Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\
Data File : BE098942.D
Acq On : 14 Mar 2019 12:39
Operator : JU/SJ
Sample : K1860-07DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE105D1-20190311DL

Quant Time: Mar 15 05:39:21 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	7.81	152	539	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2936	0.40	ng	0.02
13) Acenaphthene-d10	14.46	164	2356	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5571	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6027	0.40	ng	0.00
34) Perylene-d12	23.90	264	5750	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	17	0.01	ng	0.04
5) Phenol-d6	6.99	99	8	0.00	ng	0.00
8) Nitrobenzene-d5	9.00	82	9	0.00	ng	0.04
11) 2-Methylnaphthalene-d10	12.25	152	314	0.06	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	59	0.05	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	632	0.06	ng	0.03
25) Fluoranthene-d10	19.26	212	5344	0.06	ng	0.01
29) Terphenyl-d14	19.85	244	1080	0.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	1364	1.539	ng	# 90

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

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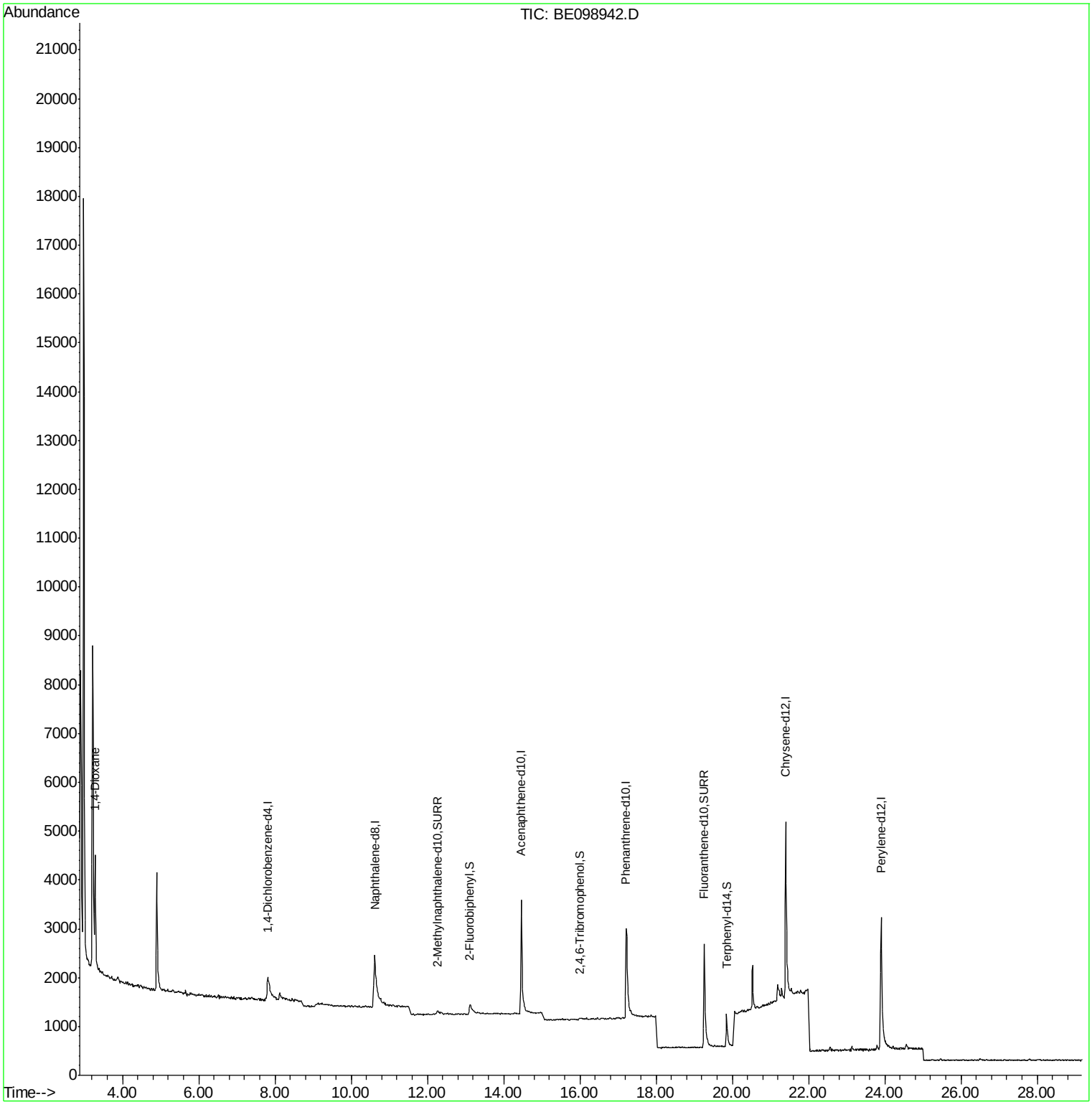
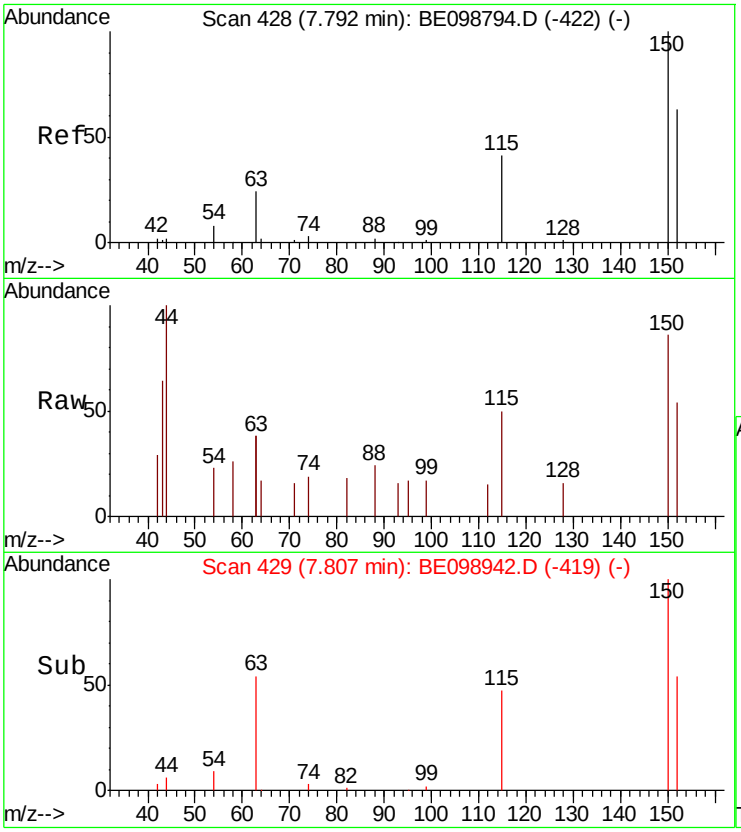


