Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
Data File : BE098492.D
Acq On : 16 Dec 2018 4:55
Operator : SJ/JU
Sample : J6398-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PR-MW-02_121218

Quant Time: Dec 17 02:12:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	811	0.40	ng		0.00
7) Naphthalene-d8	10.65	136	3280	0.40	ng		-0.01
13) Acenaphthene-d10	14.51	164	3221	0.40	ng		-0.01
19) Phenanthrene-d10	17.27	188	5695	0.40	ng		-0.01
27) Chrysene-d12	21.45	240	6963	0.40	ng		-0.01
34) Perylene-d12	23.99	264	6764	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.45	112	377	0.20	ng		0.00
5) Phenol-d6	7.03	99	285	0.11	ng		-0.01
8) Nitrobenzene-d5	9.02	82	1153	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	2395	0.45	ng		-0.01
14) 2,4,6-Tribromophenol	16.01	330	510	0.43	ng		-0.01
15) 2-Fluorobiphenyl	13.13	172	3948	0.29	ng		-0.01
25) Fluoranthene-d10	19.30	212	34748	0.48	ng		0.00
29) Terphenyl-d14	19.89	244	7668	0.45	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.71	128	9546	0.289	ng	#	61
12) 2-Methylnaphthalene	12.32	142	64398	12.008	ng		97
18) Fluorene	15.56	166	3732	0.308	ng	#	93
23) Phenanthrene	17.30	178	1763	0.127	ng	#	95
26) Fluoranthene	19.33	202	602	0.033	ng	#	97
28) Pyrene	19.69	202	579	0.027	ng	#	89
32) Bis(2-ethylhexyl)phthalate	21.35	149	3122	0.078	ng	#	99

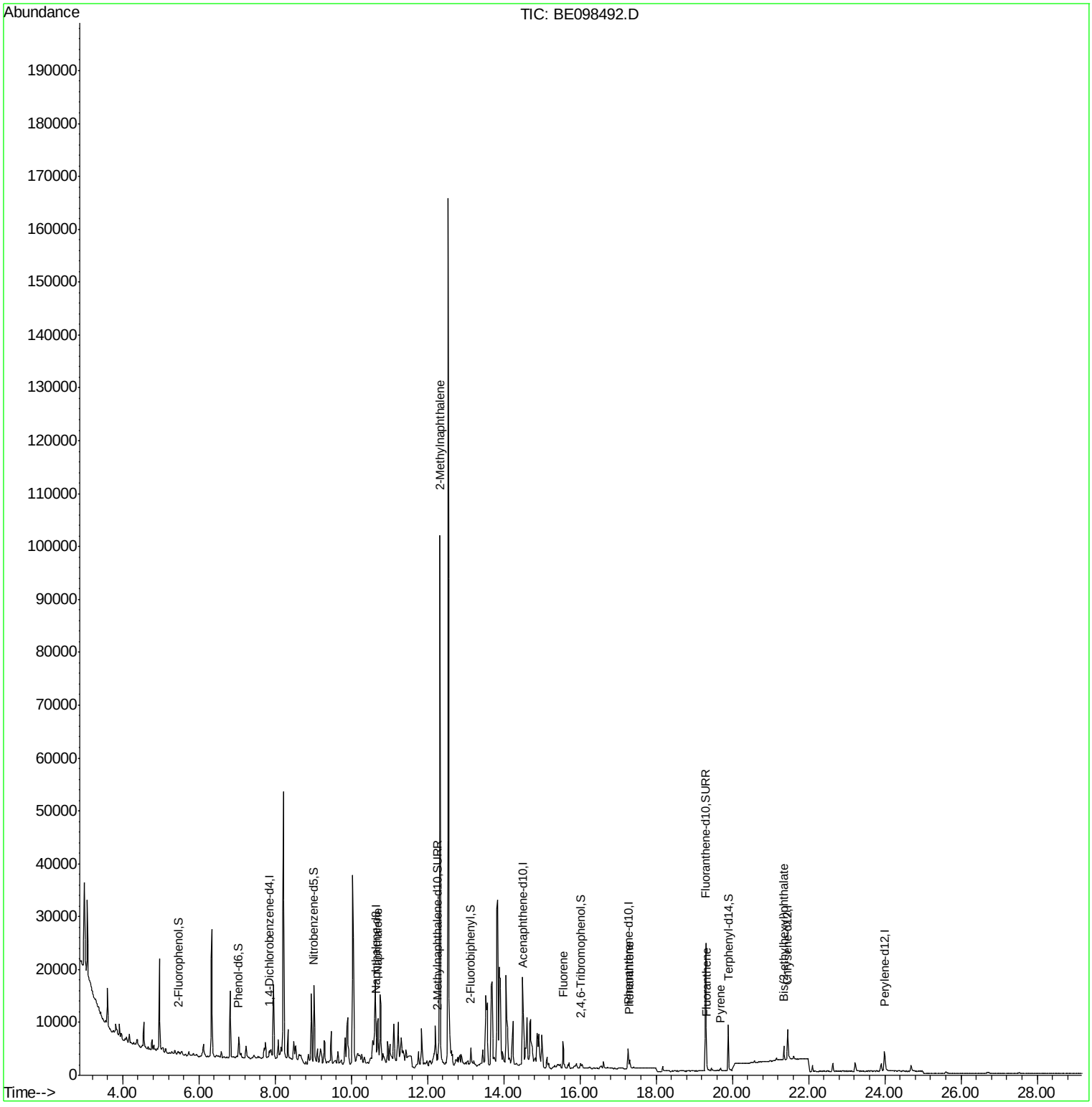
(#) = qualifier out of range (m) = manual integration (+) = signals summed

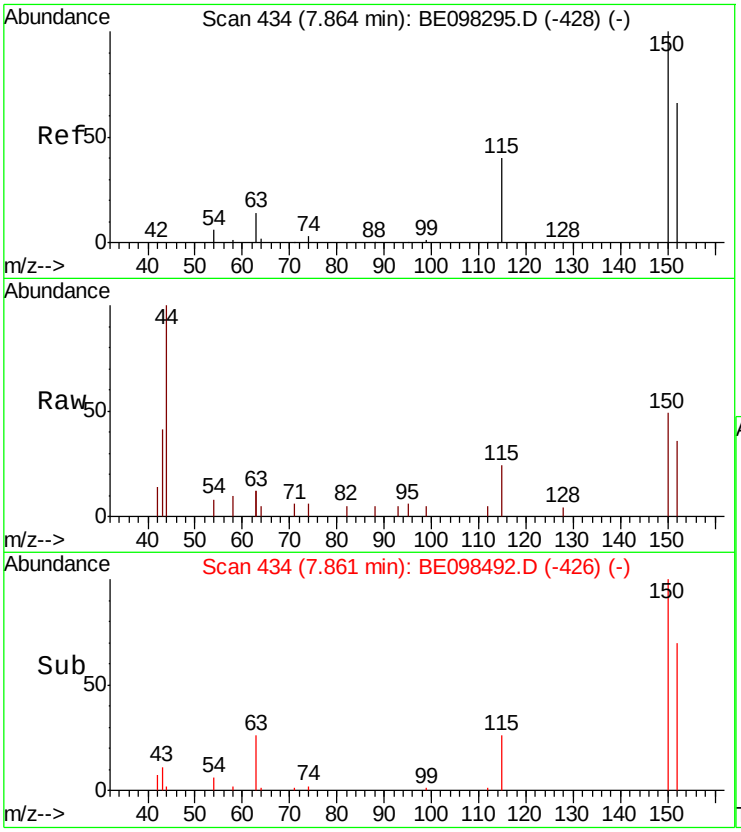
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
Data File : BE098492.D
Acq On : 16 Dec 2018 4:55
Operator : SJ/JU
Sample : J6398-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Quant Time: Dec 17 02:12:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



