Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031219\
Data File : BE098905.D
Acq On : 12 Mar 2019 19:34
Operator : JU/SJ
Sample : K1841-06DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE125D1-20190308DL

Quant Time: Mar 13 08:07:23 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	547	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2743	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2138	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5684	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6057	0.40	ng	0.00
34) Perylene-d12	23.90	264	5904	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	26	0.02	ng	0.06
5) Phenol-d6	7.01	99	6	0.00	ng	0.03
8) Nitrobenzene-d5	9.00	82	8	0.00	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	364	0.07	ng	0.07
14) 2,4,6-Tribromophenol	16.01	330	35	0.03	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	666	0.08	ng	0.04
25) Fluoranthene-d10	19.26	212	5889	0.06	ng	0.02
29) Terphenyl-d14	19.86	244	1377	0.09	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	1817	2.053	ng	96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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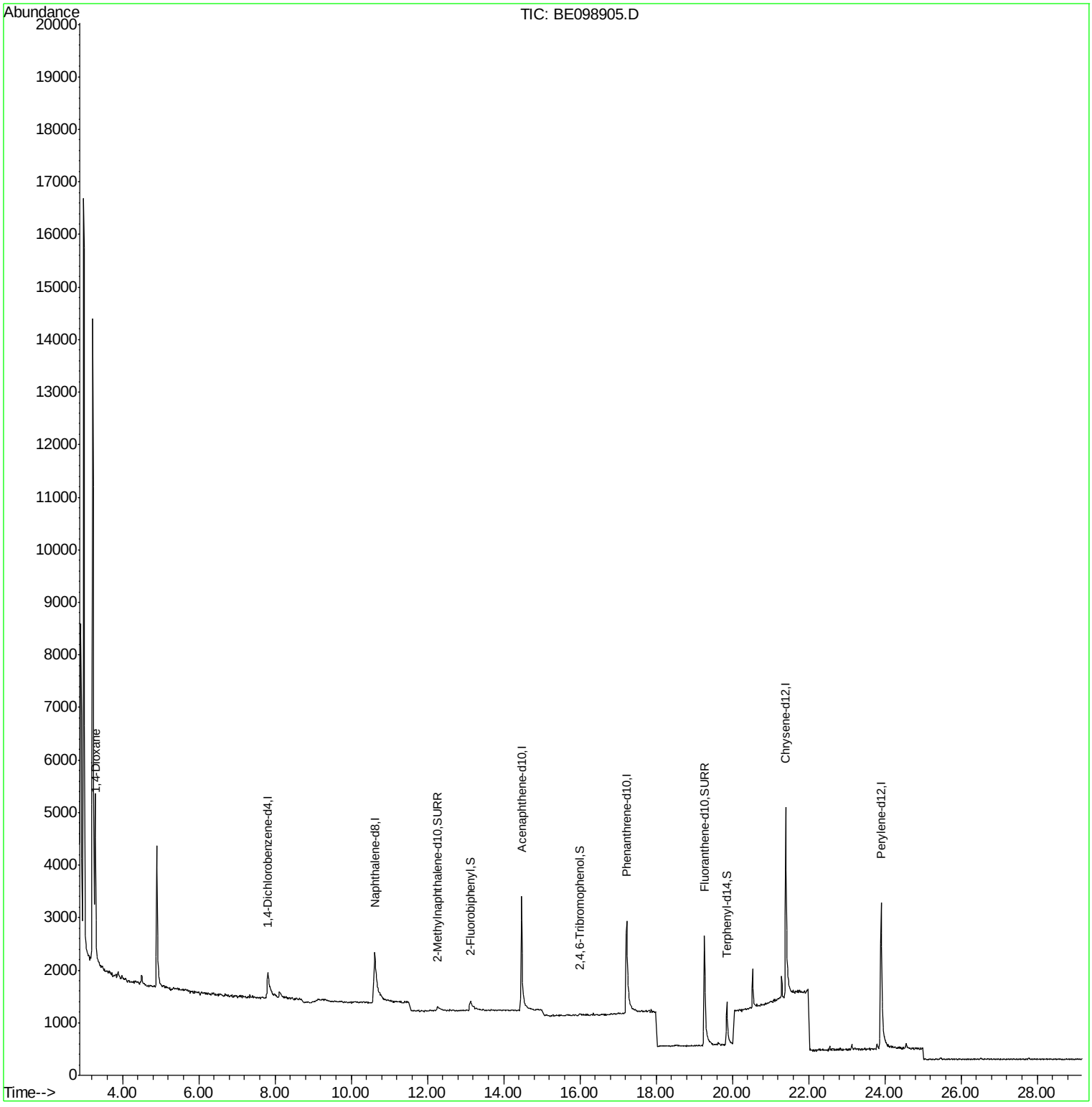
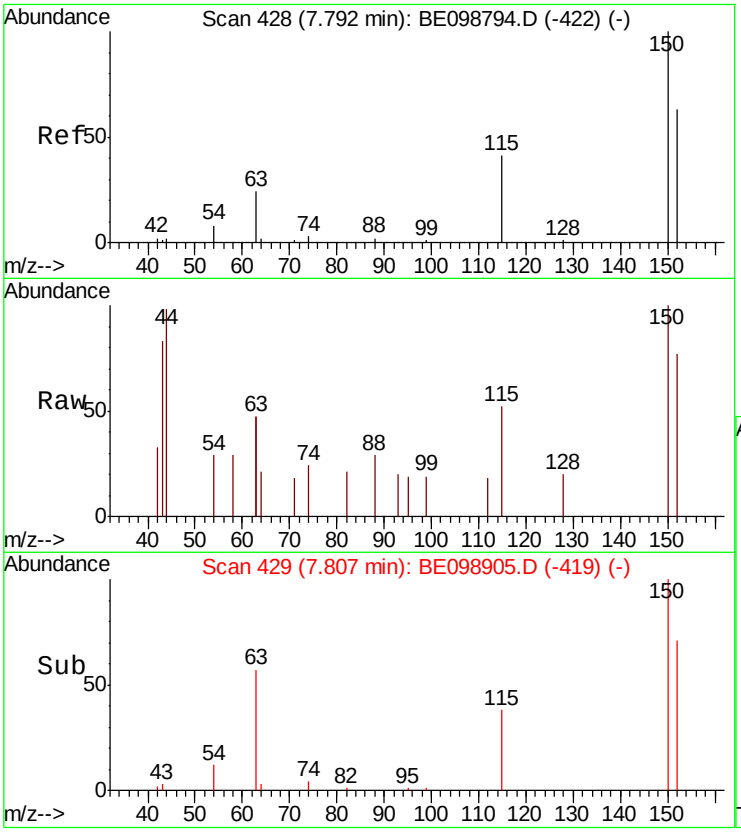