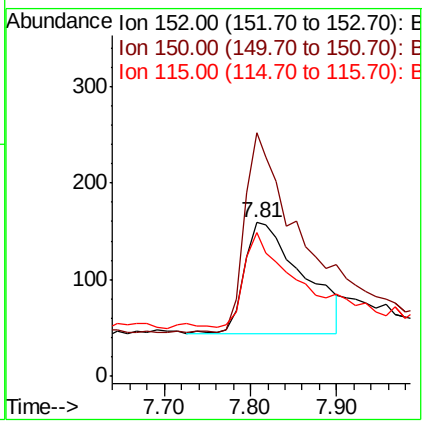


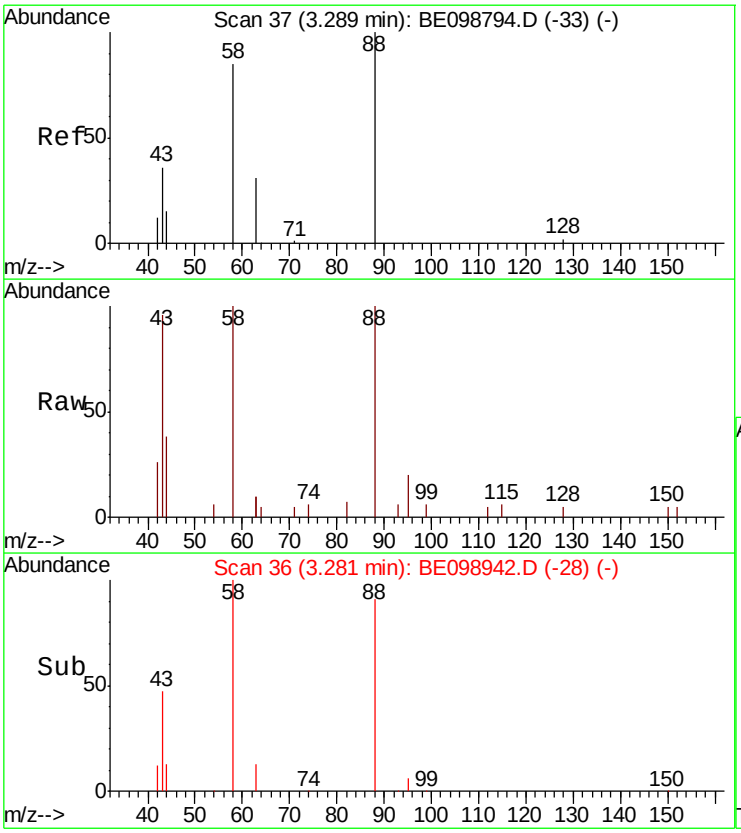
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:152 Resp: 539

Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.5	183.7
115	93.1	57.4	86.2#

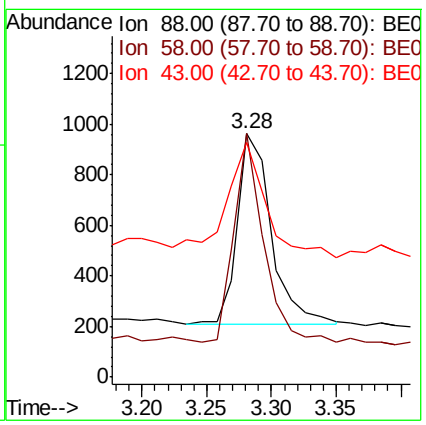


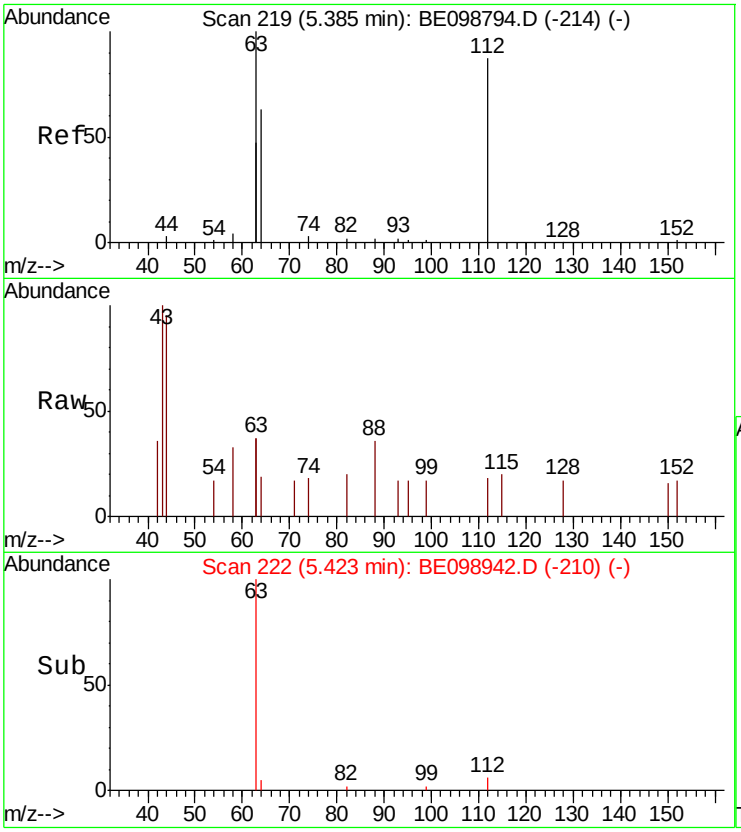


#2
1,4-Dioxane
Concen: 1.539 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion: 88 Resp: 1364

