Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098912.D
Acq On : 13 Mar 2019 15:19
Operator : JU/SJ
Sample : PB117852BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 14 06:55:36 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	529	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	2225	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	1782	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4434	0.40	ng	0.01
27) Chrysene-d12	21.41	240	5026	0.40	ng	0.01
34) Perylene-d12	23.91	264	4895	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	389	0.25	ng	0.04
5) Phenol-d6	7.06	99	495	0.22	ng	0.07
8) Nitrobenzene-d5	9.07	82	166	0.07	ng	0.10
11) 2-Methylnaphthalene-d10	12.24	152	1058	0.26	ng	0.04
14) 2,4,6-Tribromophenol	16.01	330	173	0.19	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	1997	0.27	ng	0.03
25) Fluoranthene-d10	19.25	212	18572	0.26	ng	0.00
29) Terphenyl-d14	19.85	244	3596	0.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	15	Below Cal	#	1
3) n-Nitrosodimethylamine	3.62	42	73	0.055	ng #	27
22) Pentachlorophenol	16.91	266	4	0.269	ng	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
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Sample : PB117852BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

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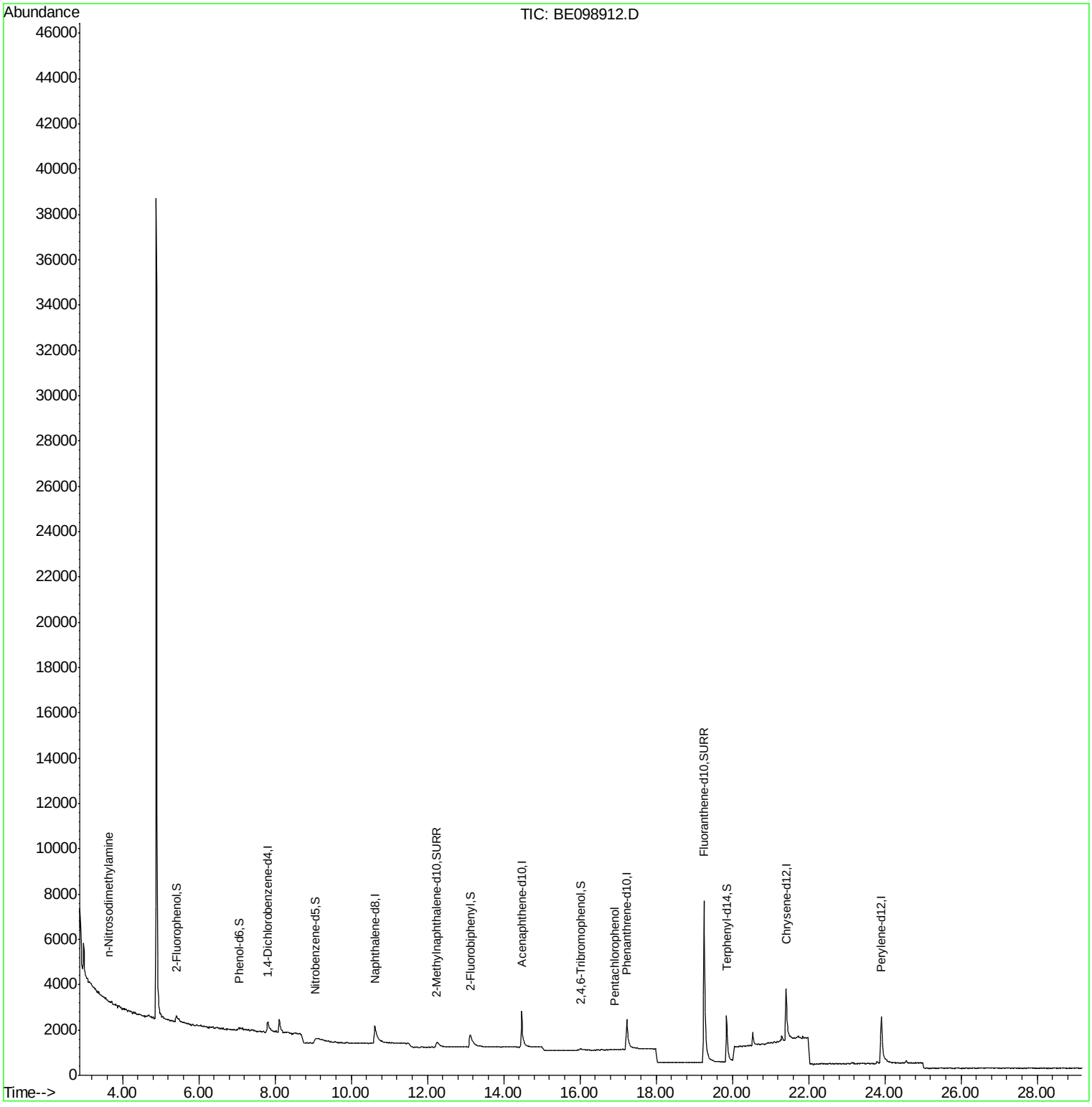
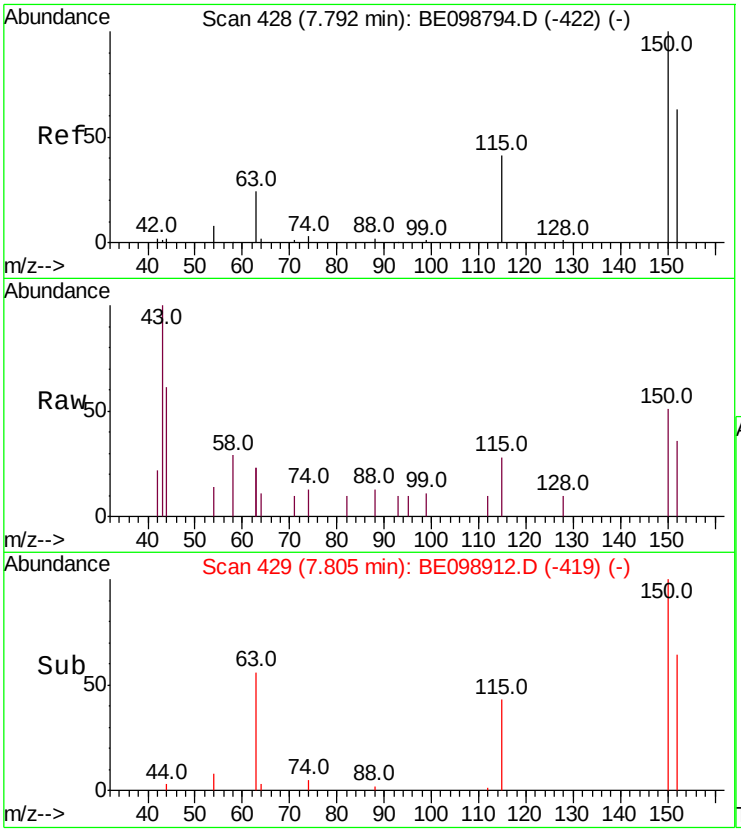