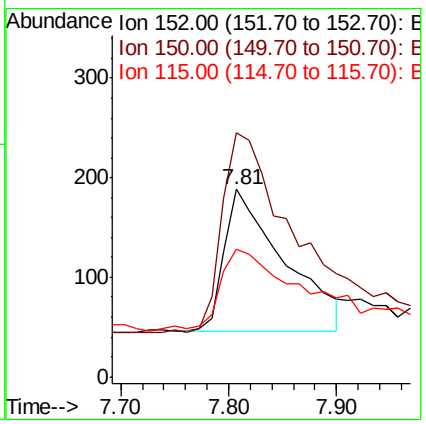


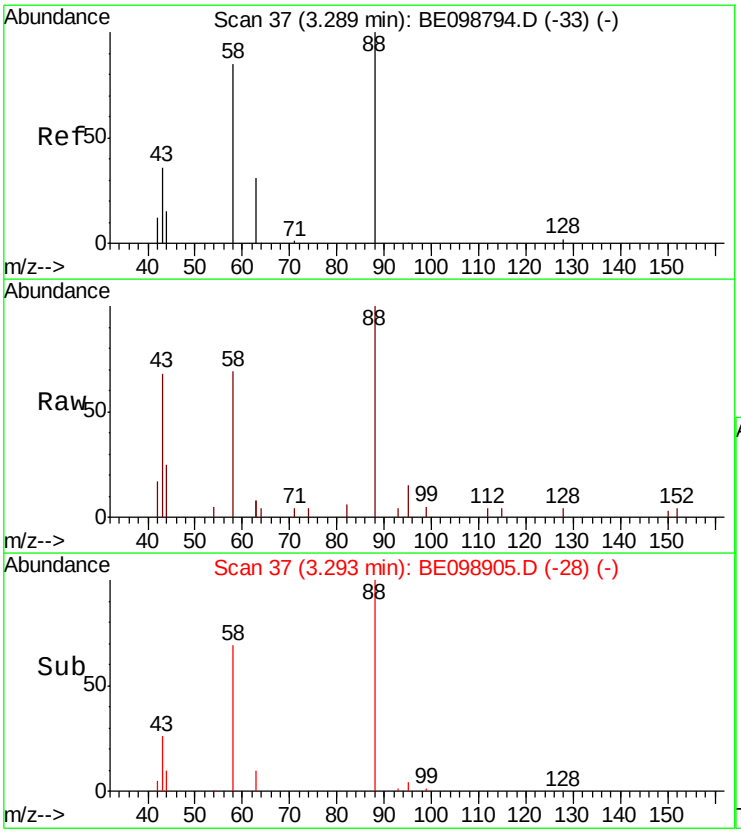
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:152 Resp: 547

Ion	Ratio	Lower	Upper
152	100		
150	130.3	122.5	183.7
115	68.1	57.4	86.2

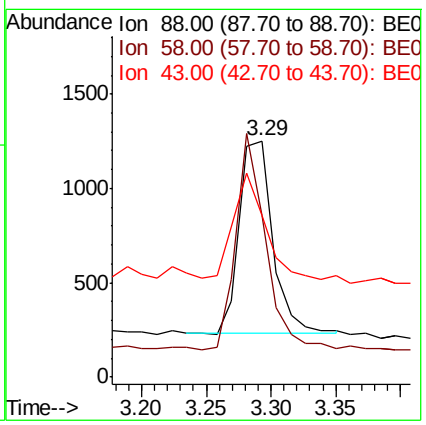


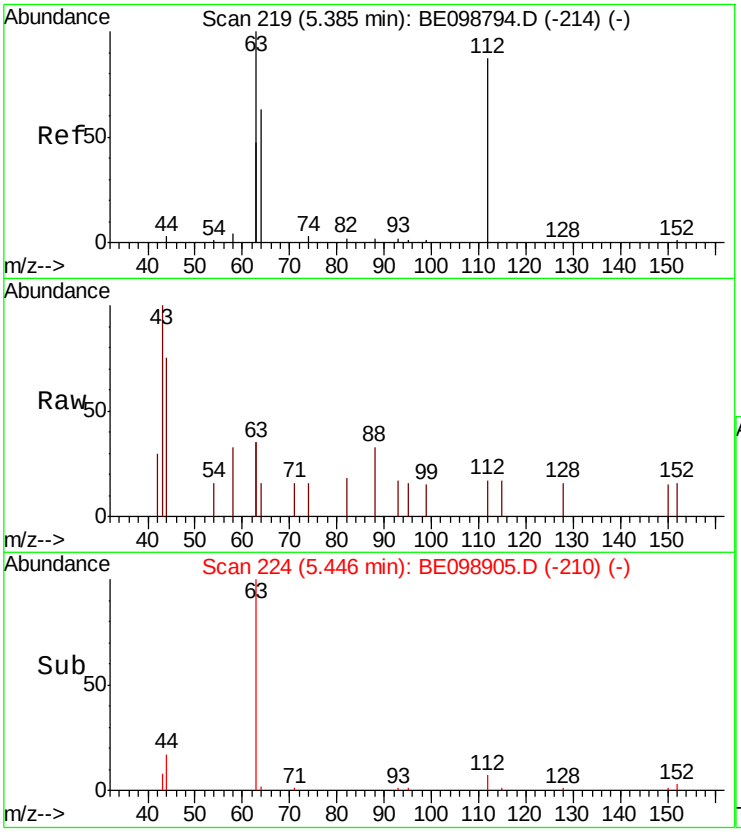


#2
1,4-Dioxane
Concen: 2.053 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 88 Resp: 1817