Ion	Ratio	Lower	Upper
88	100		
58	94.6	75.8	113.6
43	72.1	41.8	62.8#



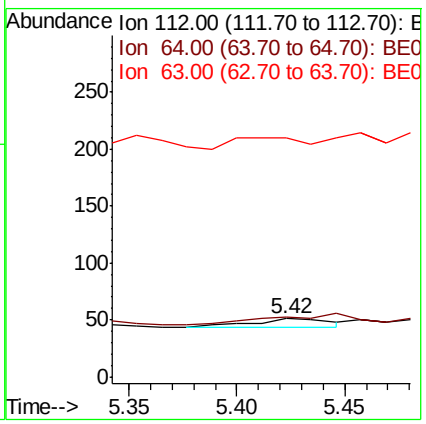


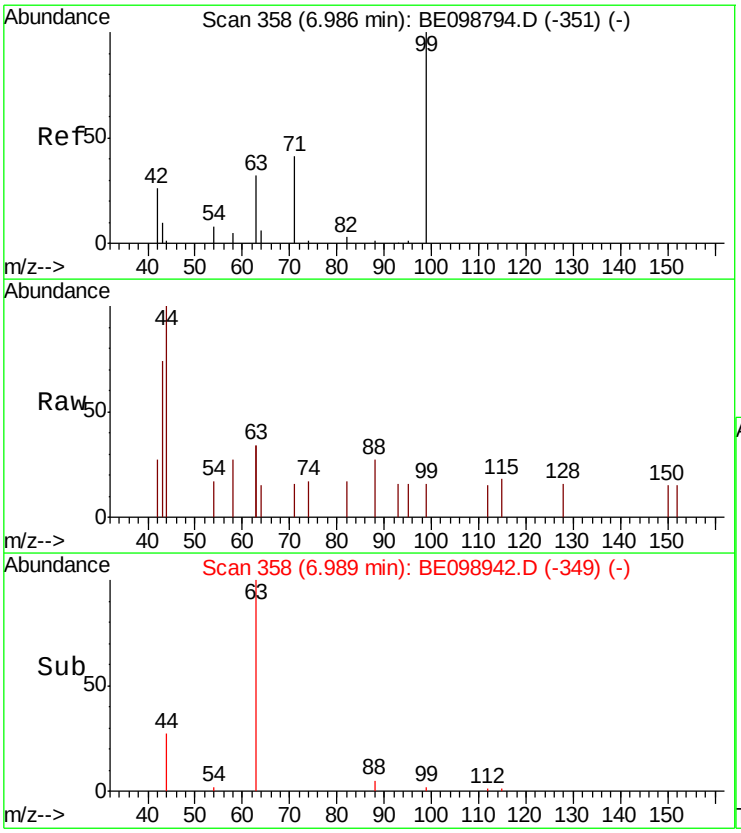
#4
2-Fluorophenol
Concen: 0.011 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.04 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:112 Resp: 17

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

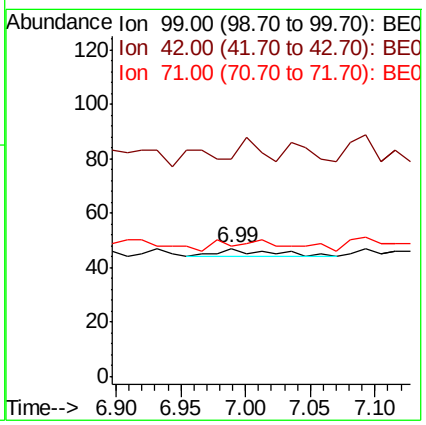


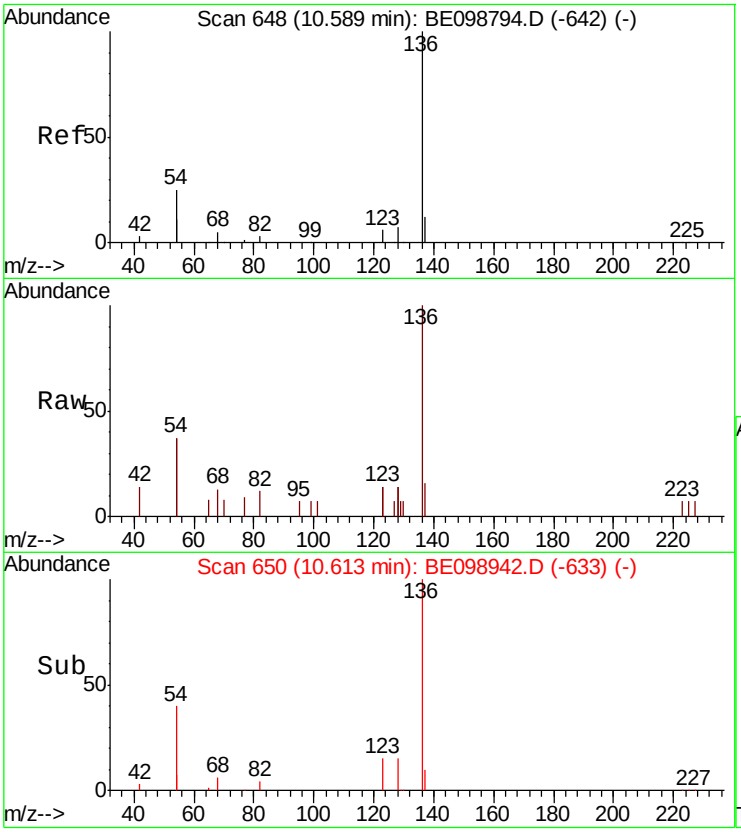


#5
Phenol-d6
Concen: 0.004 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion: 99 Resp: 8

