Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
Data File : BE098852.D
Acq On : 9 Mar 2019 3:21
Operator : JU/SJ
Sample : K1793-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE108D1-20190306

Quant Time: Mar 09 06:37:08 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	935	0.40	ng		0.00
7) Naphthalene-d8	10.60	136	3917	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	2787	0.40	ng		0.00
19) Phenanthrene-d10	17.22	188	7146	0.40	ng		0.00
27) Chrysene-d12	21.40	240	8847	0.40	ng		0.00
34) Perylene-d12	23.90	264	8582	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	416	0.15	ng		0.00
5) Phenol-d6	7.01	99	343	0.09	ng		0.03
8) Nitrobenzene-d5	8.98	82	1508	0.37	ng		0.01
11) 2-Methylnaphthalene-d10	12.19	152	2721	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.97	330	562	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	5001	0.43	ng		0.00
25) Fluoranthene-d10	19.24	212	41673	0.37	ng		0.00
29) Terphenyl-d14	19.84	244	11283	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	6693	4.545	ng		97
32) Bis(2-ethylhexyl)phthalate	21.29	149	1710	0.029	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
Data File : BE098852.D
Acq On : 9 Mar 2019 3:21
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Misc :
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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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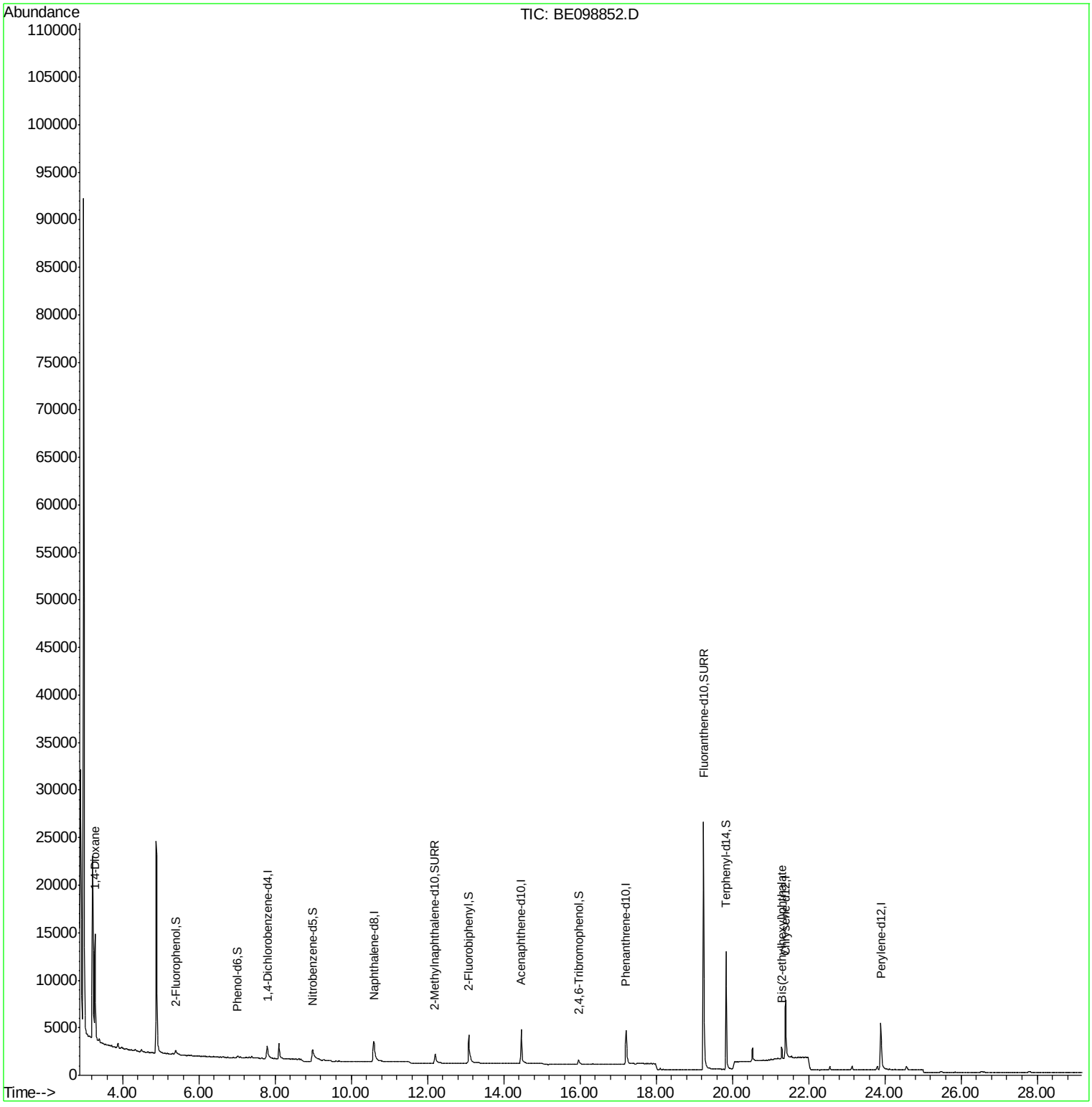
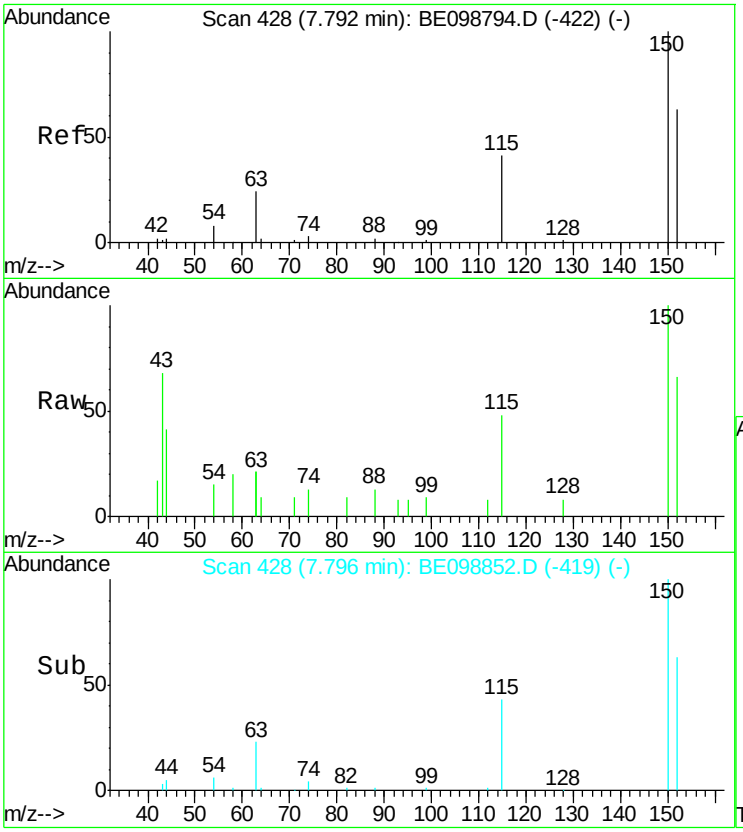


