Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090679.D
Acq On : 1 Sep 2015 22:57
Operator : UM/IZ
Sample : G3462-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-3

Quant Time: Sep 02 12:04:17 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	47165	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	196669	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	92132	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	227742	5.00	ng		0.00
25) Chrysene-d12	21.07	240	303298	5.00	ng		0.00
32) Perylene-d12	23.36	264	276322	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	28717	3.13	ng		0.00
5) Phenol-d6	6.75	99	21538	1.64	ng		0.00
7) Nitrobenzene-d5	8.71	82	48078	3.70	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	20724	7.67	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	97634	3.83	ng		0.00
27) Terphenyl-d14	19.53	244	210450	6.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	15928	2.51	ng		97
22) Phenanthrene	16.96	178	1570	0.03	ng	#	83
23) Anthracene	17.05	178	956	0.02	ng	#	85
24) Fluoranthene	18.96	202	2096	0.04	ng		99
26) Pyrene	19.32	202	2251	0.04	ng	#	92
30) Bis(2-ethylhexyl)phthalate	21.00	149	8741	0.55	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090679.D
Acq On : 1 Sep 2015 22:57
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Sample : G3462-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
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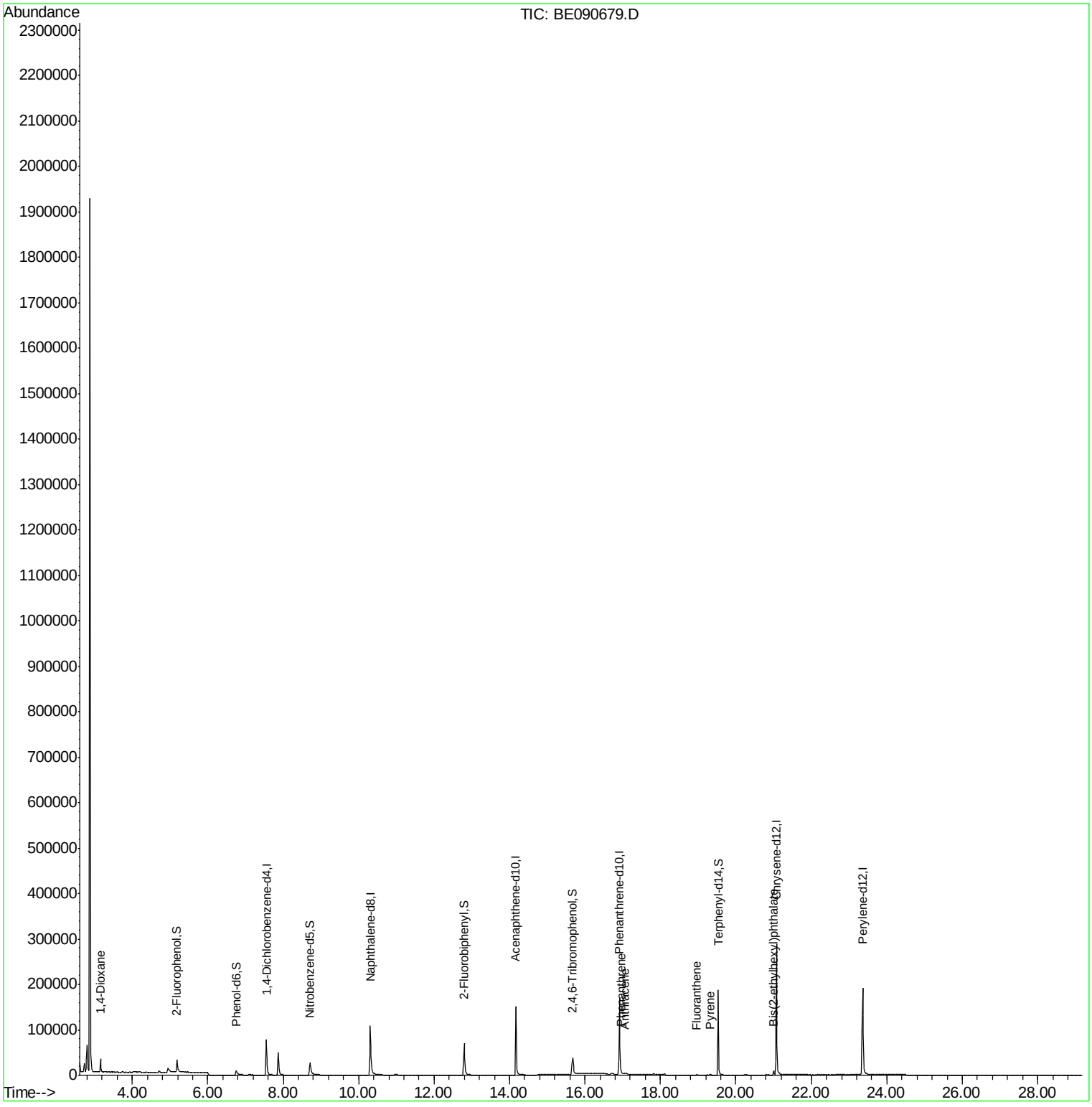
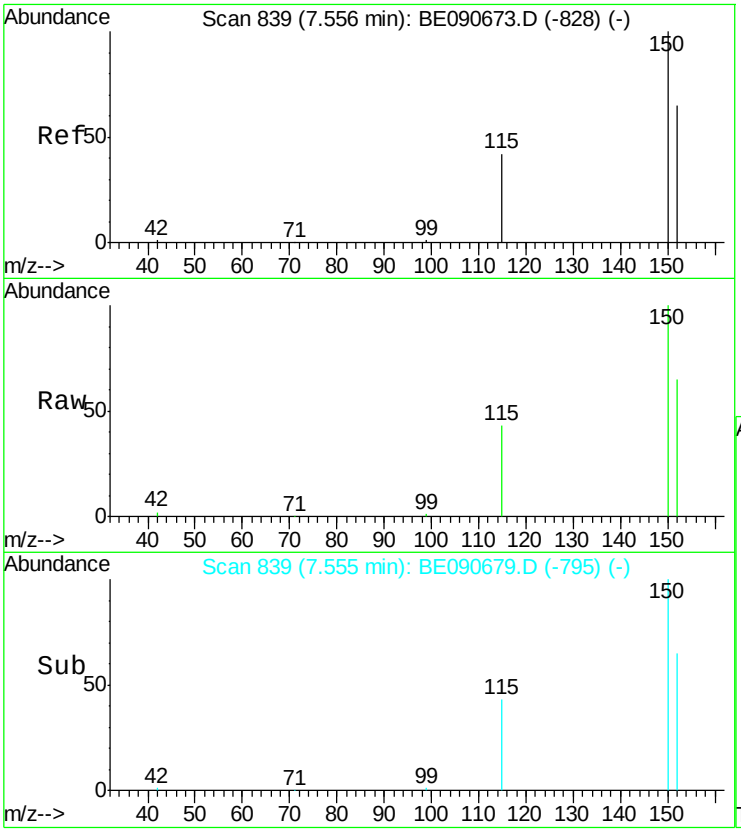