Ion	Ratio	Lower	Upper
99	100		
42	125.0	24.2	36.2#
71	0.0	35.7	53.5#



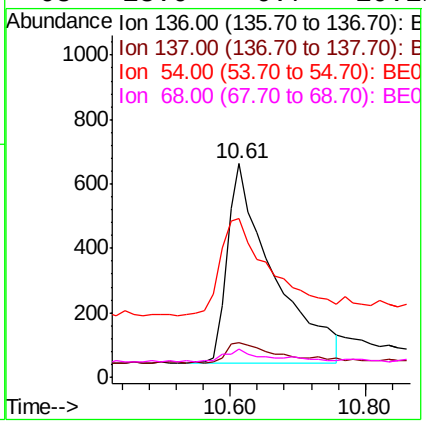


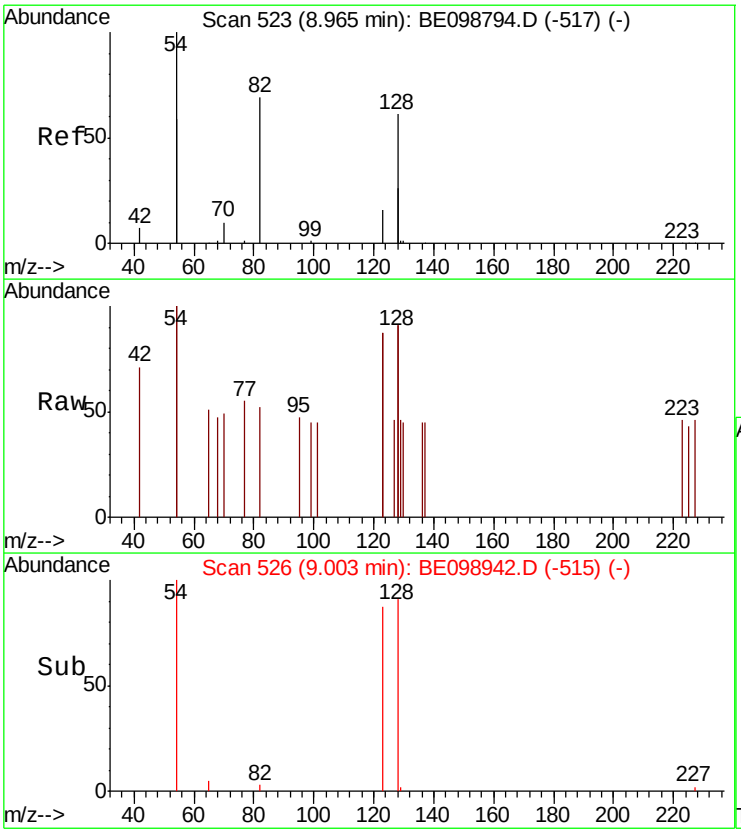
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.02 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:136 Resp: 2936

Ion	Ratio	Lower	Upper
136	100		
137	16.0	11.4	17.0
54	74.2	39.3	58.9#
68	13.0	6.7	10.1#

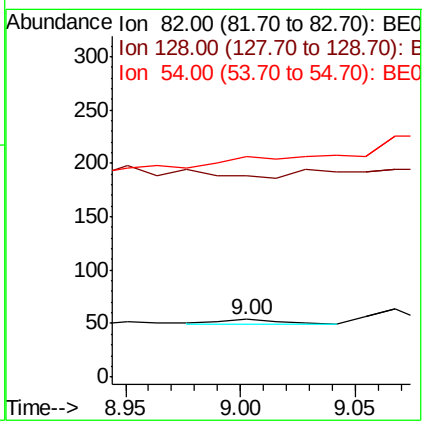


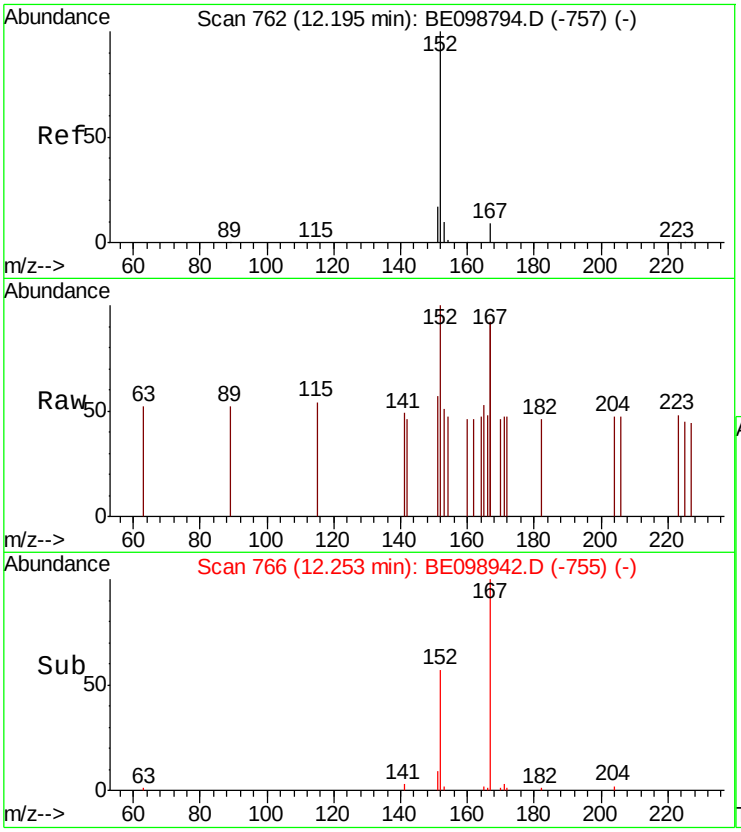


#8
Nitrobenzene-d5
Concen: 0.003 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion: 82 Resp: 9