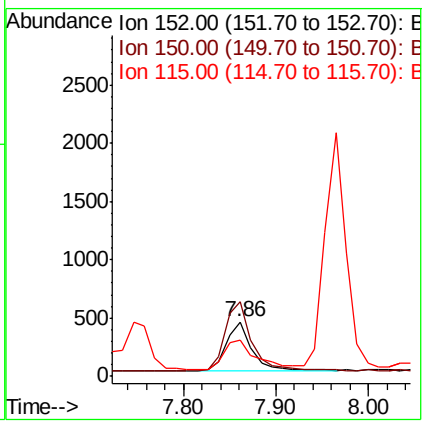


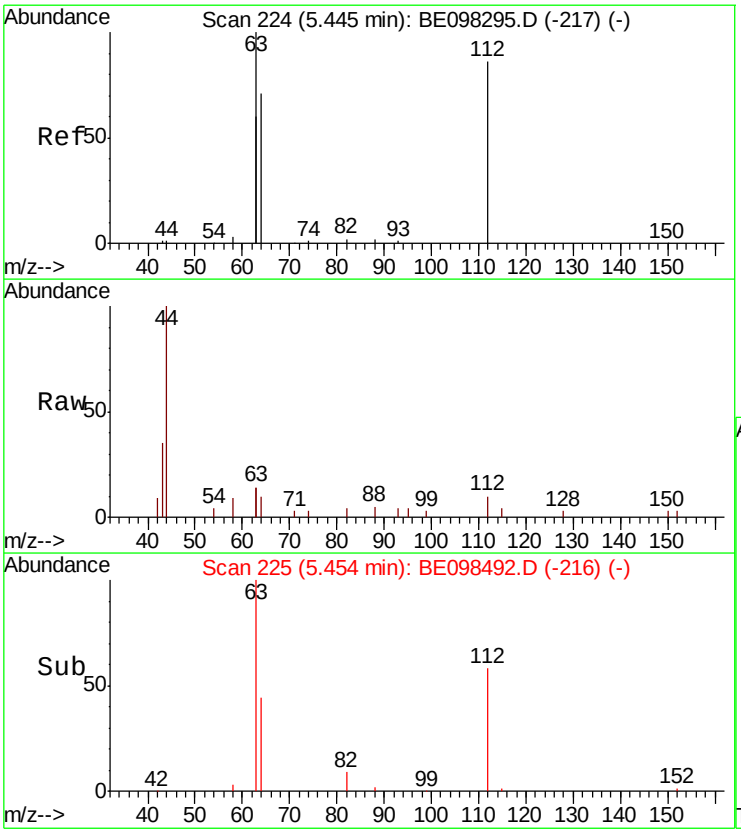
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:152 Resp: 811

Ion	Ratio	Lower	Upper
152	100		
150	136.8	124.2	186.4
115	65.4	53.9	80.9

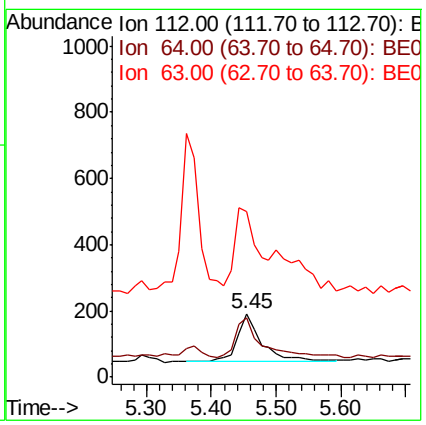


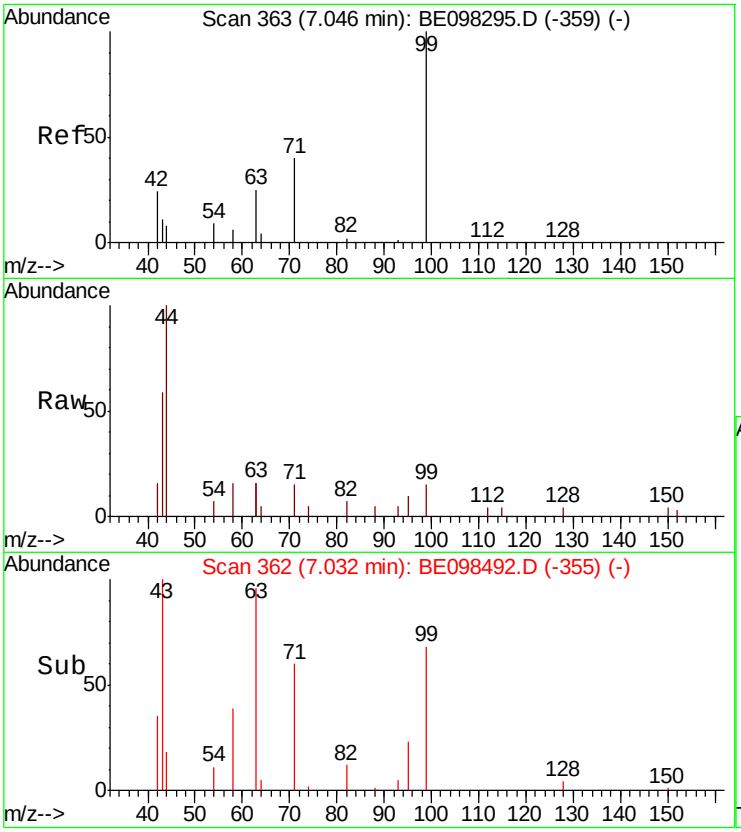


#4
2-Fluorophenol
Concen: 0.199 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:112 Resp: 377

Ion	Ratio	Lower	Upper
112	100		
64	84.9	59.8	89.8
63	145.1	133.7	200.5



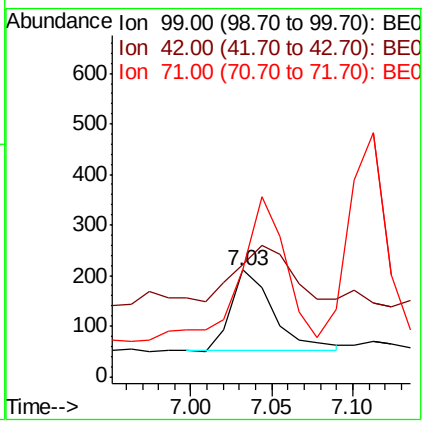


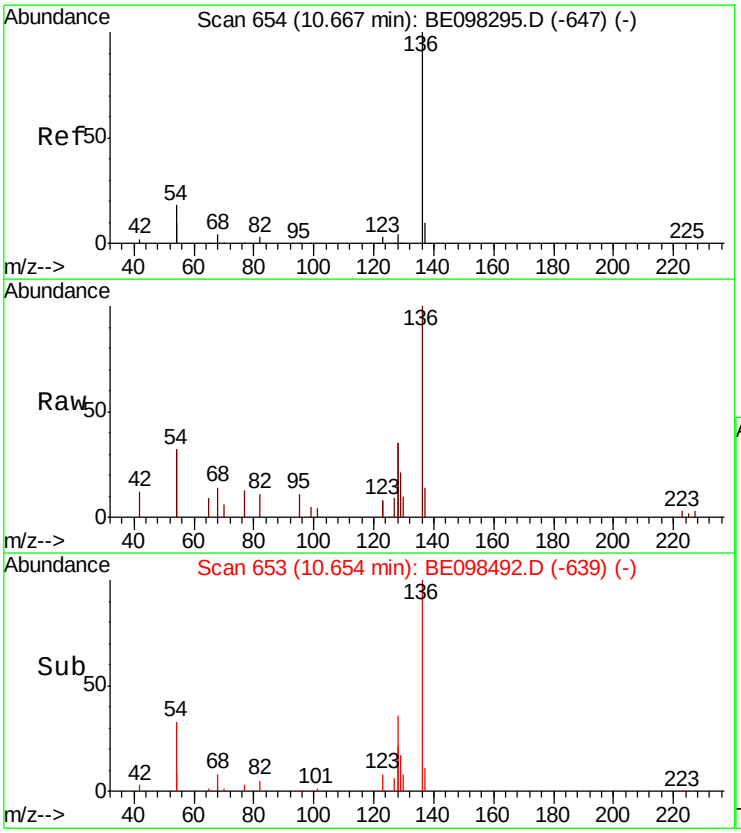
#5
Phenol-d6
Concen: 0.106 ng
RT: 7.03 min Scan# 362
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion: 99 Resp: 285