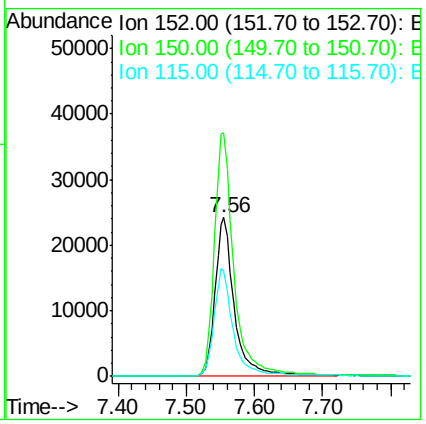


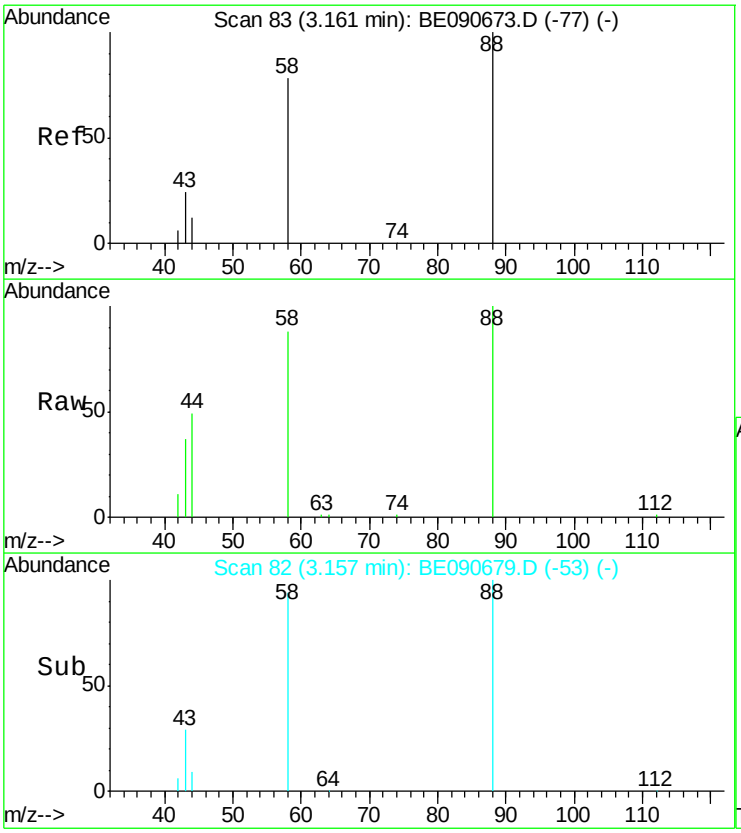
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.56 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 47165

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.4
115	66.2	51.0	76.4

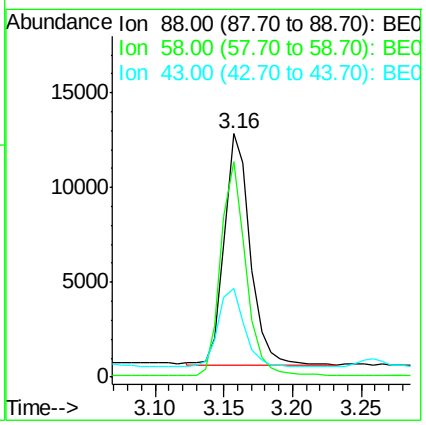


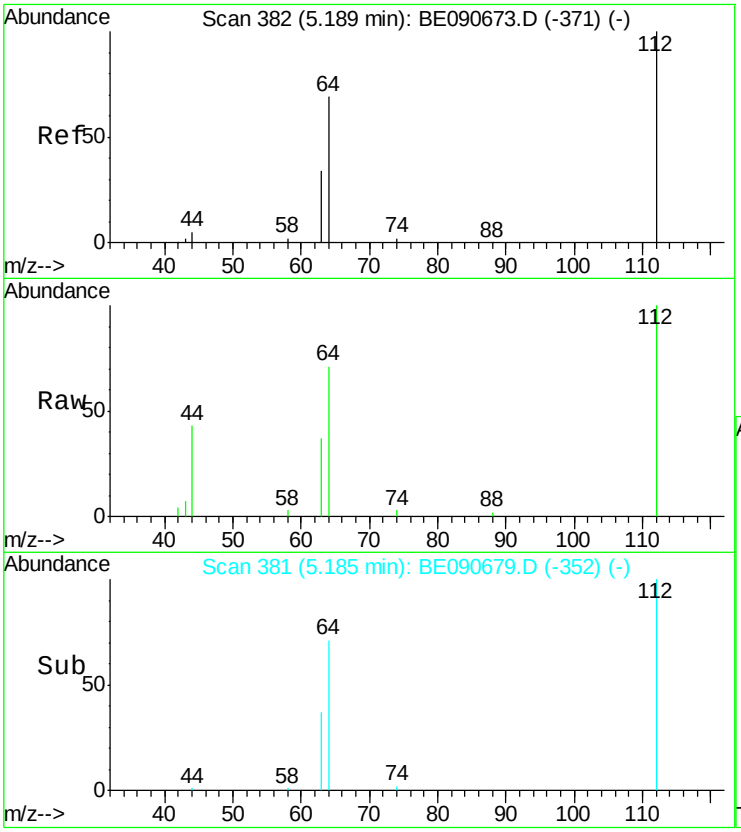


#2
1,4-Dioxane
Concen: 2.51 ng
RT: 3.16 min Scan# 82
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion: 88 Resp: 15928