Ion	Ratio	Lower	Upper
82	100		
128	348.1	123.8	185.8#
54	381.5	203.4	305.2#



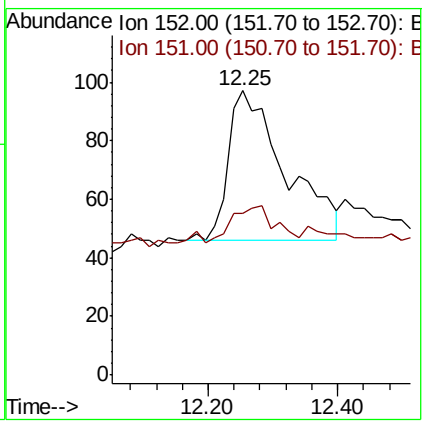


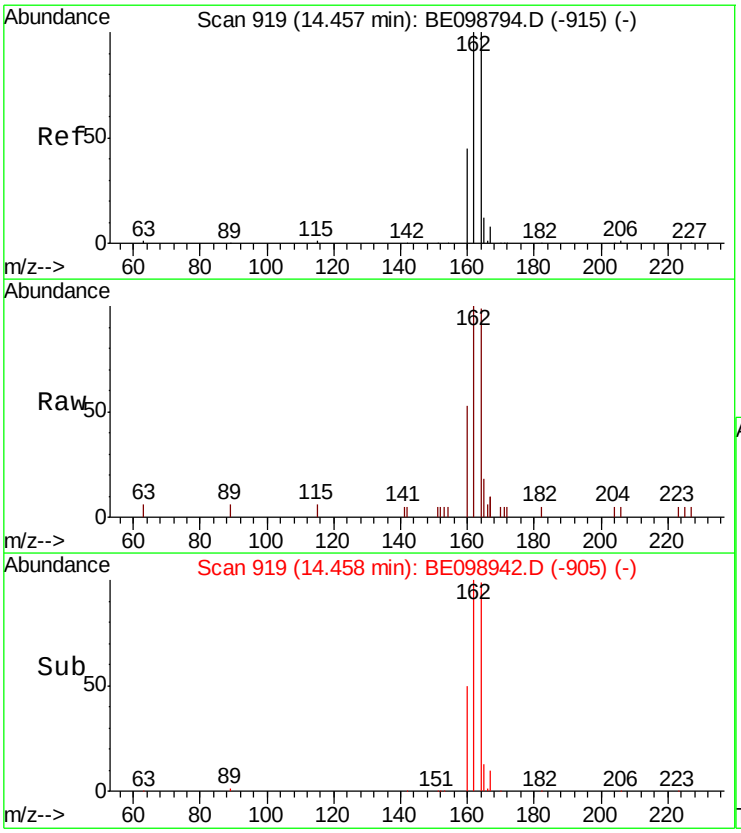
#11
2-Methylnaphthalene-d10
Concen: 0.058 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.06 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:152 Resp: 314