Ion	Ratio	Lower	Upper
99	100		
42	92.6	26.3	39.5#
71	196.5	33.6	50.4#

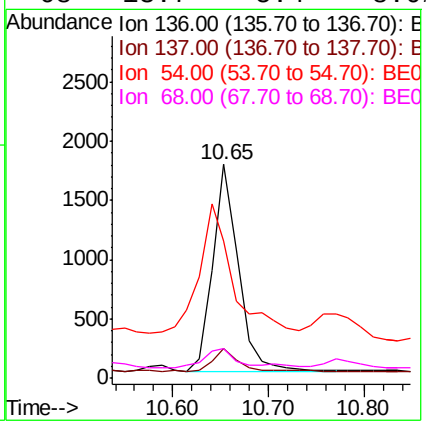


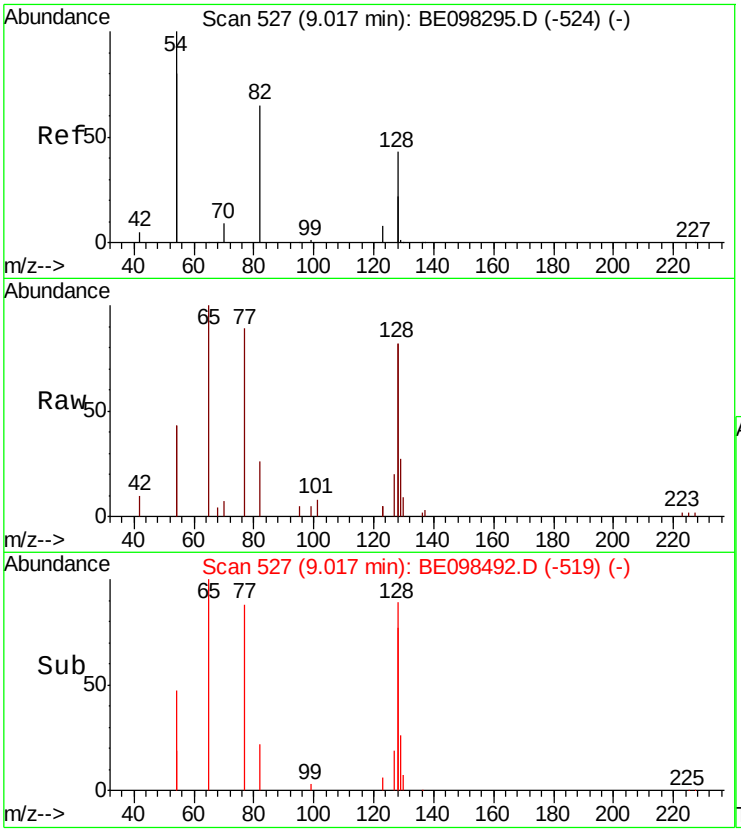


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:136 Resp: 3280

Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.2	13.8
54	64.3	28.4	42.6#
68	13.7	5.4	8.0#



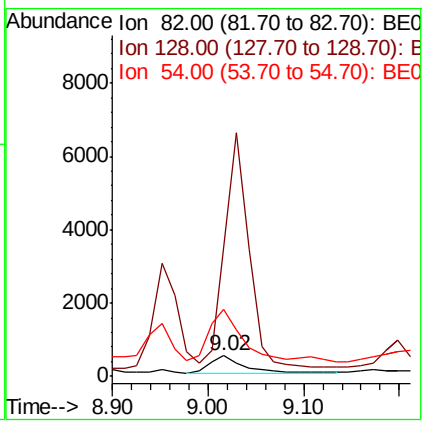


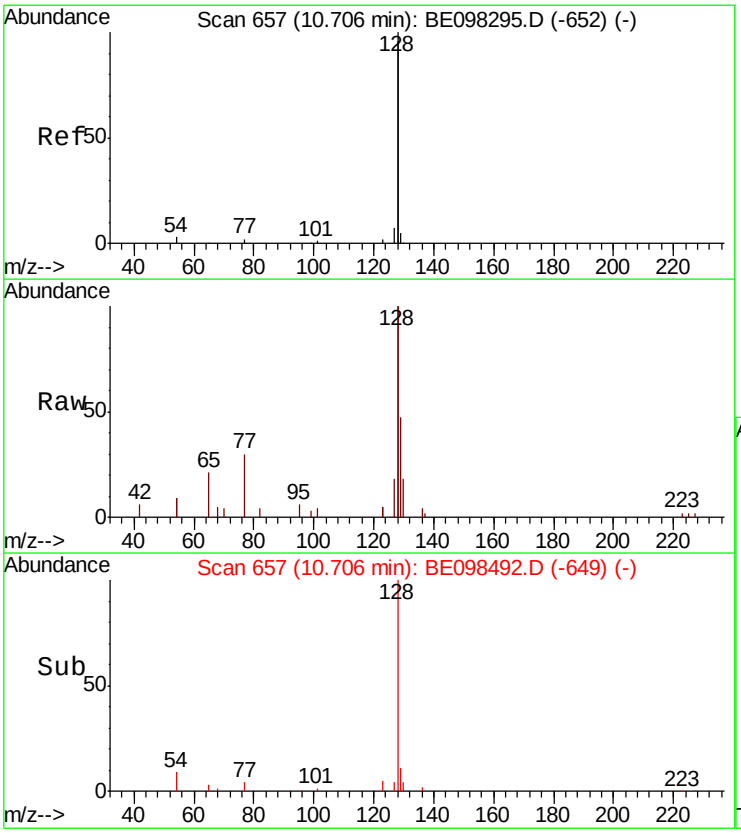
#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.02 min Scan# 527
Delta R.T. 0.00 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion: 82 Resp: 1153

Ion	Ratio	Lower	Upper
82	100		
128	626.8	102.4	153.6#
54	328.9	221.8	332.8

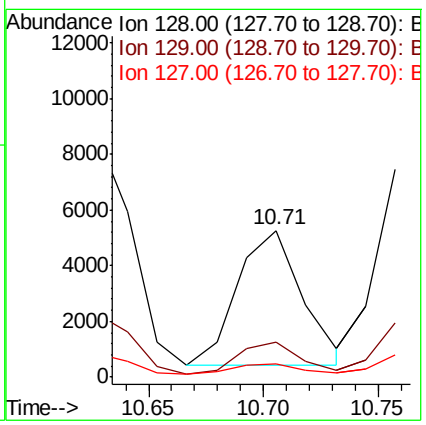


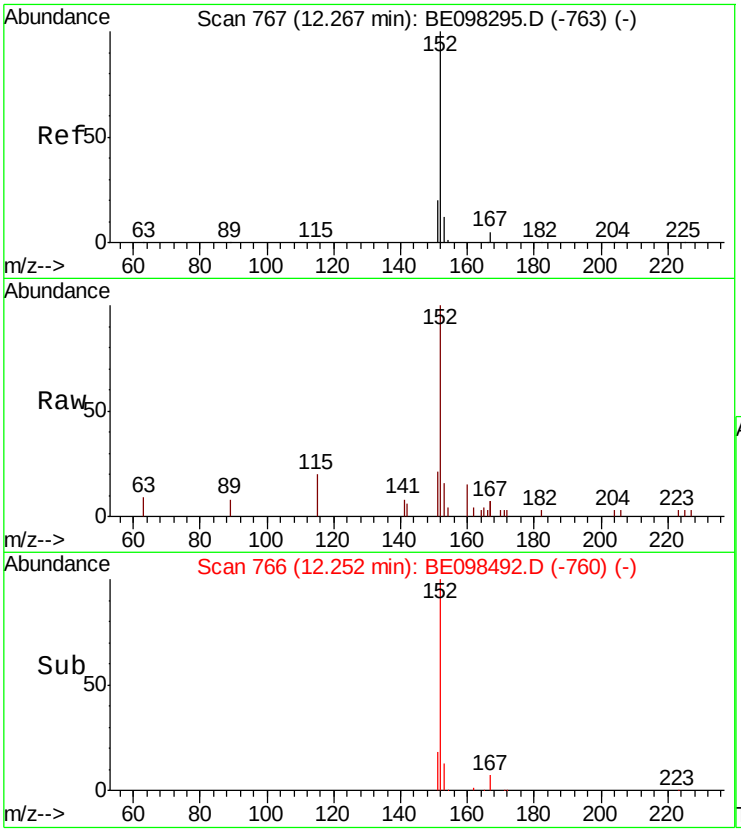


#9
Naphthalene
Concen: 0.289 ng
RT: 10.71 min Scan# 657
Delta R.T. 0.00 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:128 Resp: 9546