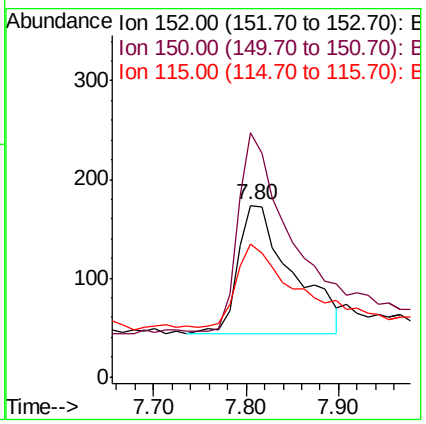


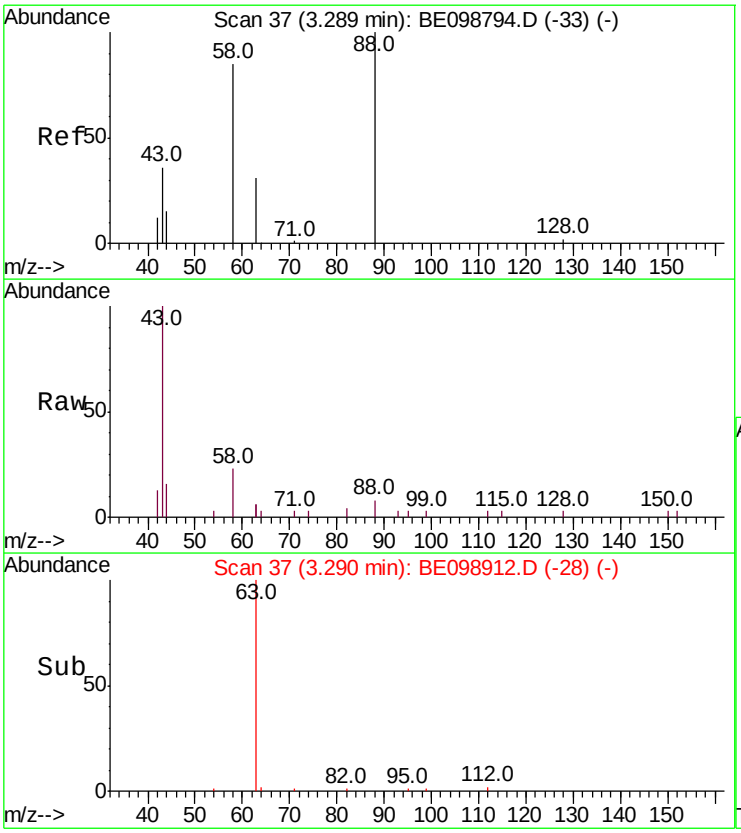
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 529

