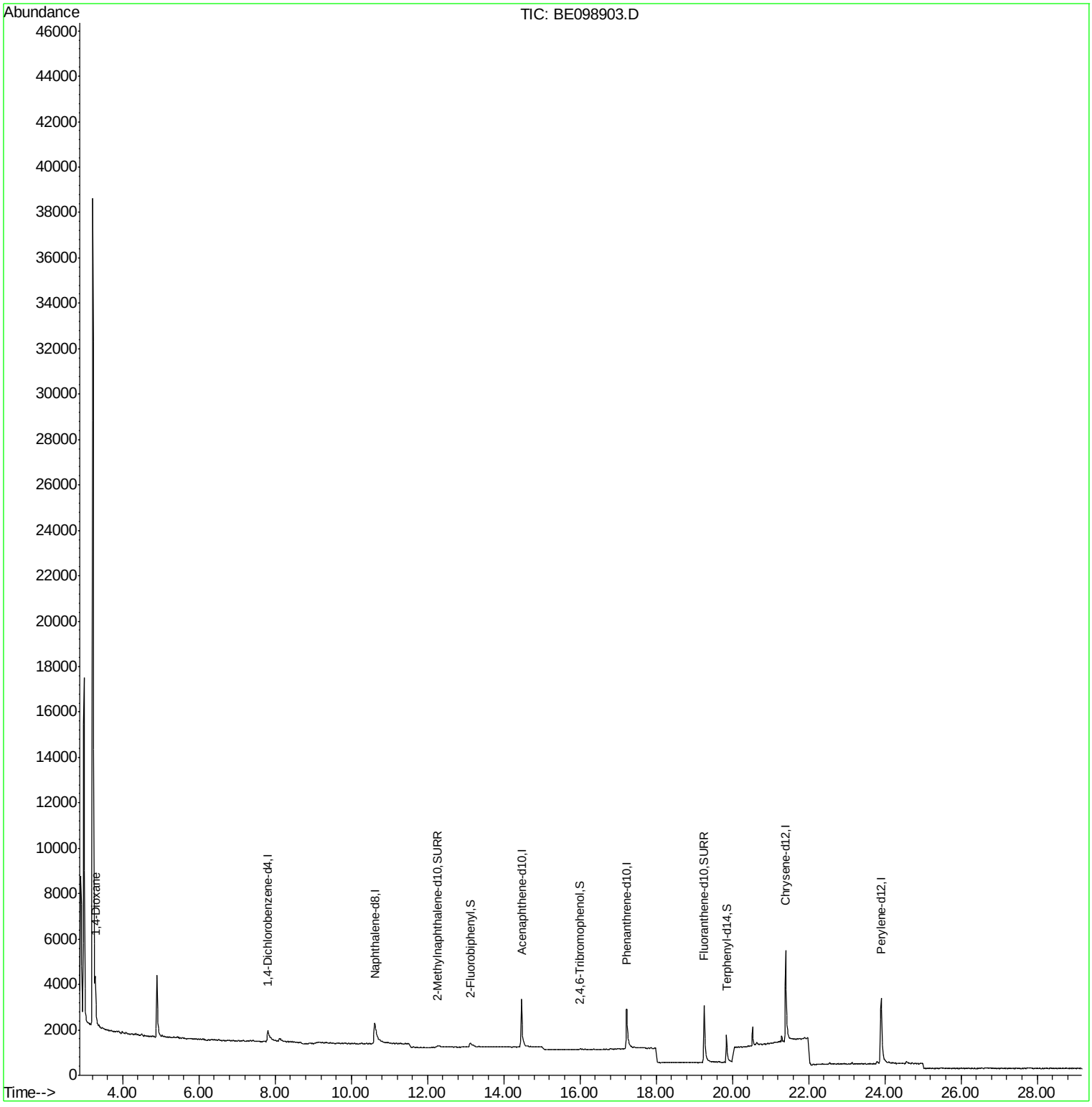
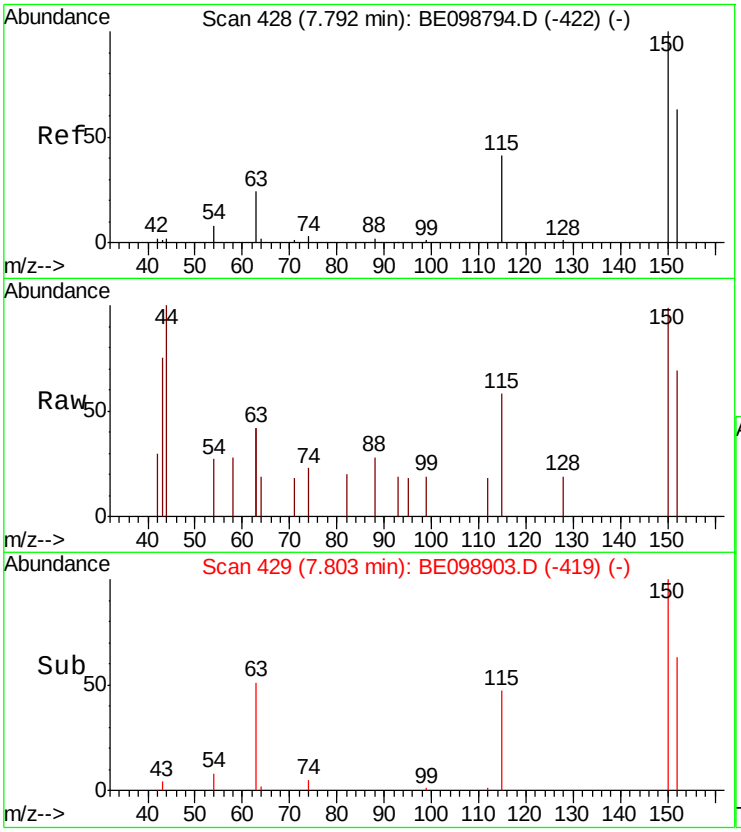
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