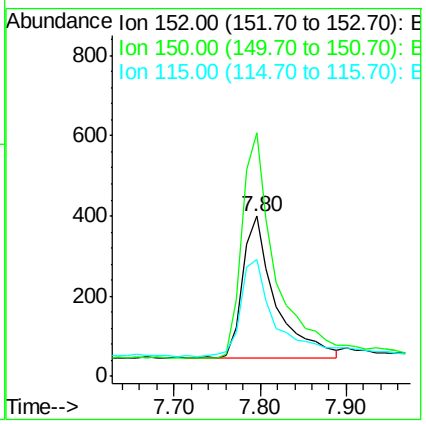


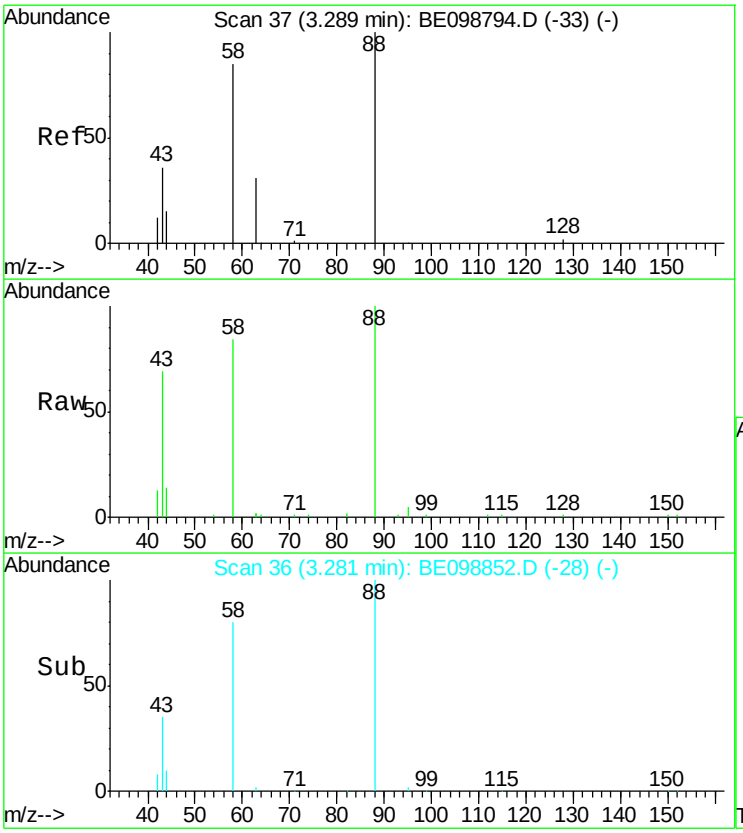
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tgt Ion:152 Resp: 935

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.5	183.7
115	73.3	57.4	86.2

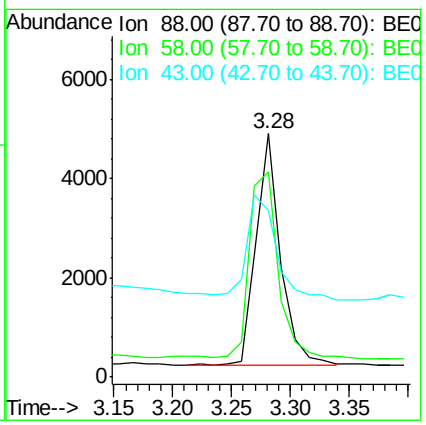


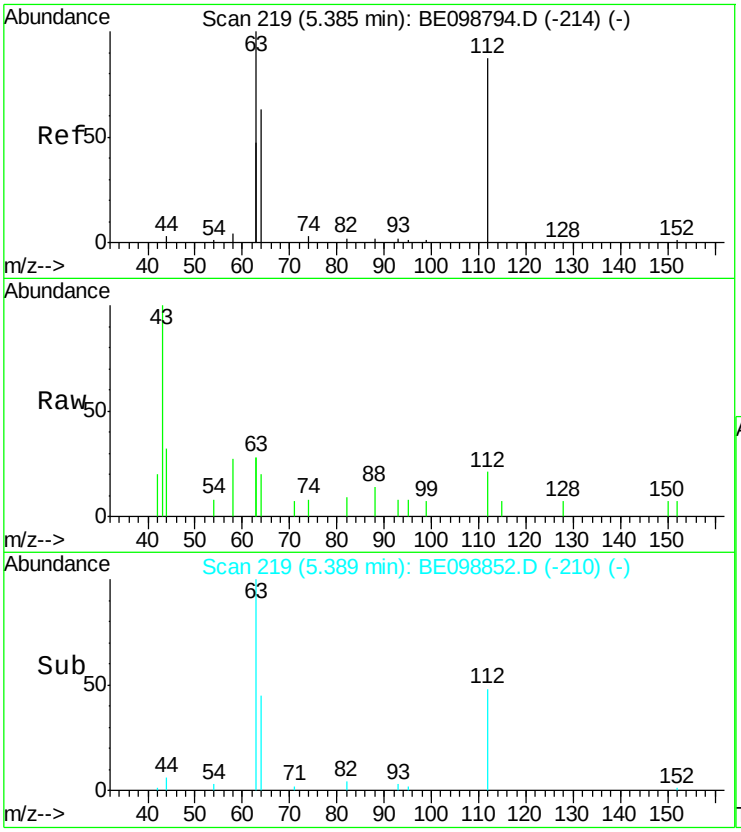


#2
1,4-Dioxane
Concen: 4.545 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion: 88 Resp: 6693

