Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
Data File : BE091566.D
Acq On : 30 Mar 2016 22:37
Operator : UM/SJ
Sample : H1953-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-3

Quant Time: Mar 31 01:01:28 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	37393	5.00	ng		0.00
6) Naphthalene-d8	10.59	136	178278	5.00	ng		0.00
10) Acenaphthene-d10	14.42	164	109996	5.00	ng		-0.03
16) Phenanthrene-d10	17.16	188	273224	5.00	ng		-0.01
22) Chrysene-d12	21.31	240	394191	5.00	ng		-0.02
28) Perylene-d12	23.76	264	321319	5.00	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	26971	2.75	ng		-0.02
5) Phenol-d6	6.97	99	24696	1.87	ng		-0.02
7) Nitrobenzene-d5	8.96	82	42235	3.53	ng		-0.02
11) 2,4,6-Tribromophenol	15.90	330	35038	7.19	ng		-0.02
12) 2-Fluorobiphenyl	13.05	172	121430	3.88	ng		-0.02
24) Terphenyl-d14	19.76	244	273597	5.47	ng		-0.02
Target Compounds							Qvalue
19) Phenanthrene	17.19	178	2444	0.04	ng	#	88
20) Anthracene	17.29	178	1493	0.03	ng		98
21) Fluoranthene	19.21	202	1979	0.03	ng	#	90
23) Pyrene	19.57	202	1615	0.02	ng	#	93
25) Benzo(a)anthracene	21.29	228	3462	0.04	ng	#	66

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE033116\
Data File : BE091566.D
Acq On : 30 Mar 2016 22:37
Operator : UM/SJ
Sample : H1953-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW-3

Quant Time: Mar 31 01:01:28 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
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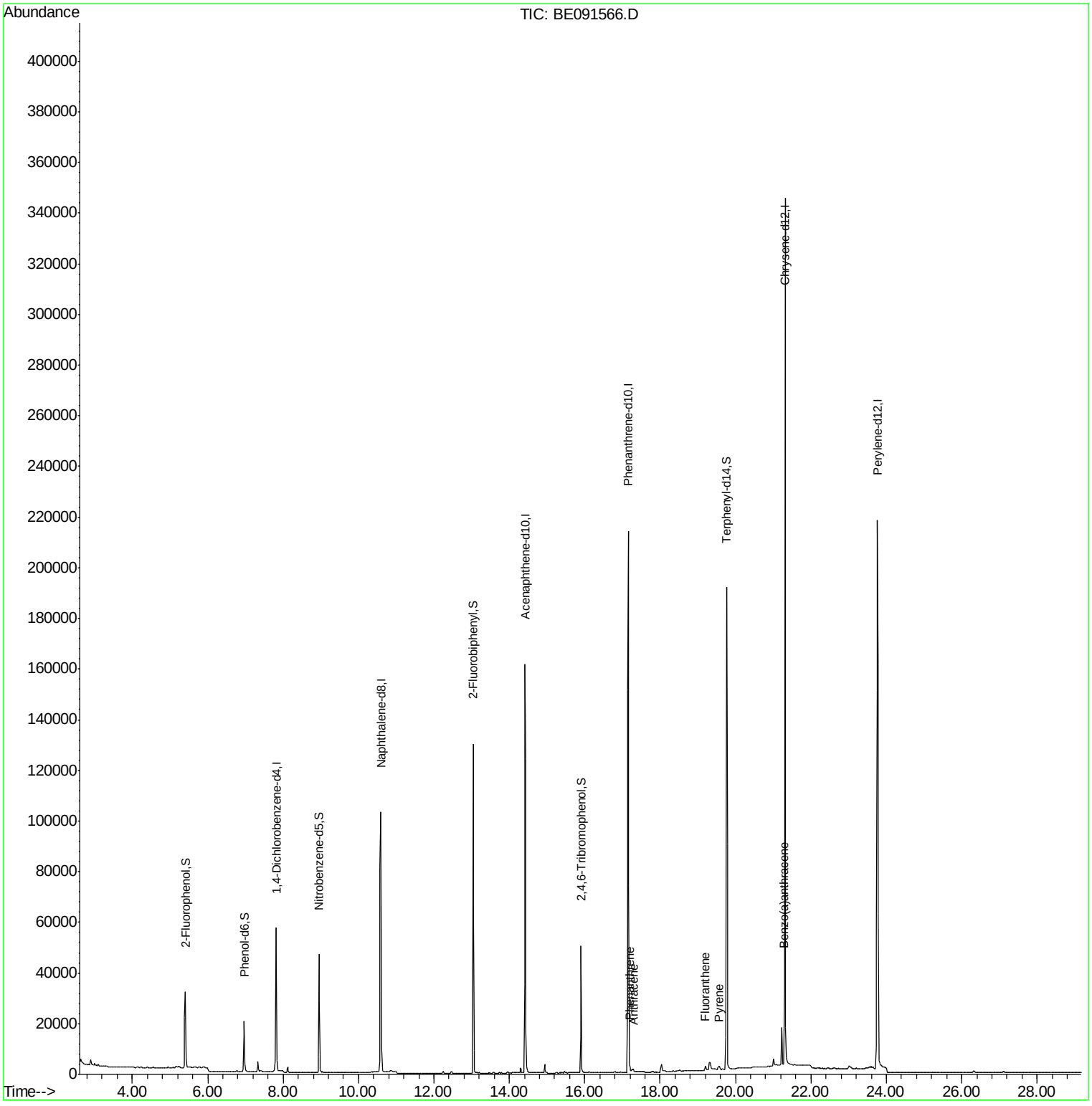
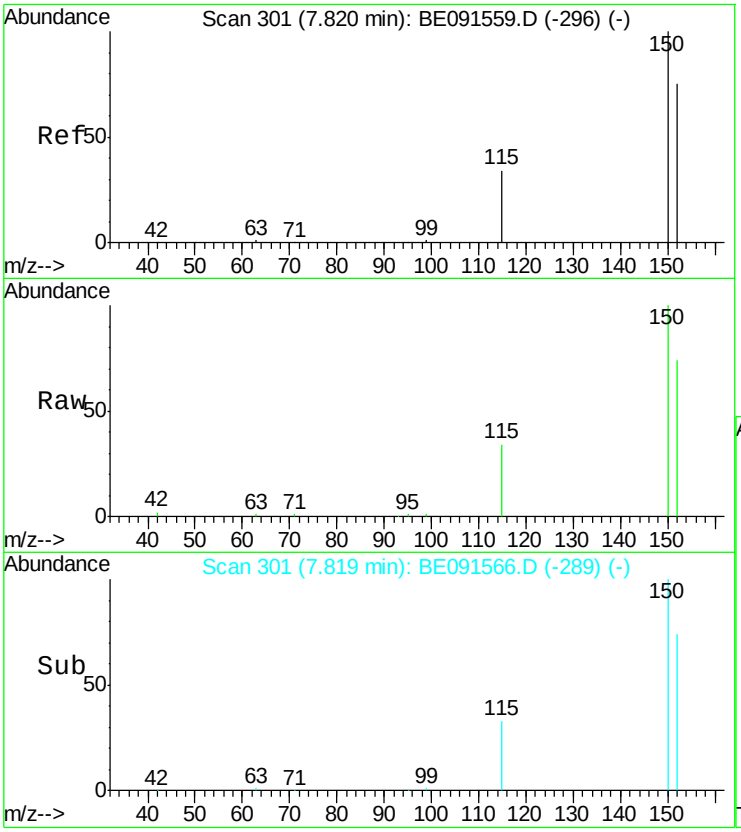