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.5	24.7#

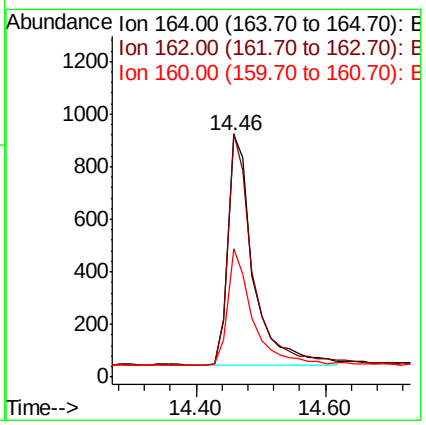


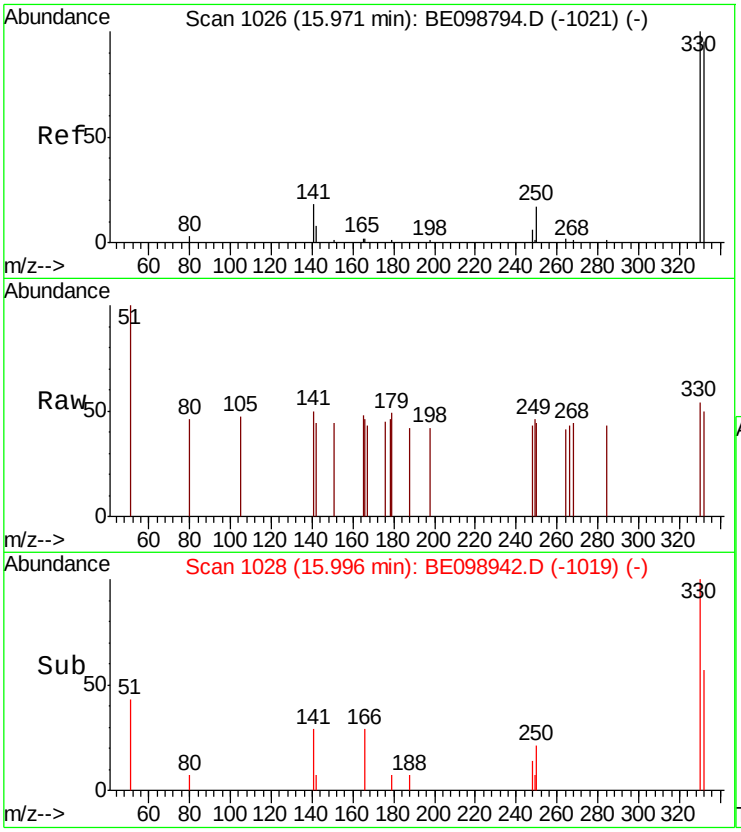


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion:164 Resp: 2356

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	52.9	37.8	56.8



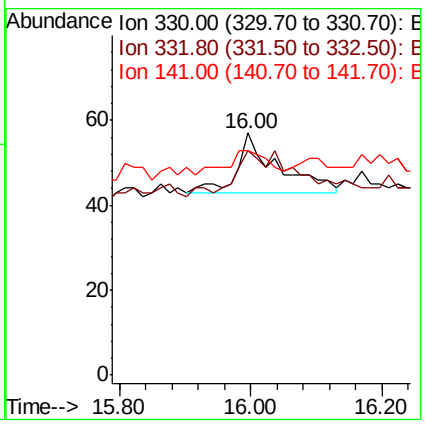


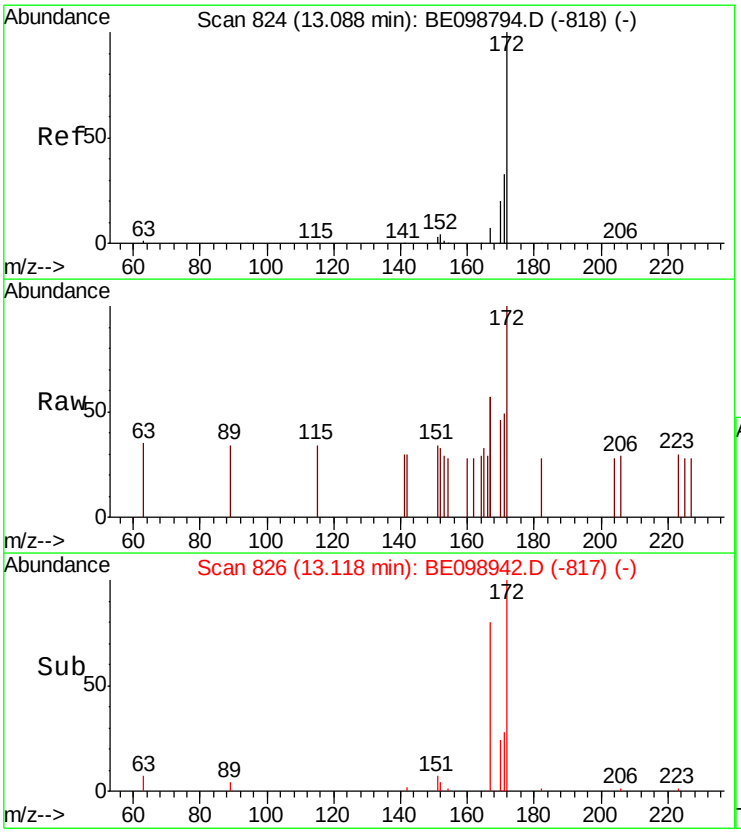
#14
2,4,6-Tribromophenol
Concen: 0.050 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:330 Resp: 59

Ion	Ratio	Lower	Upper
330	100		
332	45.8	77.6	116.4#
141	44.1	31.0	46.4

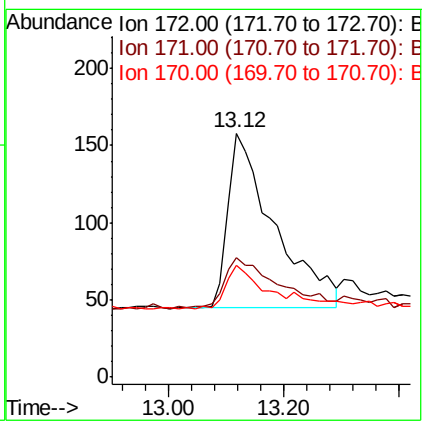


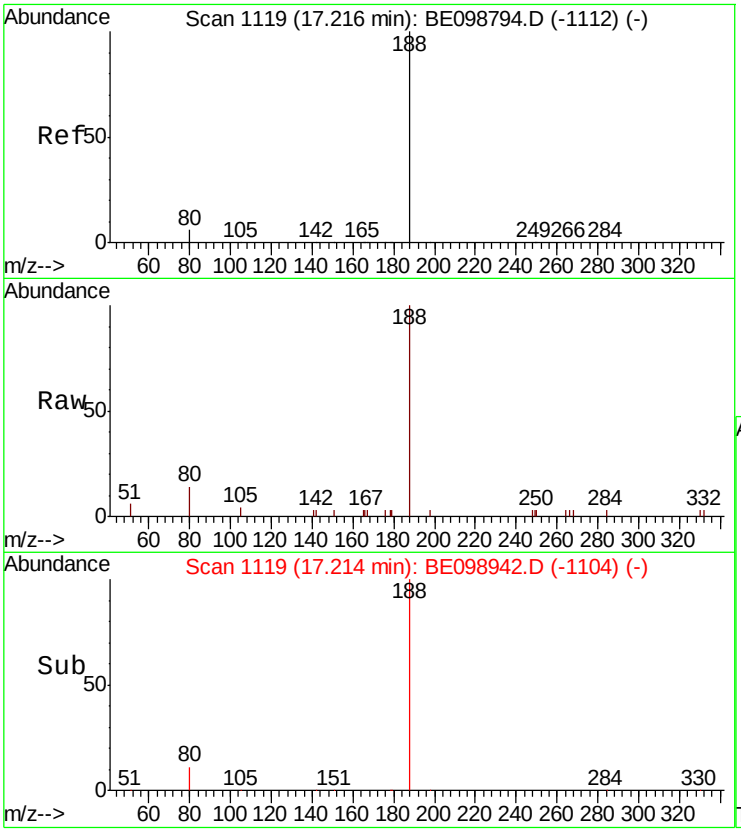


#15
2-Fluorobiphenyl
Concen: 0.065 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion:172 Resp: 632

