Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
Data File : BE098906.D
Acq On : 12 Mar 2019 20:09
Operator : JU/SJ
Sample : K1841-07DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE125D2-20190308DL

Quant Time: Mar 13 07:46:31 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	554	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2808	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2233	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5390	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6278	0.40	ng	0.00
34) Perylene-d12	23.90	264	5852	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	26	0.02	ng	0.03
5) Phenol-d6	7.01	99	12	0.01	ng	0.02
8) Nitrobenzene-d5	9.11	82	90	0.03	ng	0.14
11) 2-Methylnaphthalene-d10	12.25	152	403	0.08	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	50	0.04	ng	0.03
15) 2-Fluorobiphenyl	13.13	172	690	0.07	ng	0.04
25) Fluoranthene-d10	19.26	212	6380	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1562	0.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	2202	2.477	ng	98
22) Pentachlorophenol	16.93	266	3	0.267	ng	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
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Acq On : 12 Mar 2019 20:09
Operator : JU/SJ
Sample : K1841-07DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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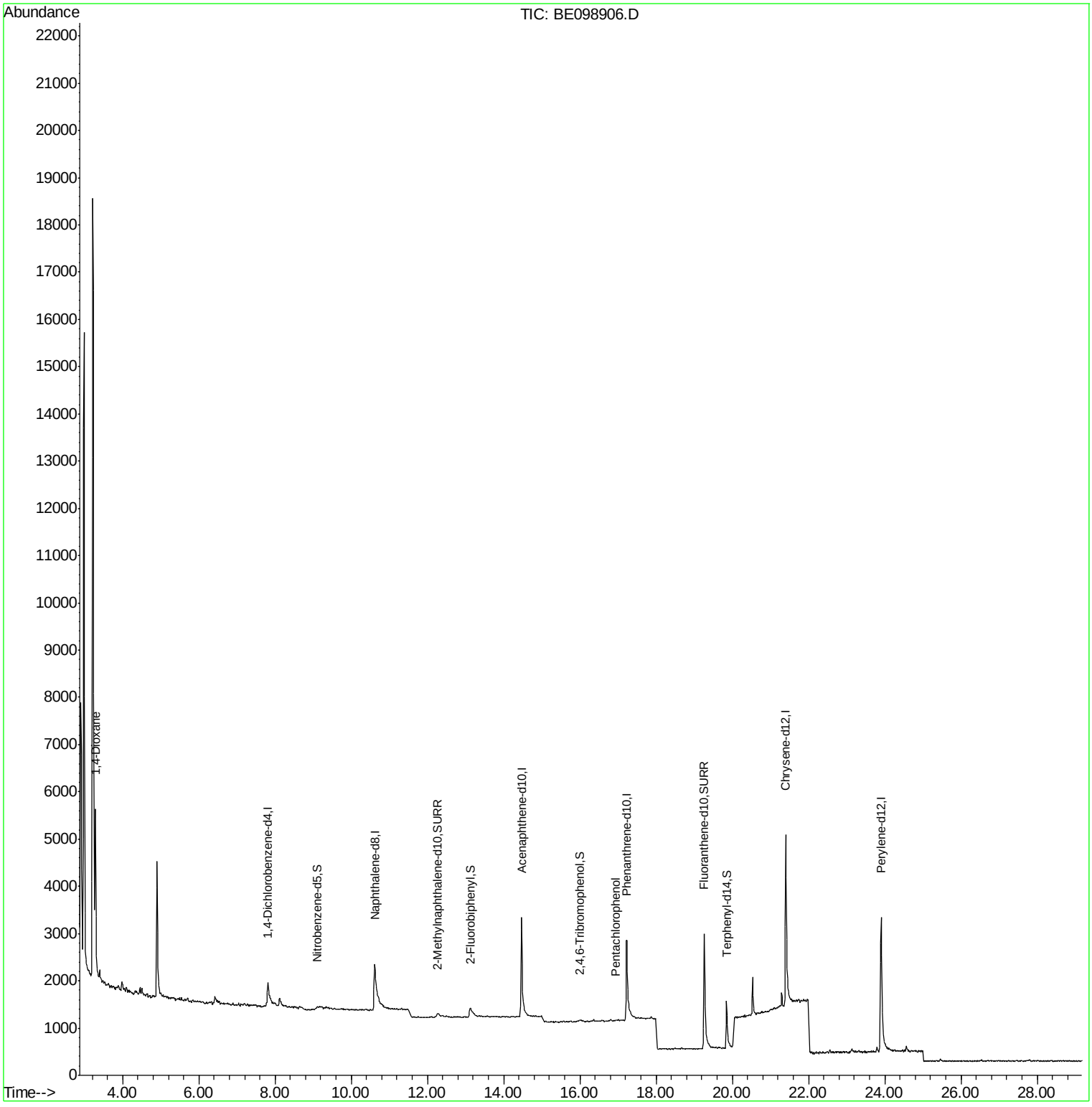
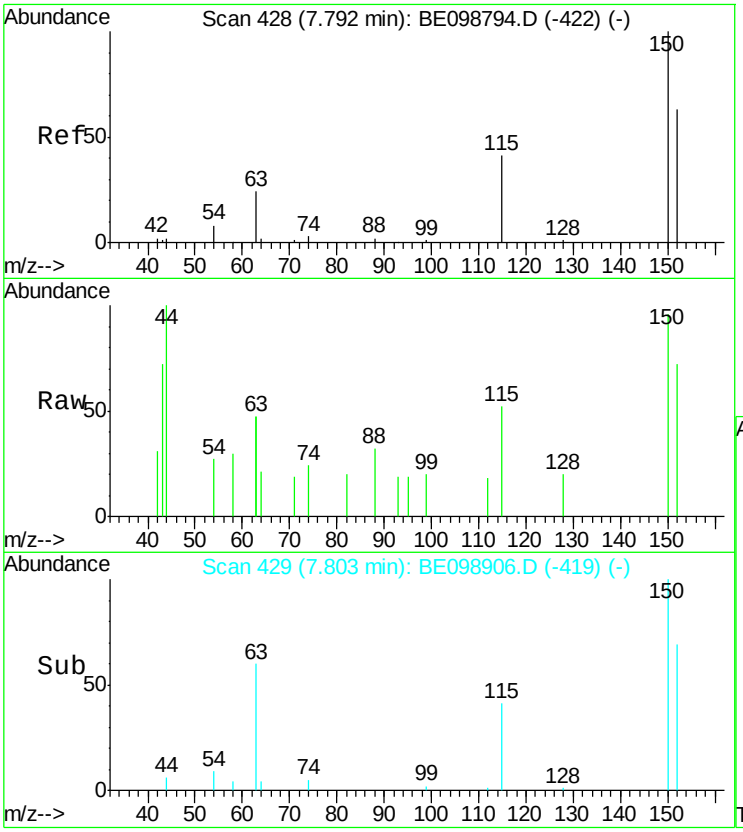