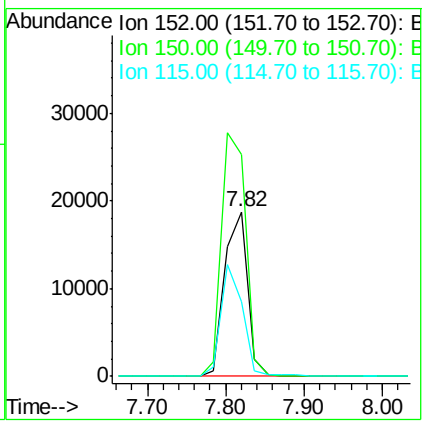


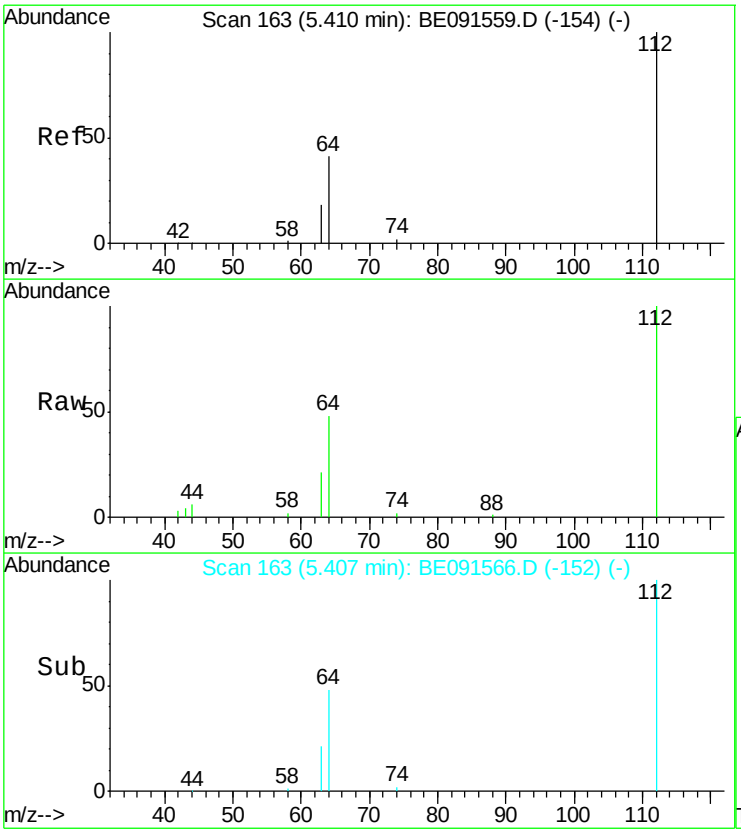
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. 0.00 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 37393

Ion	Ratio	Lower	Upper
152	100		
150	134.3	122.2	183.2
115	45.4	45.9	68.9#

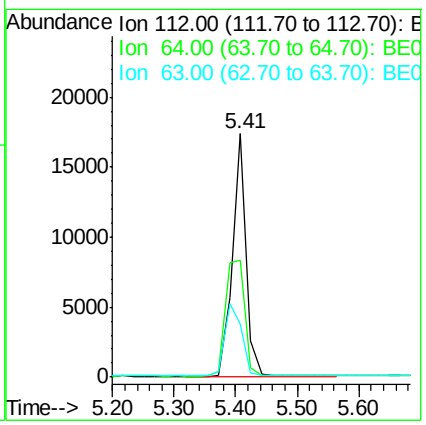


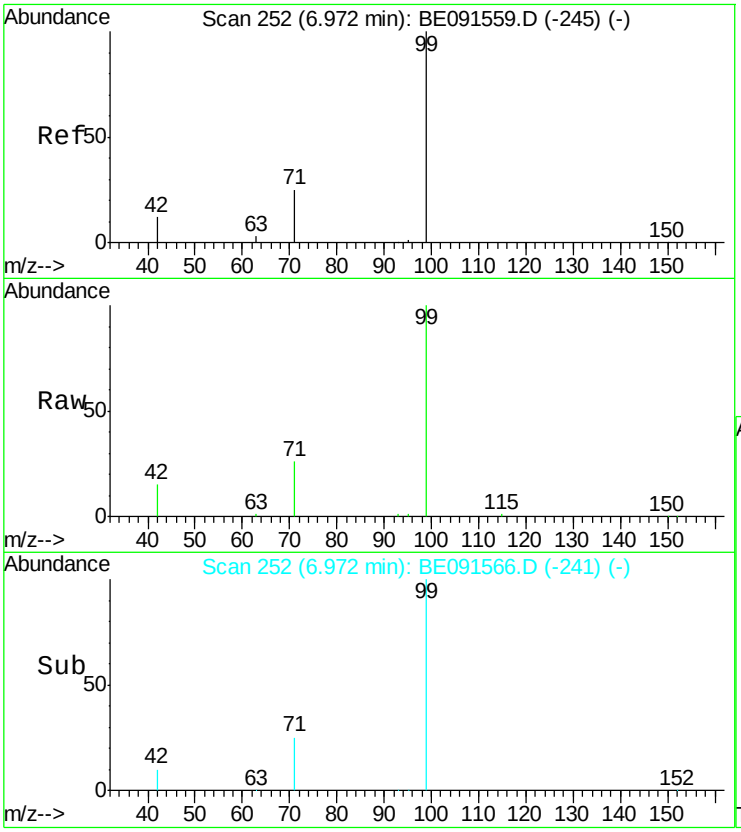


#4
2-Fluorophenol
Concen: 2.75 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Tgt Ion:112 Resp: 26971