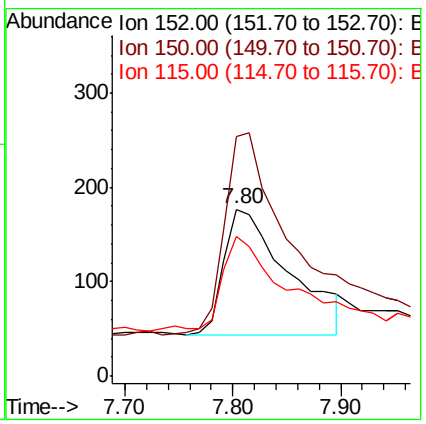


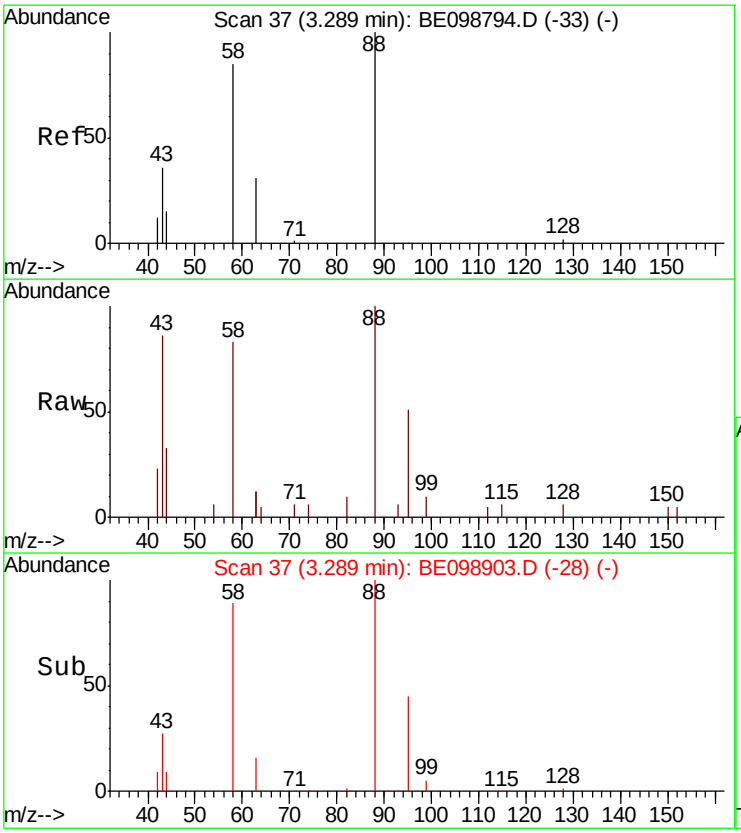
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tgt Ion:152 Resp: 551

Ion	Ratio	Lower	Upper
152	100		
150	143.5	122.5	183.7
115	83.6	57.4	86.2

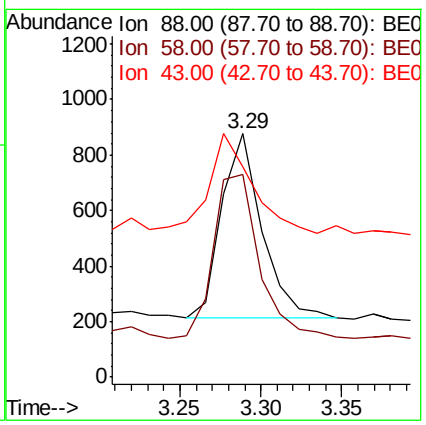


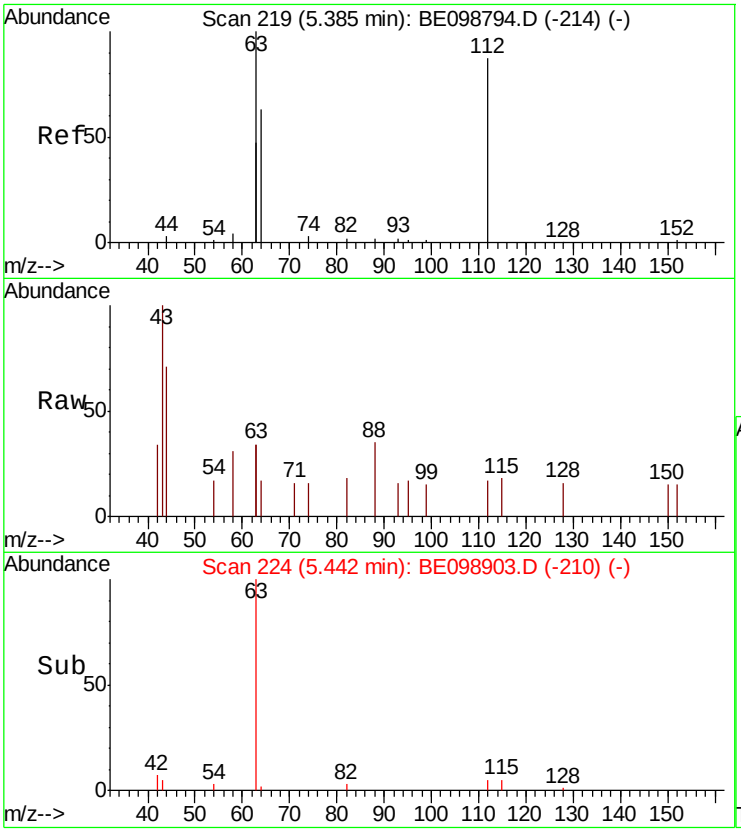


#2
1,4-Dioxane
Concen: 1.240 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Tgt Ion: 88 Resp: 1140