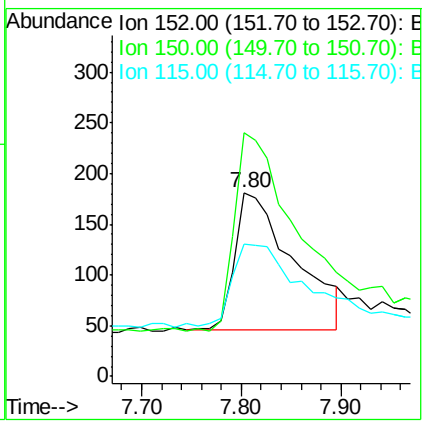


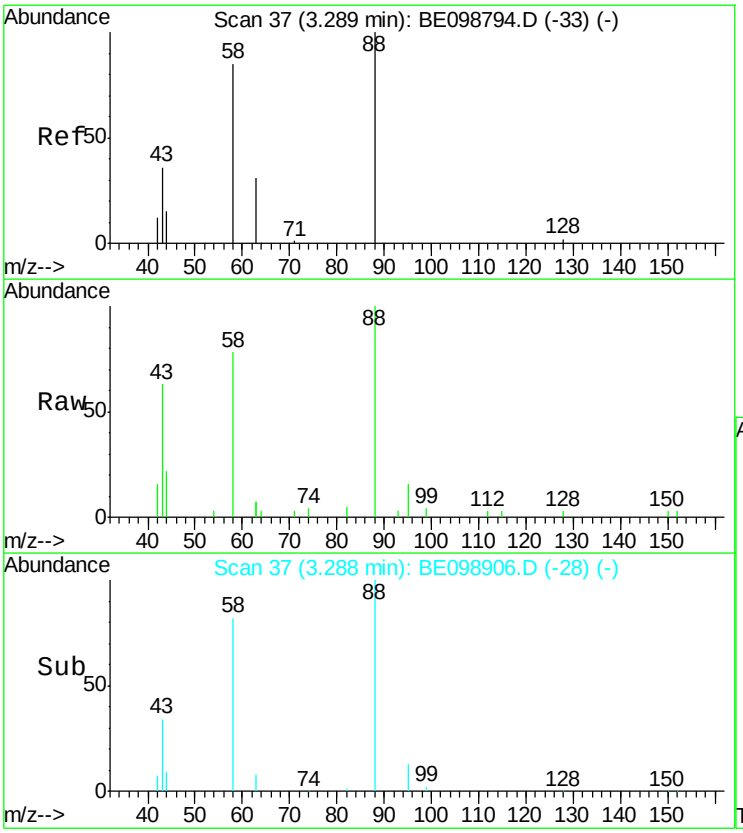
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:152 Resp: 554

Ion	Ratio	Lower	Upper
152	100		
150	132.6	122.5	183.7
115	71.8	57.4	86.2

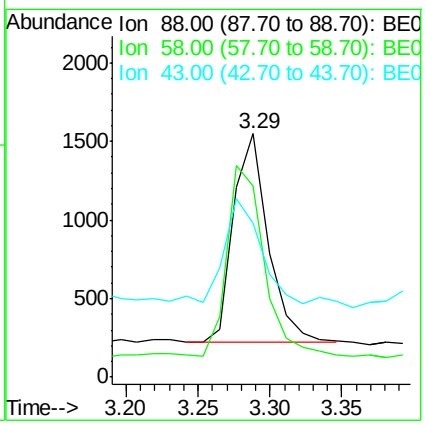


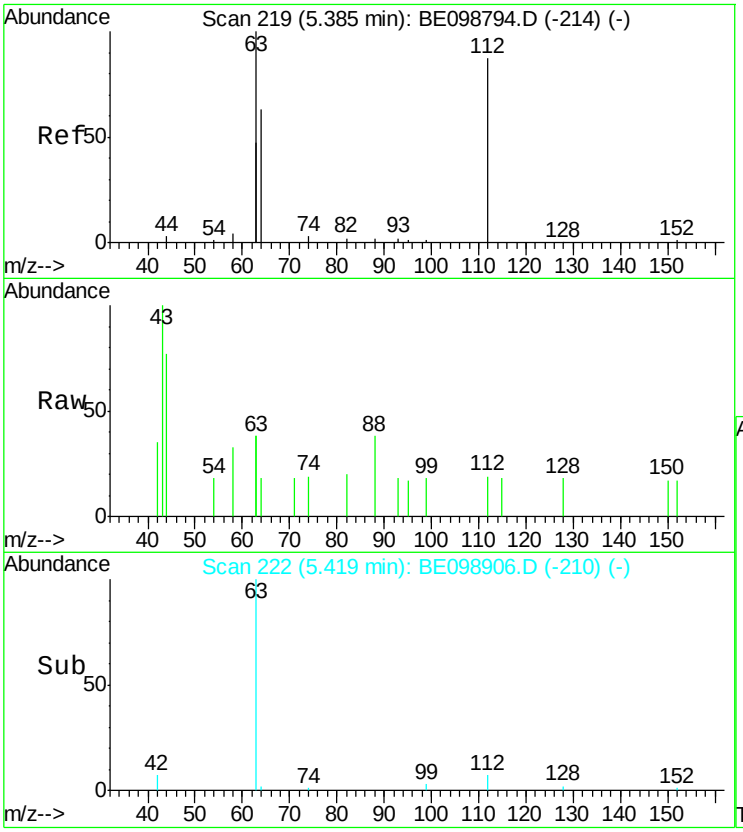


#2
1,4-Dioxane
Concen: 2.477 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Tgt Ion: 88 Resp: 2202