Ion	Ratio	Lower	Upper
152	100		
150	142.0	122.5	183.7
115	77.6	57.4	86.2

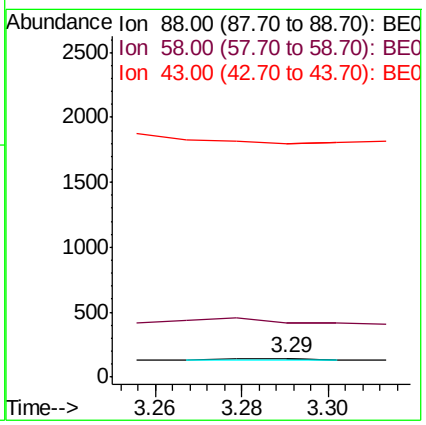


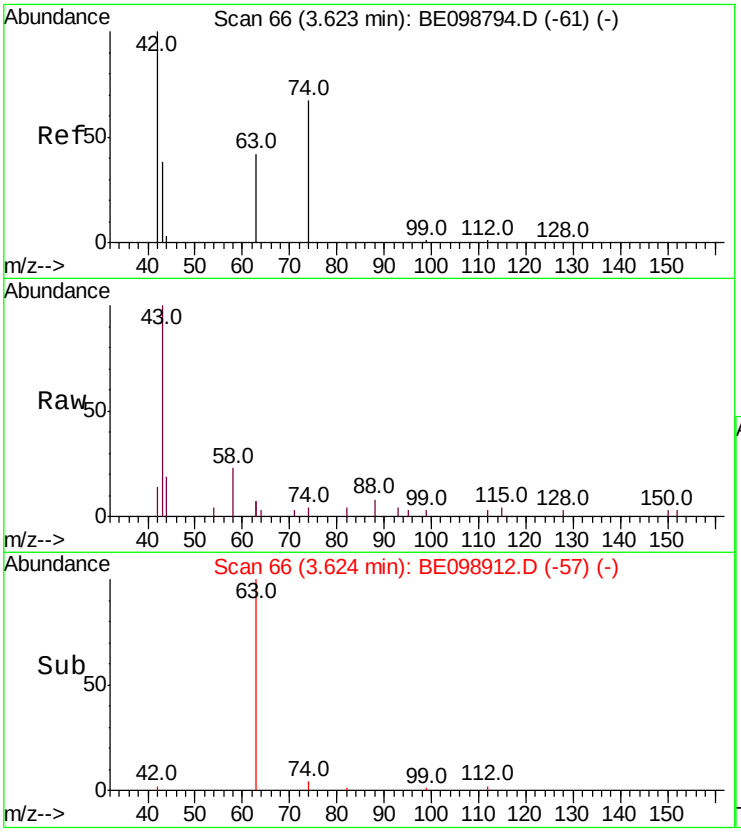


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion: 88 Resp: 15

Ion	Ratio	Lower	Upper
88	100		
58	520.0	75.8	113.6#
43	0.0	41.8	62.8#



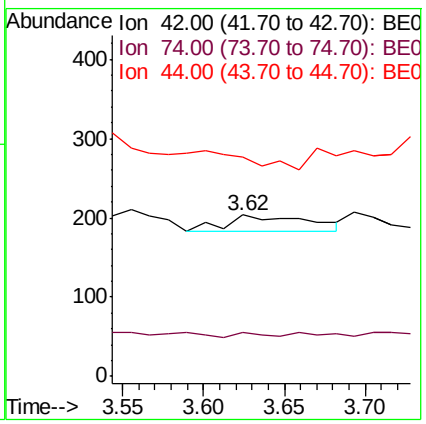


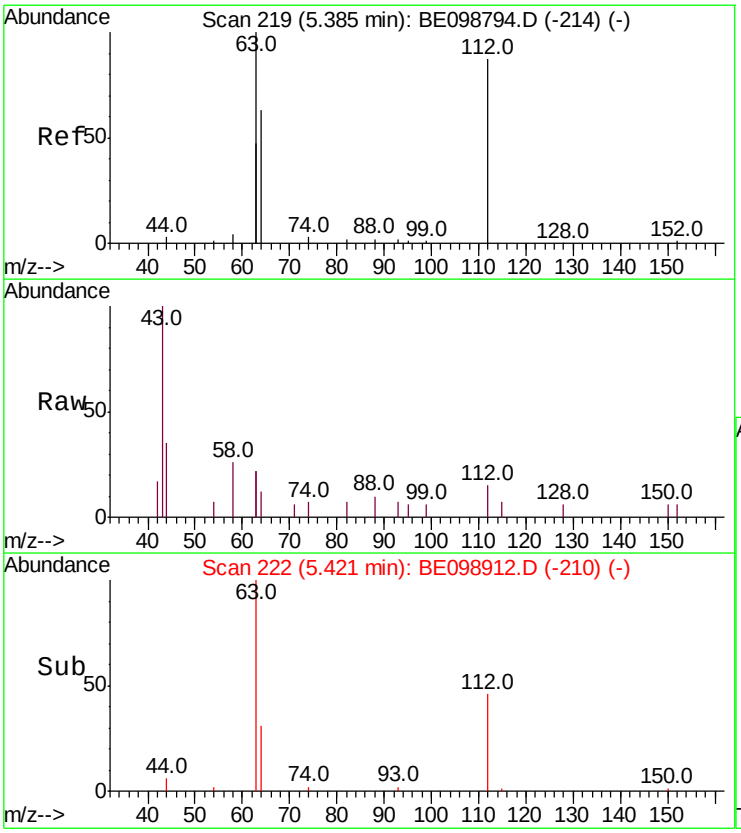
#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 73

Ion	Ratio	Lower	Upper
42	100		
74	11.0	57.0	85.4#
44	0.0	0.0	0.0

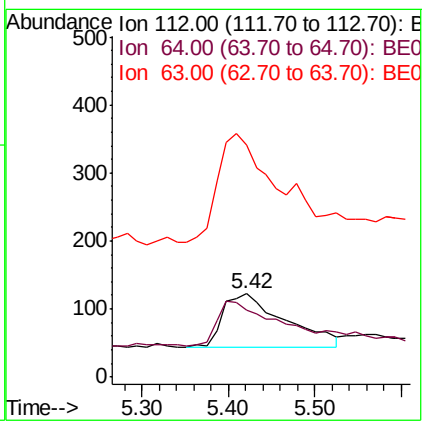


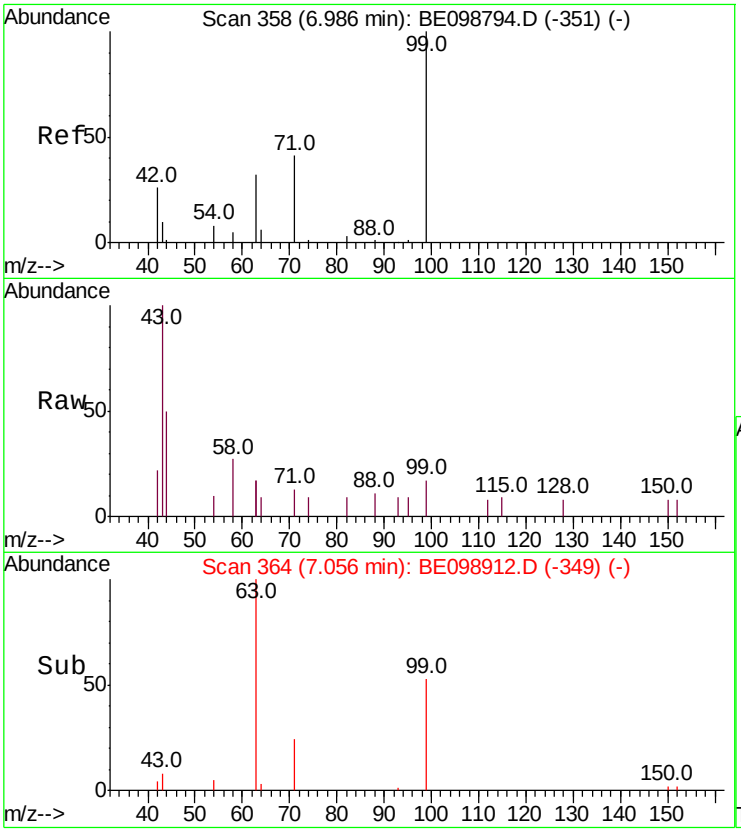


#4
2-Fluorophenol
Concen: 0.246 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.04 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:112 Resp: 389