Ion	Ratio	Lower	Upper
128	100		
129	23.6	2.5	3.7#
127	9.1	2.7	4.1#



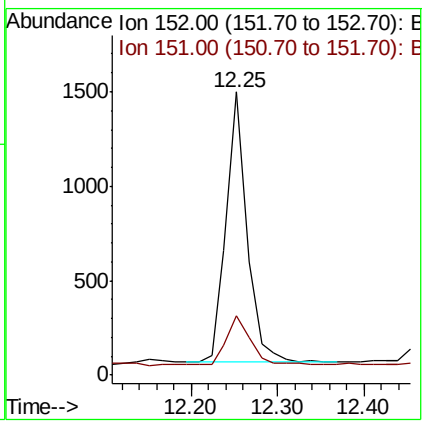


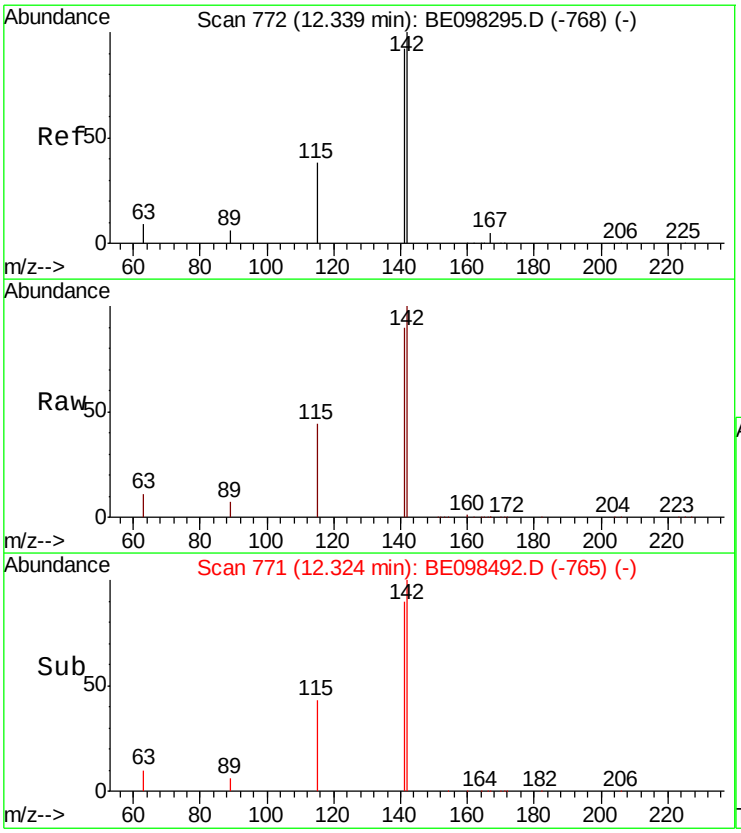
#11
2-Methylnaphthalene-d10
Concen: 0.449 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:152 Resp: 2395

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4

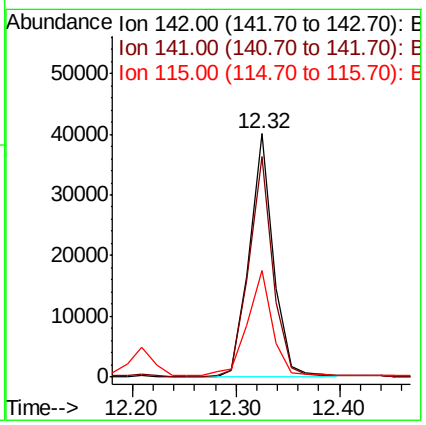


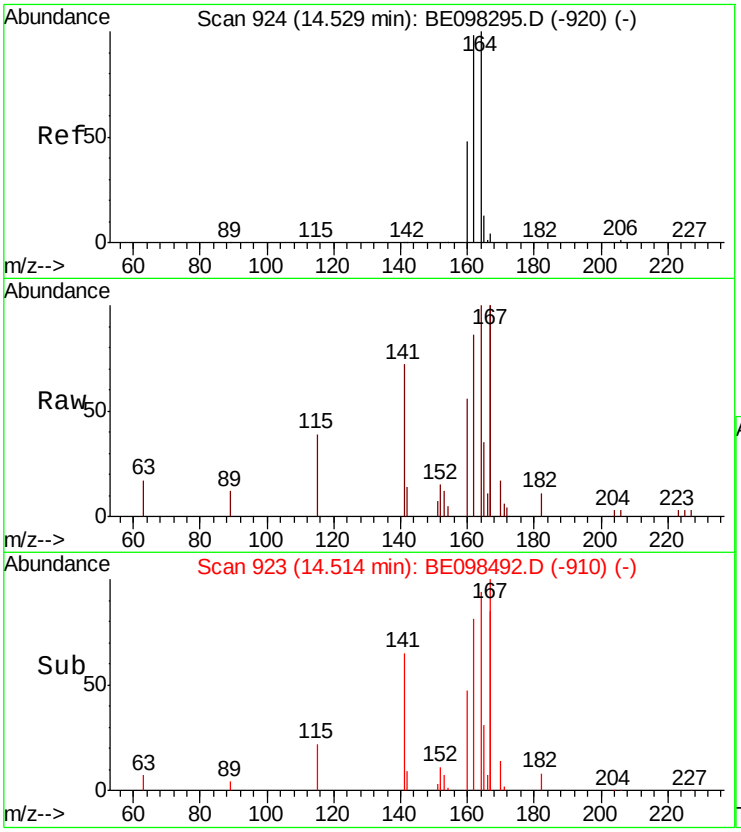


#12
2-Methylnaphthalene
Concen: 12.008 ng
RT: 12.32 min Scan# 771
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:142 Resp: 64398

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	43.6	32.2	48.2



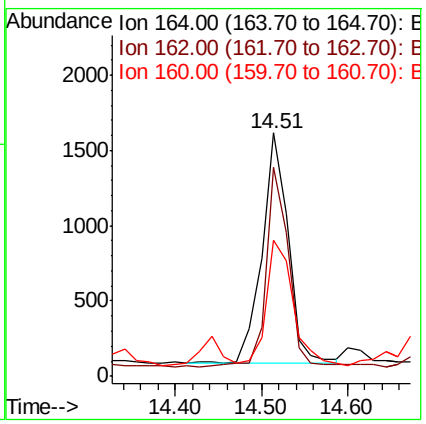


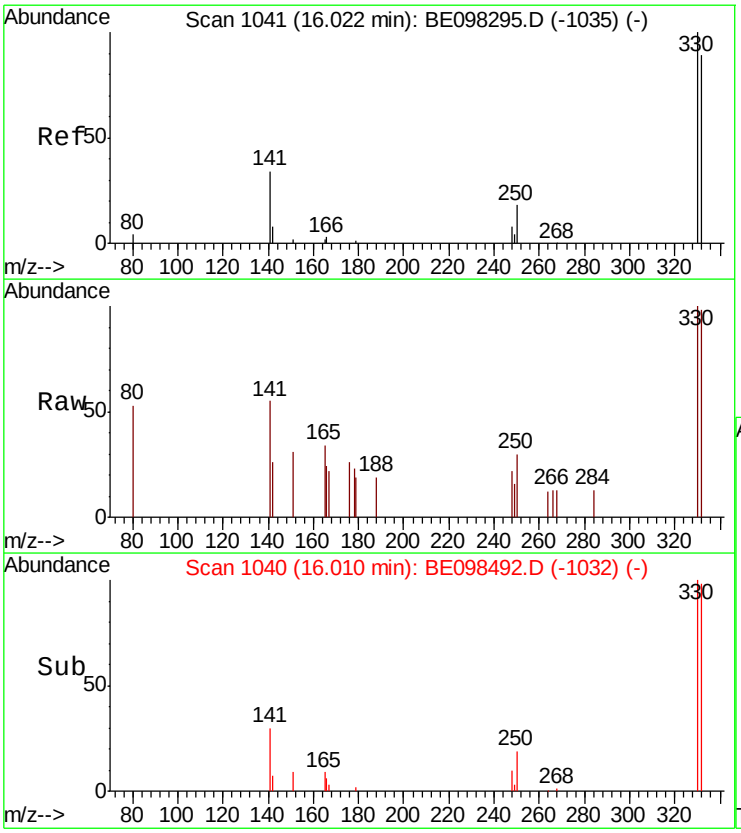
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:164 Resp: 3221