Ion	Ratio	Lower	Upper
88	100		
58	93.2	75.8	113.6
43	56.8	41.8	62.8



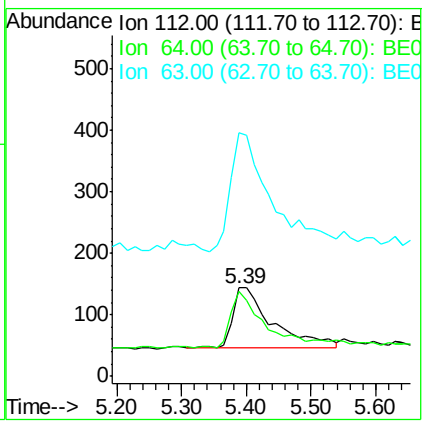


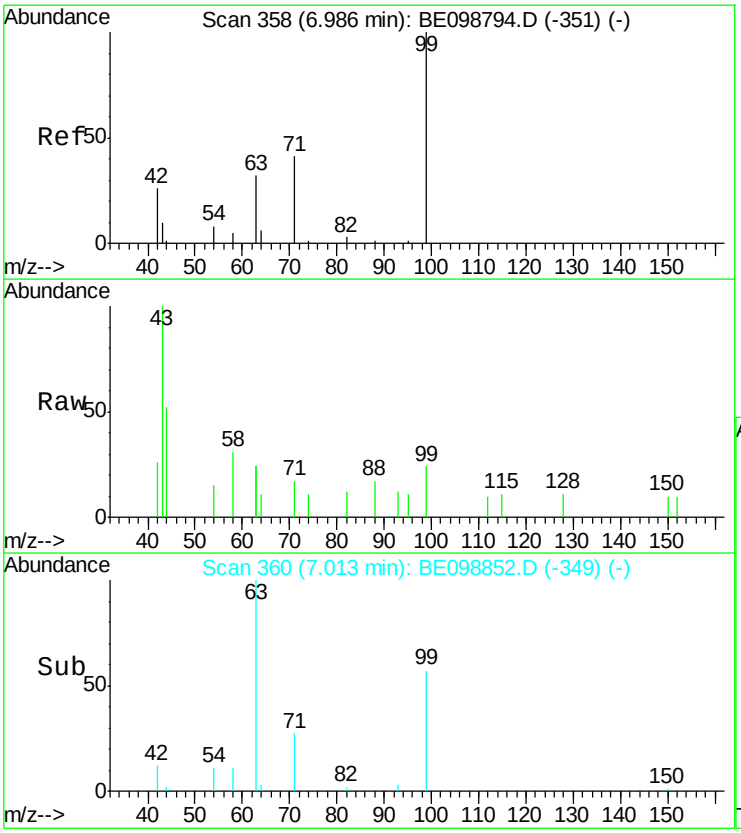
#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tgt Ion:112 Resp: 416

Ion	Ratio	Lower	Upper
112	100		
64	88.9	57.9	86.9#
63	211.5	158.3	237.5

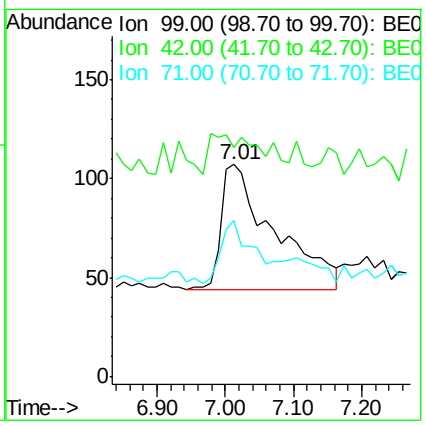


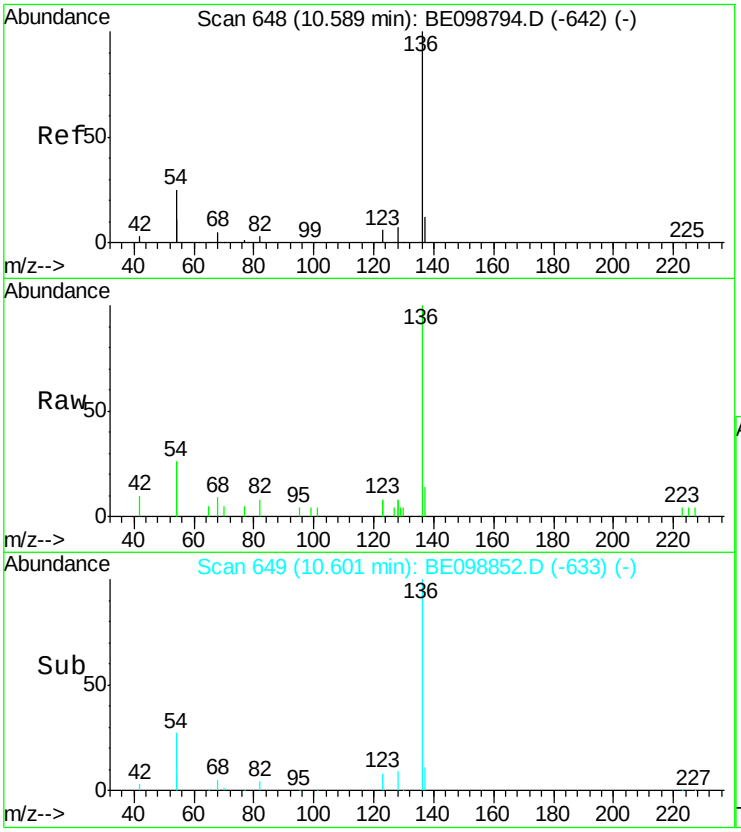


#5
Phenol-d6
Concen: 0.087 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.03 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion: 99 Resp: 343