Ion	Ratio	Lower	Upper
88	100		
58	96.3	75.8	113.6
43	50.3	41.8	62.8



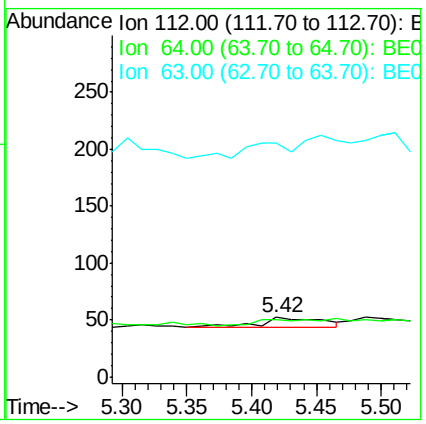


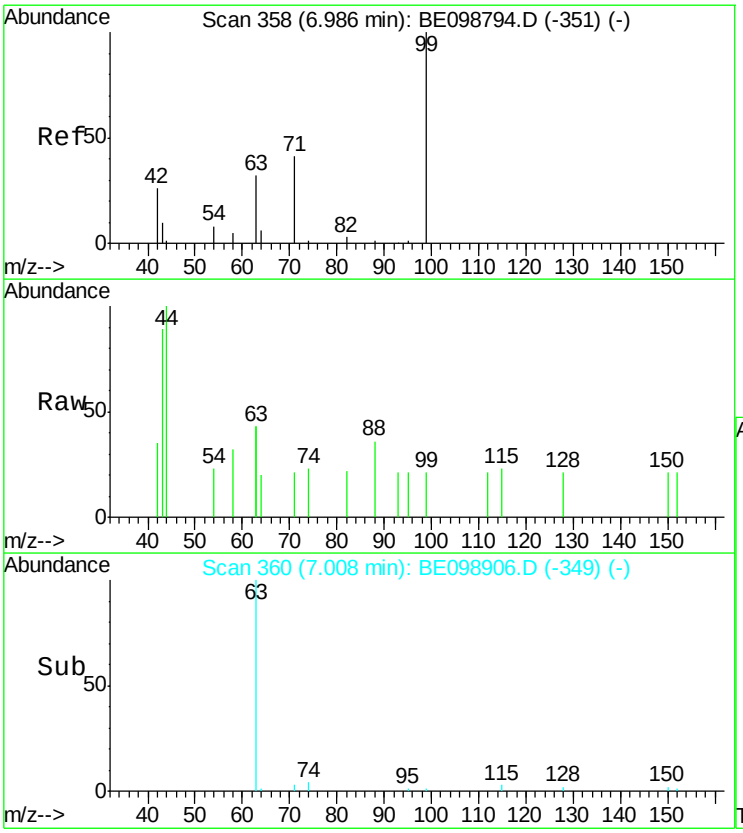
#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.03 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:112 Resp: 26

Ion	Ratio	Lower	Upper
112	100		
64	42.3	57.9	86.9#
63	134.6	158.3	237.5#

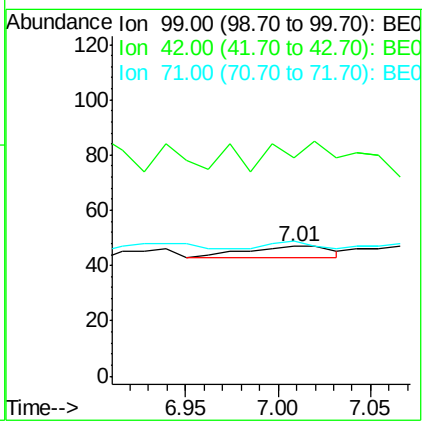


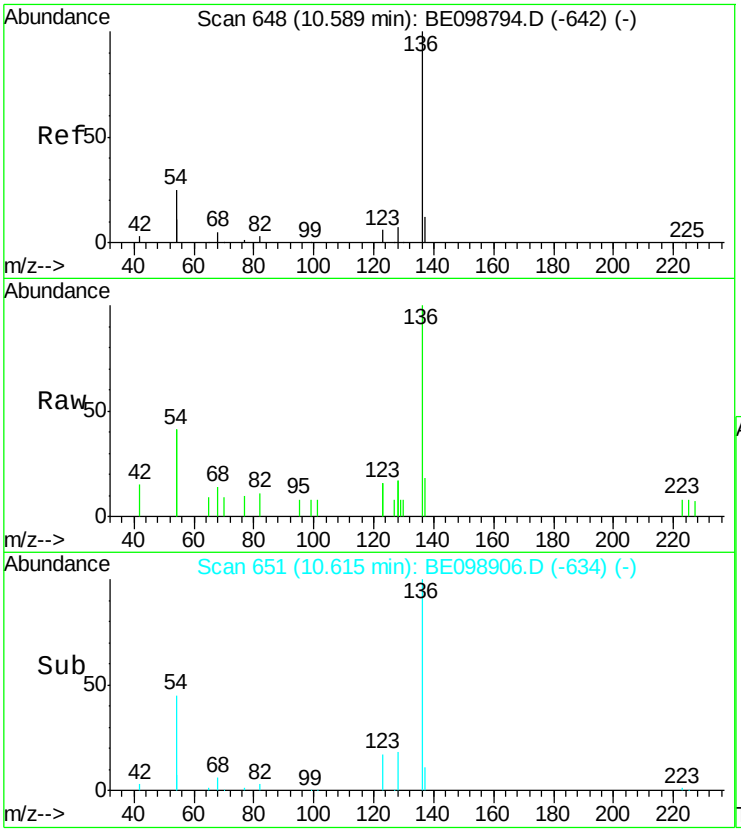


#5
Phenol-d6
Concen: 0.005 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.02 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Tgt Ion: 99 Resp: 12