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.3	79.9
63	36.2	29.8	44.8



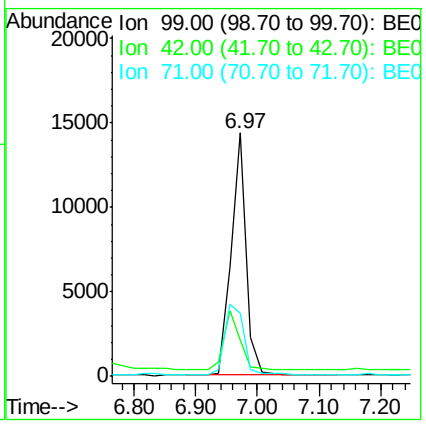


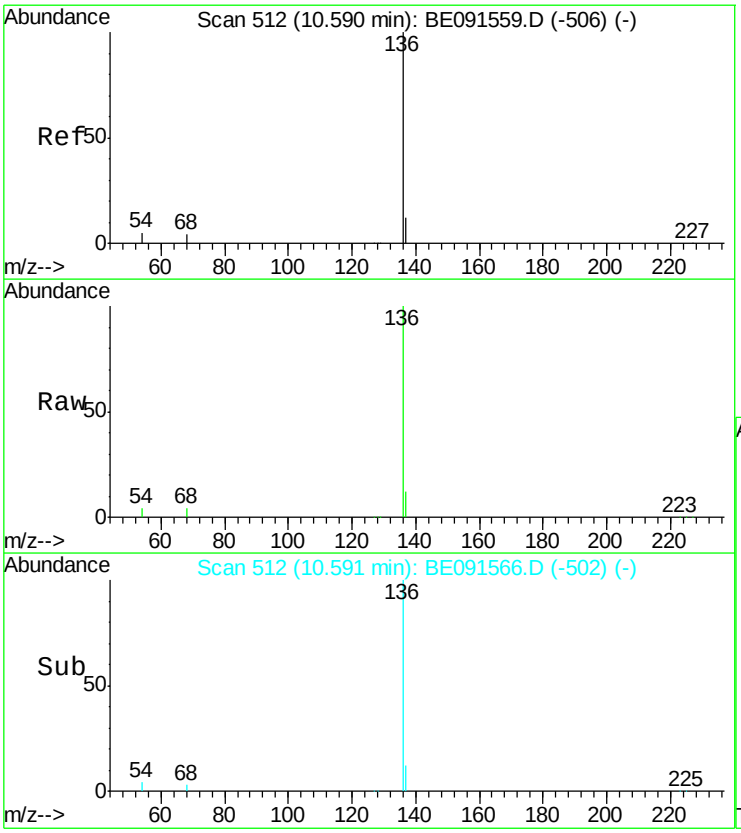
#5
Phenol-d6
Concen: 1.87 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 24696

Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.6	30.8
71	36.1	29.0	43.4

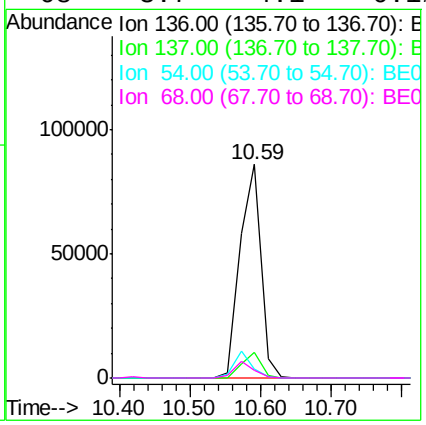


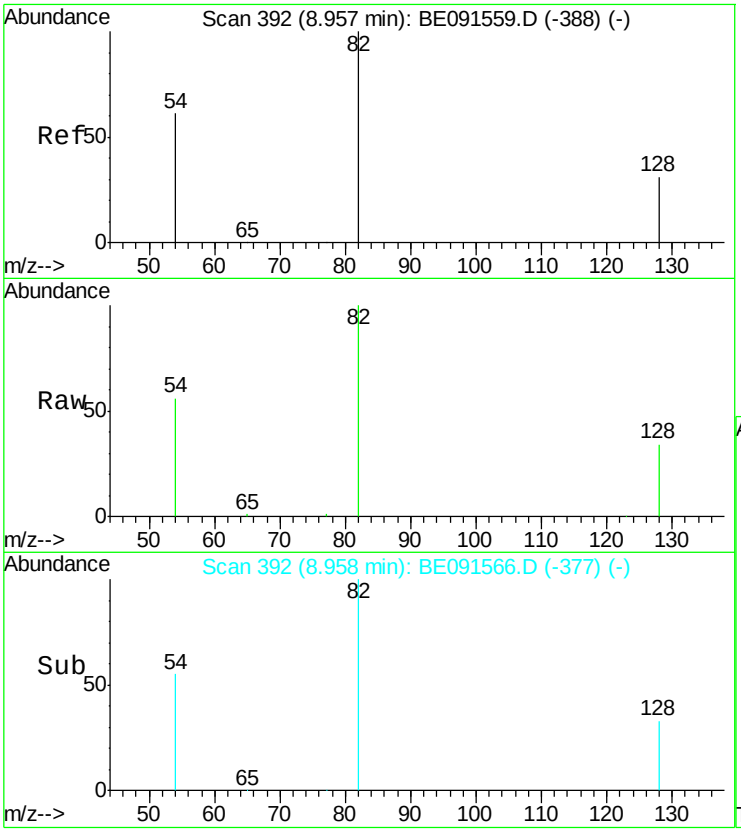


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Tgt Ion:136 Resp: 178278

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	4.4	5.2	7.8#
68	3.7	4.1	6.1#