Ion	Ratio	Lower	Upper
88	100		
58	101.5	75.8	113.6
43	58.2	41.8	62.8



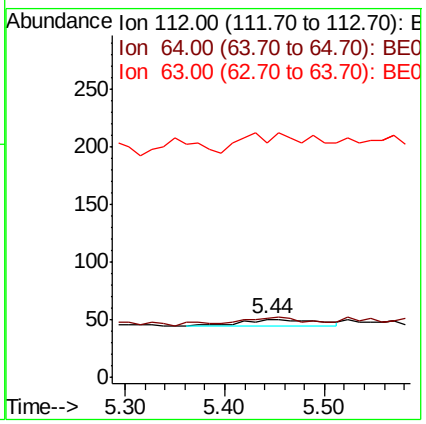


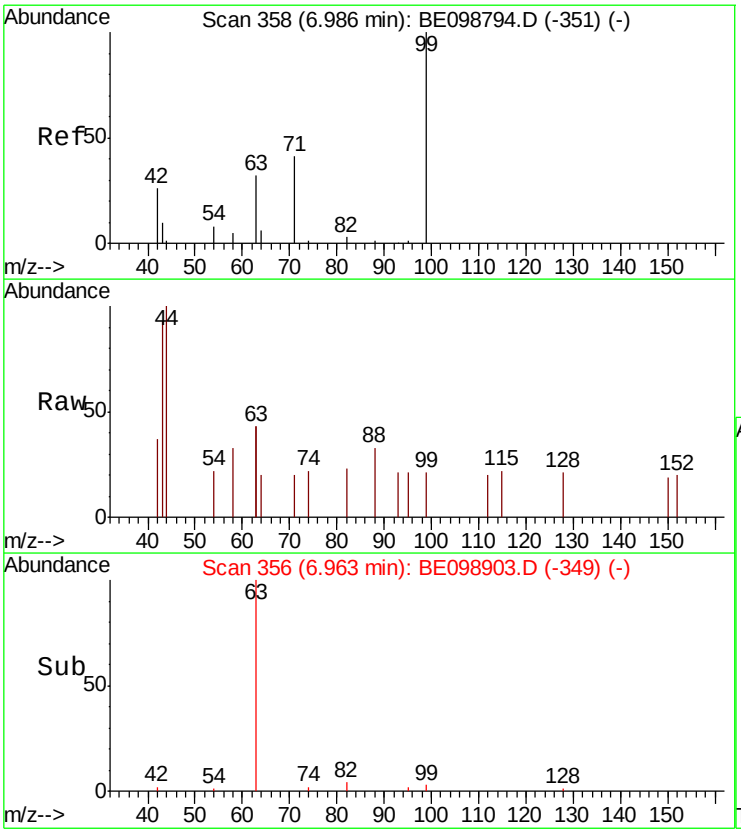
#4
2-Fluorophenol
Concen: 0.019 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.06 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tgt Ion:112 Resp: 32

Ion	Ratio	Lower	Upper
112	100		
64	81.3	57.9	86.9
63	0.0	158.3	237.5#

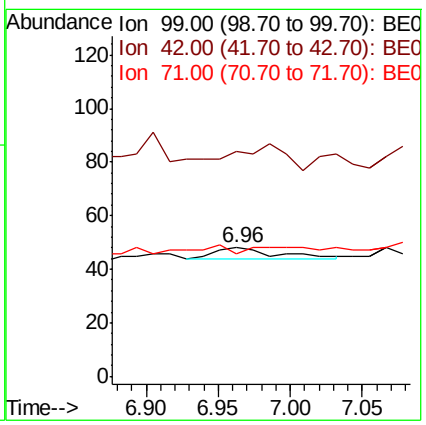


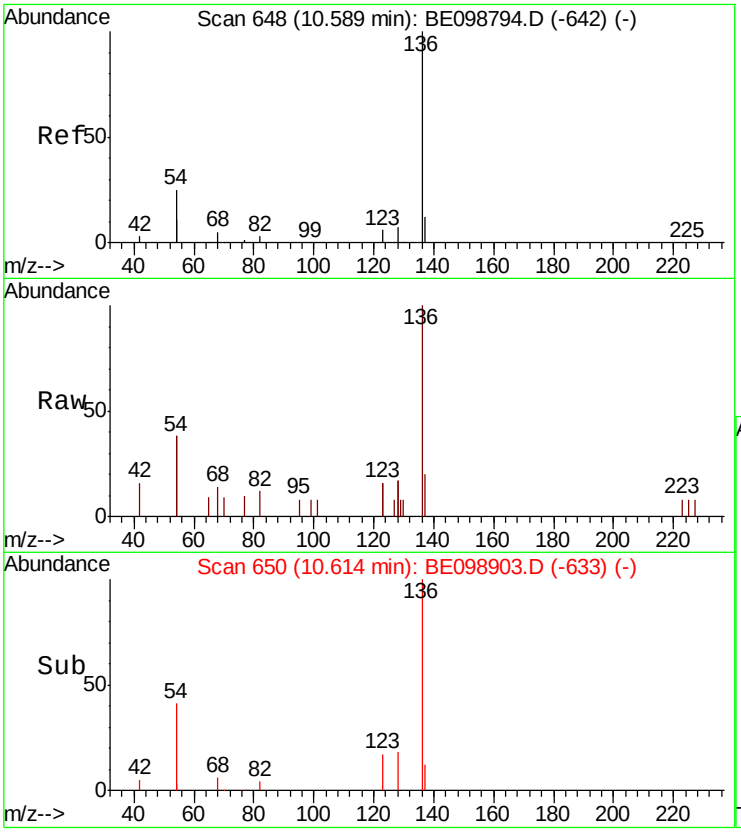


#5
Phenol-d6
Concen: 0.005 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.02 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Tgt Ion: 99 Resp: 12