Ion	Ratio	Lower	Upper
88	100		
58	88.8	68.4	102.6
43	34.8	26.9	40.3



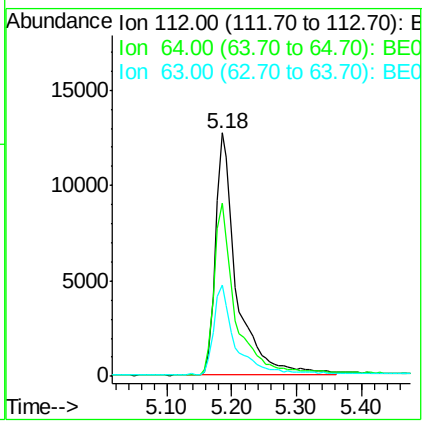


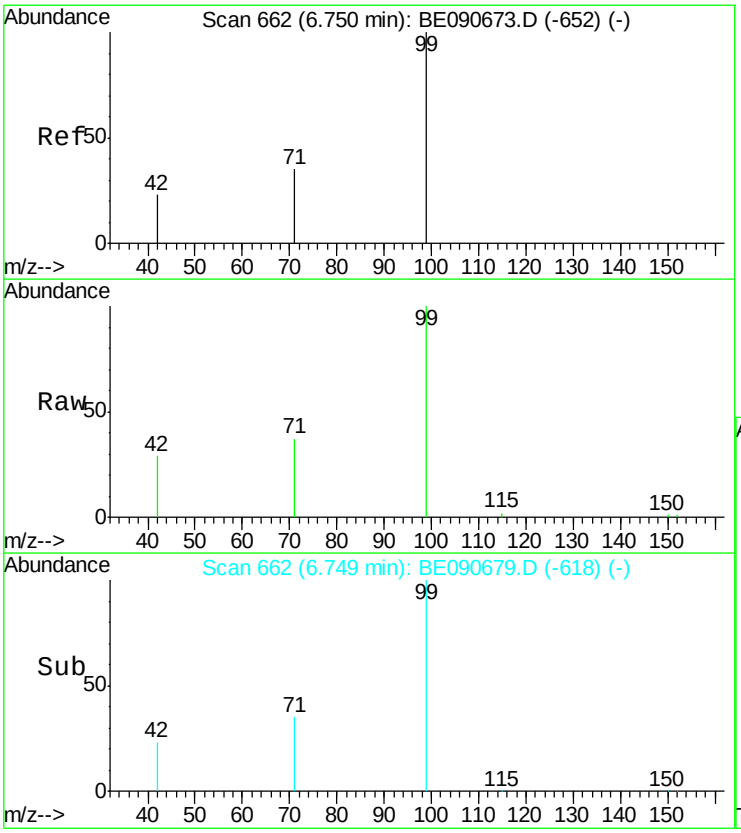
#4
2-Fluorophenol
Concen: 3.13 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:112 Resp: 28717

Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.3	85.9
63	37.3	29.2	43.8

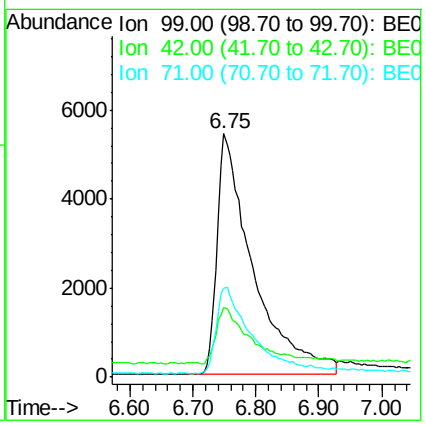


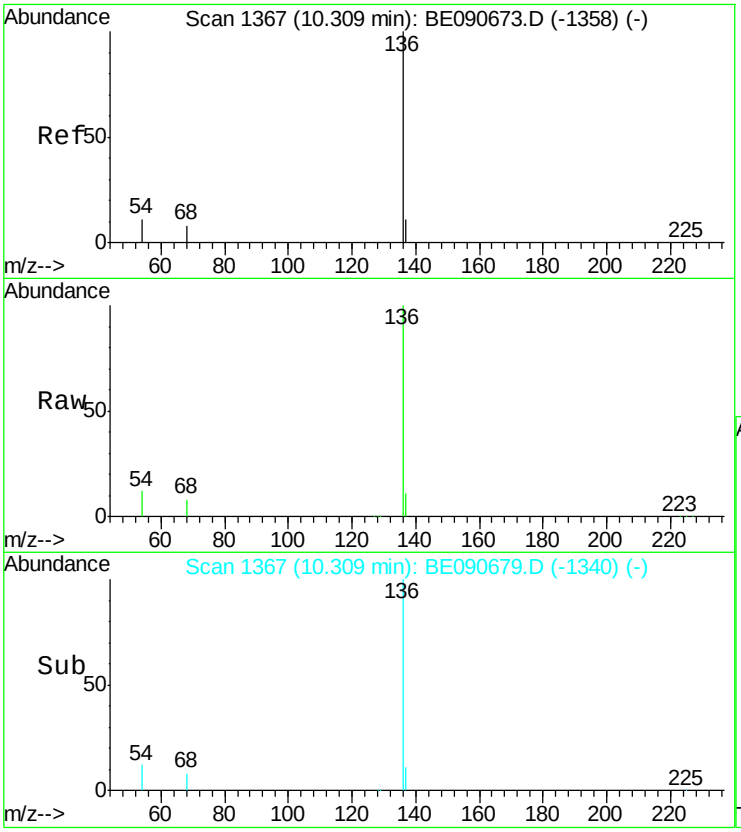


#5
Phenol-d6
Concen: 1.64 ng
RT: 6.75 min Scan# 662
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion: 99 Resp: 21538

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.8	25.2
71	34.5	28.3	42.5



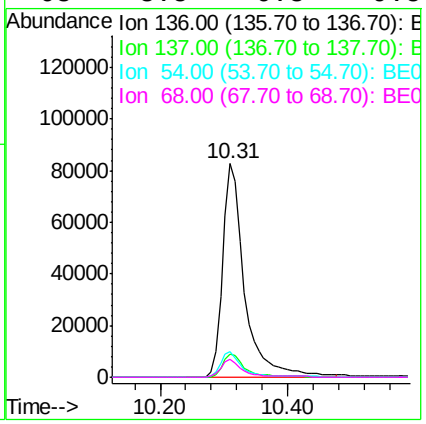


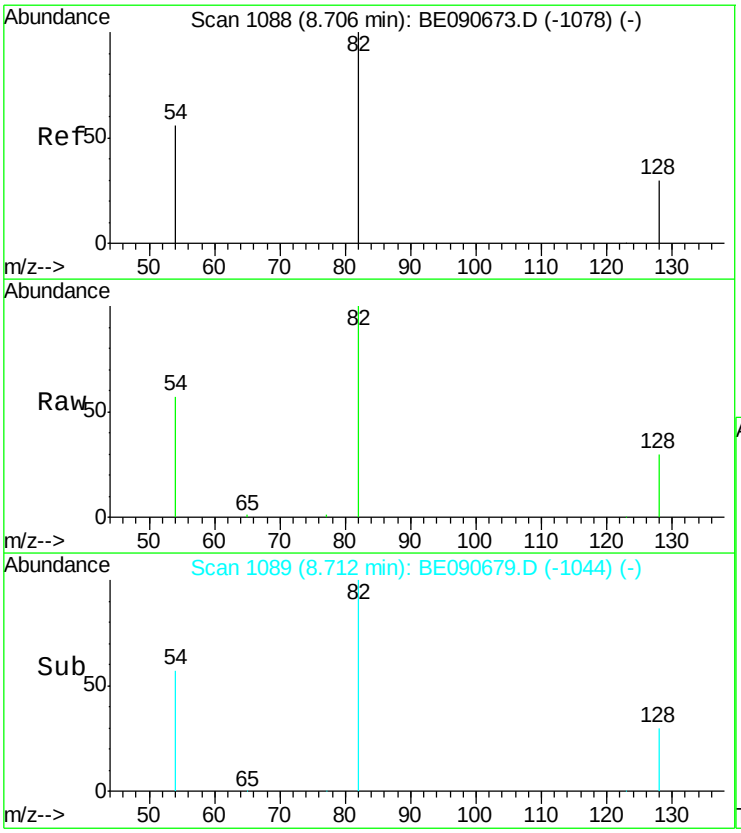
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 196669