Ion	Ratio	Lower	Upper
112	100		
64	0.0	57.9	86.9#
63	236.2	158.3	237.5



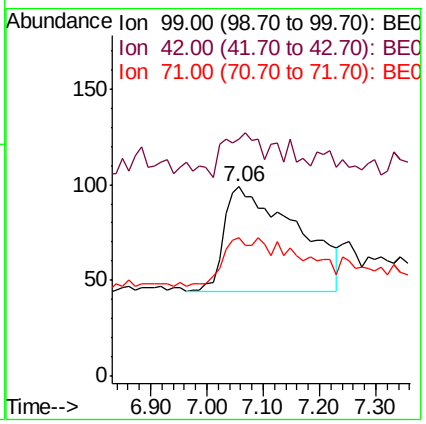


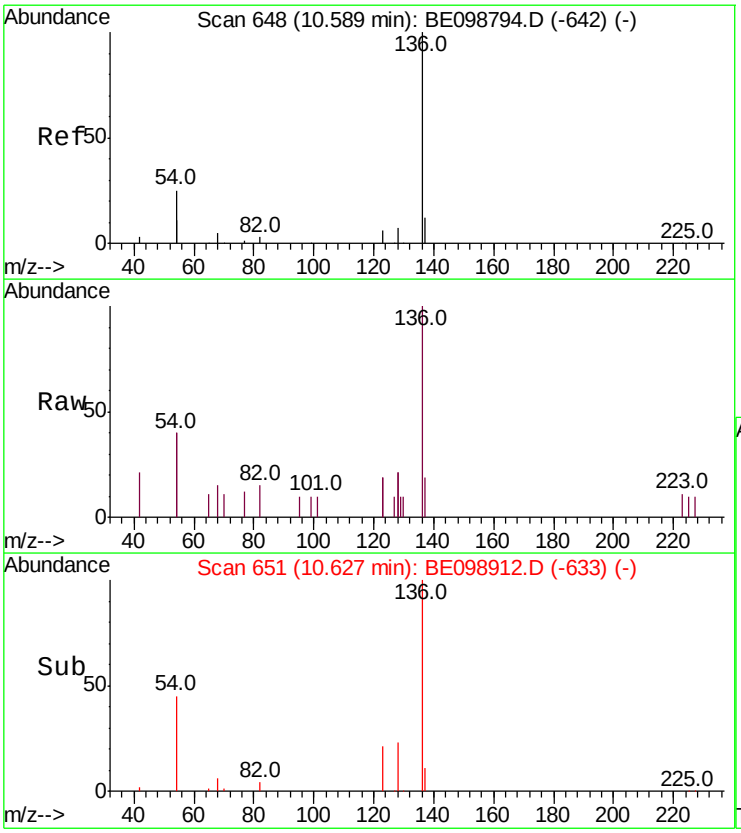
#5
Phenol-d6
Concen: 0.222 ng
RT: 7.06 min Scan# 364
Delta R.T. 0.07 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 495

Ion	Ratio	Lower	Upper
99	100		
42	14.1	24.2	36.2#
71	13.5	35.7	53.5#

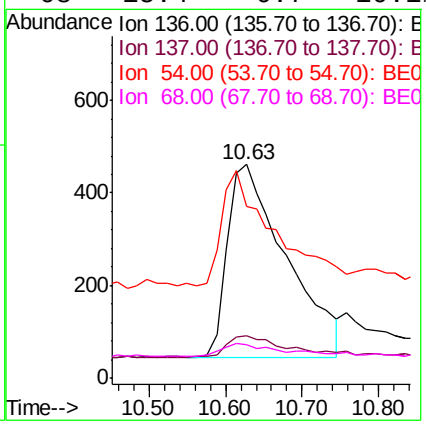


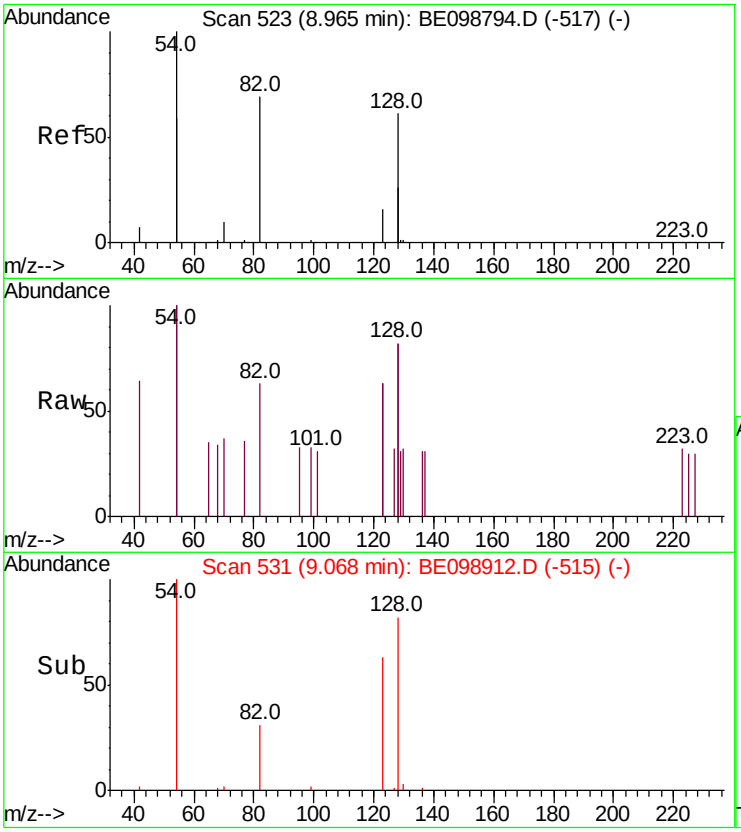


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. 0.04 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:136 Resp: 2225

Ion	Ratio	Lower	Upper
136	100		
137	19.5	11.4	17.0#
54	80.5	39.3	58.9#
68	15.4	6.7	10.1#



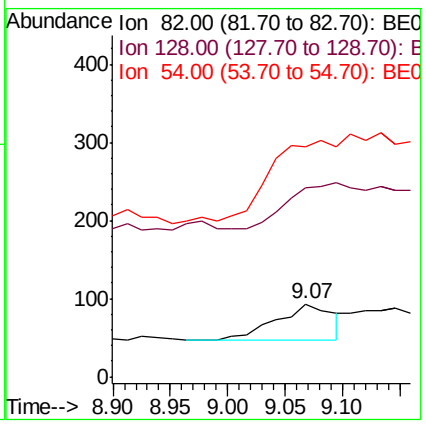


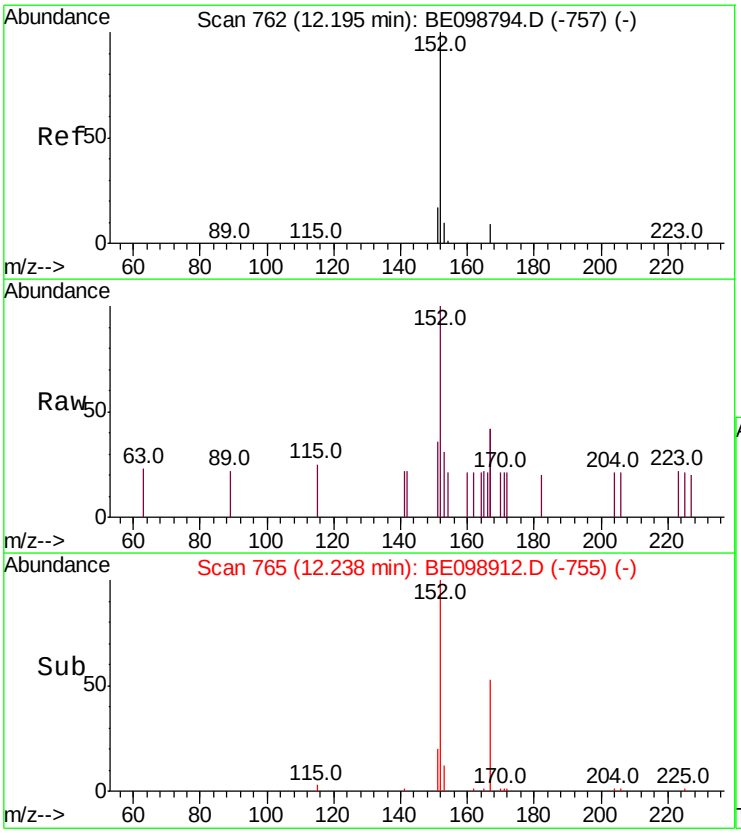
#8
Nitrobenzene-d5
Concen: 0.071 ng
RT: 9.07 min Scan# 531
Delta R.T. 0.10 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 166