Ion	Ratio	Lower	Upper
164	100		
162	86.1	77.6	116.4
160	55.9	36.0	54.0#

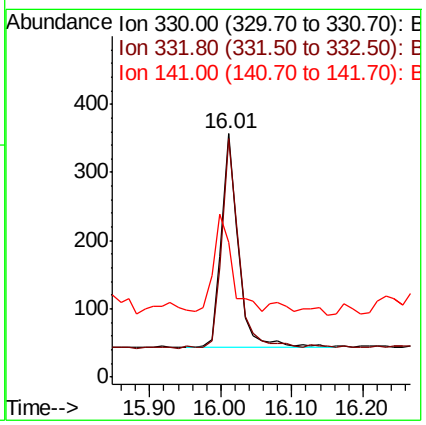


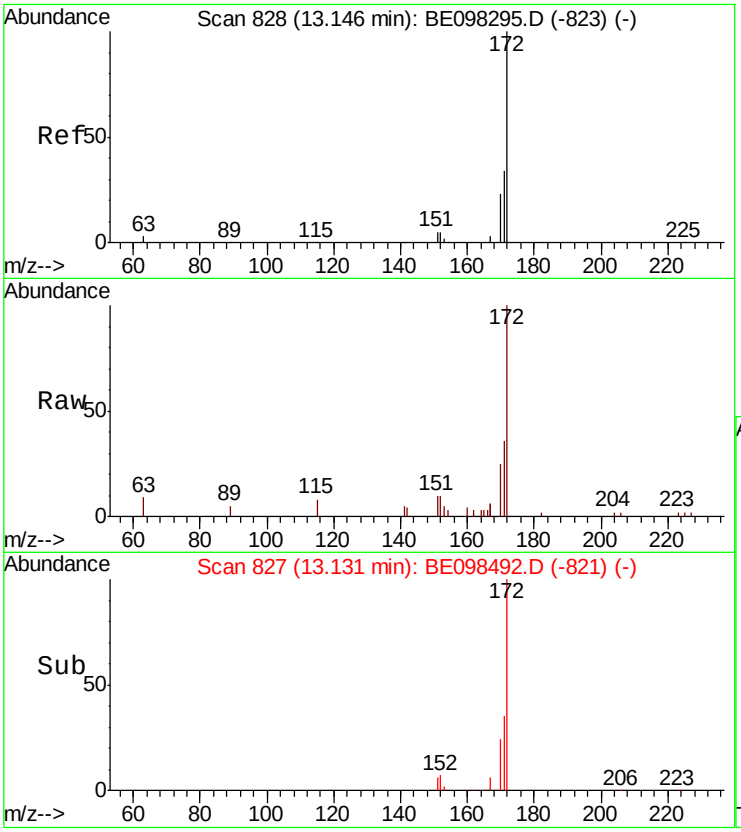


#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:330 Resp: 510

Ion	Ratio	Lower	Upper
330	100		
332	101.0	76.2	114.4
141	49.0	39.0	58.4



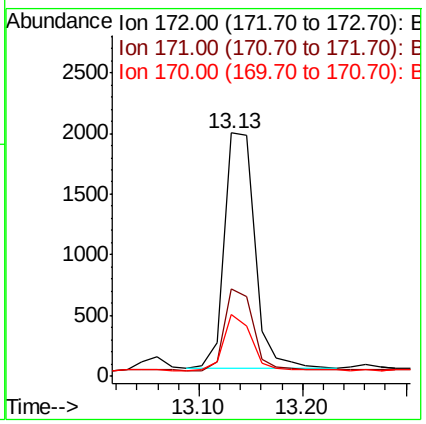


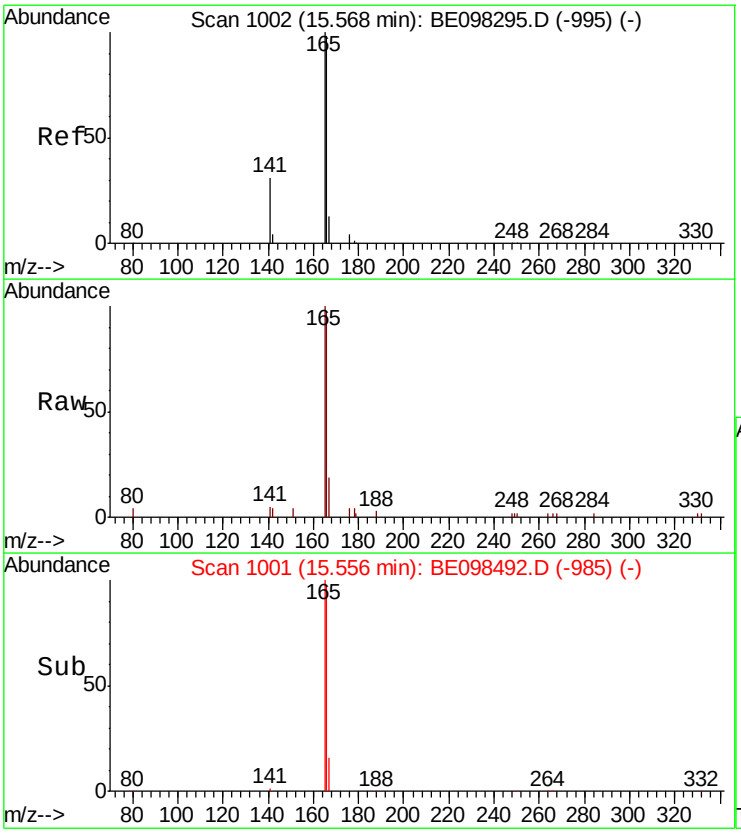
#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:172 Resp: 3948