Ion	Ratio	Lower	Upper
88	100		
58	100.7	75.8	113.6
43	51.5	41.8	62.8



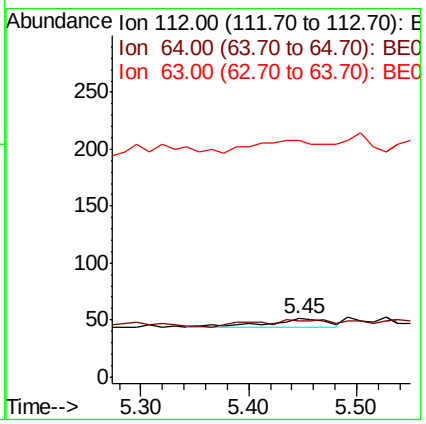


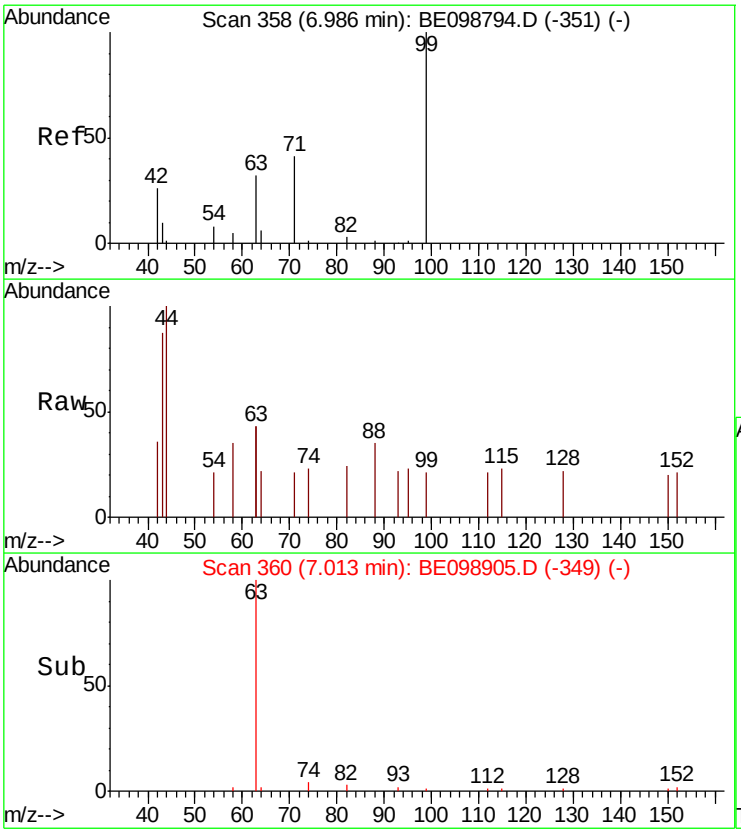
#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.06 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:112 Resp: 26

Ion	Ratio	Lower	Upper
112	100		
64	46.2	57.9	86.9#
63	192.3	158.3	237.5

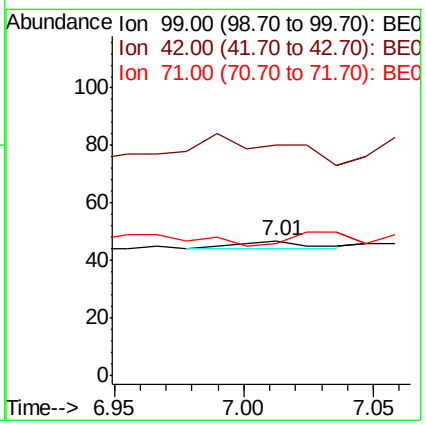


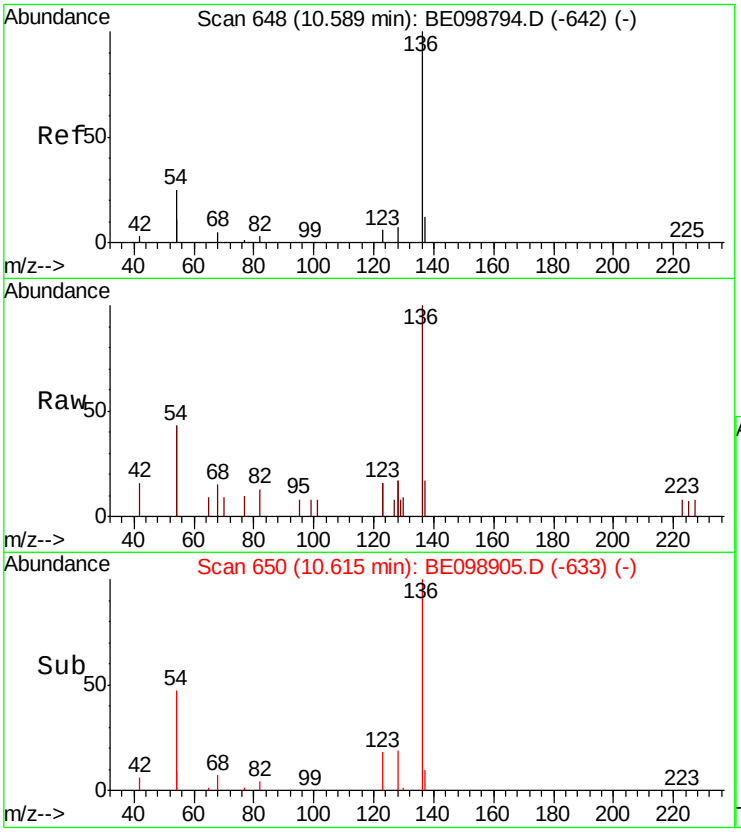


#5
Phenol-d6
Concen: 0.003 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.03 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 99 Resp: 6