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	30.6	35.7	53.5#



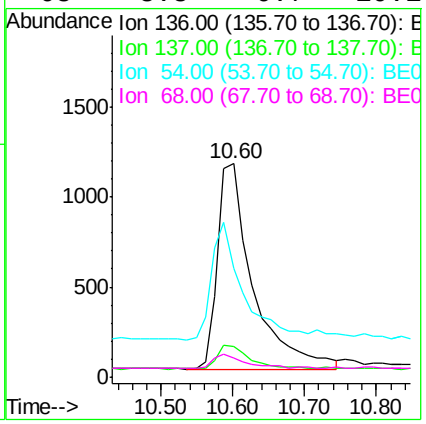


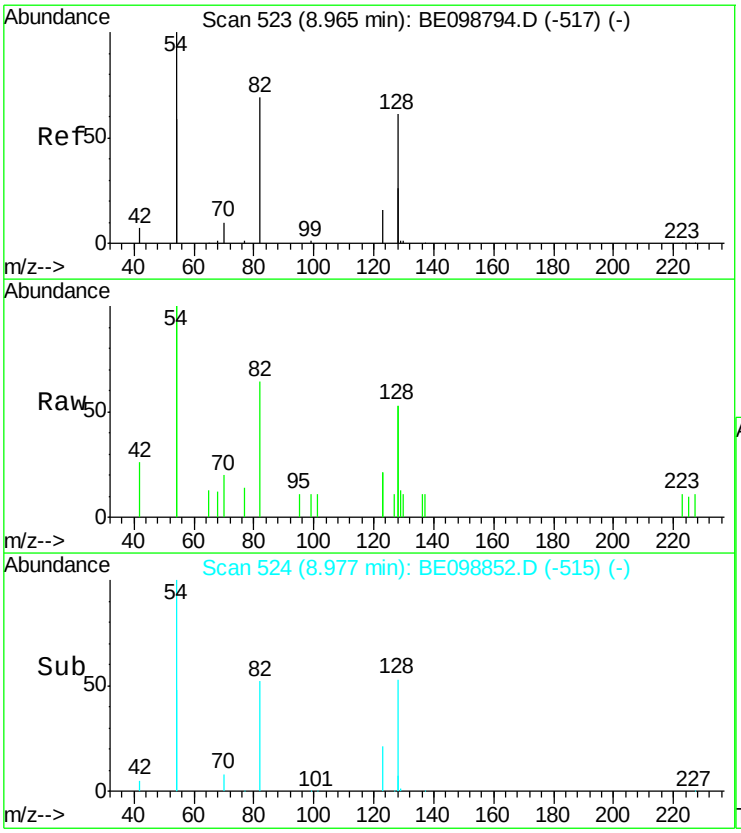
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tgt Ion:136 Resp: 3917

Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.4	17.0
54	51.1	39.3	58.9
68	8.8	6.7	10.1

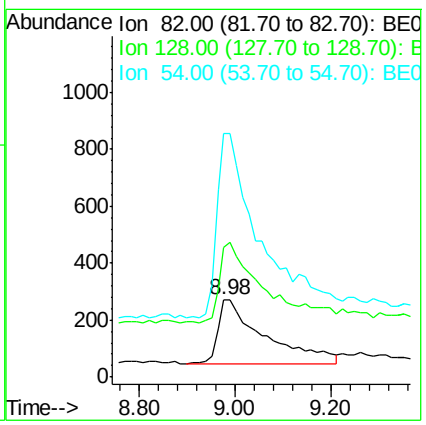


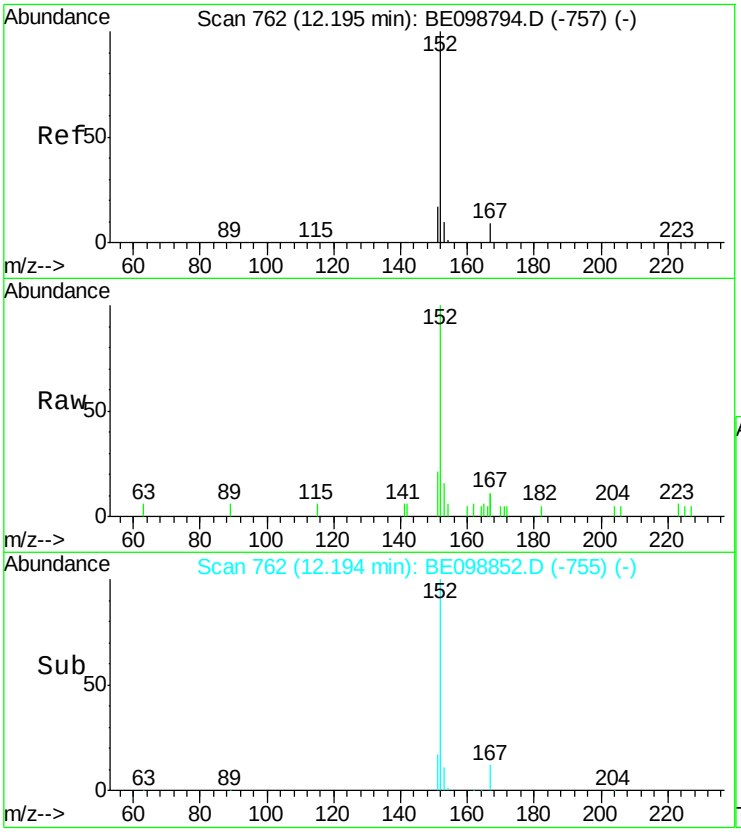


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.01 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion: 82 Resp: 1508