Ion	Ratio	Lower	Upper
99	100		
42	325.0	24.2	36.2#
71	33.3	35.7	53.5#



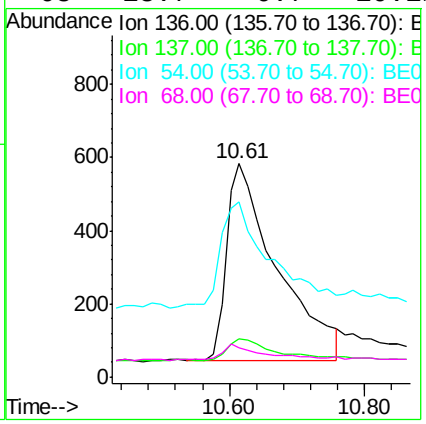


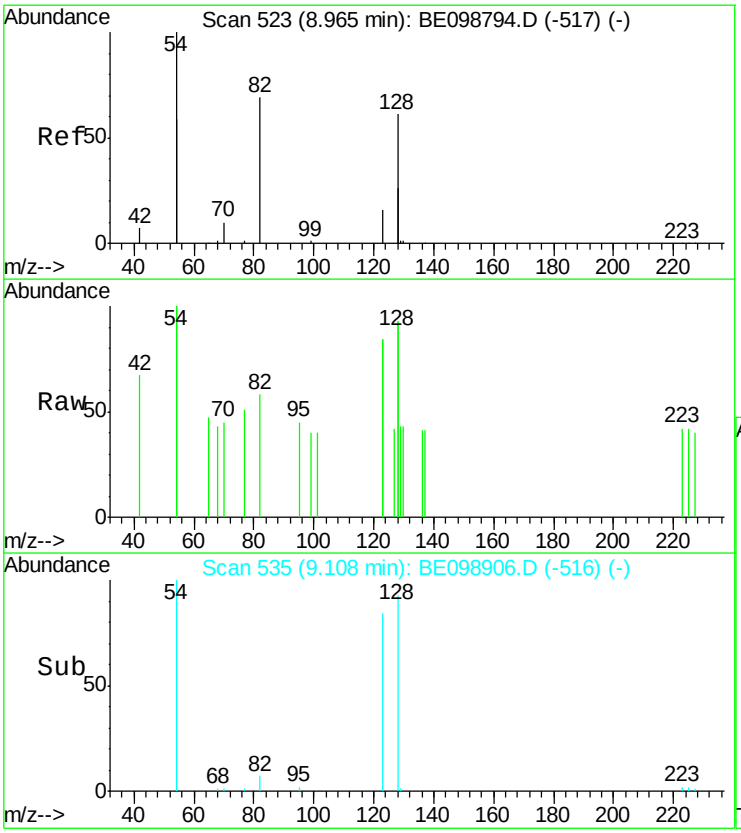
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 651
Delta R.T. 0.03 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:136 Resp: 2808

Ion	Ratio	Lower	Upper
136	100		
137	17.6	11.4	17.0#
54	82.2	39.3	58.9#
68	13.7	6.7	10.1#

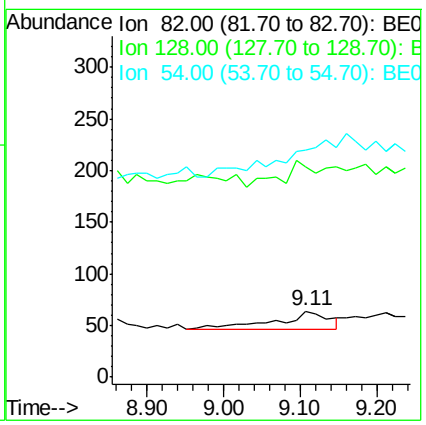


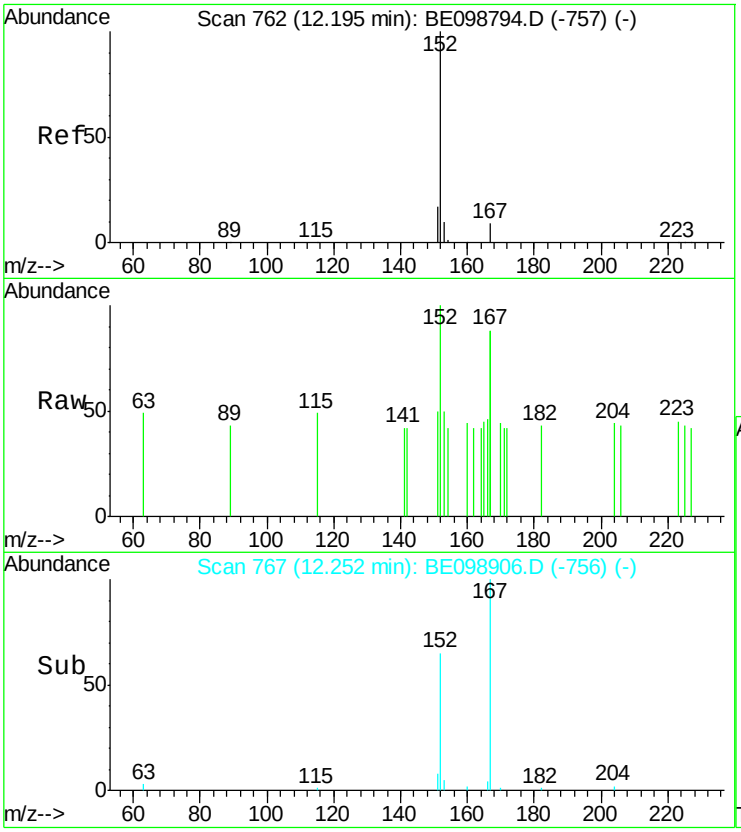


#8
Nitrobenzene-d5
Concen: 0.031 ng
RT: 9.11 min Scan# 535
Delta R.T. 0.14 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Tgt Ion: 82 Resp: 90