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	133.3	35.7	53.5#



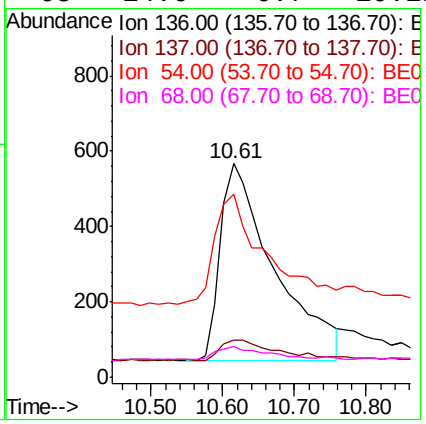


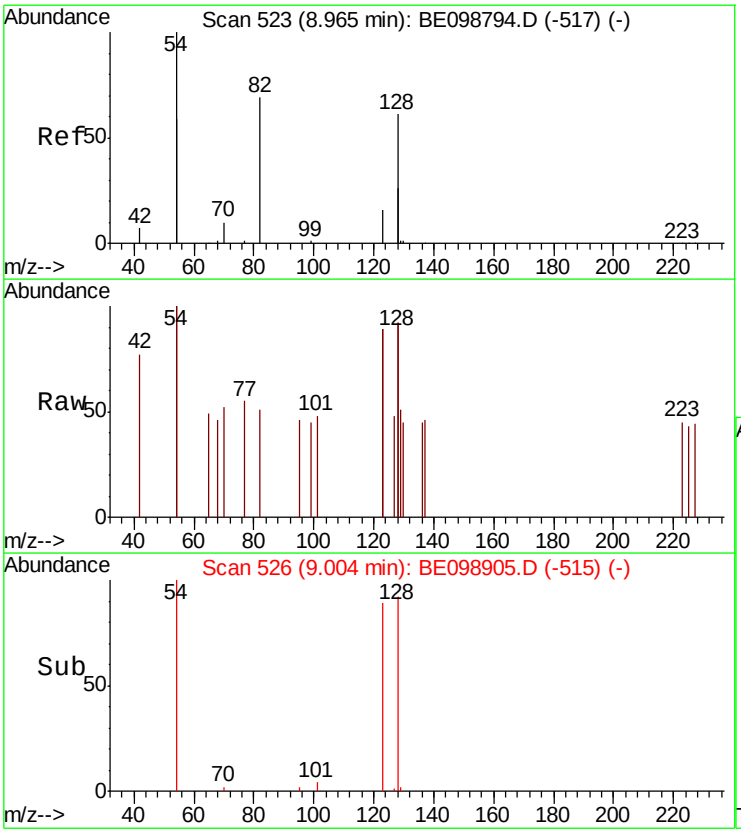
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.03 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:136 Resp: 2743

Ion	Ratio	Lower	Upper
136	100		
137	17.5	11.4	17.0#
54	85.7	39.3	58.9#
68	14.6	6.7	10.1#

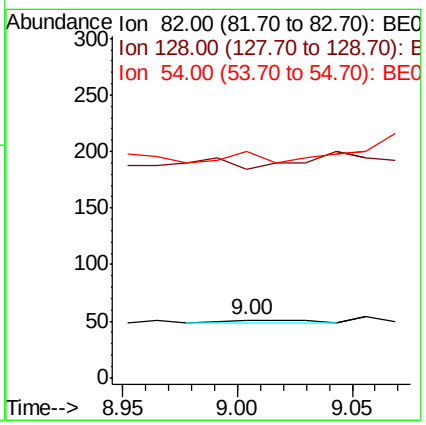


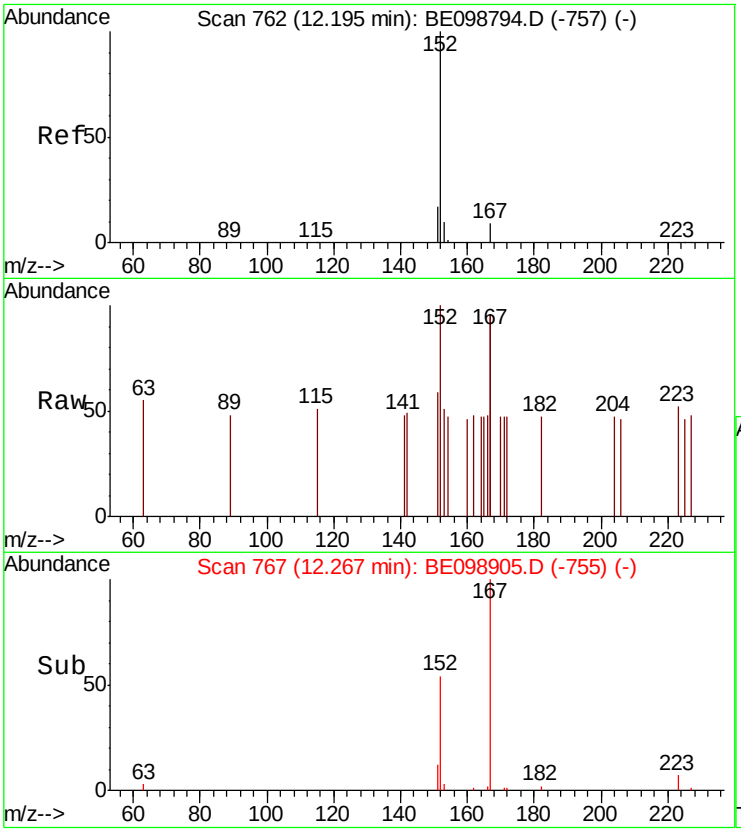


#8
Nitrobenzene-d5
Concen: 0.003 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Tgt Ion: 82 Resp: 8