Ion	Ratio	Lower	Upper
172	100		
171	48.7	28.0	42.0#
170	45.6	17.7	26.5#



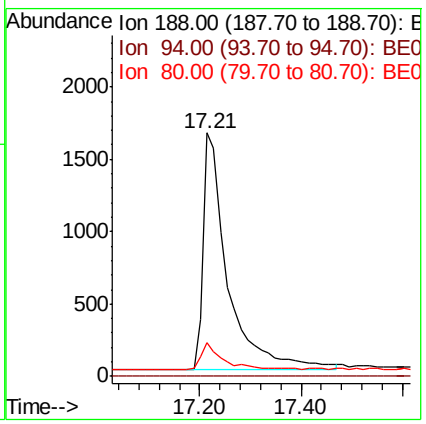


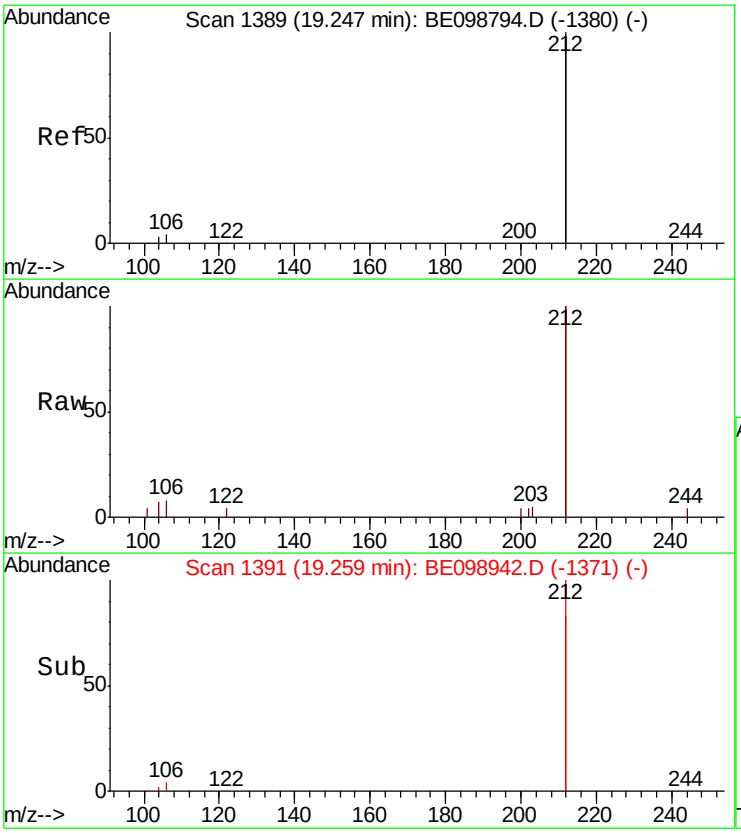
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:188 Resp: 5571

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	6.3	9.5#

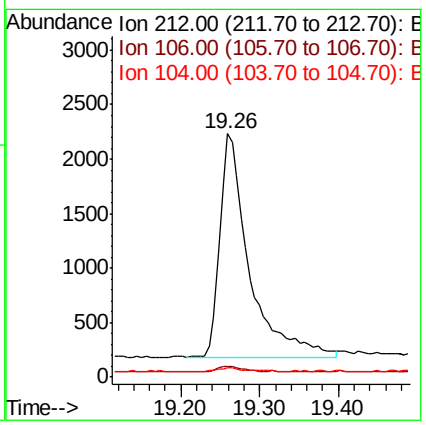


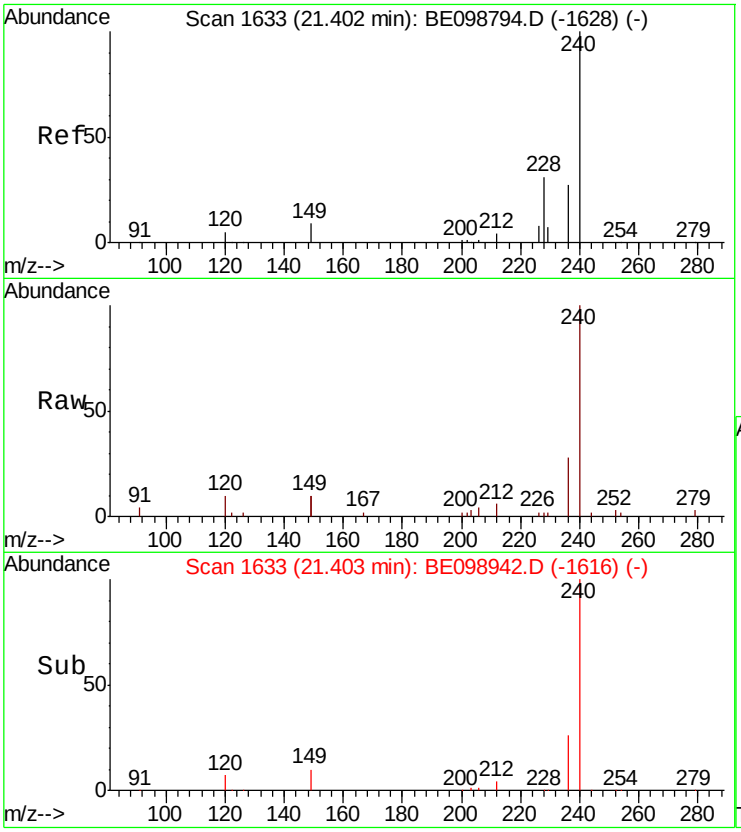


#25
Fluoranthene-d10
Concen: 0.060 ng
RT: 19.26 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion:212 Resp: 5344