Ion	Ratio	Lower	Upper
82	100		
128	318.8	123.8	185.8#
54	343.8	203.4	305.2#



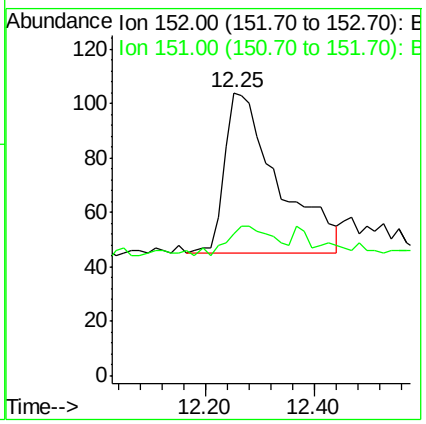


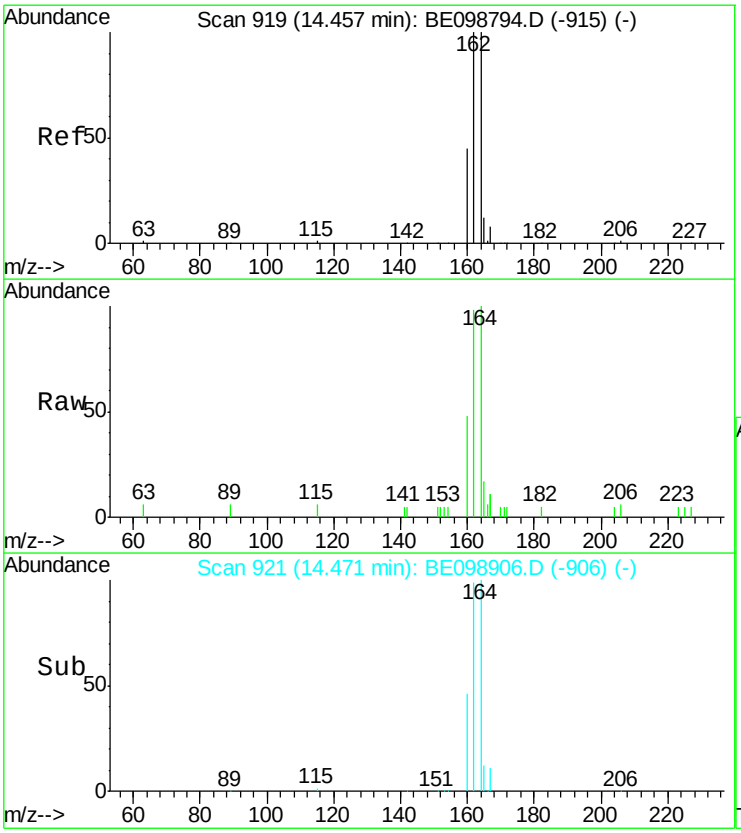
#11
2-Methylnaphthalene-d10
Concen: 0.078 ng
RT: 12.25 min Scan# 767
Delta R.T. 0.06 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:152 Resp: 403

Ion	Ratio	Lower	Upper
152	100		
151	16.1	16.5	24.7#

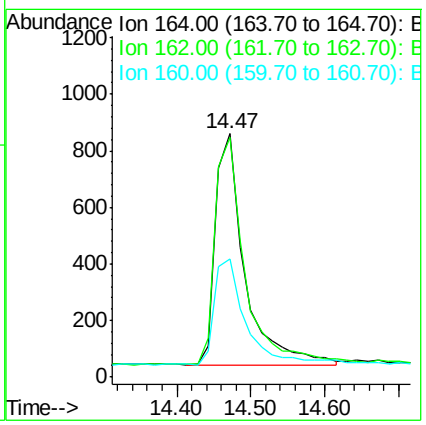


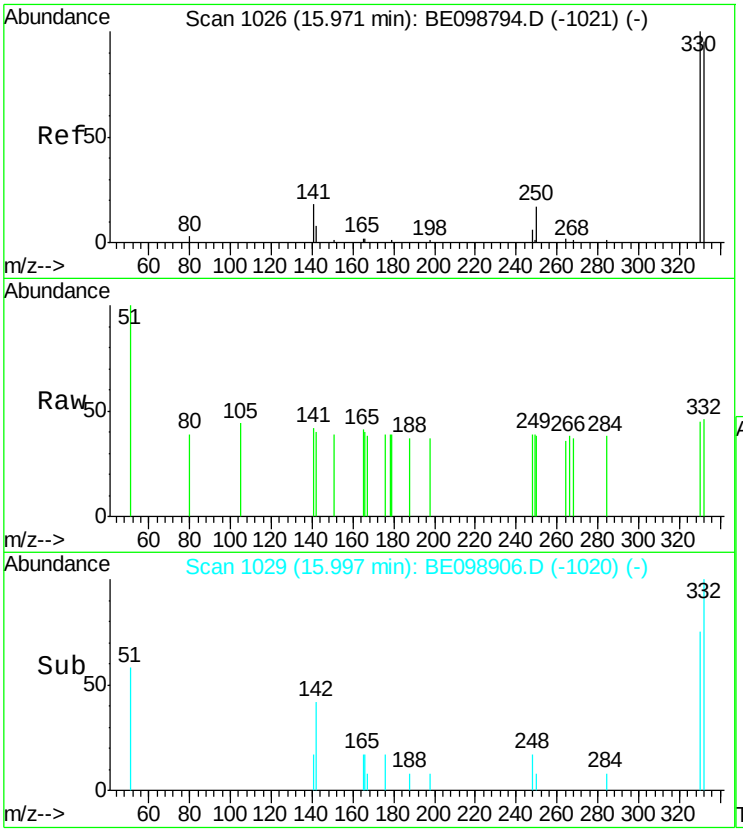


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 921
Delta R.T. 0.01 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Tgt Ion:164 Resp: 2233