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	25.0	35.7	53.5#



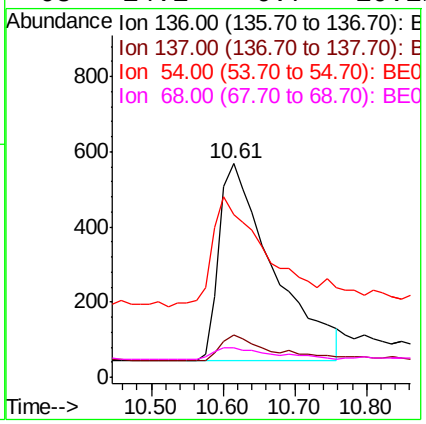


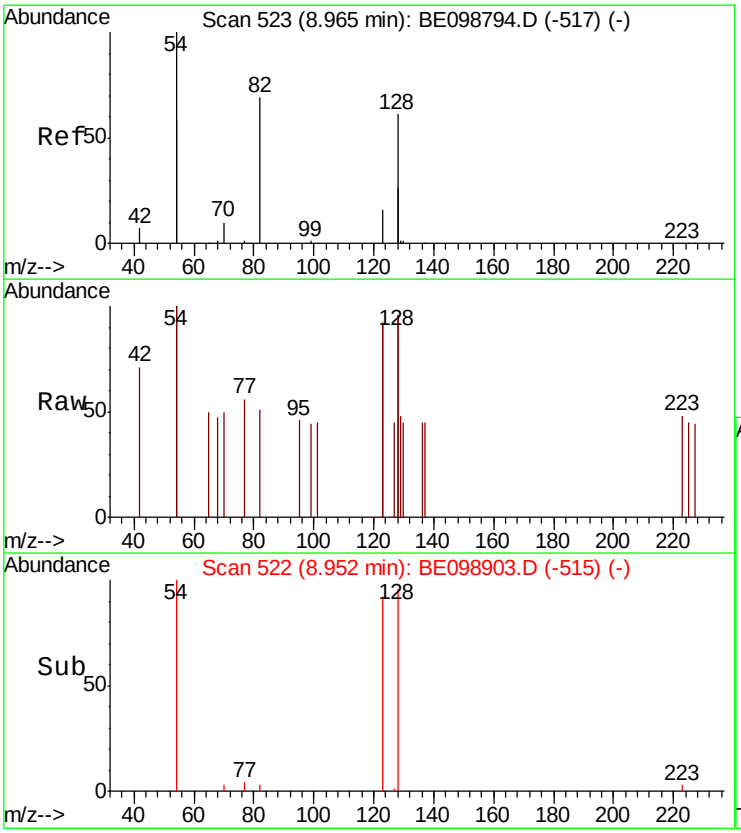
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.03 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tgt Ion:136 Resp: 2741

Ion	Ratio	Lower	Upper
136	100		
137	19.5	11.4	17.0#
54	76.1	39.3	58.9#
68	14.1	6.7	10.1#

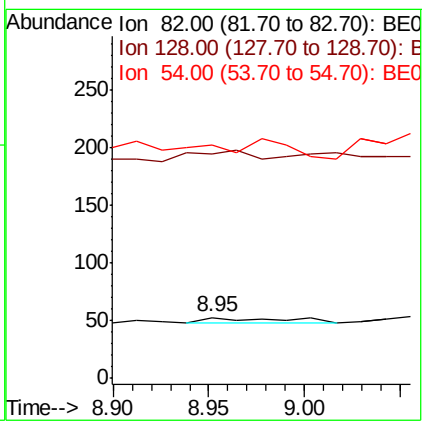


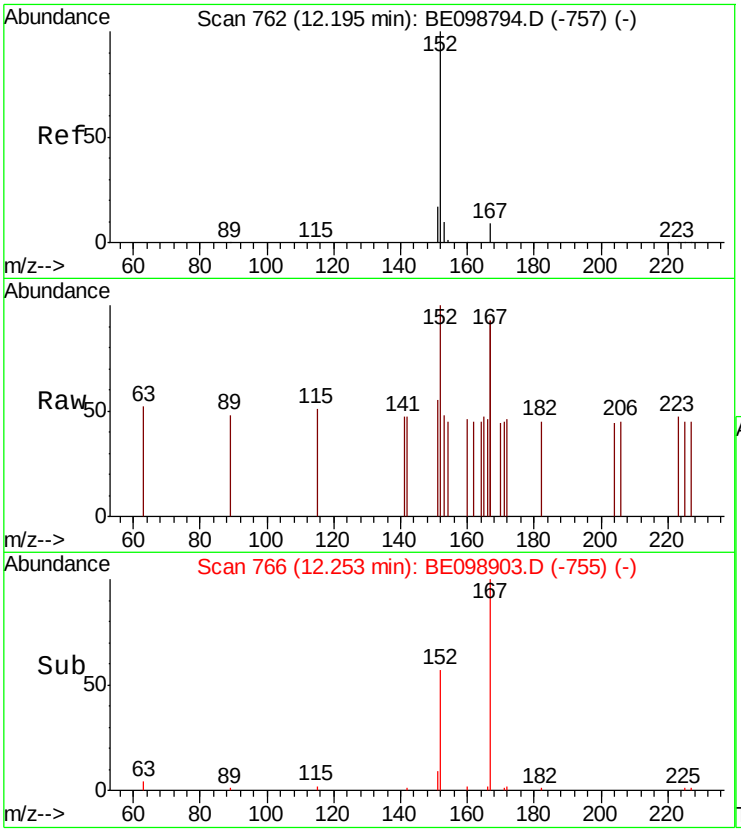


#8
Nitrobenzene-d5
Concen: 0.006 ng
RT: 8.95 min Scan# 522
Delta R.T. -0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Tgt Ion: 82 Resp: 16