Ion	Ratio	Lower	Upper
82	100		
128	166.3	123.8	185.8
54	312.8	203.4	305.2#



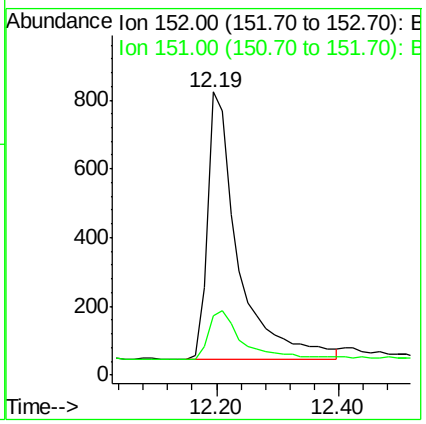


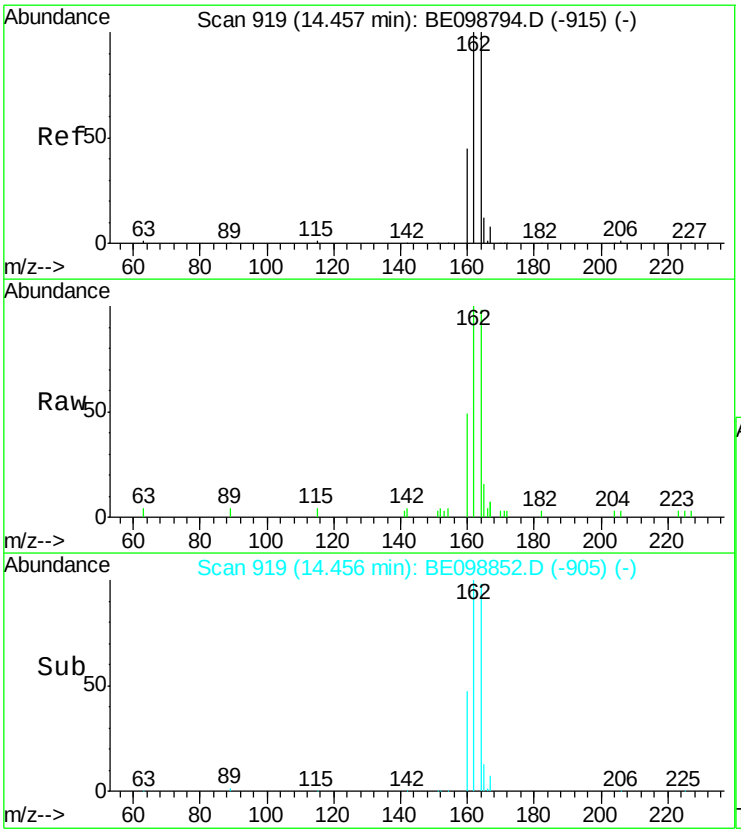
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tgt Ion:152 Resp: 2721