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.7	9.0	13.6
68	8.5	6.3	9.5

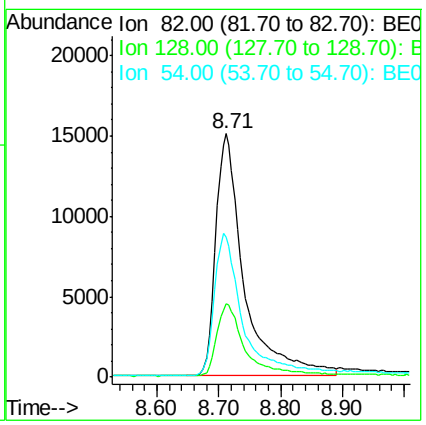


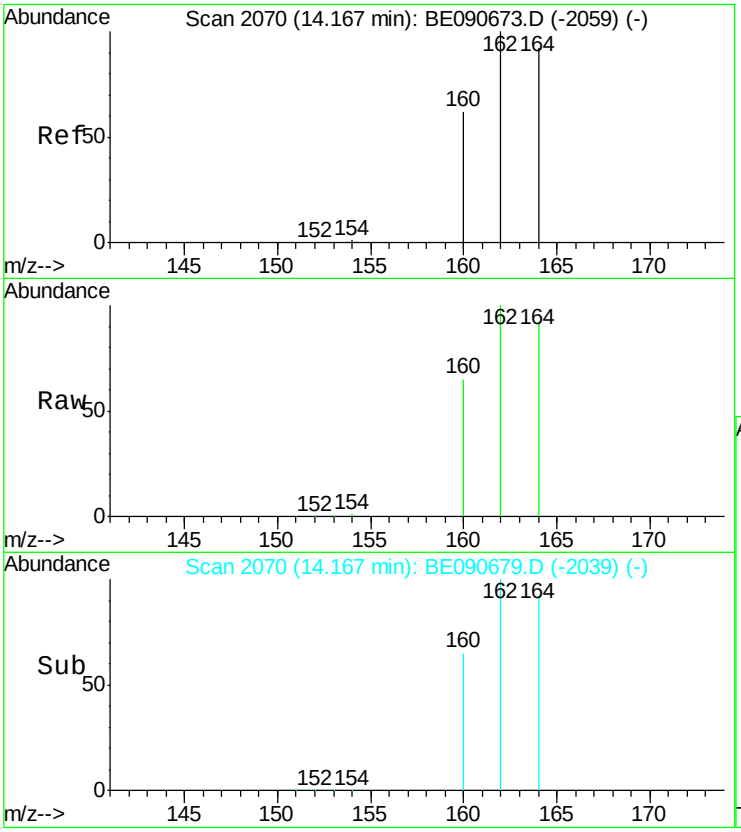


#7
Nitrobenzene-d5
Concen: 3.70 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion: 82 Resp: 48078

Ion	Ratio	Lower	Upper
82	100		
128	30.1	25.0	37.4
54	57.3	46.3	69.5



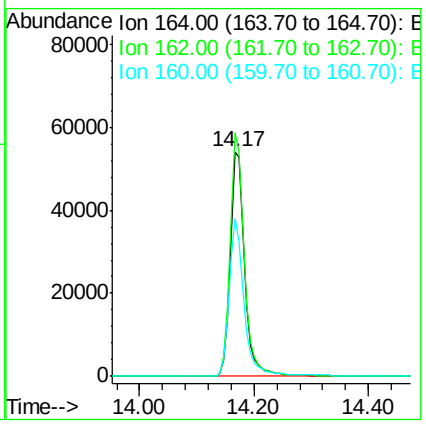


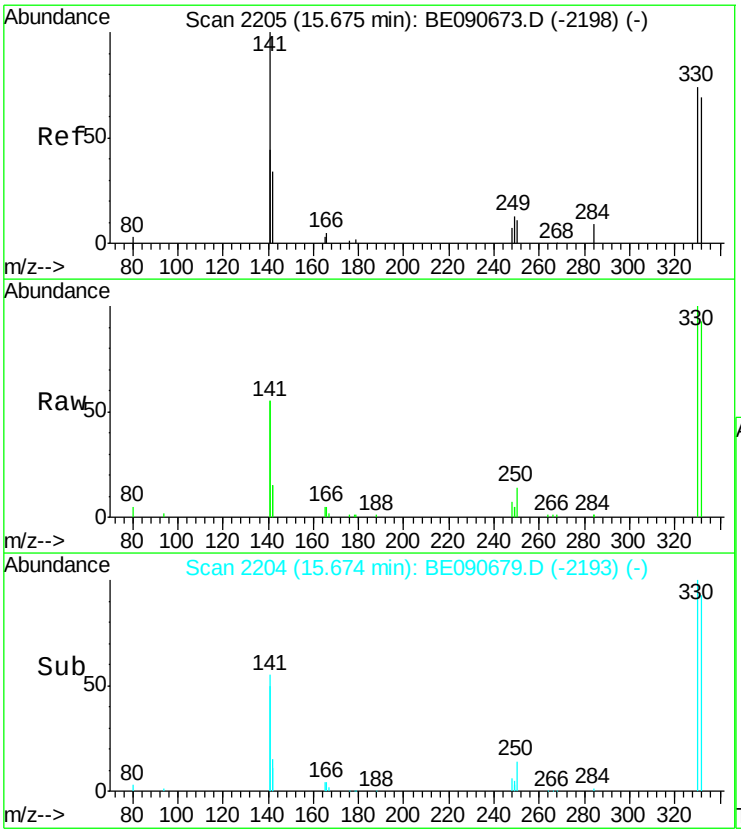
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:164 Resp: 92132