Ion	Ratio	Lower	Upper
82	100		
128	373.1	123.8	185.8#
54	388.5	203.4	305.2#



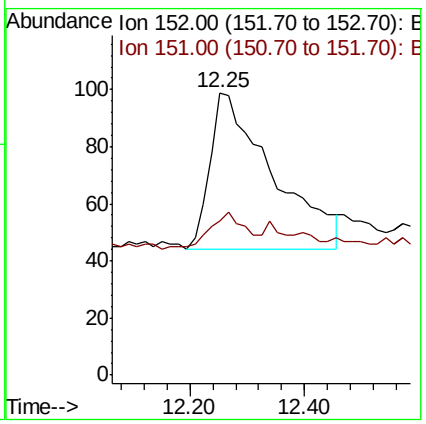


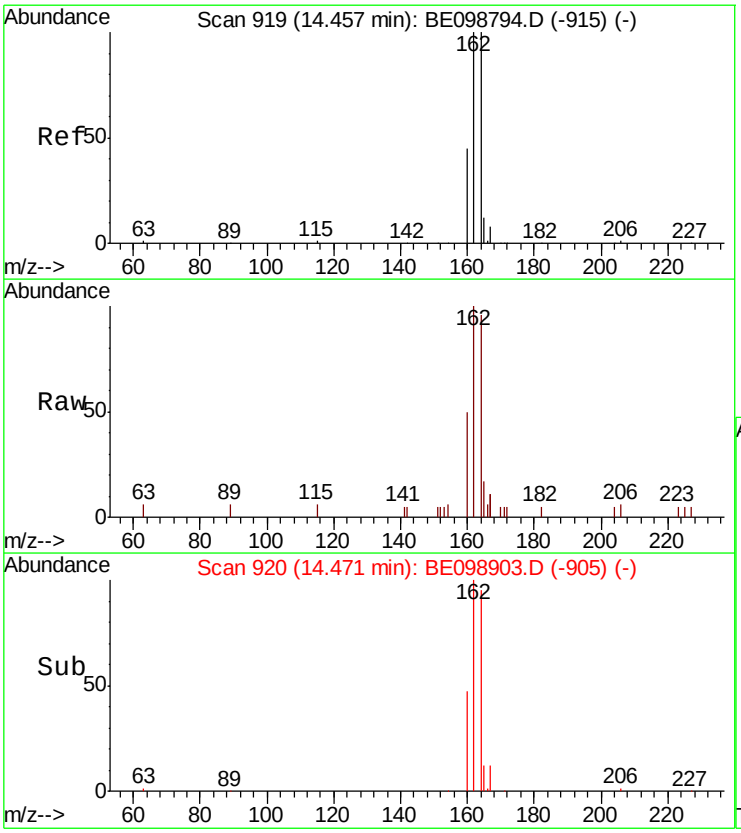
#11
2-Methylnaphthalene-d10
Concen: 0.082 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.06 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tgt Ion:152 Resp: 416