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.2	120.2
160	48.4	37.8	56.8



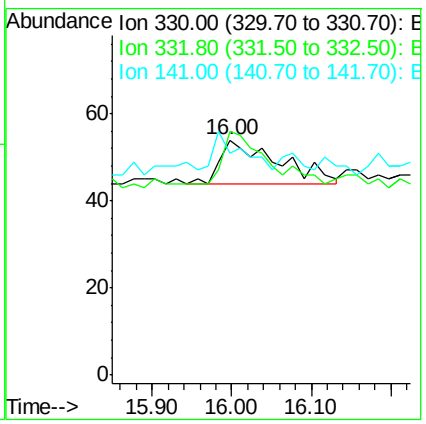


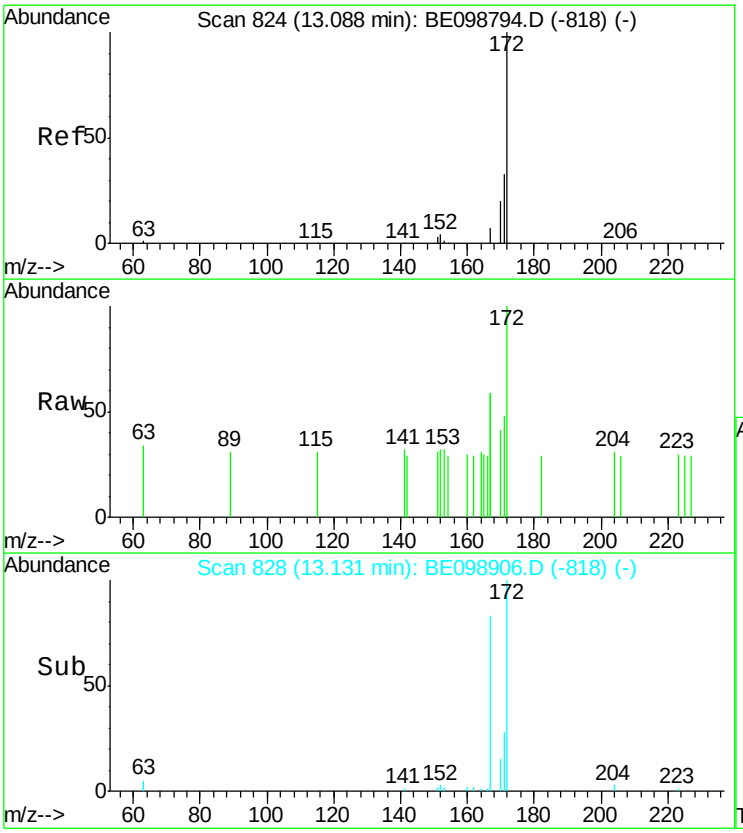
#14
2,4,6-Tribromophenol
Concen: 0.044 ng
RT: 16.00 min Scan# 1029
Delta R.T. 0.03 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:330 Resp: 50

Ion	Ratio	Lower	Upper
330	100		
332	88.0	77.6	116.4
141	40.0	31.0	46.4

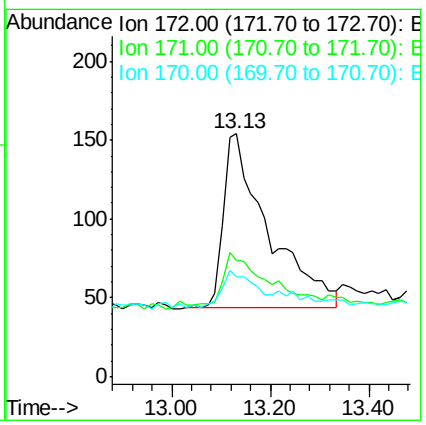


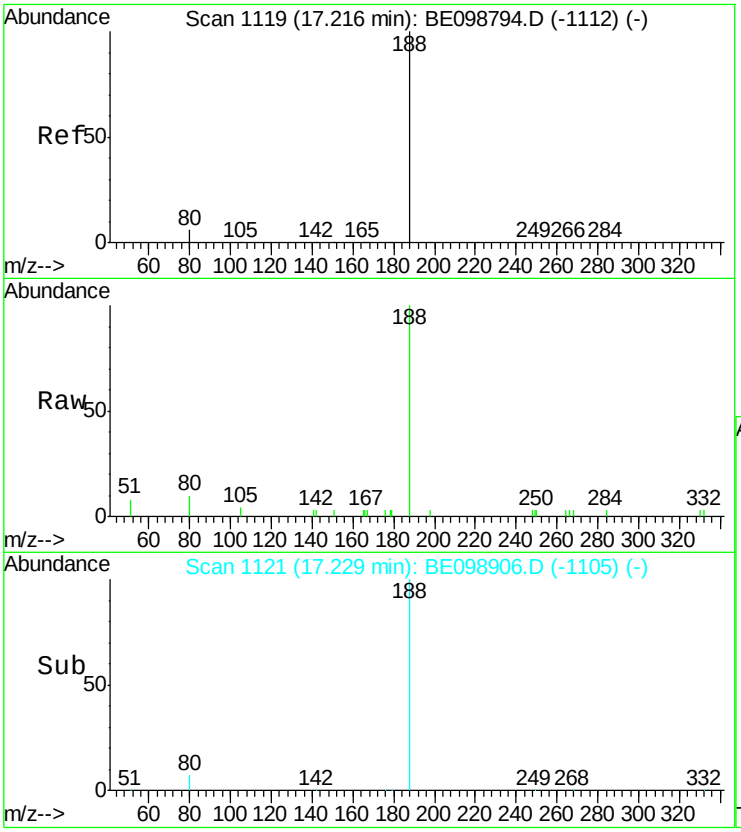


#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 13.13 min Scan# 828
Delta R.T. 0.04 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Tgt Ion:172 Resp: 690

Ion	Ratio	Lower	Upper
172	100		
171	48.1	28.0	42.0#
170	40.9	17.7	26.5#



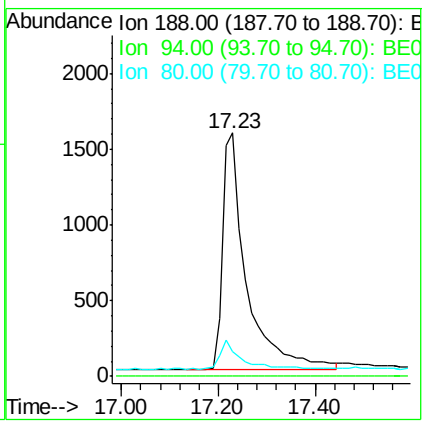


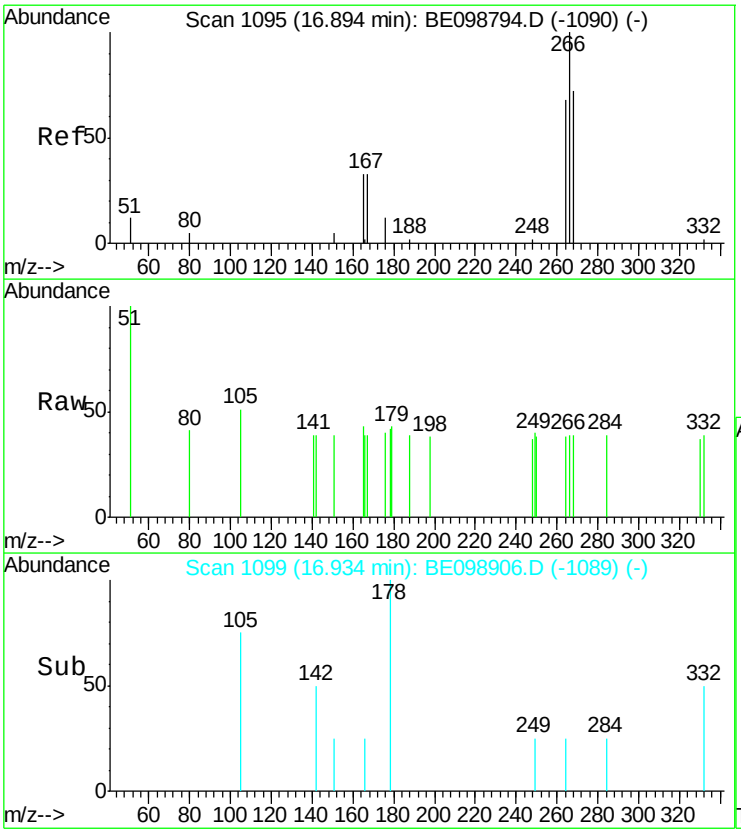
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:188 Resp: 5390