Ion	Ratio	Lower	Upper
164	100		
162	108.2	86.8	130.2
160	70.4	53.9	80.9

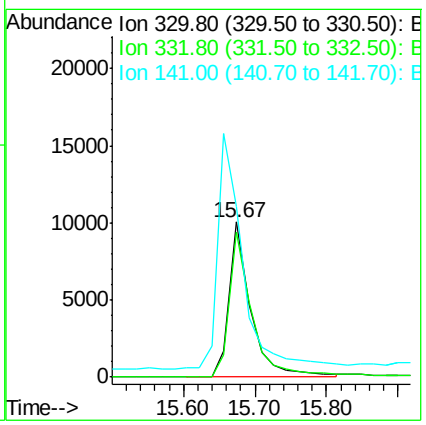


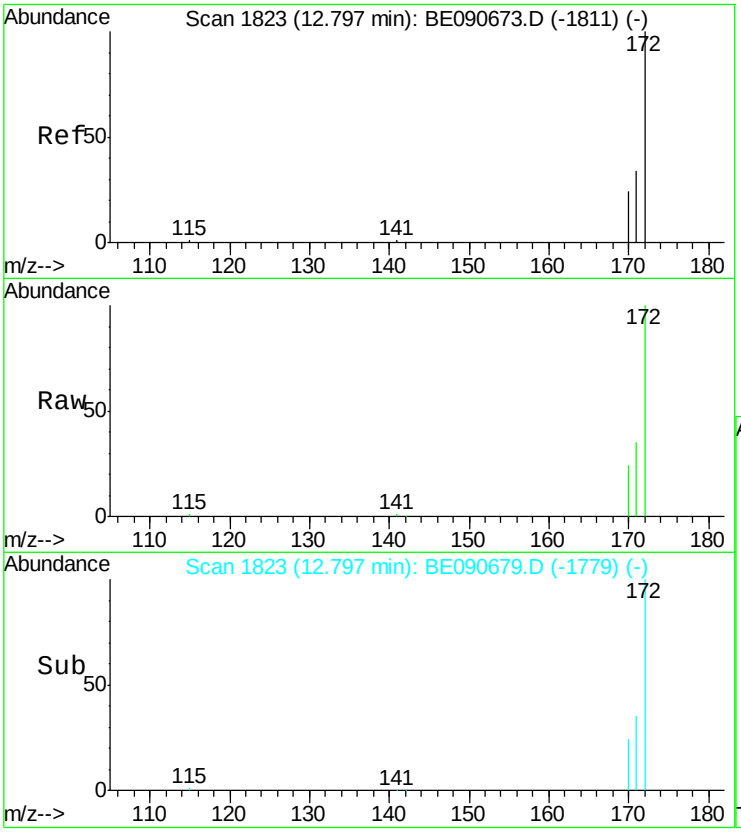


#13
2,4,6-Tribromophenol
Concen: 7.67 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion:330 Resp: 20724

Ion	Ratio	Lower	Upper
330	100		
332	96.3	74.9	112.3
141	179.2	145.2	217.8



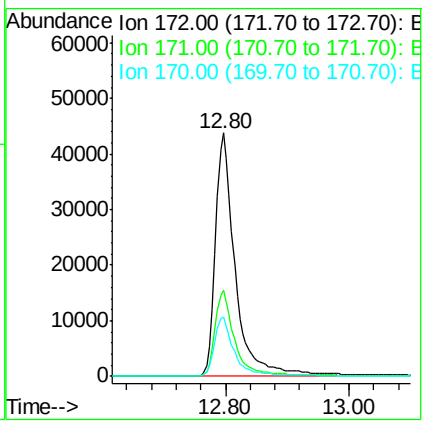


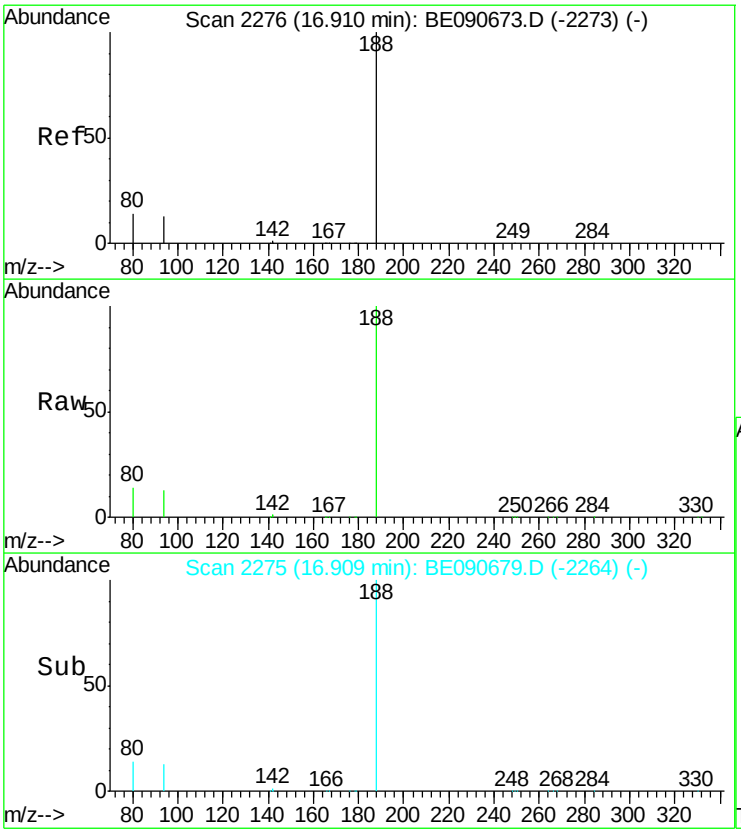
#14
2-Fluorobiphenyl
Concen: 3.83 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:172 Resp: 97634