Ion	Ratio	Lower	Upper
152	100		
151	10.8	16.5	24.7#

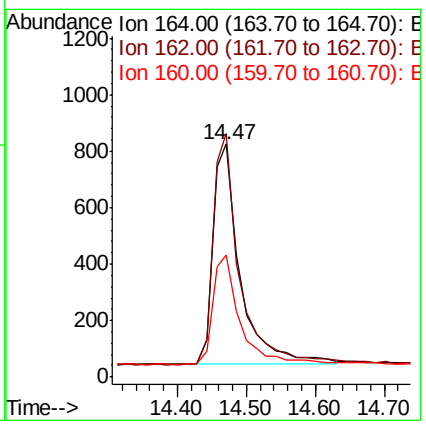


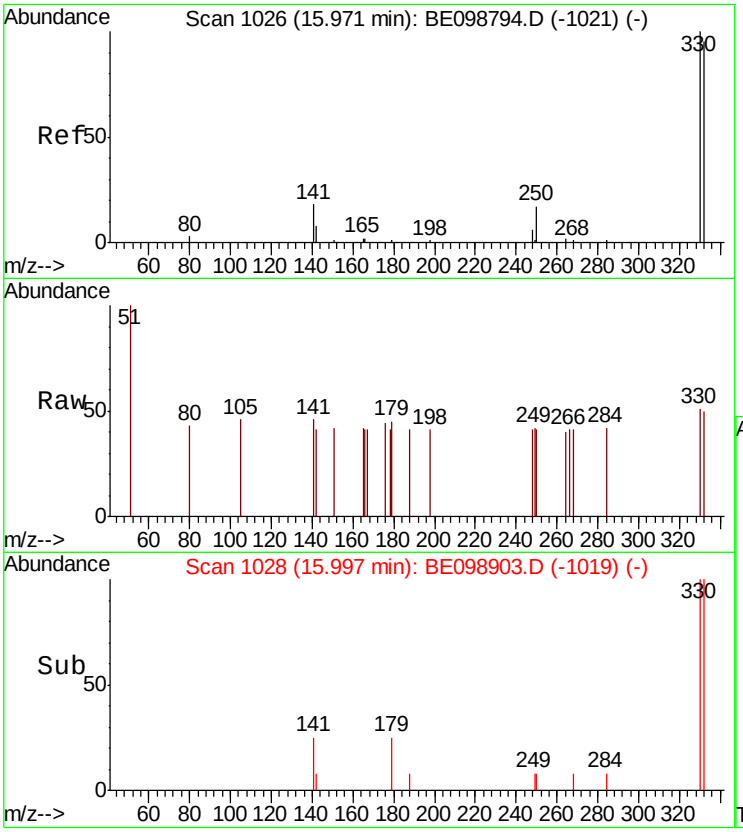


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Tgt Ion:164 Resp: 2163

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.2	120.2
160	52.1	37.8	56.8



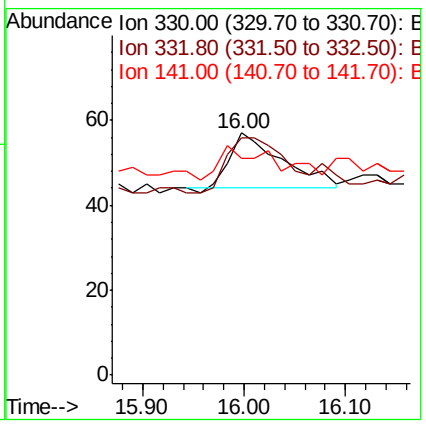


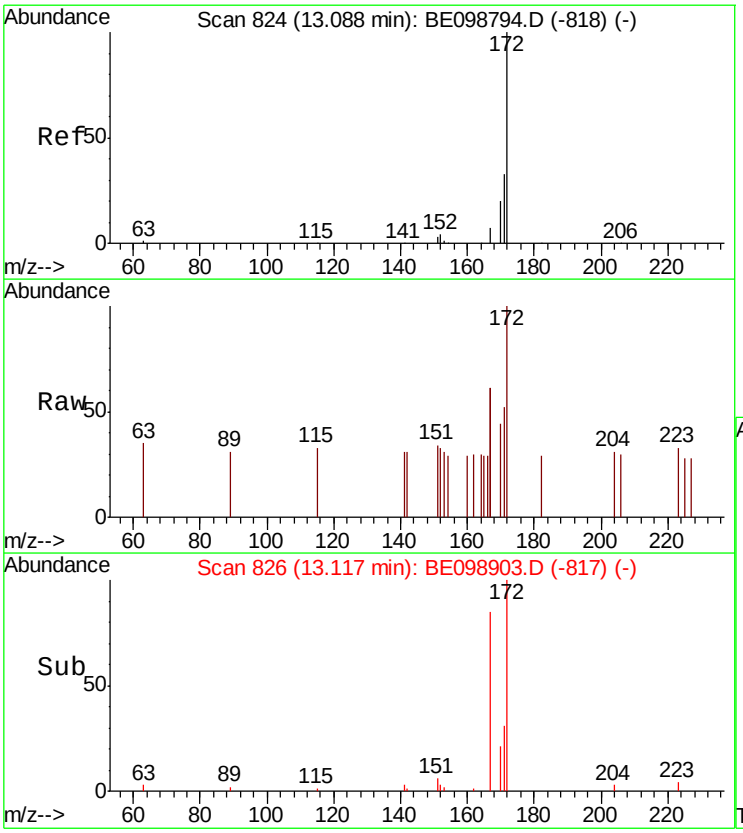
#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tgt Ion:330 Resp: 47

Ion	Ratio	Lower	Upper
330	100		
332	110.6	77.6	116.4
141	66.0	31.0	46.4#

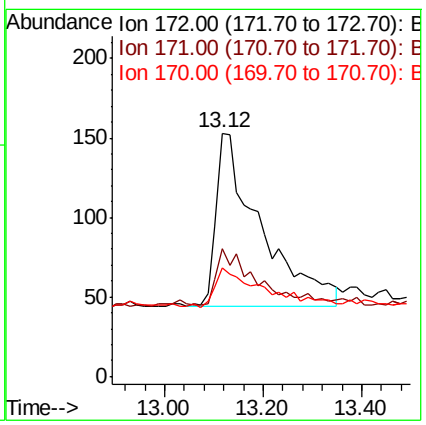


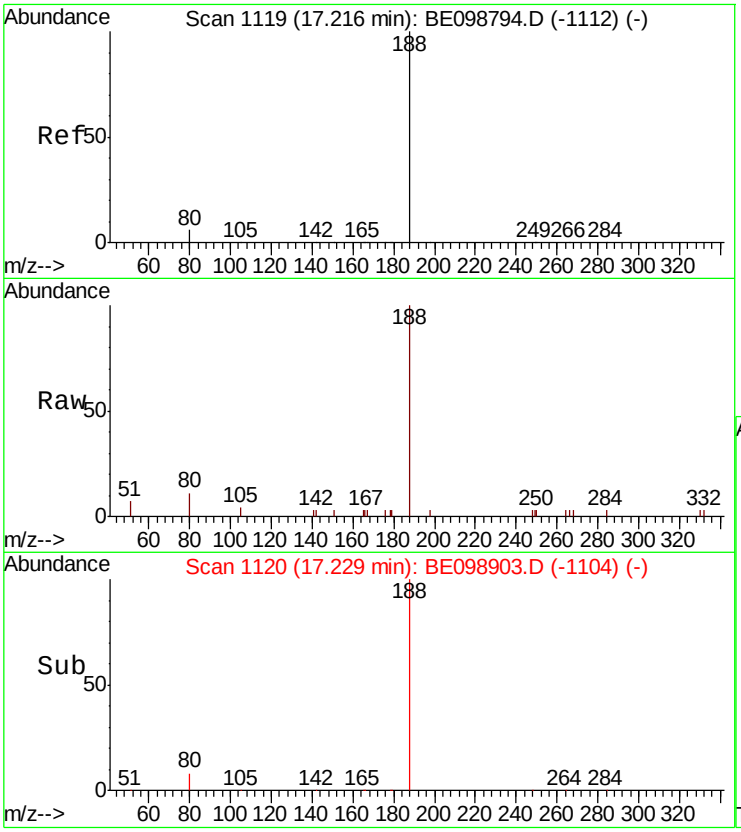


#15
2-Fluorobiphenyl
Concen: 0.076 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Tgt Ion:172 Resp: 684