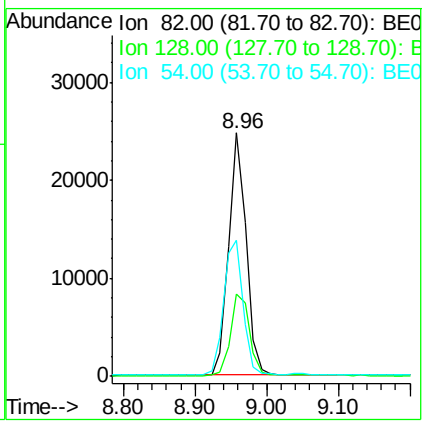


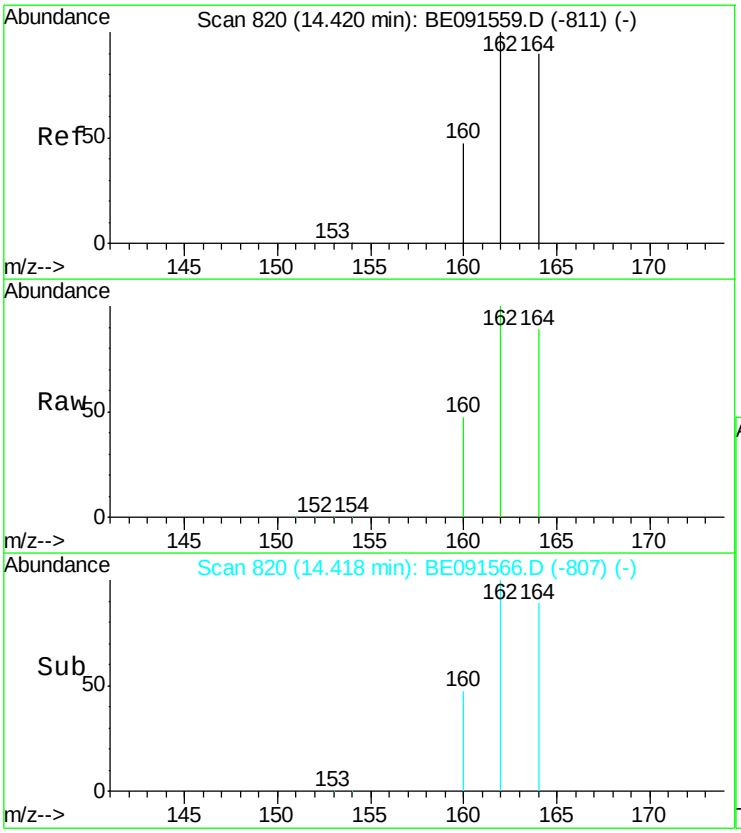
#7
Nitrobenzene-d5
Concen: 3.53 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion: 82 Resp: 42235

Ion	Ratio	Lower	Upper
82	100		
128	33.7	23.5	35.3
54	55.6	52.4	78.6

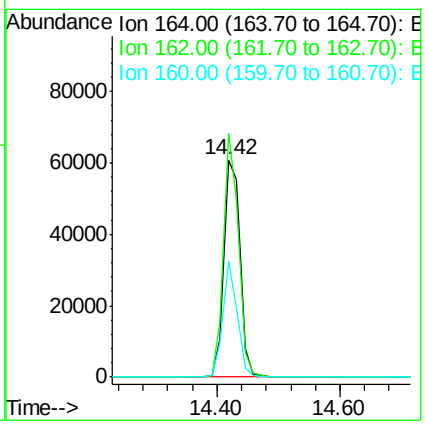


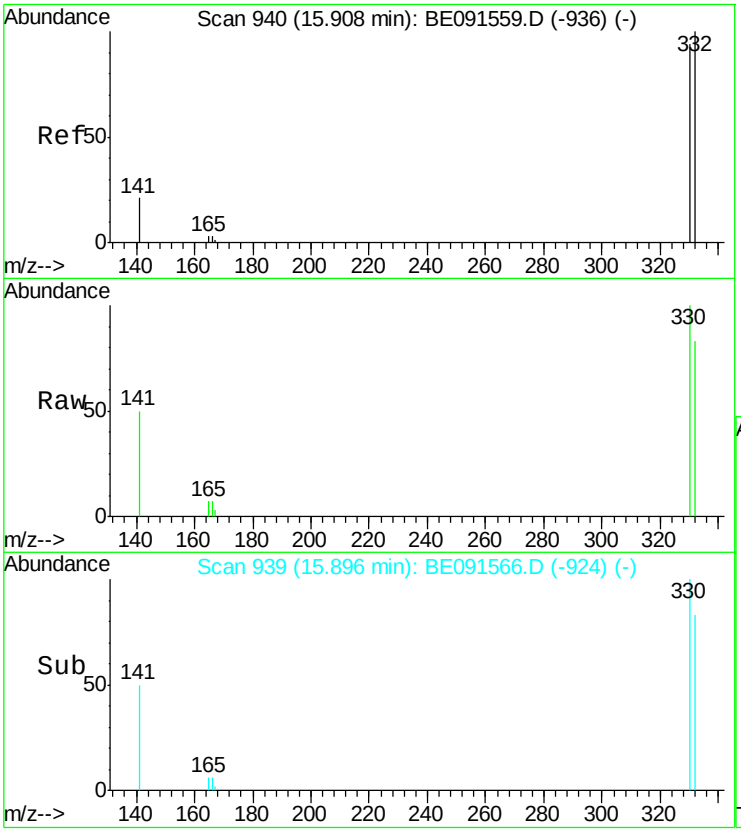


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.03 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Tgt Ion:164 Resp: 109996

Ion	Ratio	Lower	Upper
164	100		
162	112.0	84.4	126.6
160	53.2	37.7	56.5



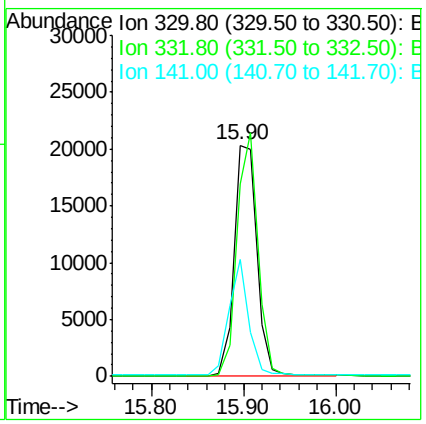


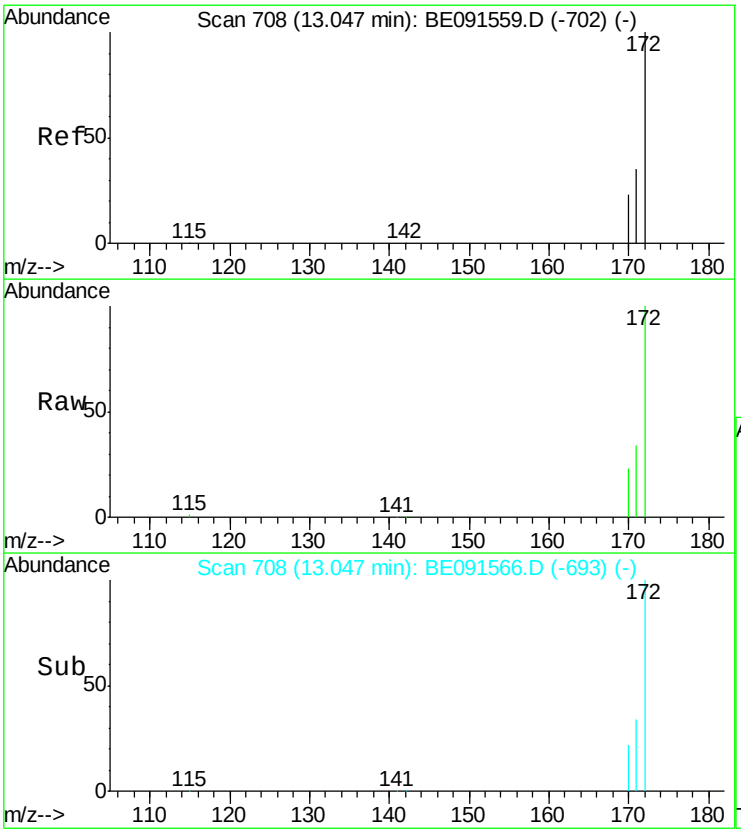
#11
2,4,6-Tribromophenol
Concen: 7.19 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:330 Resp: 35038