Ion	Ratio	Lower	Upper
82	100		
128	360.8	123.8	185.8#
54	392.2	203.4	305.2#



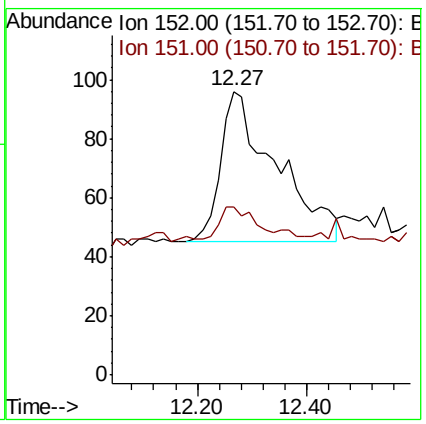


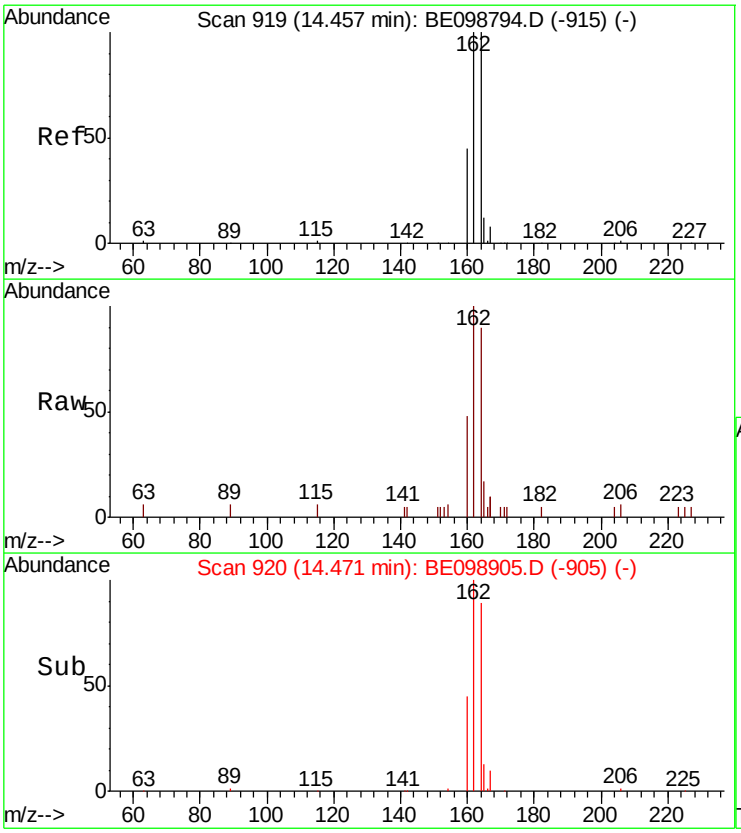
#11
2-Methylnaphthalene-d10
Concen: 0.072 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.07 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:152 Resp: 364