Ion	Ratio	Lower	Upper
172	100		
171	52.3	28.0	42.0#
170	44.4	17.7	26.5#



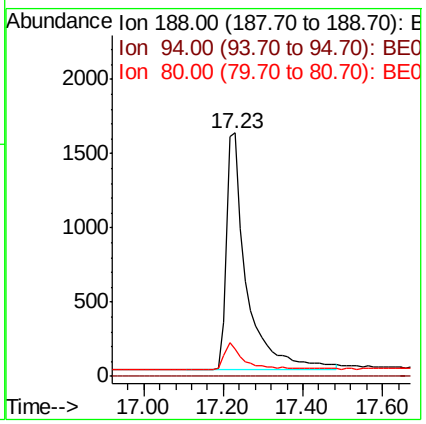


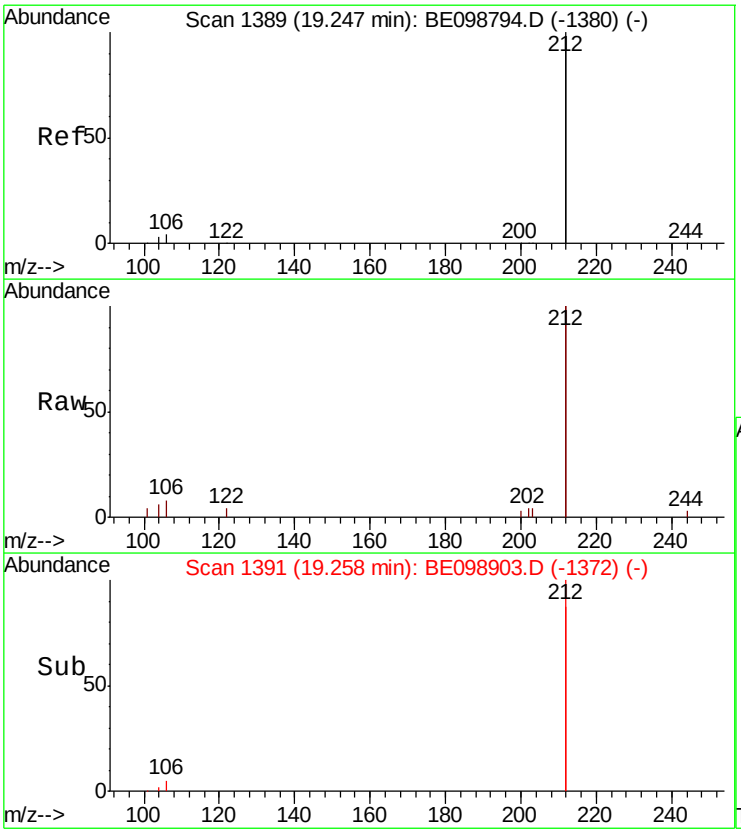
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tgt Ion:188 Resp: 5587

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.3	9.5#

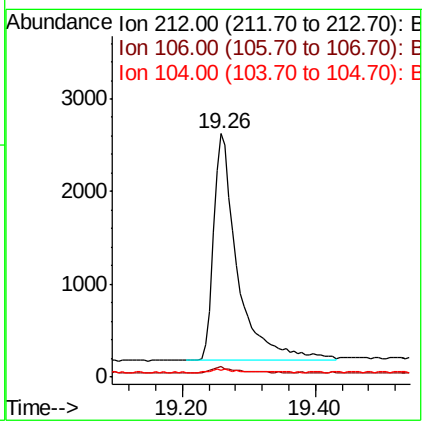


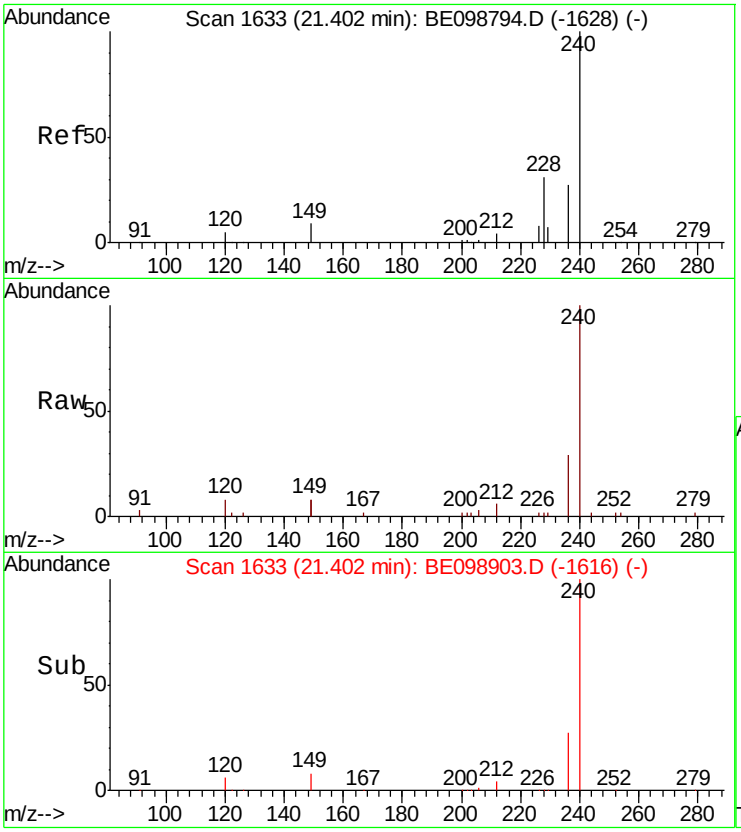


#25
Fluoranthene-d10
Concen: 0.069 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Tgt Ion:212 Resp: 6149