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.2	118.8
141	42.9	28.1	42.1#

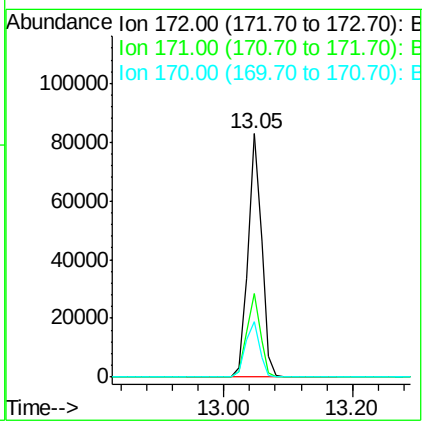


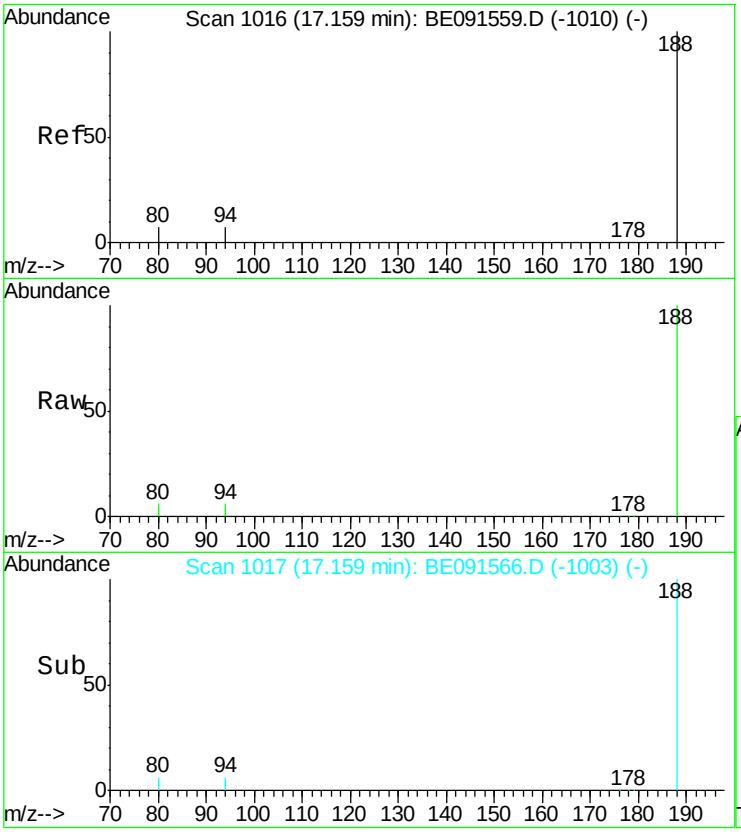


#12
2-Fluorobiphenyl
Concen: 3.88 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Tgt Ion:172 Resp: 121430

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.8	44.8
170	22.5	21.4	32.2



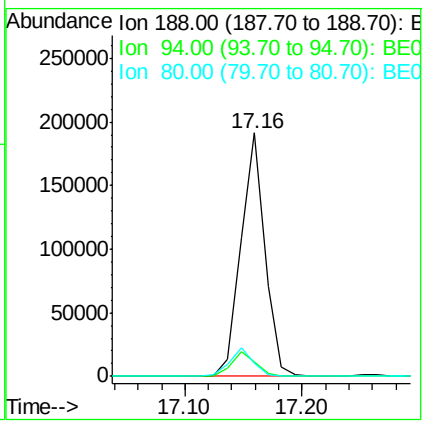


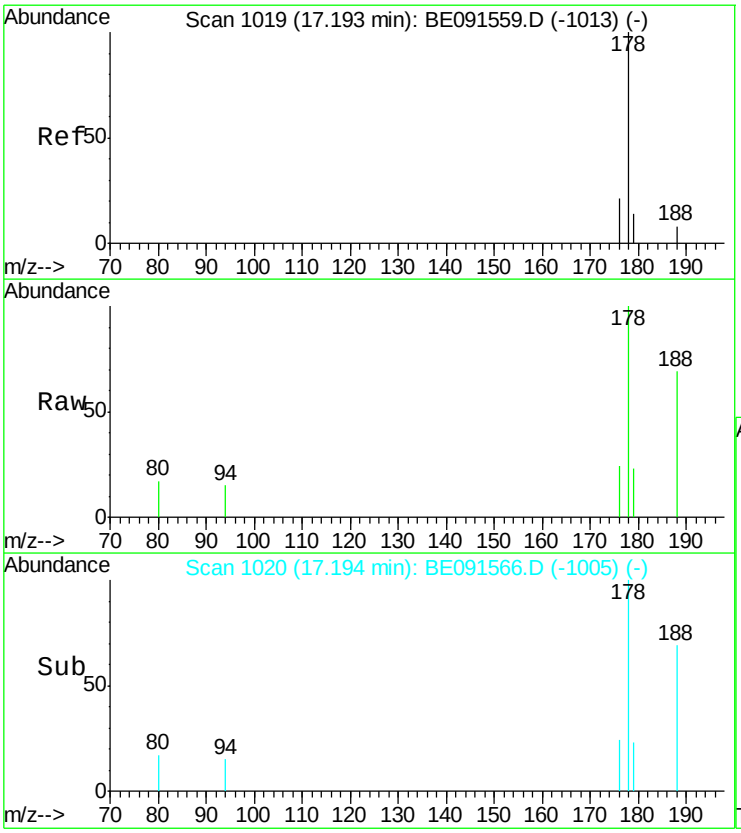
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:188 Resp: 273224