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7

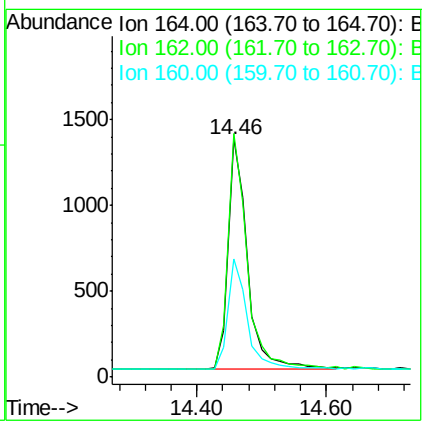


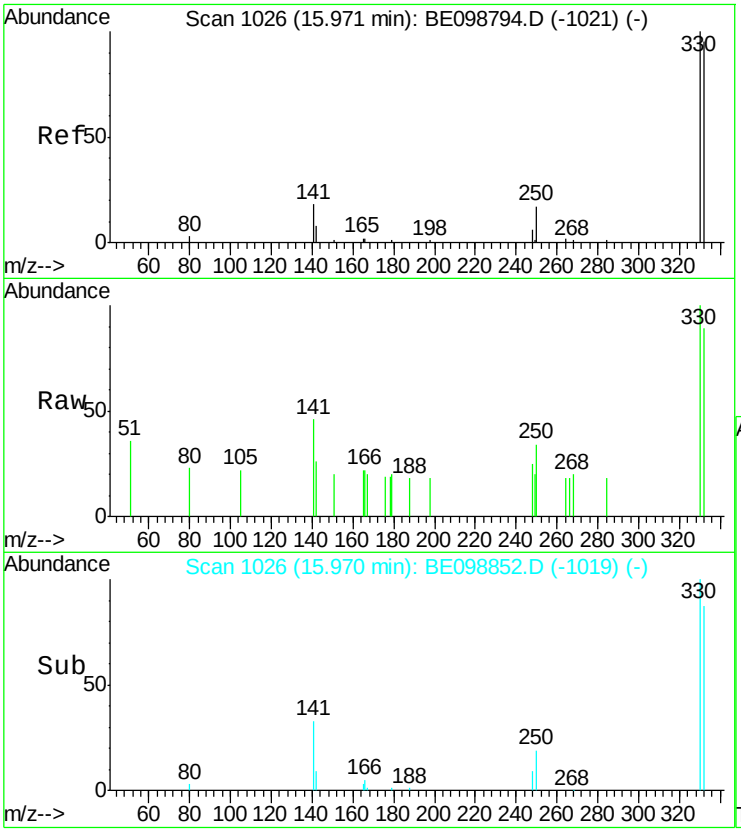


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion:164 Resp: 2787

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	49.7	37.8	56.8



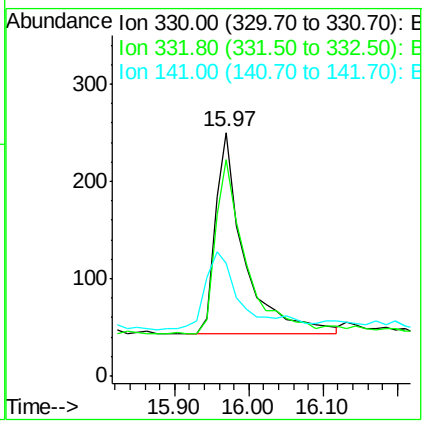


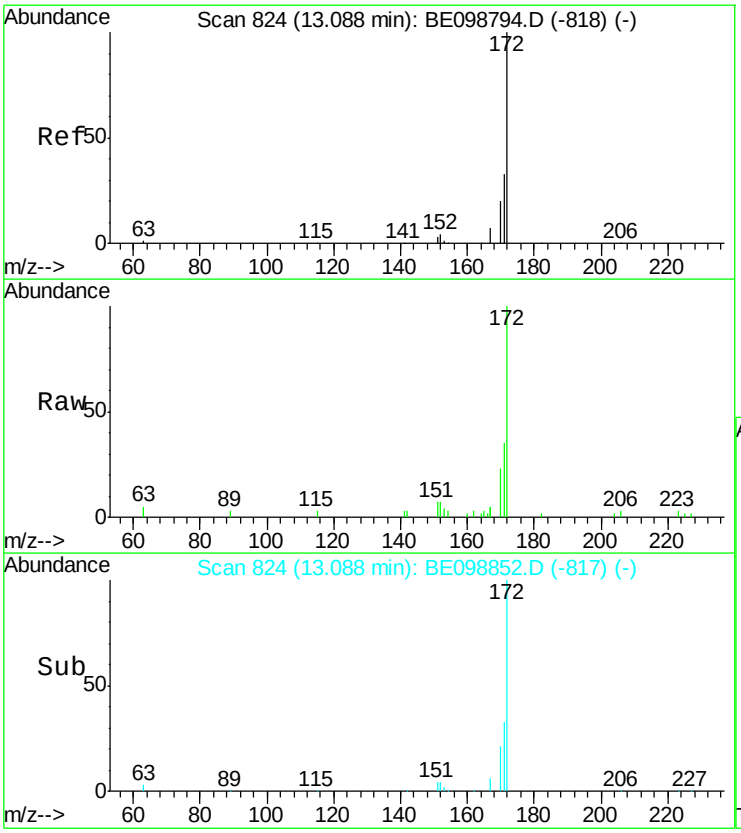
#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tgt Ion:330 Resp: 562

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	48.0	31.0	46.4#

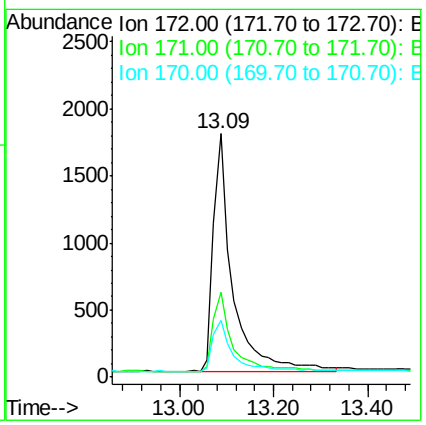


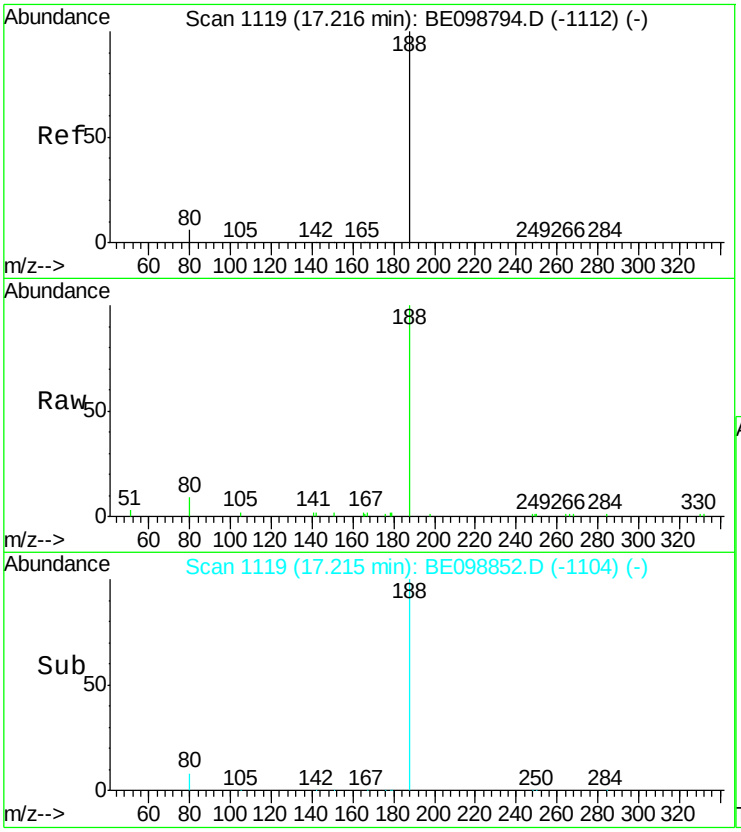


#15
2-Fluorobiphenyl
Concen: 0.433 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion:172 Resp: 5001

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	23.4	17.7	26.5



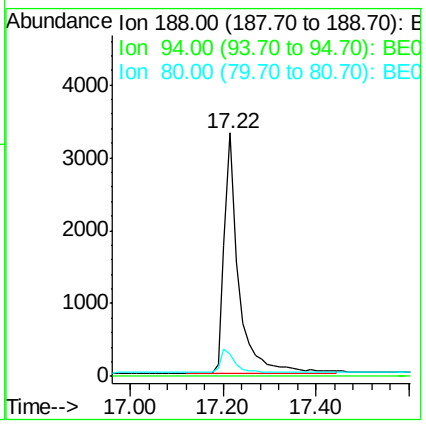


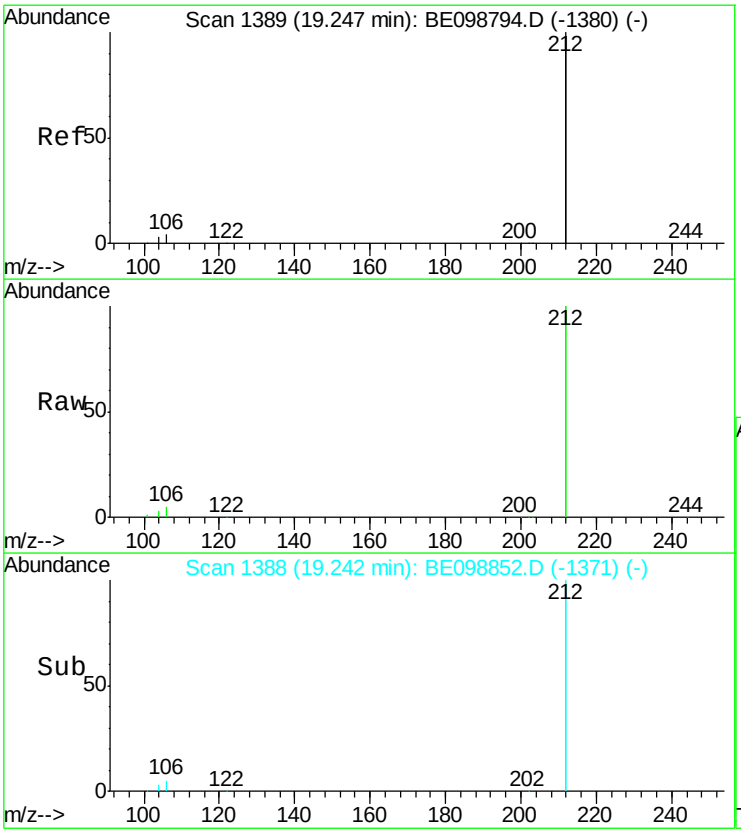
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tgt Ion:188 Resp: 7146