Ion	Ratio	Lower	Upper
152	100		
151	13.2	16.5	24.7#

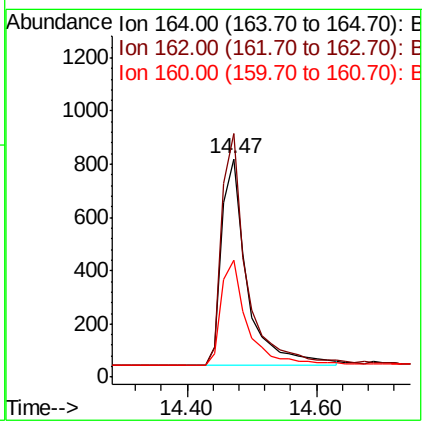


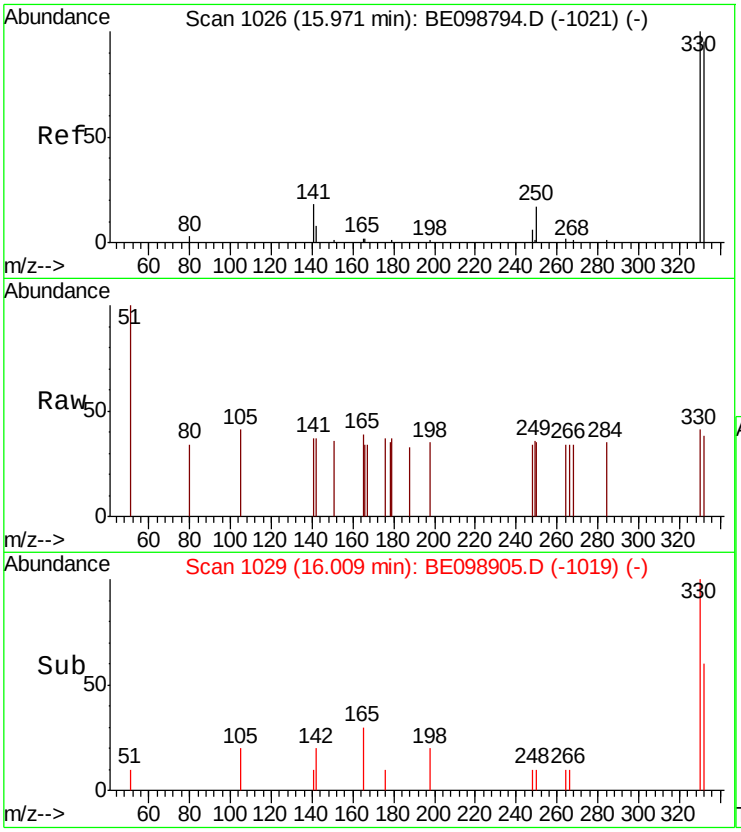


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Tgt Ion:164 Resp: 2138

Ion	Ratio	Lower	Upper
164	100		
162	111.4	80.2	120.2
160	53.6	37.8	56.8



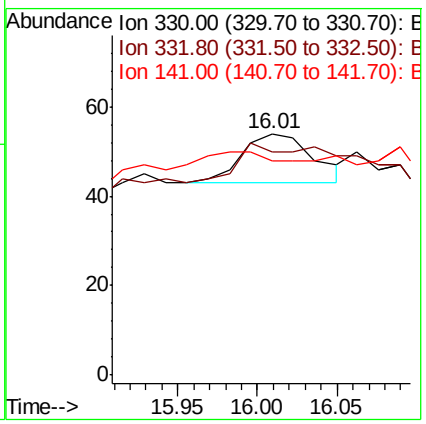


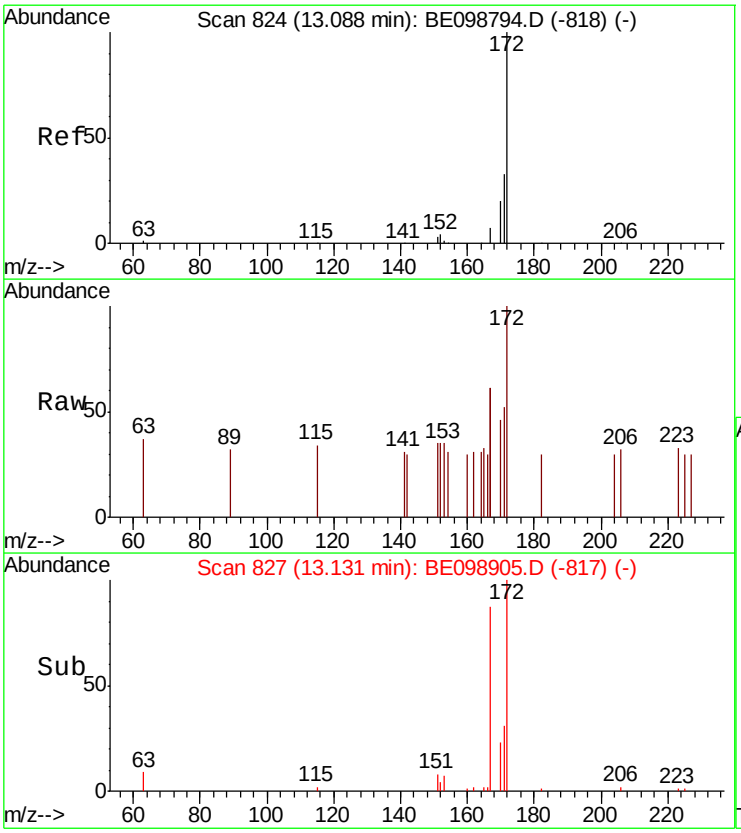
#14
2,4,6-Tribromophenol
Concen: 0.032 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.04 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:330 Resp: 35

Ion	Ratio	Lower	Upper
330	100		
332	131.4	77.6	116.4#
141	0.0	31.0	46.4#

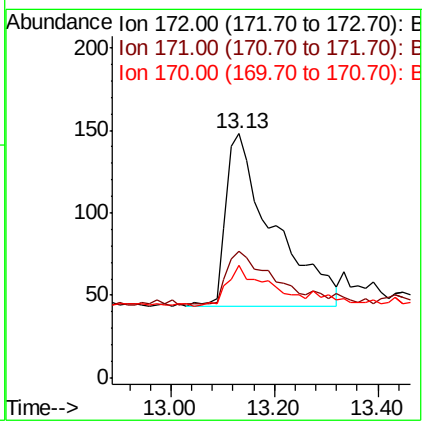


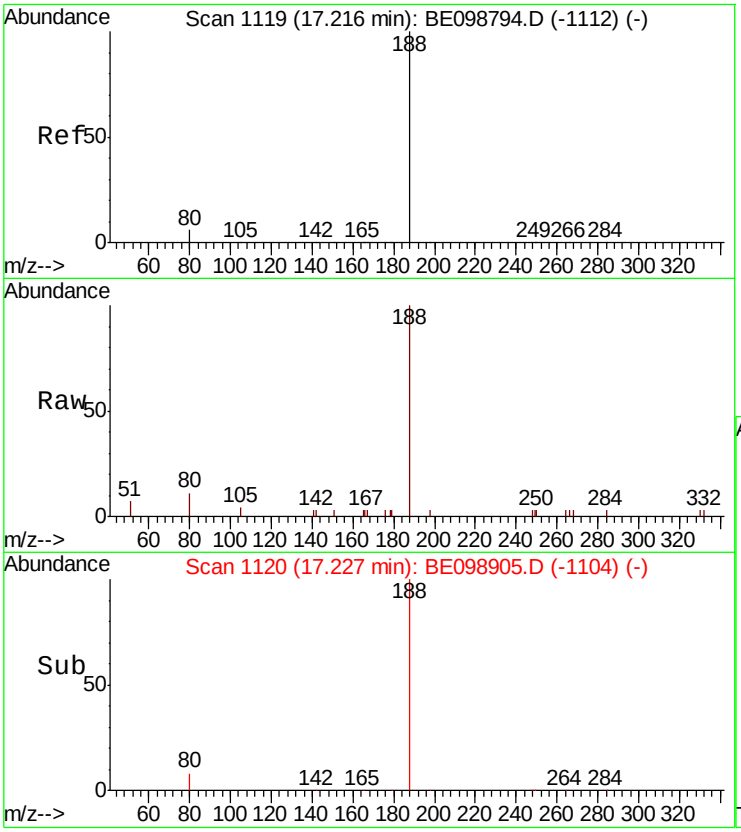


#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.04 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Tgt Ion:172 Resp: 666