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.4	8.2
80	5.6	5.0	7.4

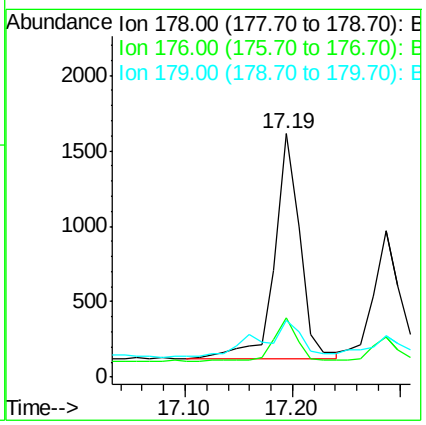


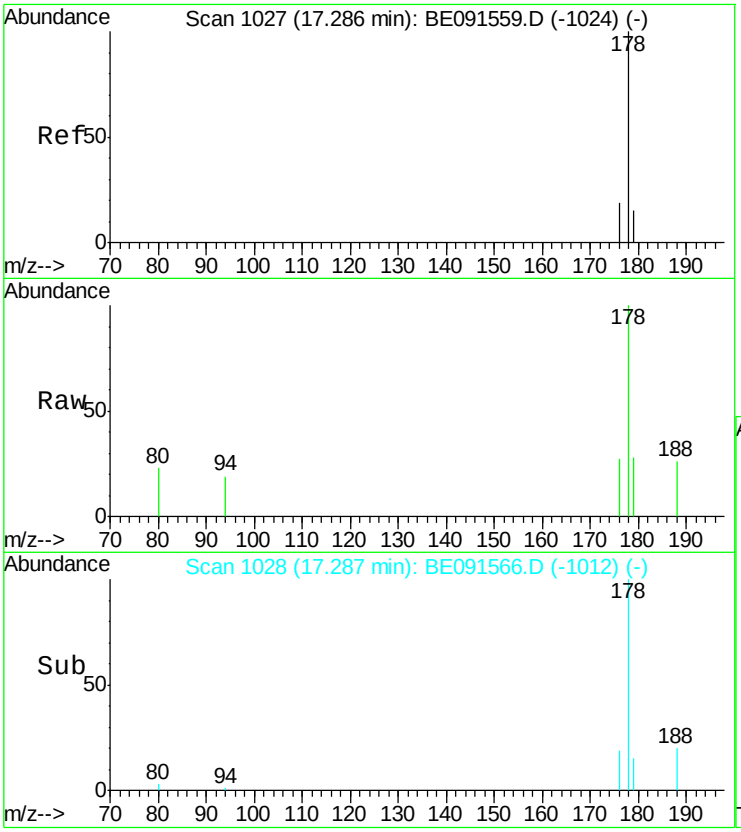


#19
Phenanthrene
Concen: 0.04 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Tgt Ion:178 Resp: 2444

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.5	23.3
179	24.1	13.1	19.7#



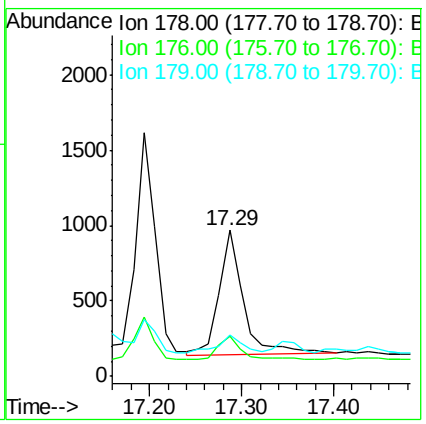


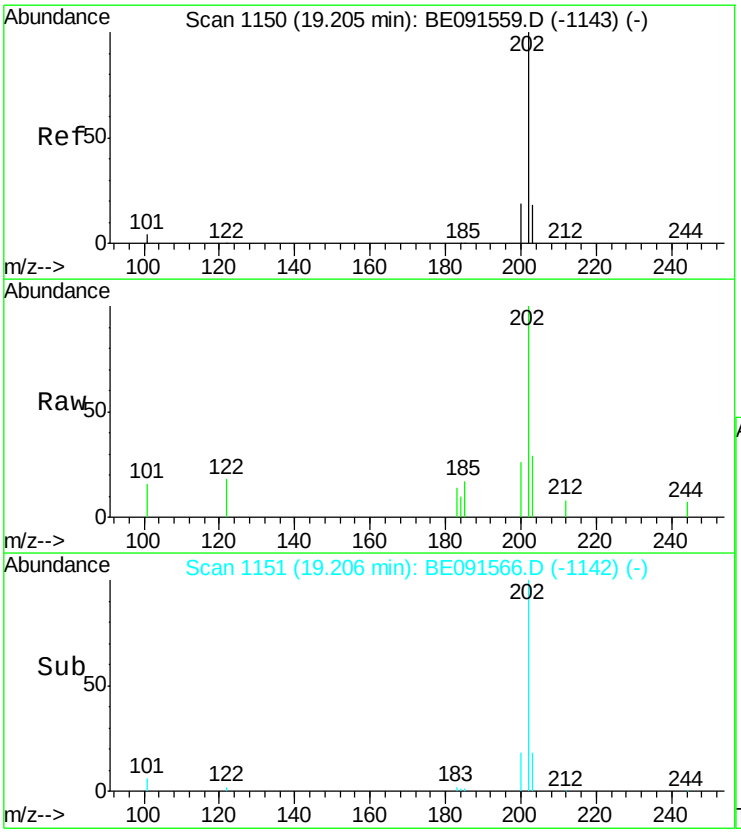
#20
Anthracene
Concen: 0.03 ng
RT: 17.29 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:178 Resp: 1493