Ion	Ratio	Lower	Upper
82	100		
128	260.2	123.8	185.8#
54	316.1	203.4	305.2#

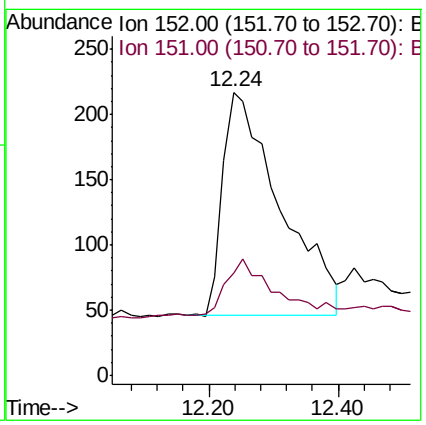


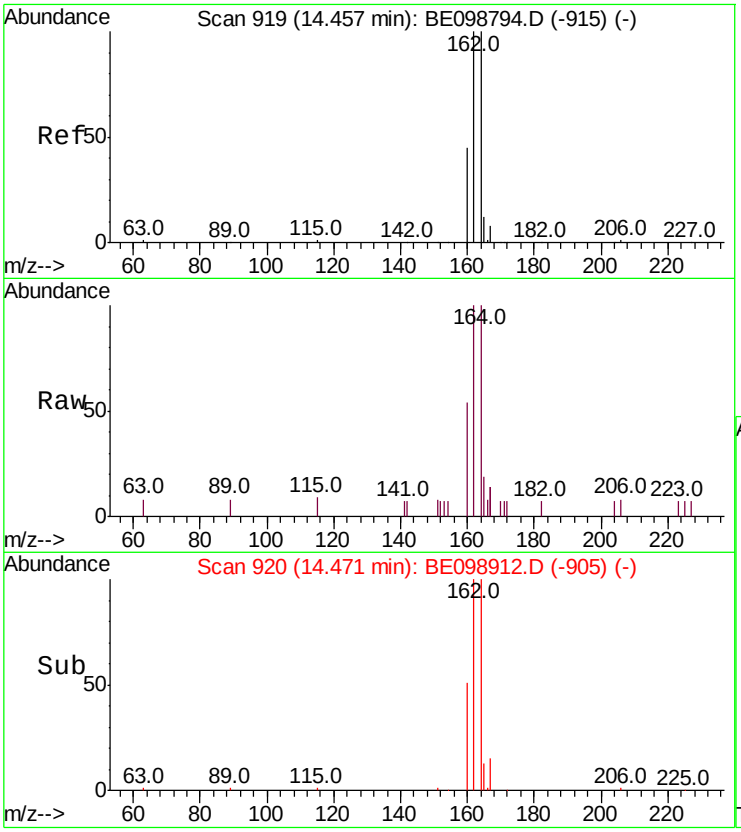


#11
2-Methylnaphthalene-d10
Concen: 0.257 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.04 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:152 Resp: 1058

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.5	24.7



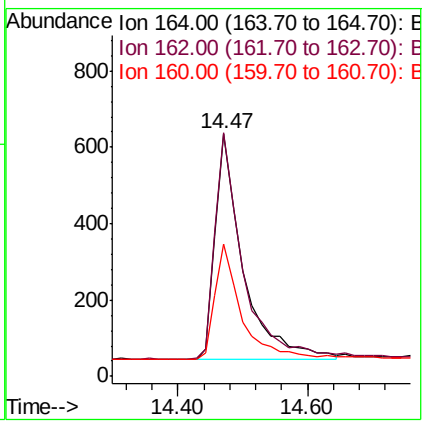


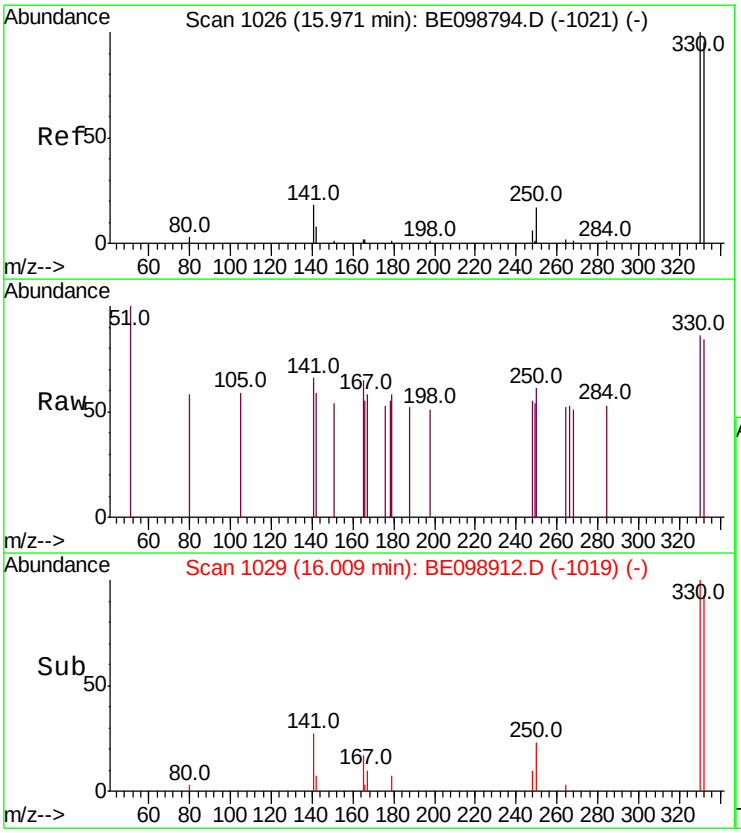
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1782