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	6.3	9.5#

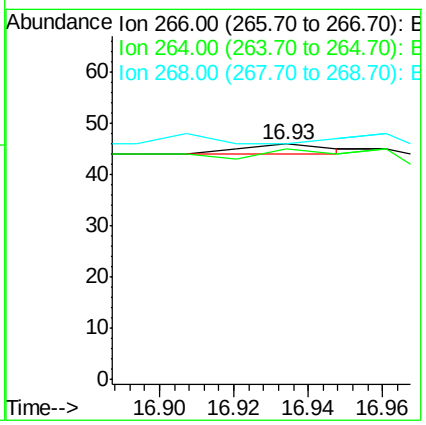


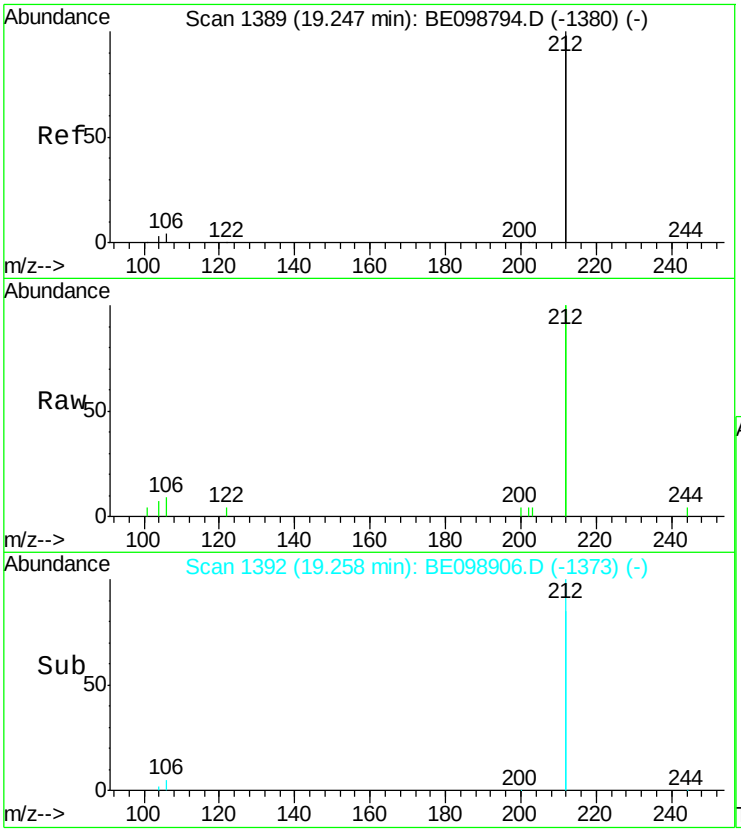


#22
Pentachlorophenol
Concen: 0.267 ng
RT: 16.93 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Tgt Ion:266 Resp: 3

Ion	Ratio	Lower	Upper
266	100		
264	97.8	66.6	100.0
268	100.0	69.8	104.8



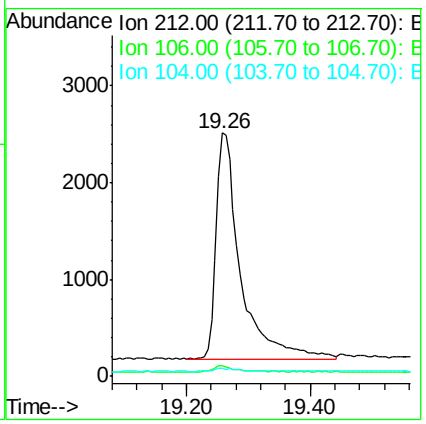


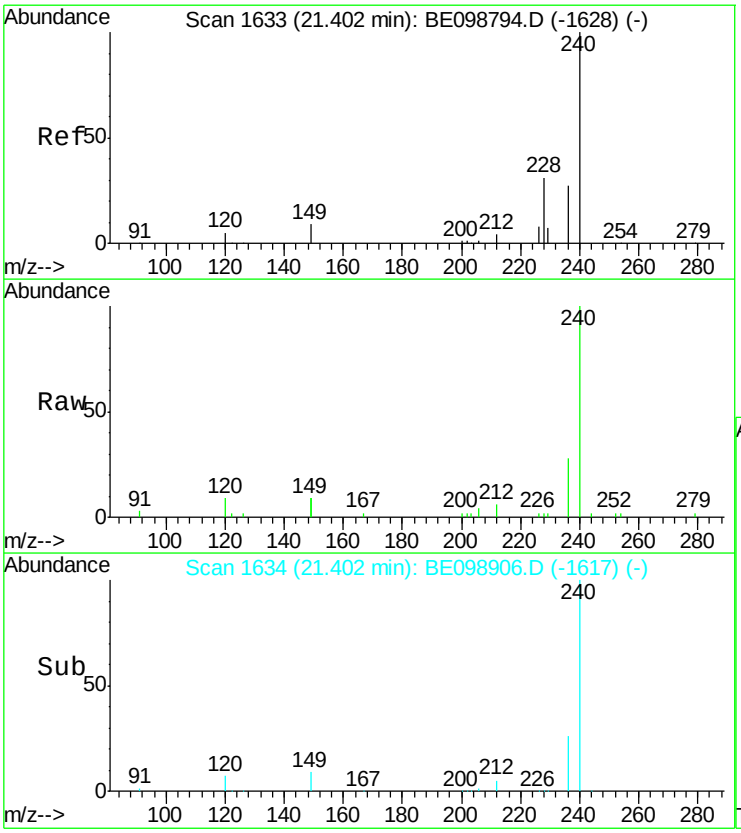
#25
Fluoranthene-d10
Concen: 0.074 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:212 Resp: 6380