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.9	22.3
179	16.8	12.2	18.4

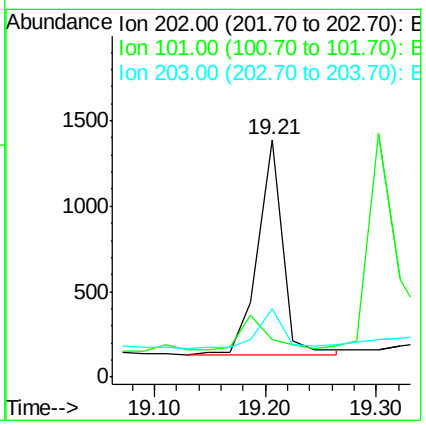


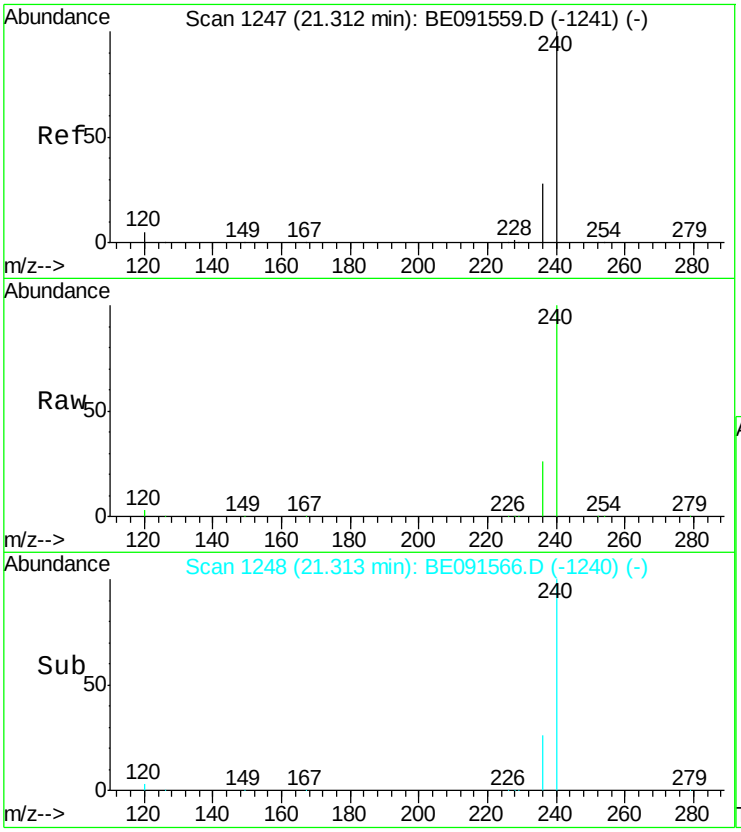


#21
Fluoranthene
Concen: 0.03 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Tgt Ion:202 Resp: 1979

Ion	Ratio	Lower	Upper
202	100		
101	18.3	8.3	12.5#
203	18.6	13.9	20.9



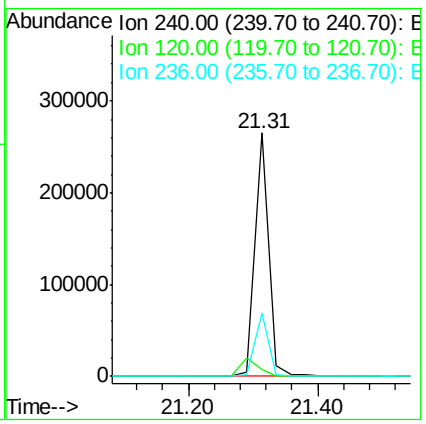


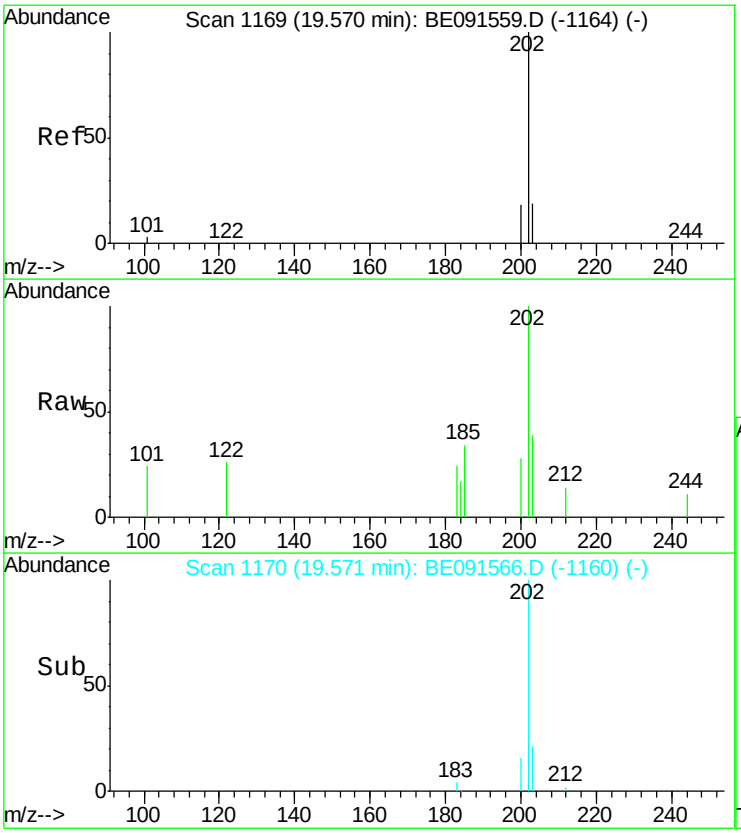
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:240 Resp: 394191

Ion	Ratio	Lower	Upper
240	100		
120	2.7	4.0	6.0#
236	26.1	23.0	34.4

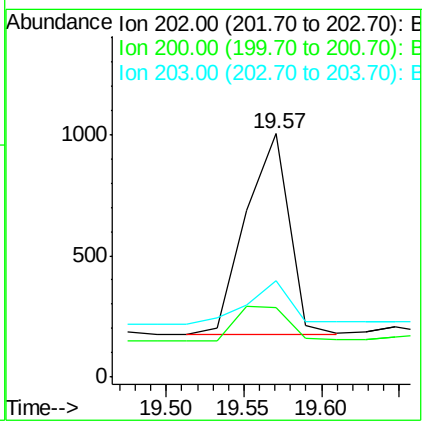


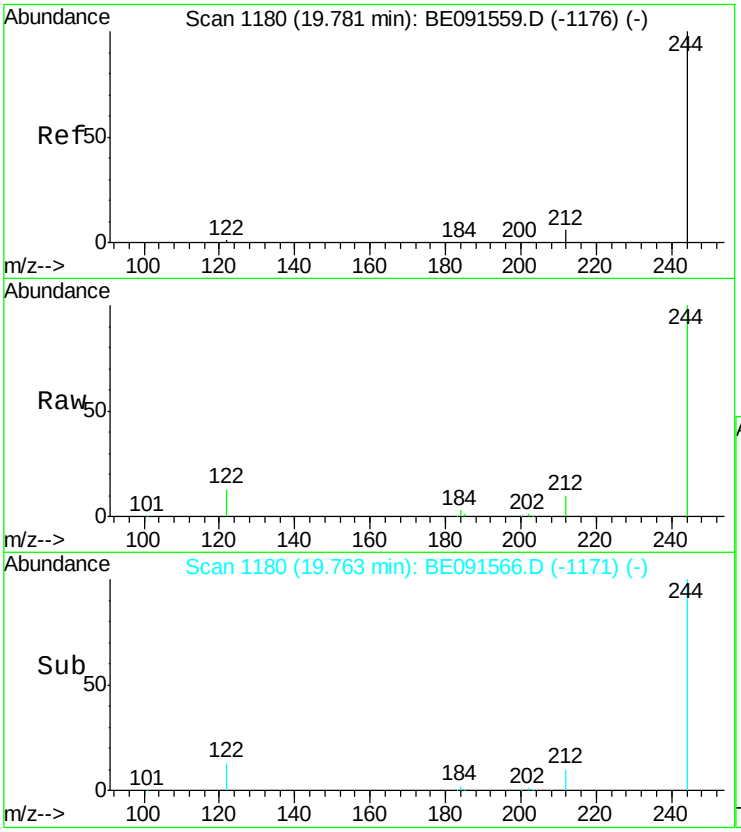


#23
Pyrene
Concen: 0.02 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Tgt Ion:202 Resp: 1615