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	24.2	19.8	29.6

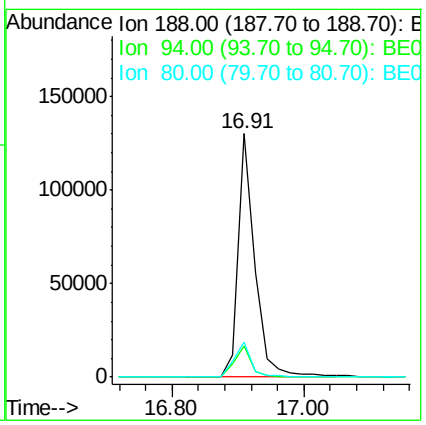


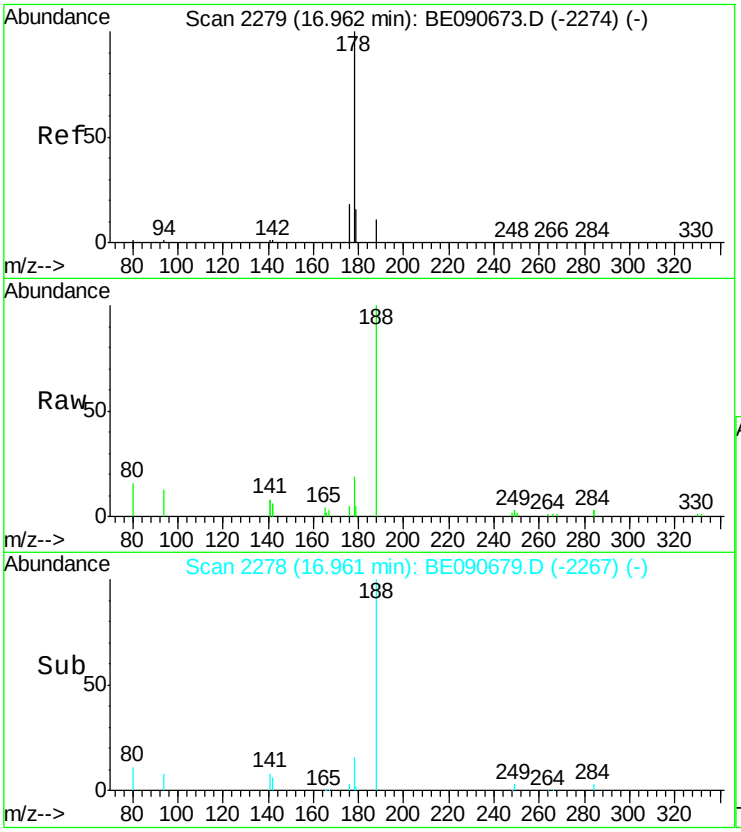


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion:188 Resp: 227742

Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.3	15.5
80	14.2	11.0	16.6



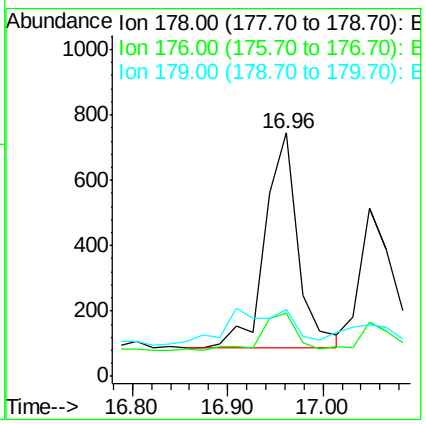


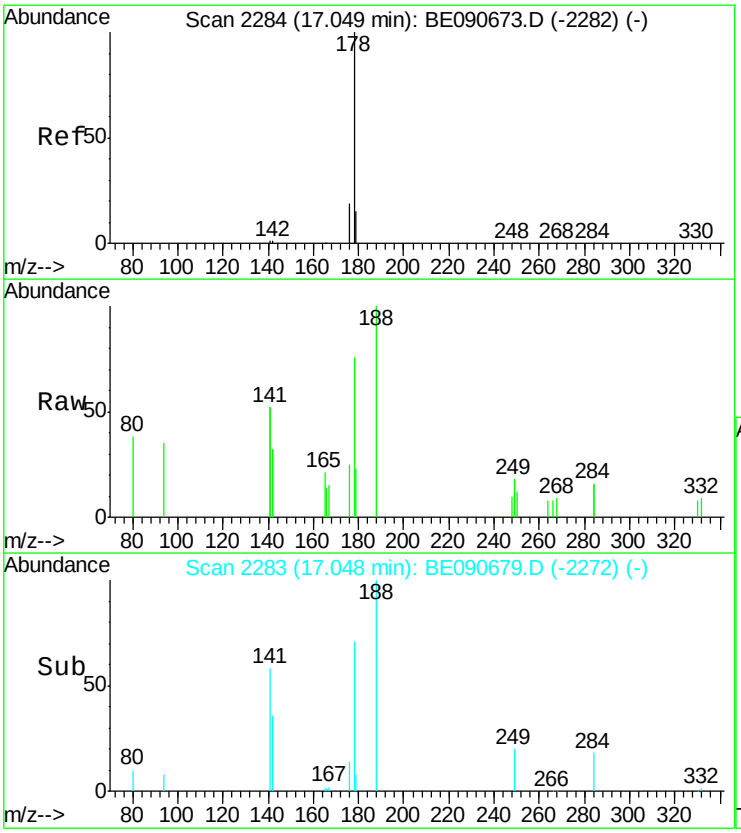
#22
Phenanthrene
Concen: 0.03 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:178 Resp: 1570

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	0.0	12.8	19.2#

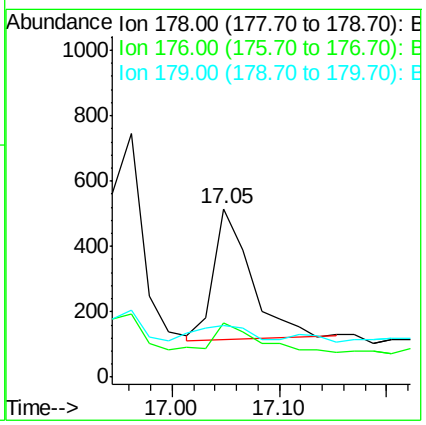


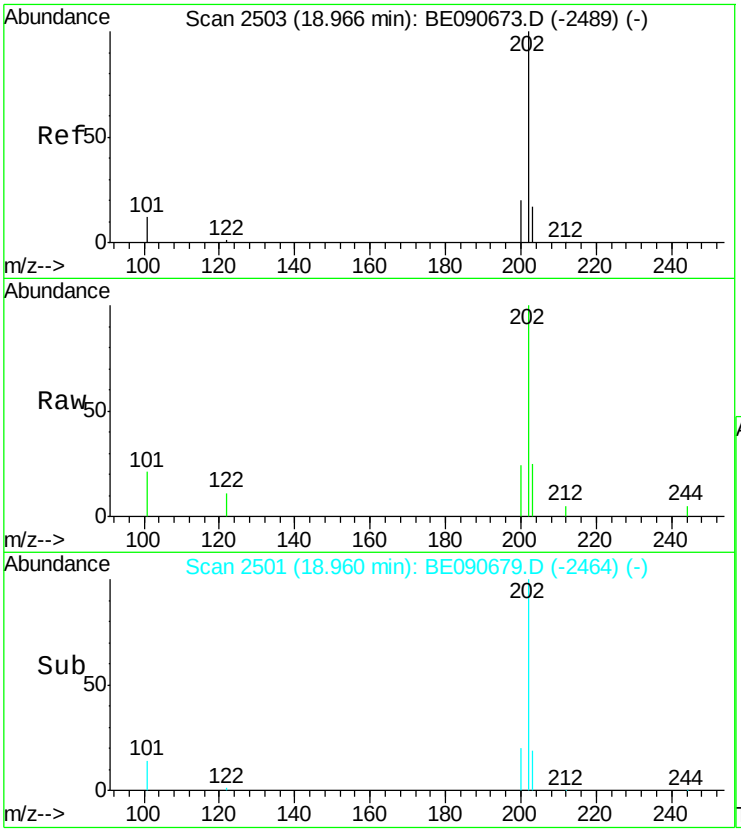


#23
Anthracene
Concen: 0.02 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion:178 Resp: 956