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.2
160	54.4	37.8	56.8

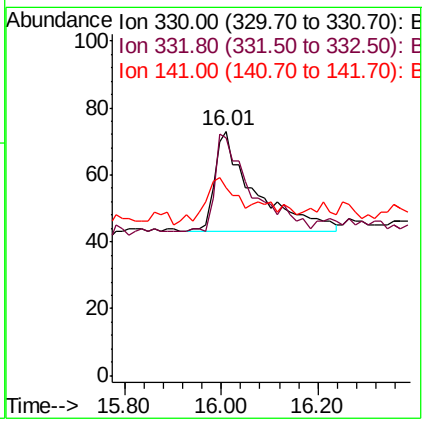


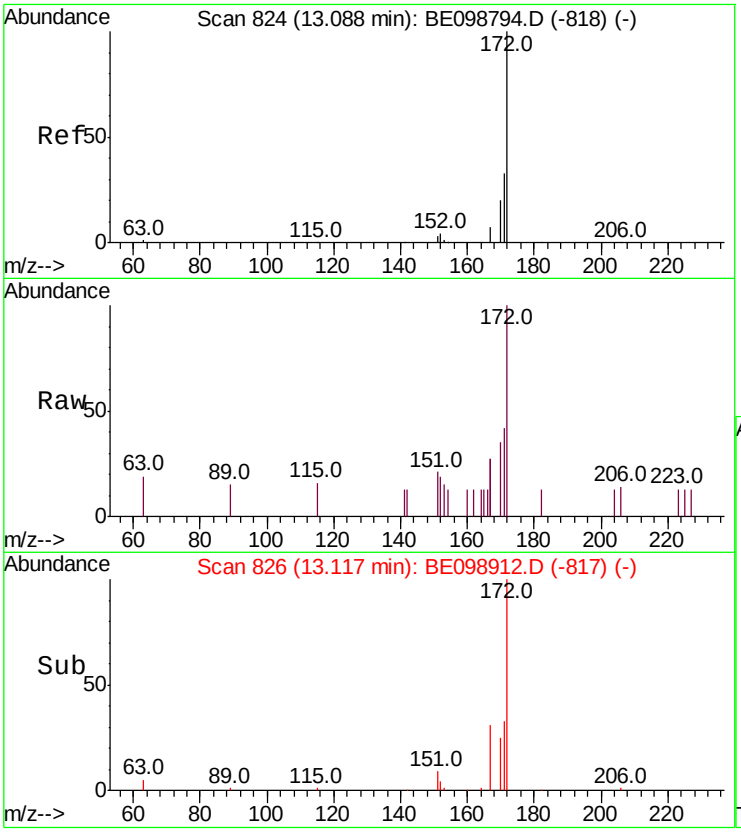


#14
2,4,6-Tribromophenol
Concen: 0.192 ng
RT: 16.01 min Scan# 1029
Delta R.T. 0.04 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:330 Resp: 173

Ion	Ratio	Lower	Upper
330	100		
332	87.9	77.6	116.4
141	32.9	31.0	46.4



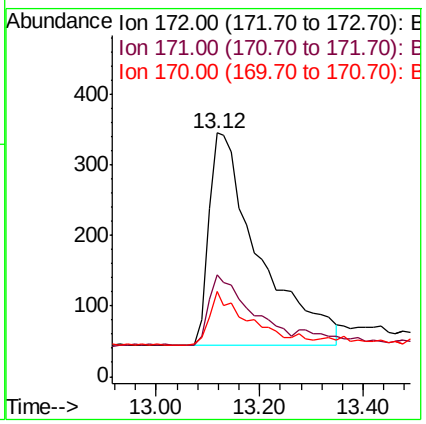


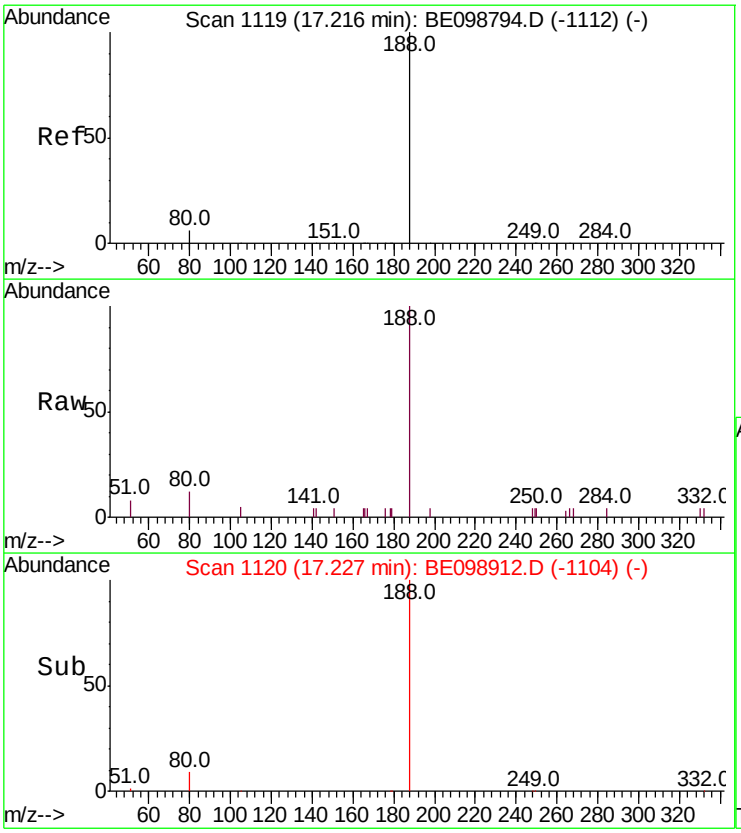
#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 1997