Ion	Ratio	Lower	Upper
172	100		
171	52.0	28.0	42.0#
170	45.9	17.7	26.5#



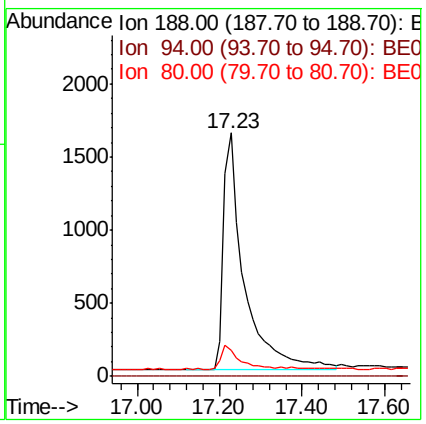


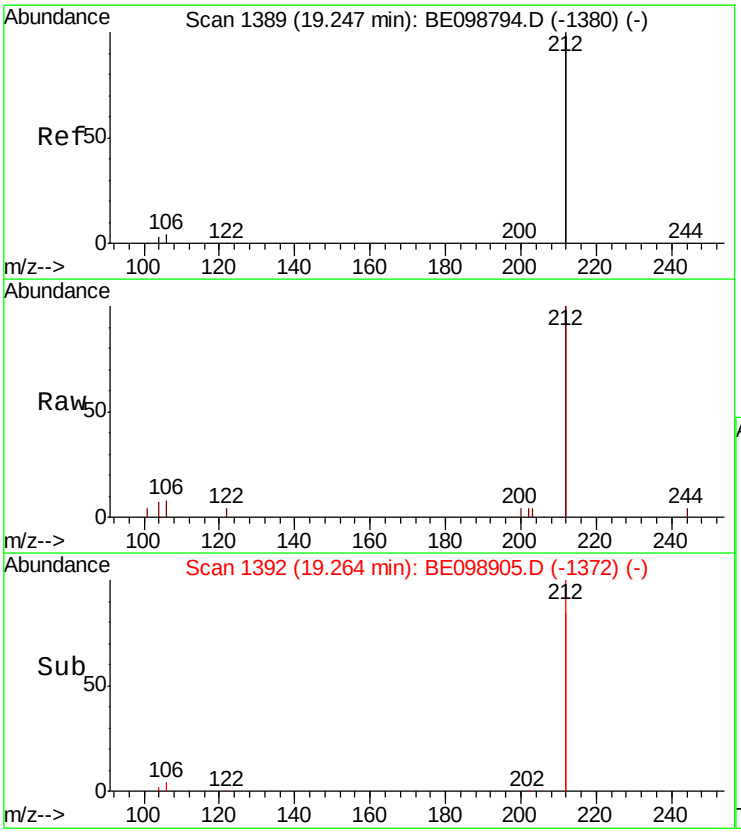
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:188 Resp: 5684

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

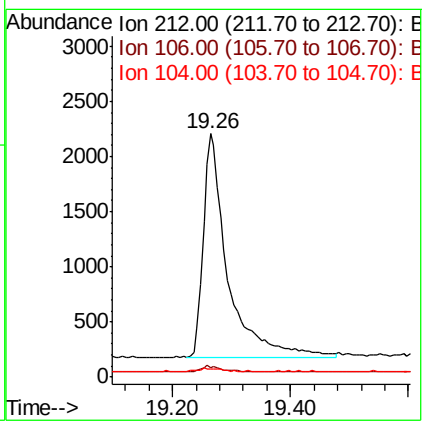


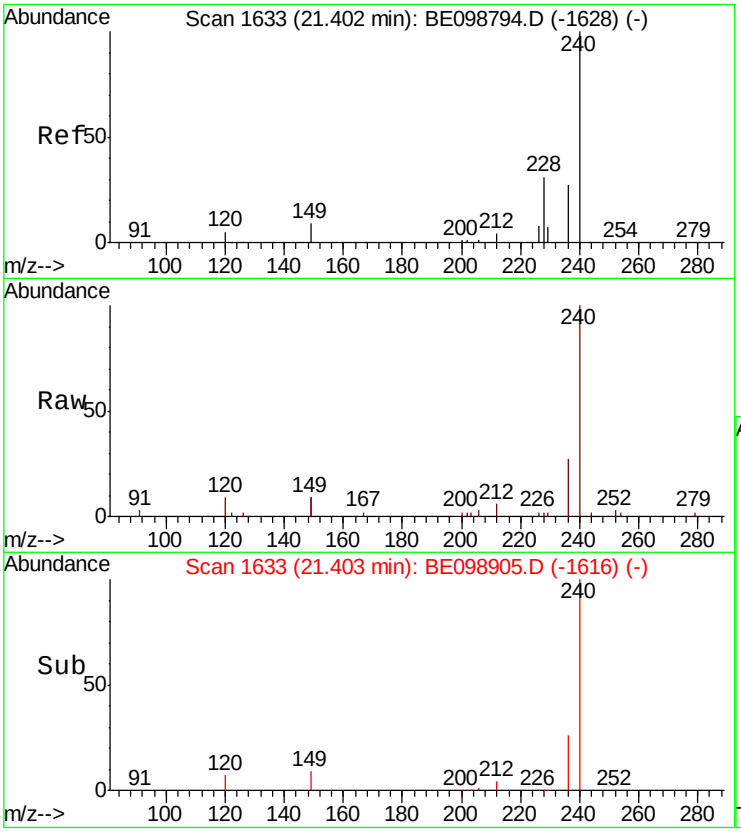


#25
Fluoranthene-d10
Concen: 0.065 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Tgt Ion:212 Resp: 5889