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.5	41.3
170	25.3	19.6	29.4

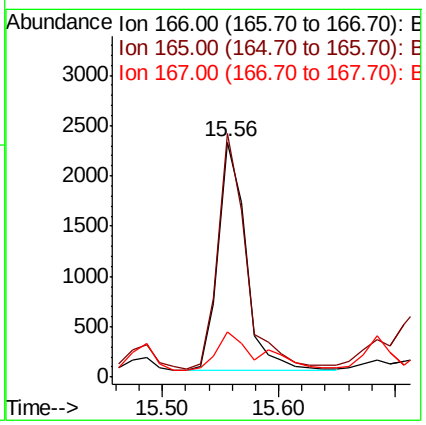


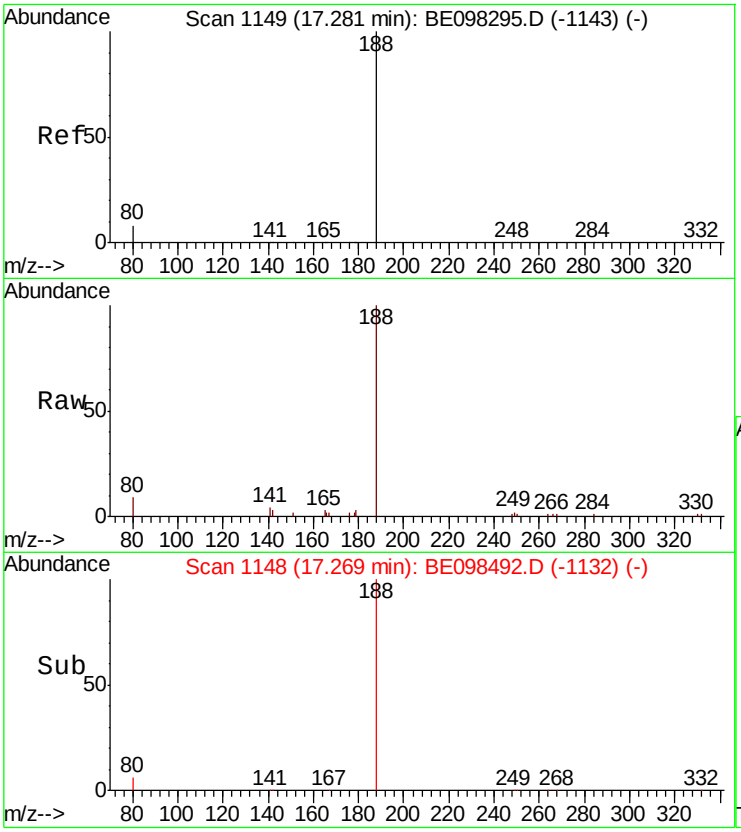


#18
Fluorene
Concen: 0.308 ng
RT: 15.56 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:166 Resp: 3732

Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.3	118.9
167	26.2	11.3	16.9#



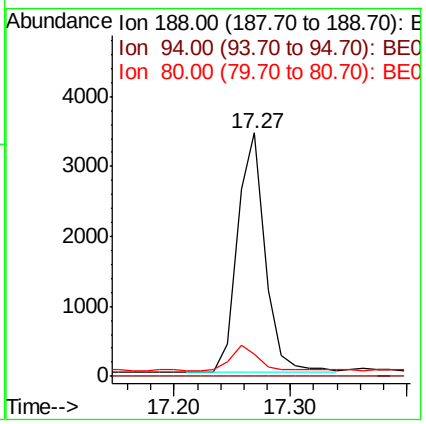


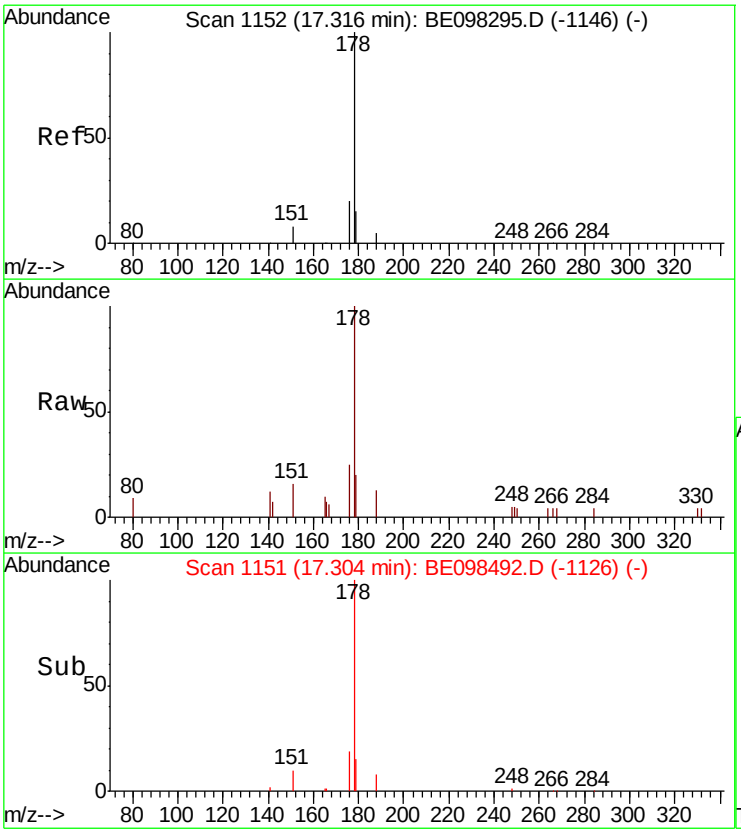
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:188 Resp: 5695

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.2	10.8

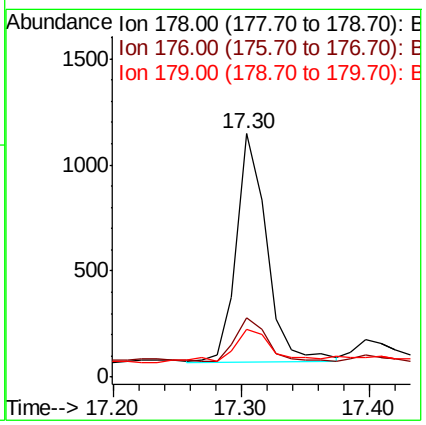


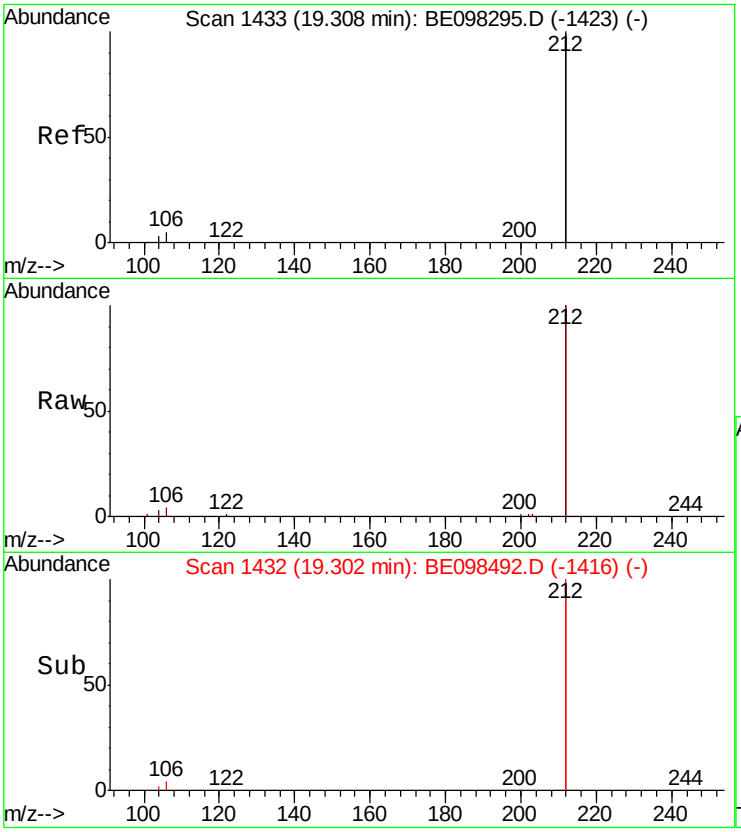


#23
Phenanthrene
Concen: 0.127 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:178 Resp: 1763