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.0	1.6



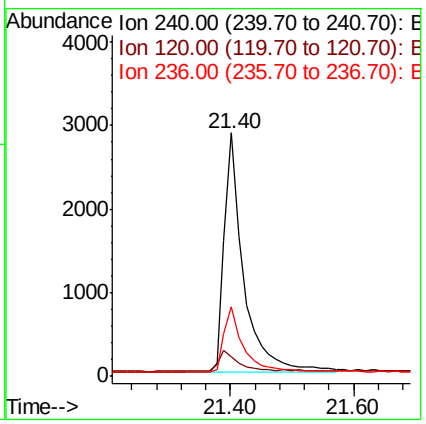


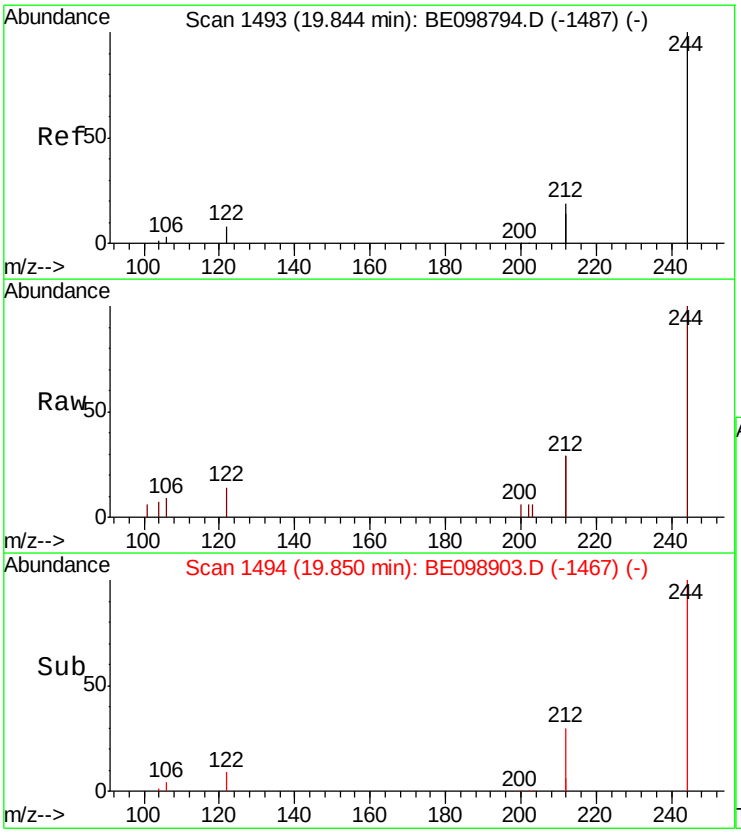
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tgt Ion:240 Resp: 6341

Ion	Ratio	Lower	Upper
240	100		
120	8.2	5.0	7.4#
236	28.7	22.7	34.1

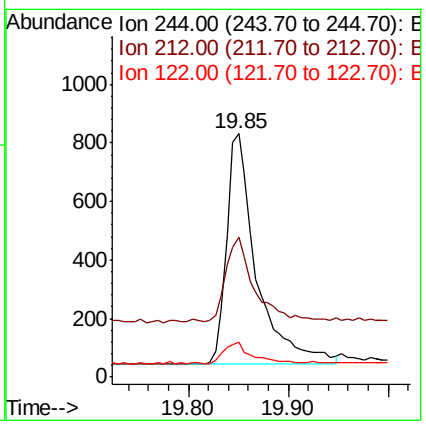


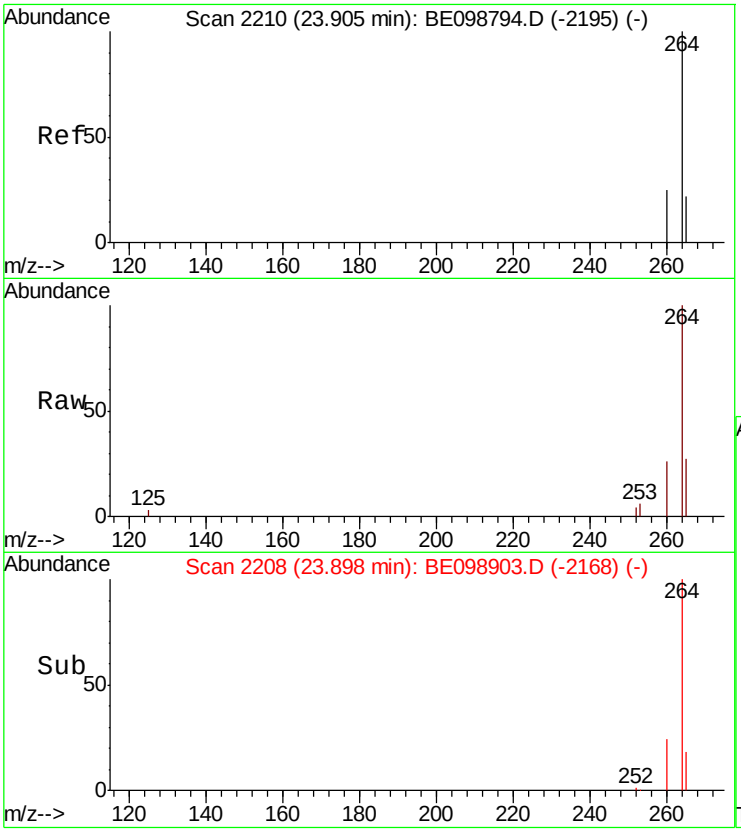


#29
Terphenyl-d14
Concen: 0.106 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Tgt Ion:244 Resp: 1636

Ion	Ratio	Lower	Upper
244	100		
212	57.5	29.4	44.2#
122	14.4	7.1	10.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098903.D
Acq: 12 Mar 2019 18:19

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308DL

Tgt Ion:264 Resp: 6098

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	26.8	24.6	36.8