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	0.5	1.0	1.6#



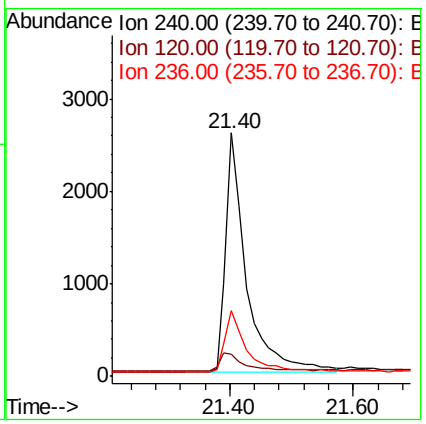


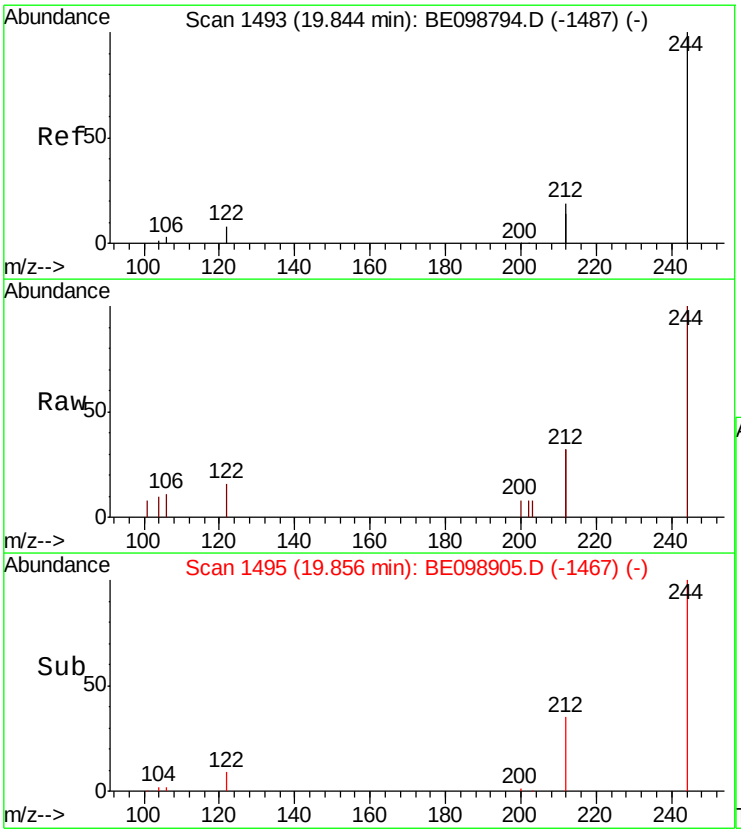
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:240 Resp: 6057

Ion	Ratio	Lower	Upper
240	100		
120	9.2	5.0	7.4#
236	27.1	22.7	34.1

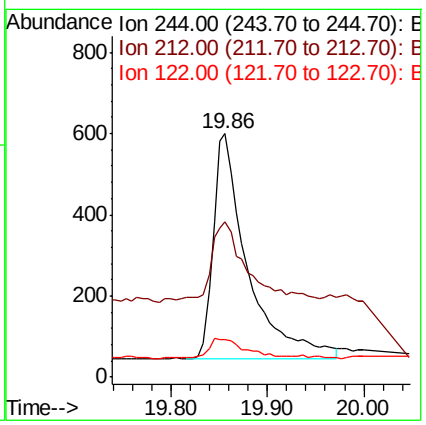


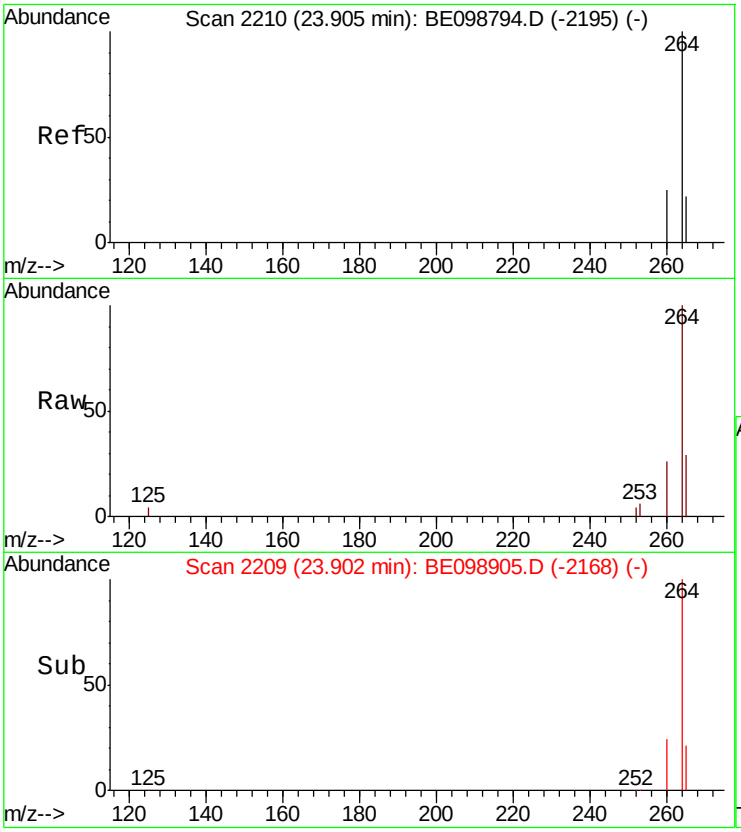


#29
Terphenyl-d14
Concen: 0.094 ng
RT: 19.86 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BE098905.D
Acq: 12 Mar 2019 19:34

Tgt Ion:244 Resp: 1377

Ion	Ratio	Lower	Upper
244	100		
212	63.7	29.4	44.2#
122	15.7	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: BE098905.D
Acq: 12 Mar 2019 19:34

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:264 Resp: 5904

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.2	31.8
265	29.3	24.6	36.8