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



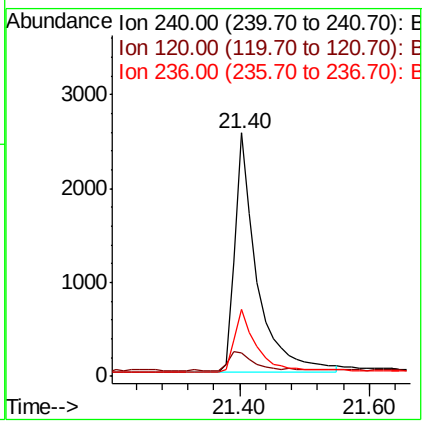


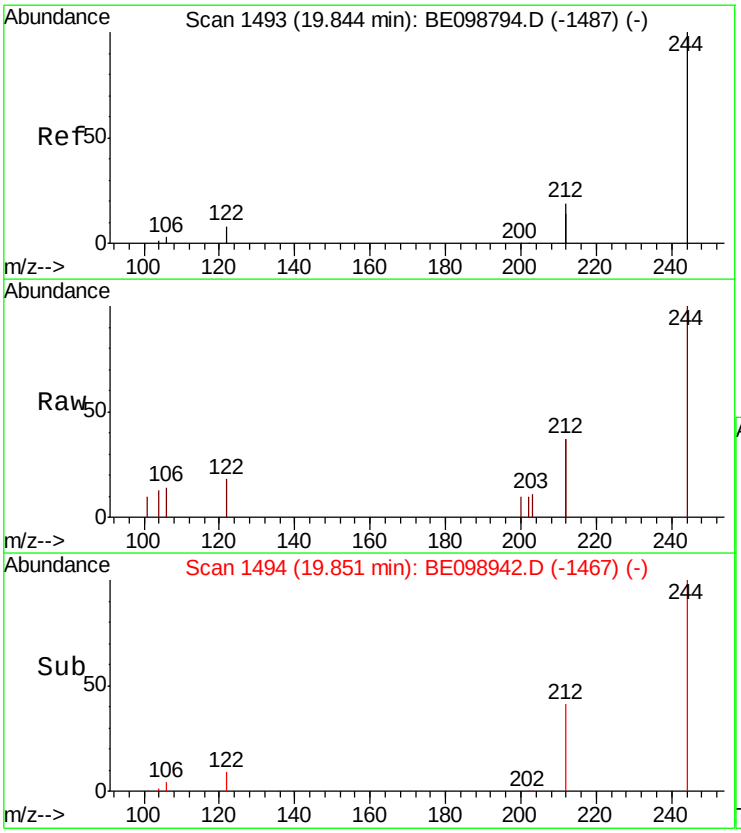
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:240 Resp: 6027

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.0	7.4#
236	27.6	22.7	34.1

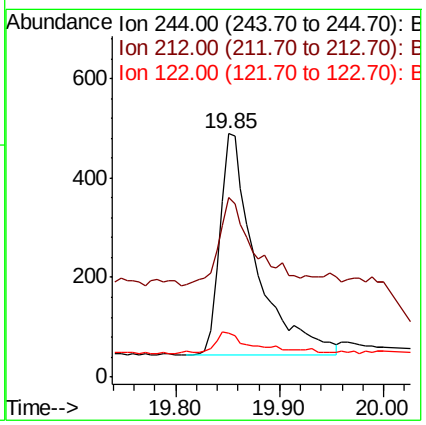


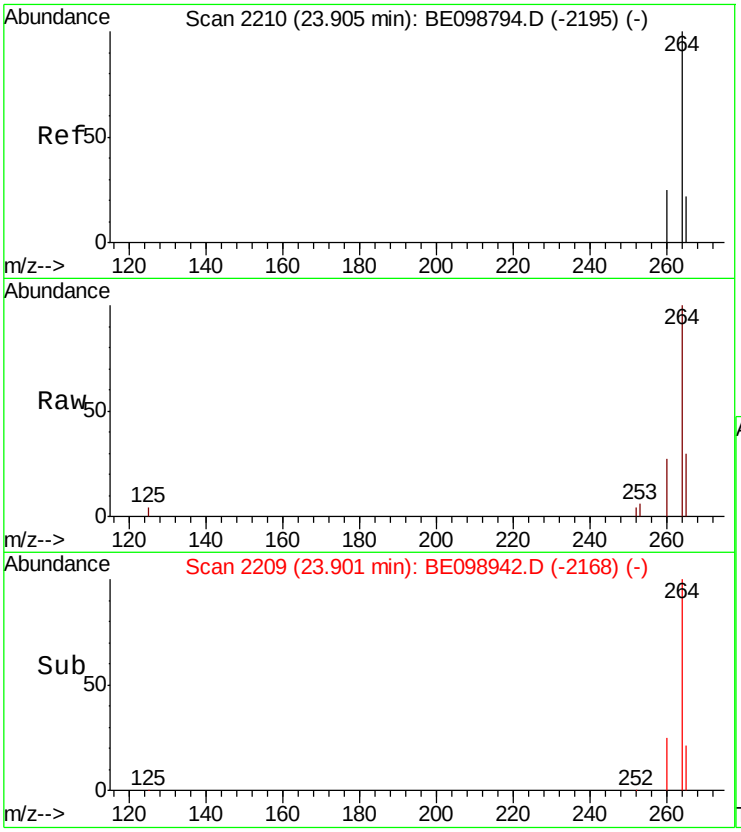


#29
Terphenyl-d14
Concen: 0.074 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098942.D
Acq: 14 Mar 2019 12:39

Tgt Ion:244 Resp: 1080

Ion	Ratio	Lower	Upper
244	100		
212	73.6	29.4	44.2#
122	18.2	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: BE098942.D
Acq: 14 Mar 2019 12:39

Instrument :
BNA_E
ClientSampleId :
RE105D1-20190311DL

Tgt Ion:264 Resp: 5750

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.2	31.8
265	30.4	24.6	36.8