Ion	Ratio	Lower	Upper
172	100		
171	41.7	28.0	42.0
170	34.8	17.7	26.5#

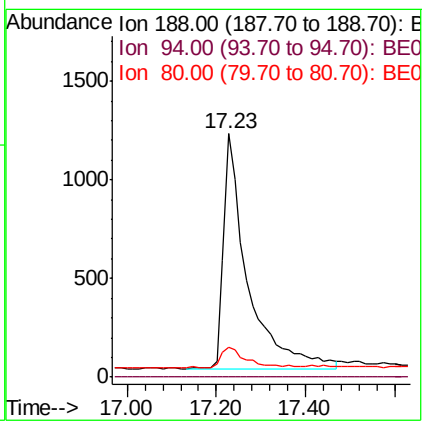


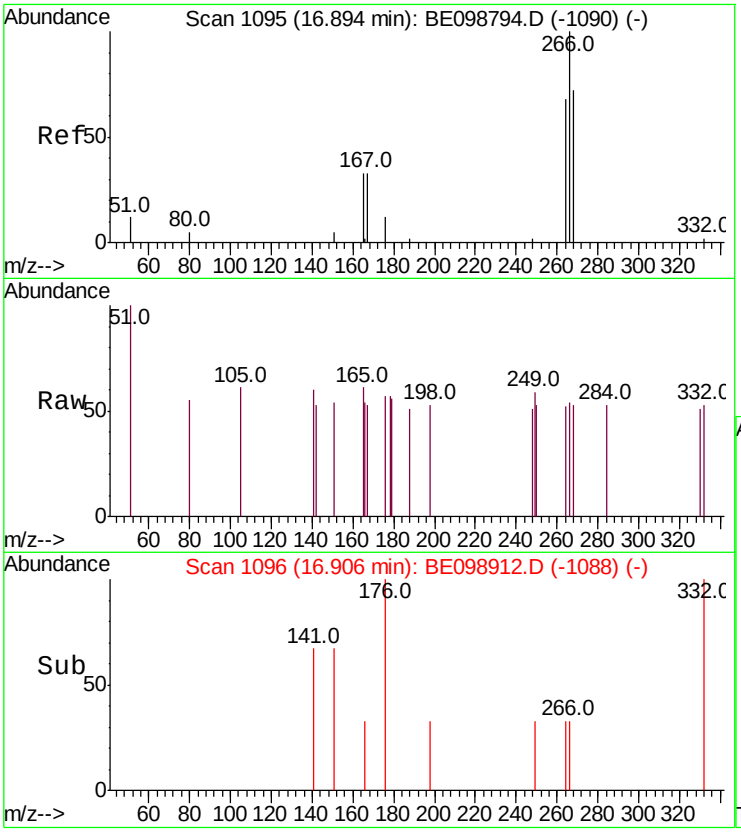


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:188 Resp: 4434

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	6.3	9.5#



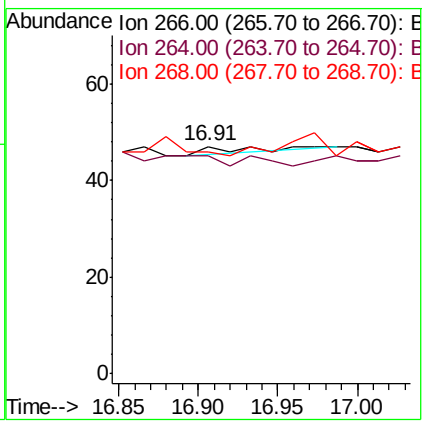


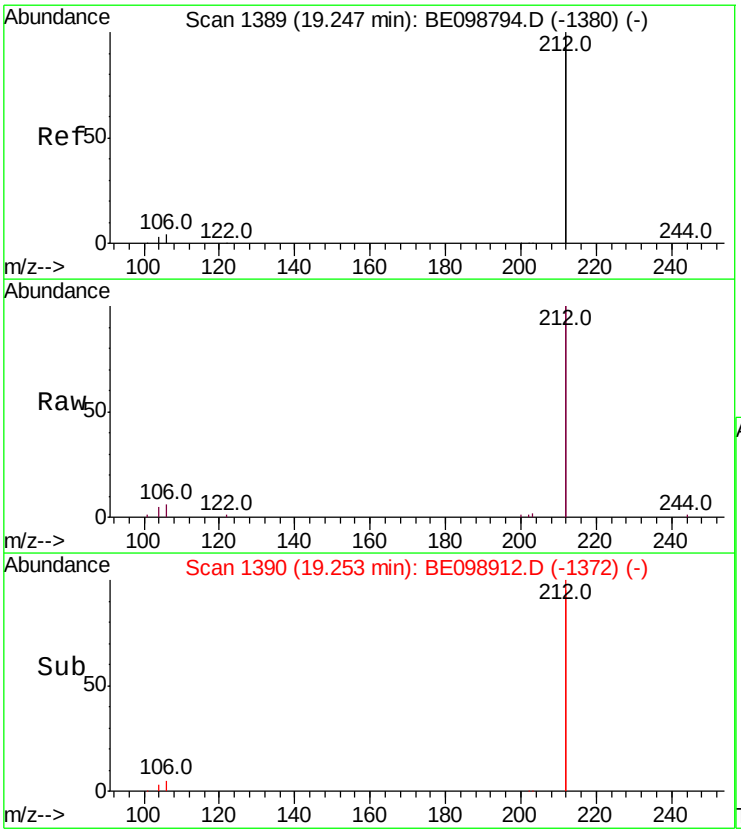
#22
Pentachlorophenol
Concen: 0.269 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	95.7	66.6	100.0
268	97.9	69.8	104.8