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.4	24.6
203	23.3	14.6	21.8#



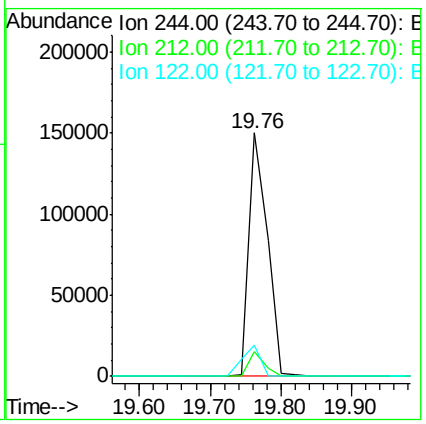


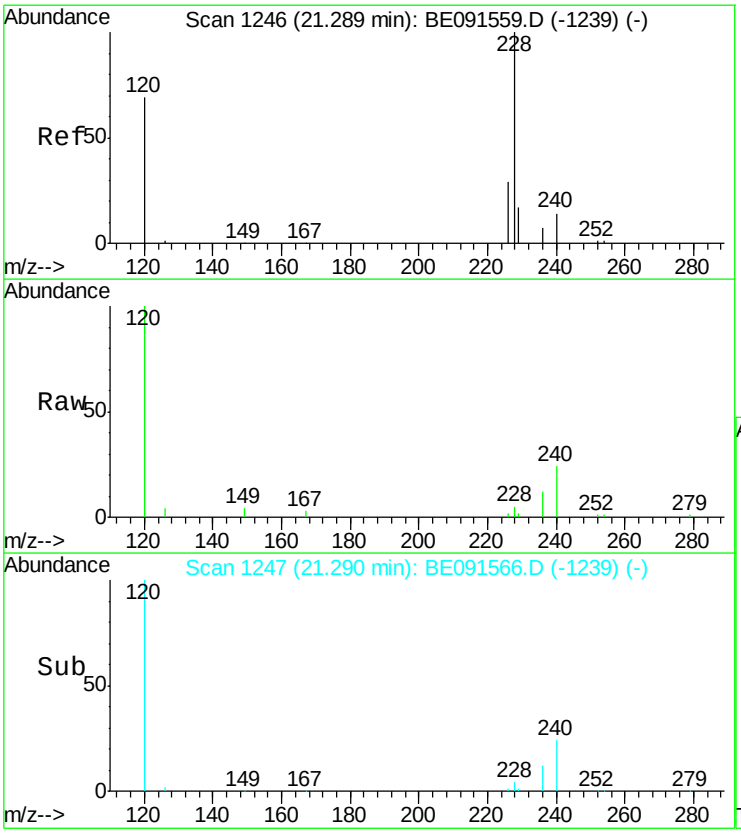
#24
Terphenyl-d14
Concen: 5.47 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 273597

Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.8	8.8#
122	12.9	1.8	2.8#

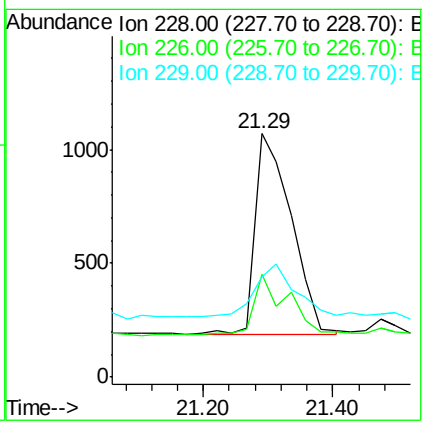


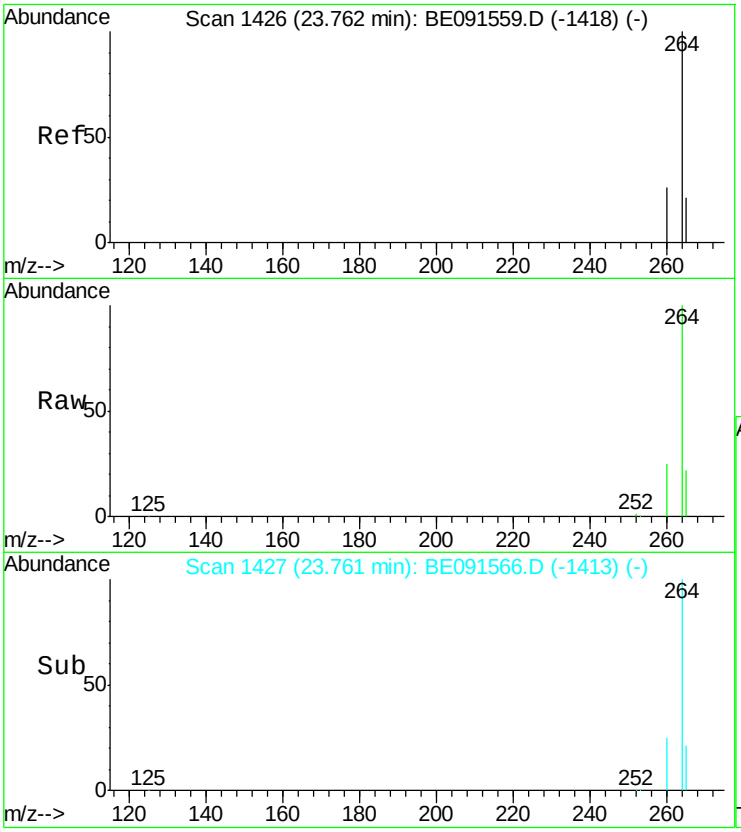


#25
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Tgt Ion:228 Resp: 3462

Ion	Ratio	Lower	Upper
228	100		
226	42.1	24.0	36.0#
229	41.2	13.8	20.6#





#28
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BE091566.D
Acq: 30 Mar 2016 22:37

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:264 Resp: 321319

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	21.8	18.3	27.5