Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080816\
Data File : BE092230.D
Acq On : 8 Aug 2016 00:00
Operator : UM/SJ
Sample : H4383-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-3-080416

Quant Time: Aug 09 03:28:50 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-PAH-BE080216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 18:55:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13463	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	61164	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	33478	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	74859	5.00	ng	-0.02
22) Chrysene-d12	21.73	240	94113	5.00	ng	-0.02
28) Perylene-d12	24.14	264	96144	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	11286	3.26	ng	0.00
5) Phenol-d6	7.35	99	13301	2.89	ng	0.00
7) Nitrobenzene-d5	9.34	82	12713	2.63	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	10165	9.35	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	38238	3.60	ng	0.00
24) Terphenyl-d14	20.19	244	59877	4.43	ng	-0.02
Target Compounds						Qvalue

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

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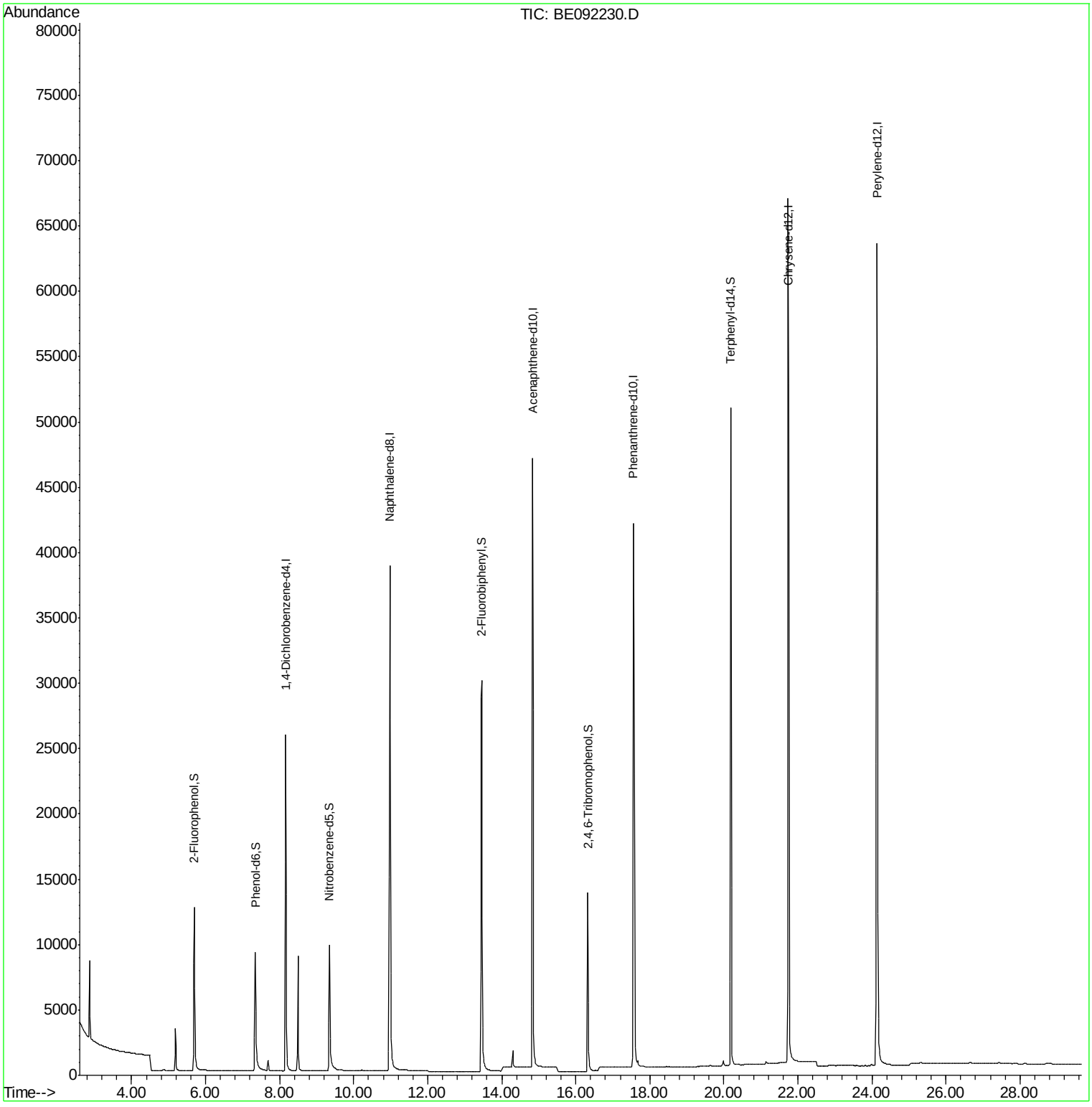
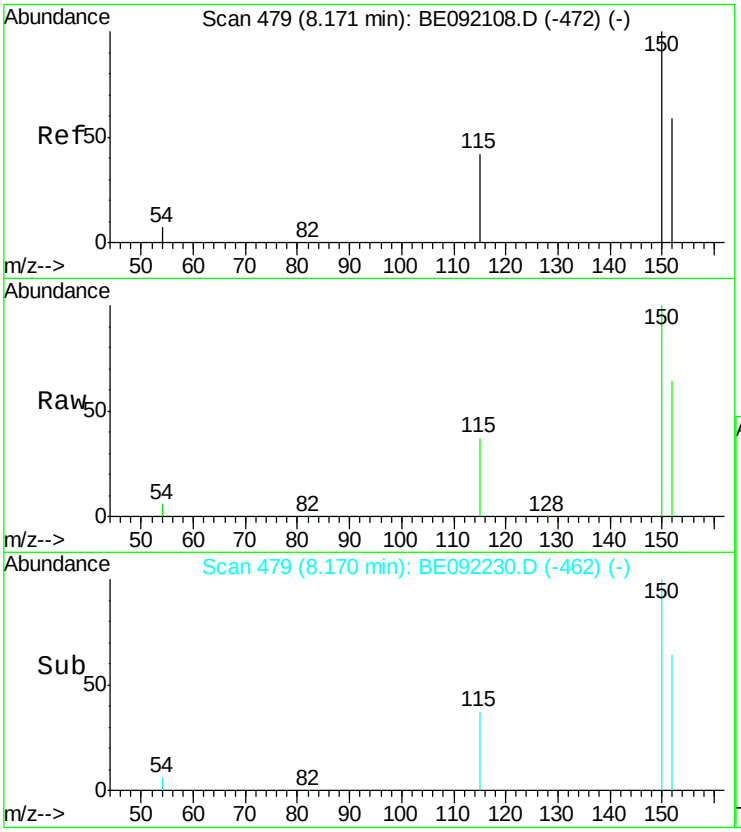