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.8
104	1.3	1.0	1.6

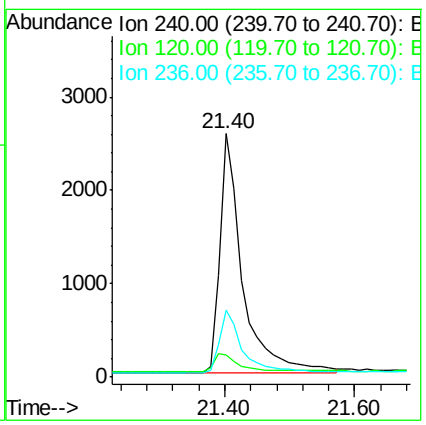


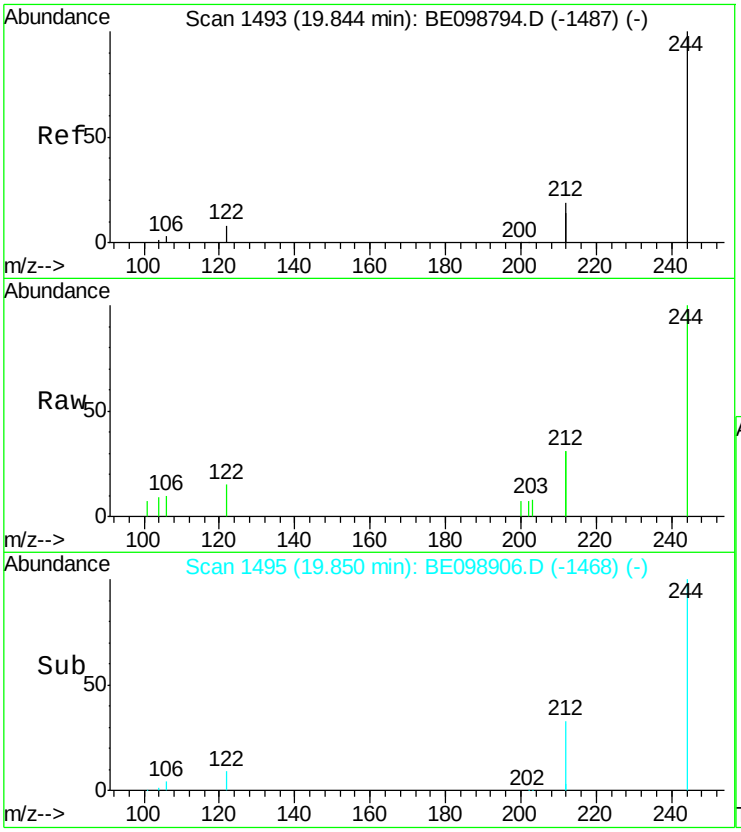


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Tgt Ion:240 Resp: 6278

Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.0	7.4#
236	27.8	22.7	34.1



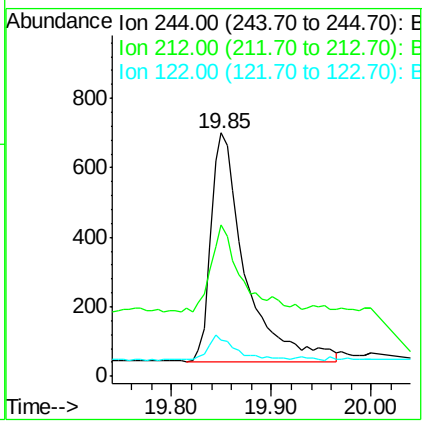


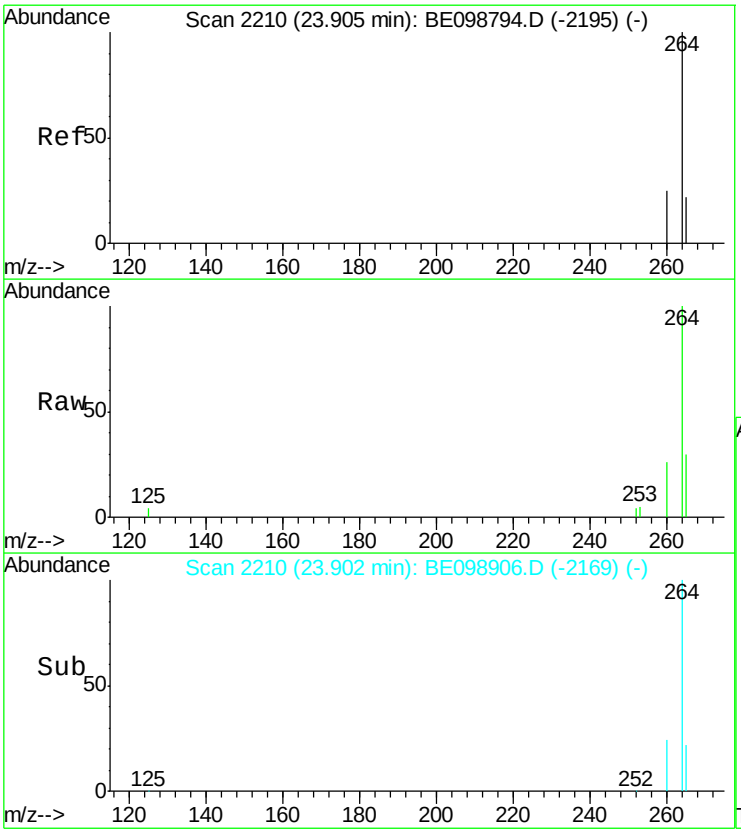
#29
Terphenyl-d14
Concen: 0.102 ng
RT: 19.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190308DL

Tgt Ion:244 Resp: 1562

Ion	Ratio	Lower	Upper
244	100		
212	62.2	29.4	44.2#
122	15.0	7.1	10.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BE098906.D
Acq: 12 Mar 2019 20:09

Tgt Ion:264 Resp: 5852

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.2	31.8
265	29.8	24.6	36.8