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	19.8	12.3	18.5#



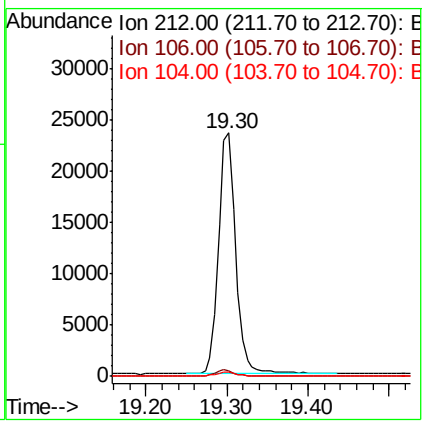


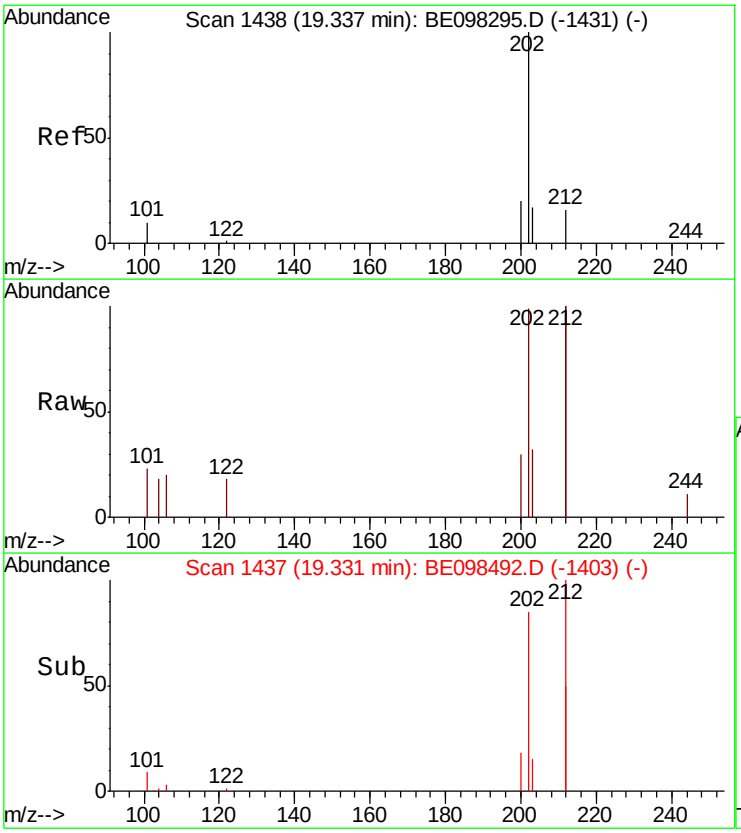
#25
Fluoranthene-d10
Concen: 0.476 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:212 Resp: 34748

Ion	Ratio	Lower	Upper
212	100		
106	2.3	2.2	3.2
104	1.4	1.3	1.9

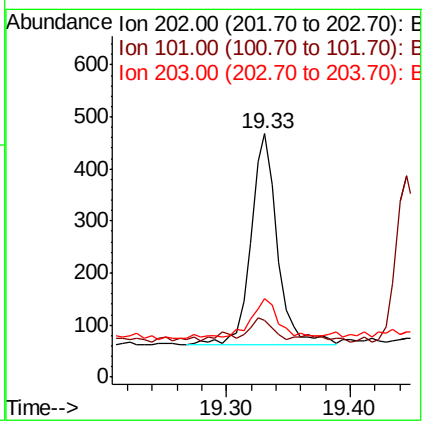


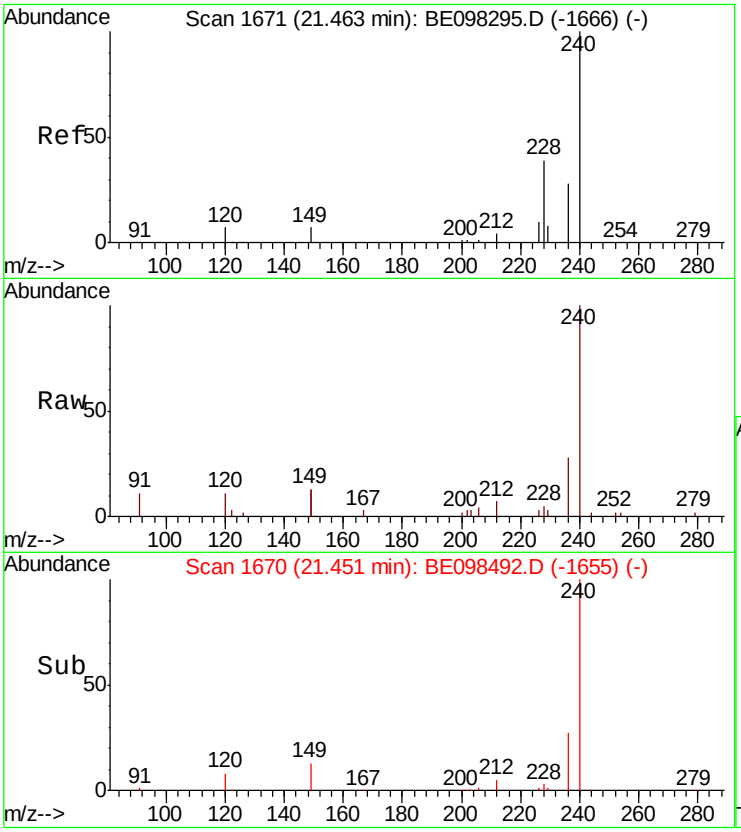


#26
Fluoranthene
Concen: 0.033 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:202 Resp: 602

Ion	Ratio	Lower	Upper
202	100		
101	7.8	8.0	12.0#
203	16.9	13.8	20.6



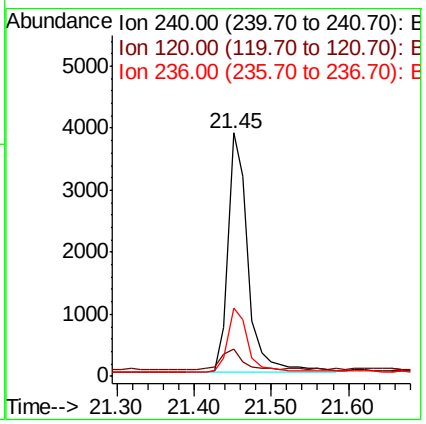


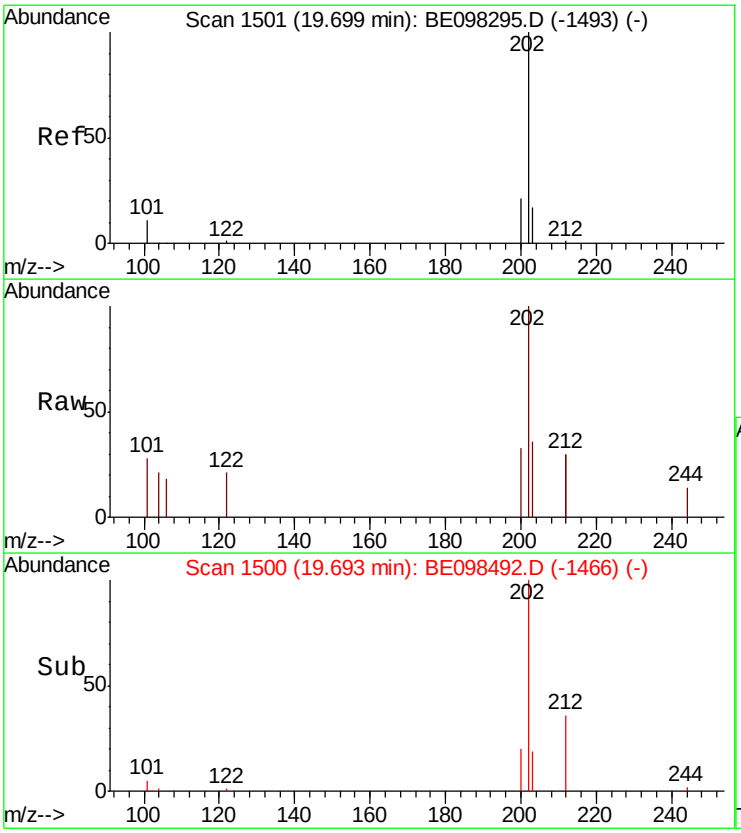
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:240 Resp: 6963