Ion	Ratio	Lower	Upper
178	100		
176	28.6	15.0	22.6#
179	18.3	12.3	18.5



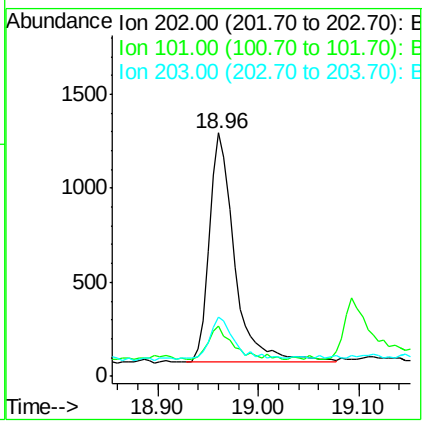


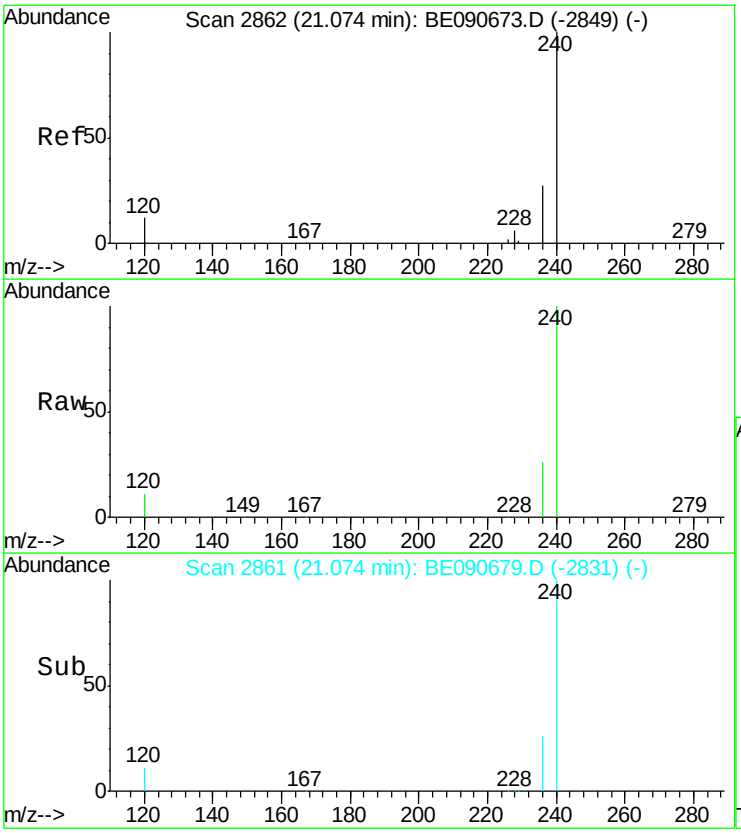
#24
Fluoranthene
Concen: 0.04 ng
RT: 18.96 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:202 Resp: 2096