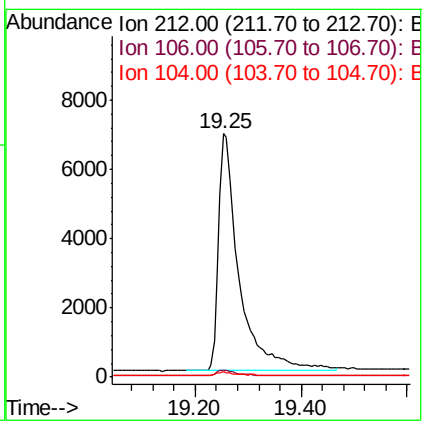


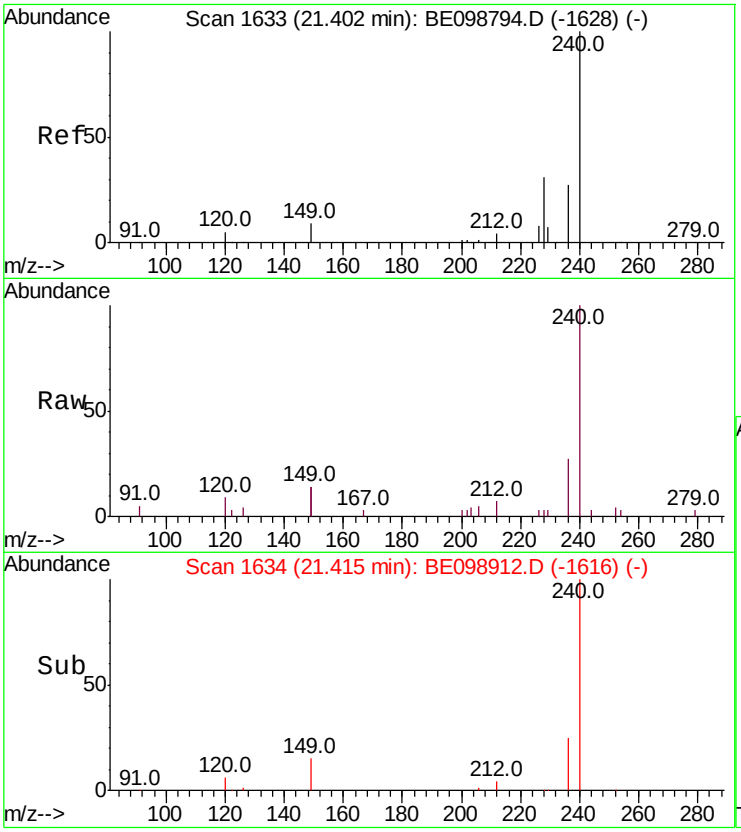


#25
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:212 Resp: 18572

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6



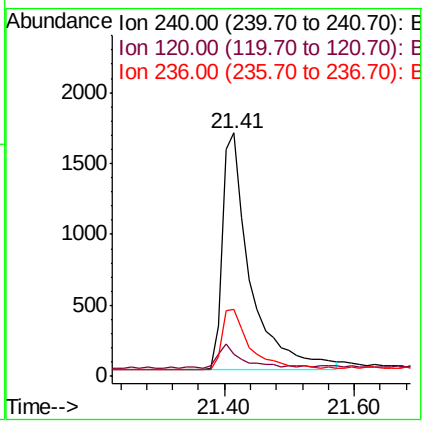


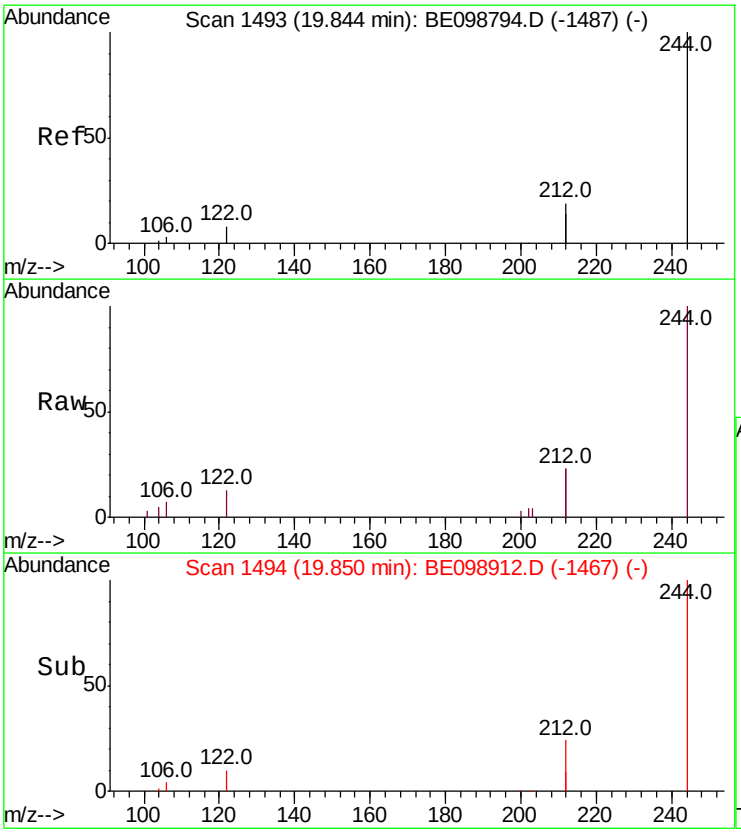
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 5026

Ion	Ratio	Lower	Upper
240	100		
120	9.3	5.0	7.4#
236	27.3	22.7	34.1

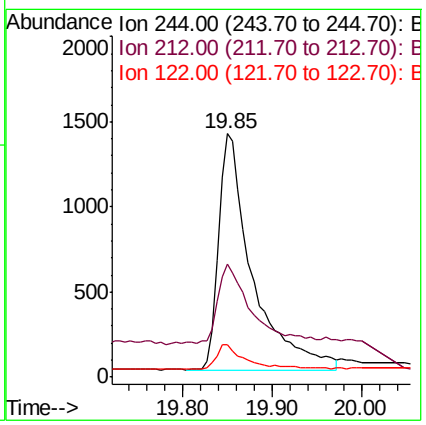


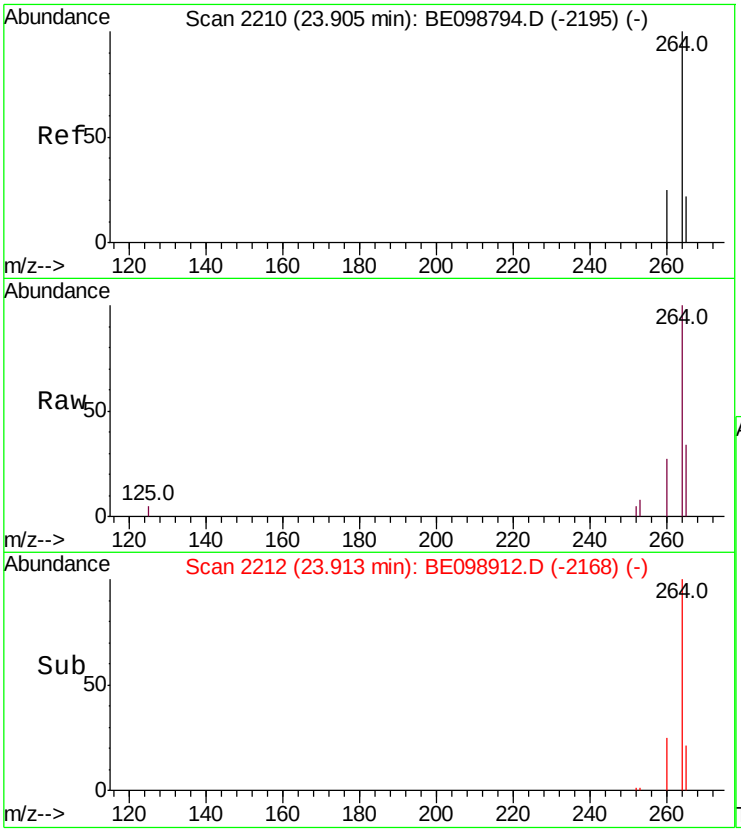


#29
Terphenyl-d14
Concen: 0.294 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Tgt Ion:244 Resp: 3596

Ion	Ratio	Lower	Upper
244	100		
212	46.4	29.4	44.2#
122	13.1	7.1	10.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.91 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BE098912.D
Acq: 13 Mar 2019 15:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 4895

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.2	31.8
265	33.5	24.6	36.8