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	28.1	22.7	34.1

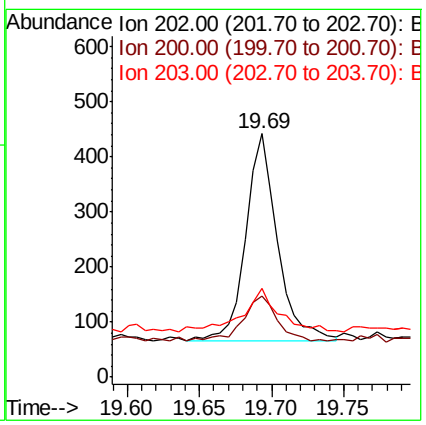


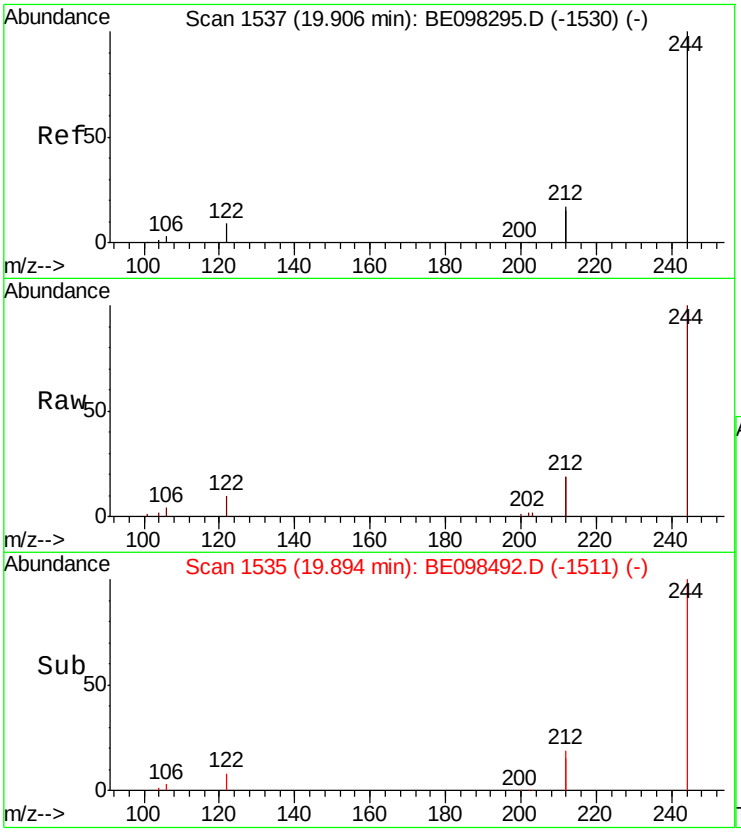


#28
Pyrene
Concen: 0.027 ng
RT: 19.69 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:202 Resp: 579

Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.7	25.1
203	25.9	14.1	21.1#



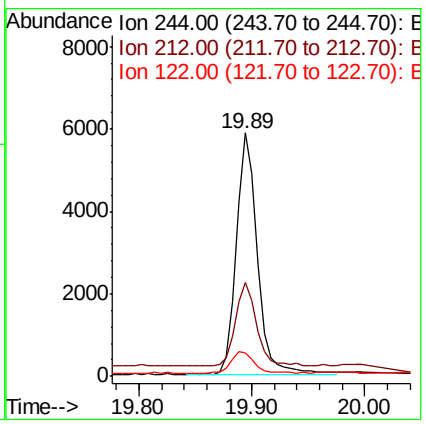


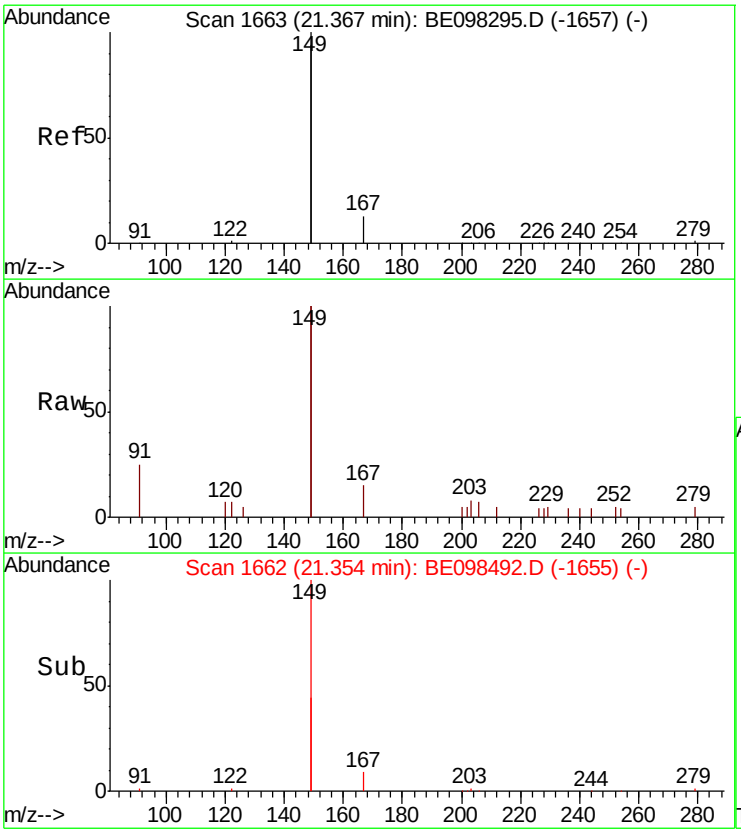
#29
Terphenyl-d14
Concen: 0.453 ng
RT: 19.89 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:244 Resp: 7668

Ion	Ratio	Lower	Upper
244	100		
212	38.3	27.4	41.0
122	9.8	8.3	12.5

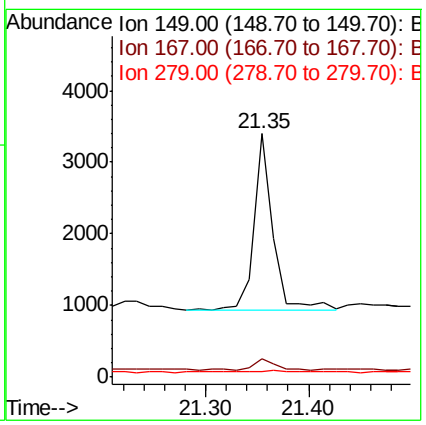


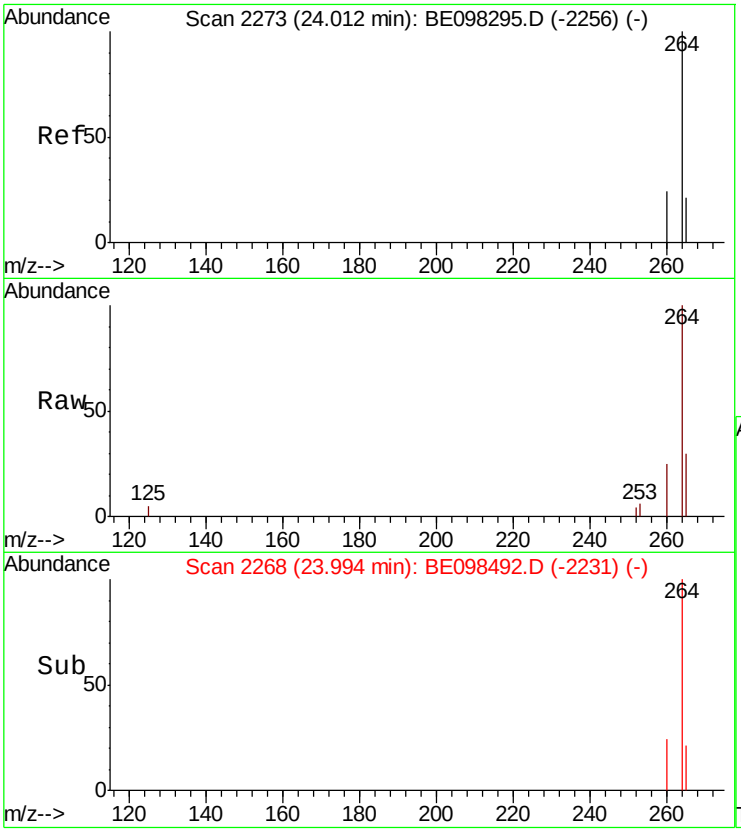


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.078 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Tgt Ion:149 Resp: 3122

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.7	8.5
279	1.6	1.0	1.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BE098492.D
Acq: 16 Dec 2018 4:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-02_121218

Tgt Ion:264 Resp: 6764

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	30.5	25.2	37.8