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.6
203	18.2	13.9	20.9

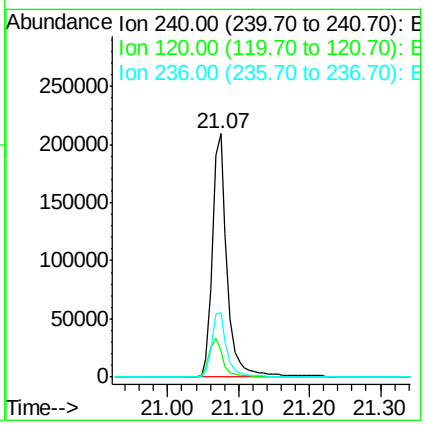


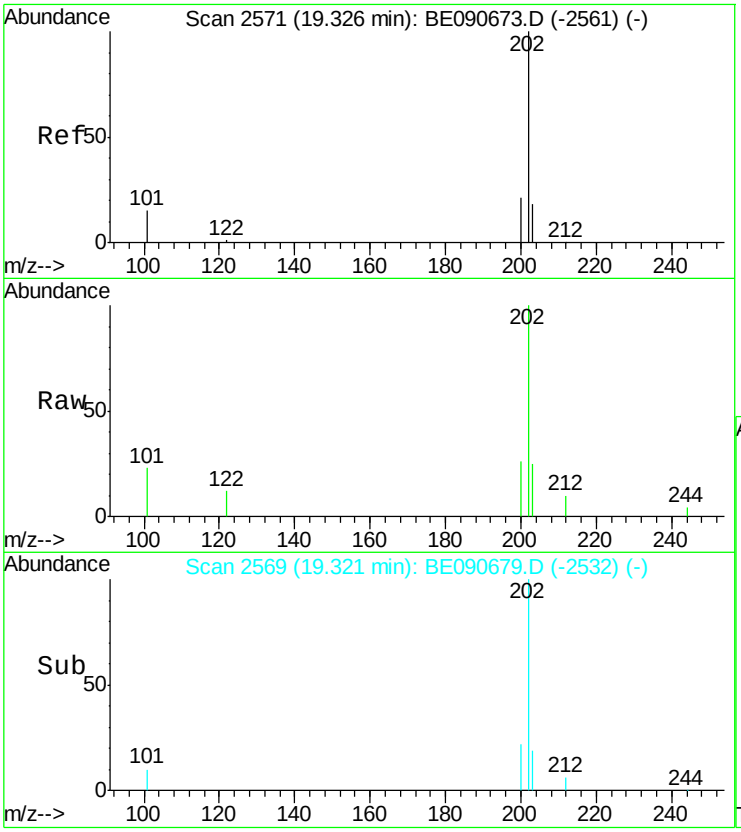


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion:240 Resp: 303298

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.1	15.1
236	26.2	21.9	32.9



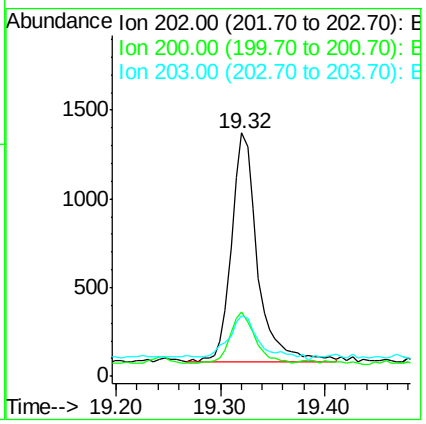


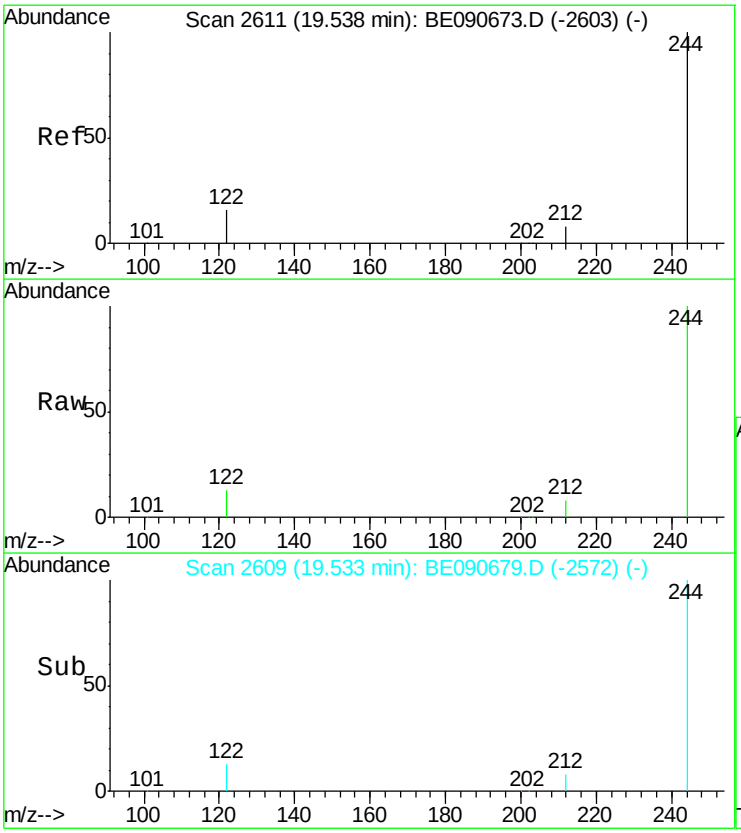
#26
Pyrene
Concen: 0.04 ng
RT: 19.32 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:202 Resp: 2251

Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.7	25.1
203	23.9	13.8	20.6#

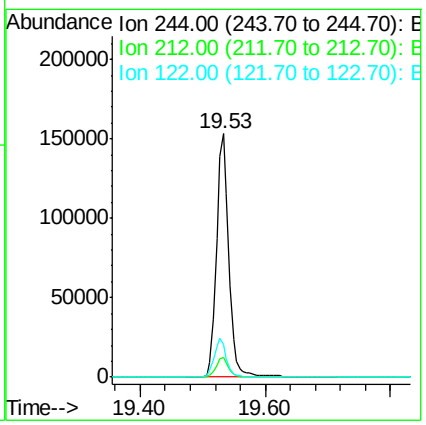


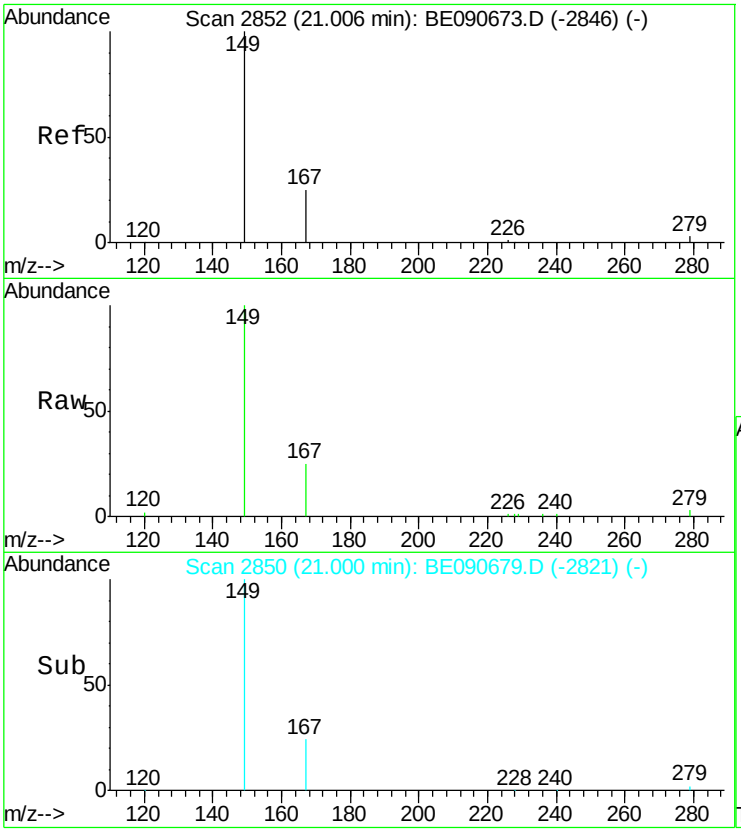


#27
Terphenyl-d14
Concen: 6.27 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion:244 Resp: 210450

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	13.4	12.9	19.3



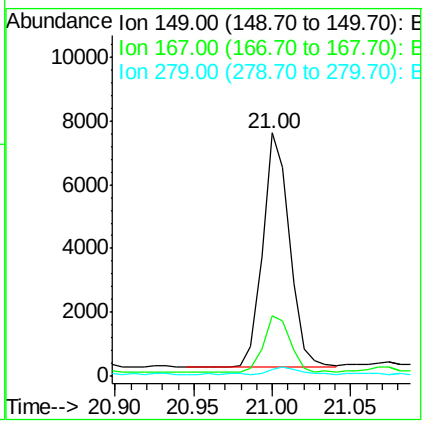


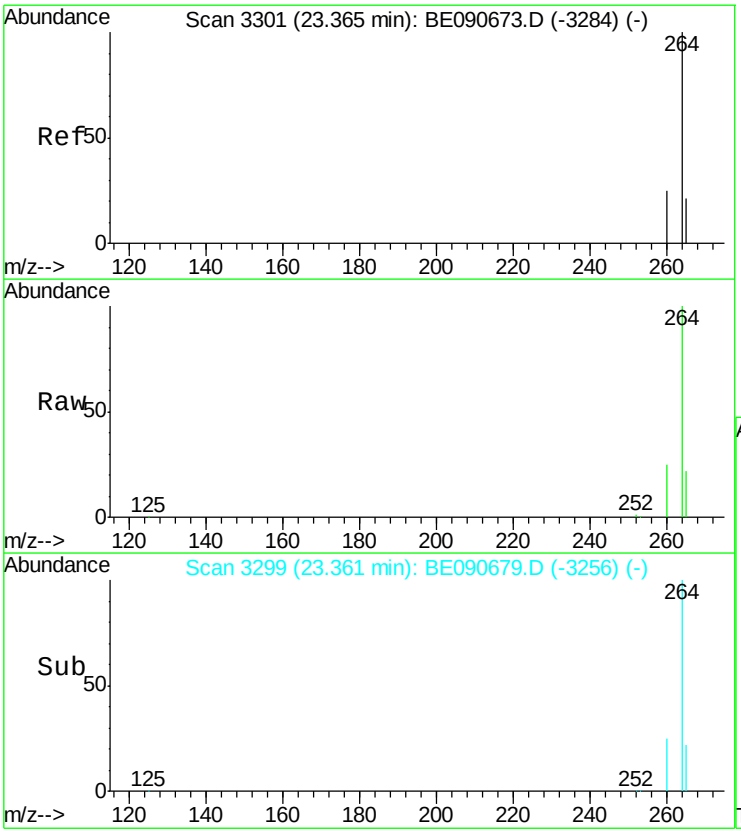
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.55 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion:149 Resp: 8741

Ion	Ratio	Lower	Upper
149	100		
167	24.0	20.1	30.1
279	3.1	2.3	3.5





#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion:264 Resp: 276322

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	22.0	17.5	26.3