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.3	9.5

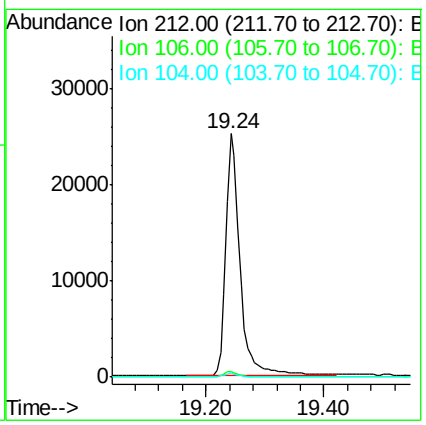


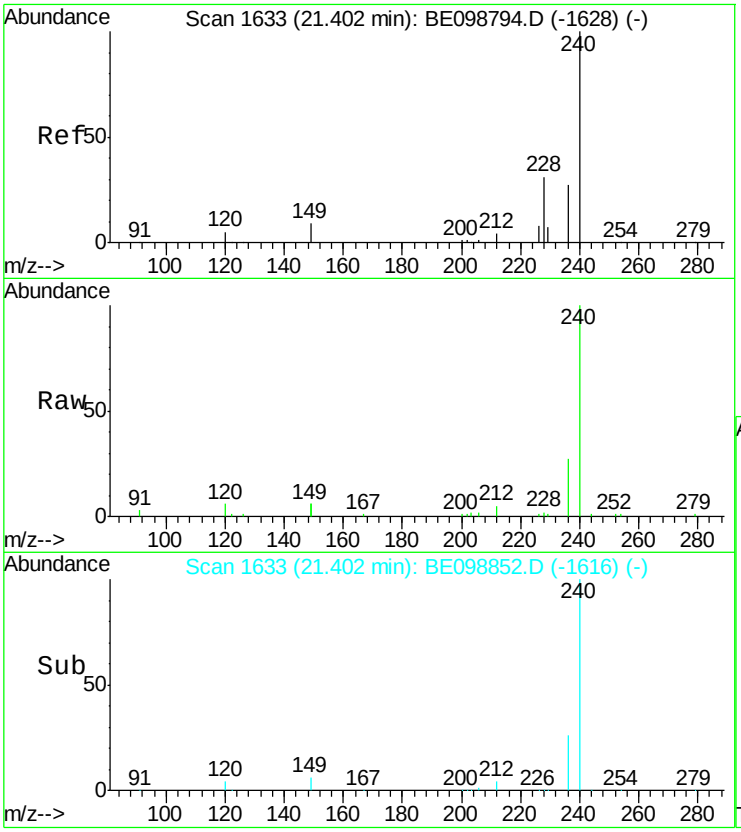


#25
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion:212 Resp: 41673

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



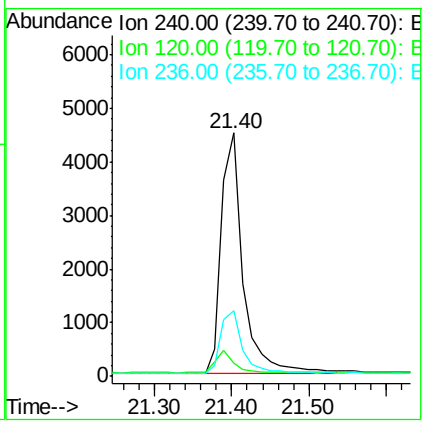


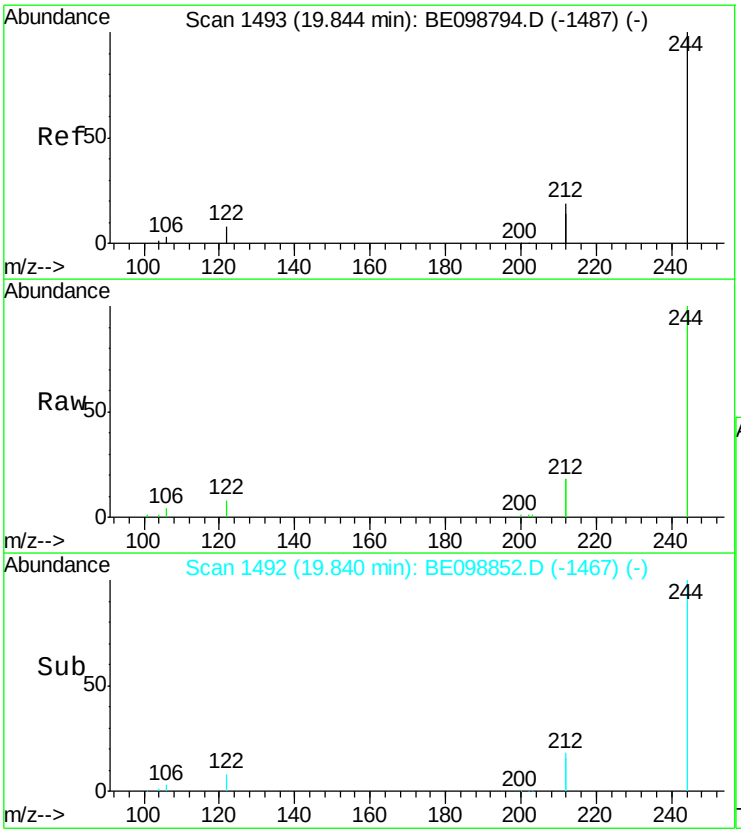
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tgt Ion:240 Resp: 8847

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.0	7.4
236	26.7	22.7	34.1

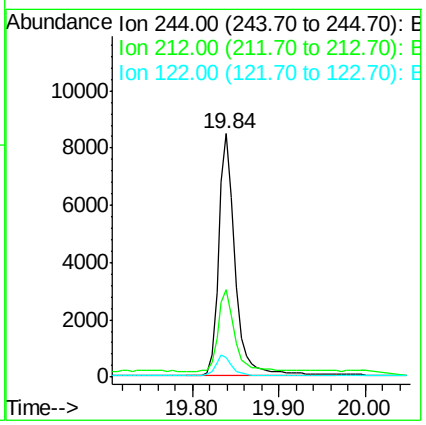


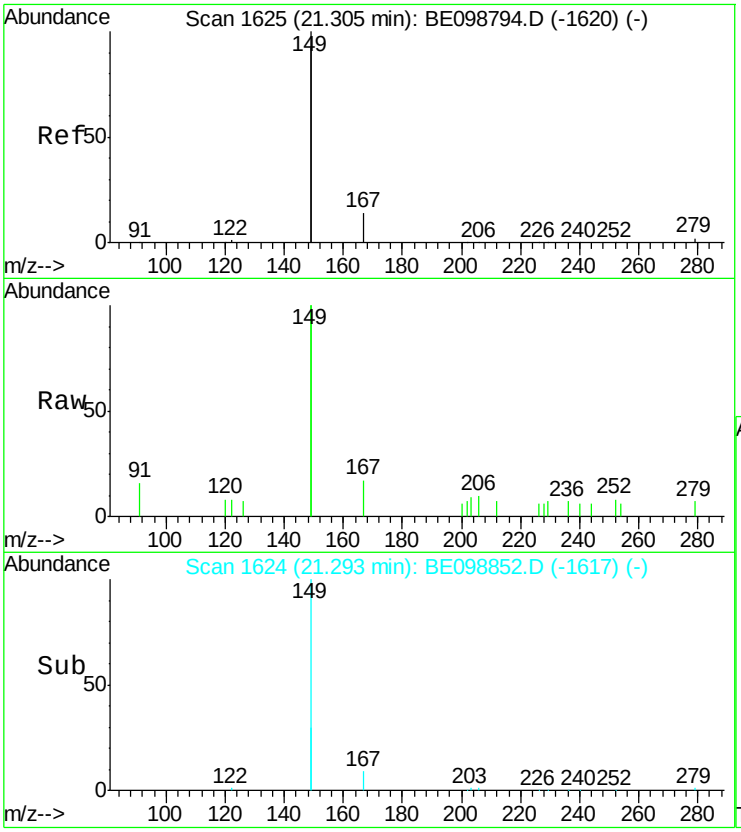


#29
Terphenyl-d14
Concen: 0.525 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion:244 Resp: 11283

Ion	Ratio	Lower	Upper
244	100		
212	36.2	29.4	44.2
122	8.3	7.1	10.7



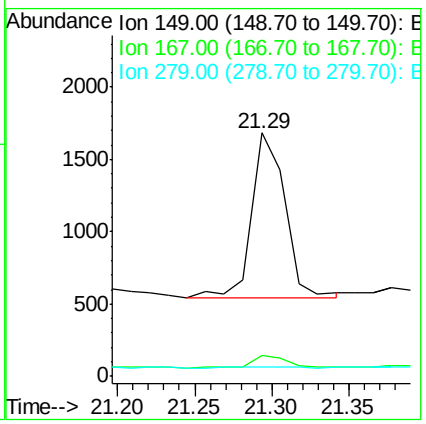


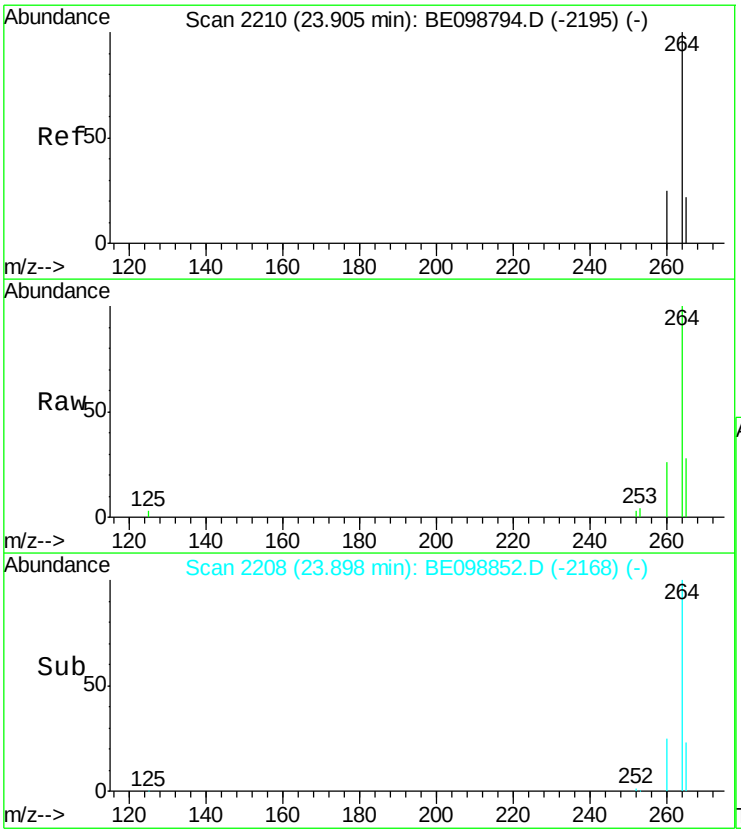
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.029 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
RE108D1-20190306

Tgt Ion:149 Resp: 1710

Ion	Ratio	Lower	Upper
149	100		
167	9.1	5.4	8.0#
279	1.5	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BE098852.D
Acq: 9 Mar 2019 3:21

Tgt Ion:264 Resp: 8582

Ion	Ratio	Lower	Upper
264	100		
260	25.8	21.2	31.8
265	28.1	24.6	36.8