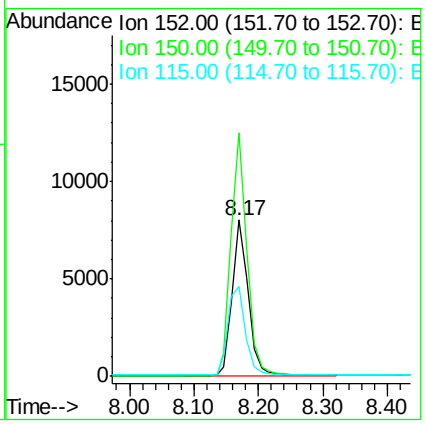


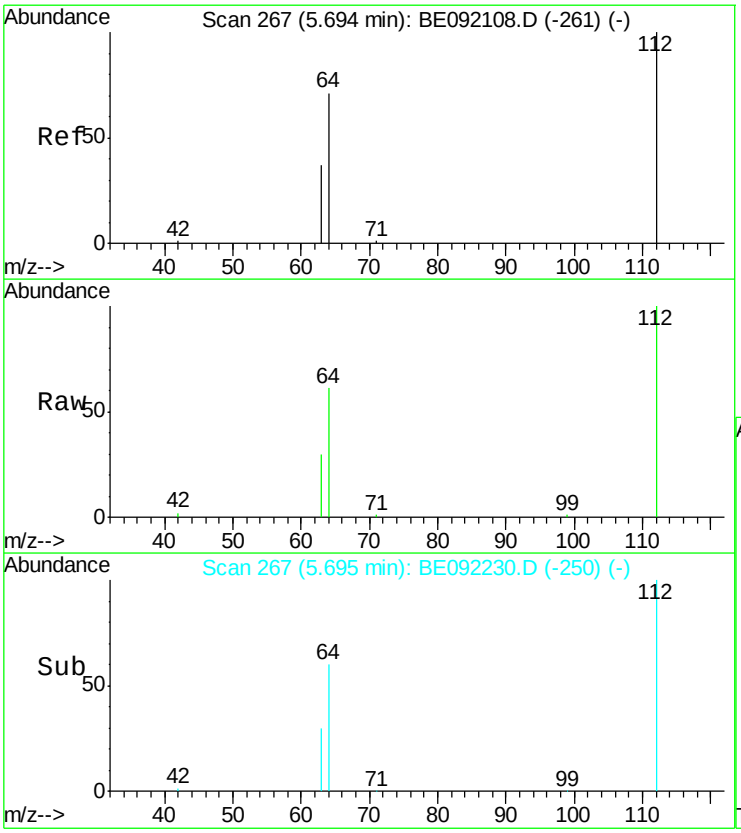
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Instrument :
BNA_E
ClientSampleId :
MW-3-080416

Tgt Ion:152 Resp: 13463

Ion	Ratio	Lower	Upper
152	100		
150	155.5	106.0	159.0
115	57.8	36.9	55.3#

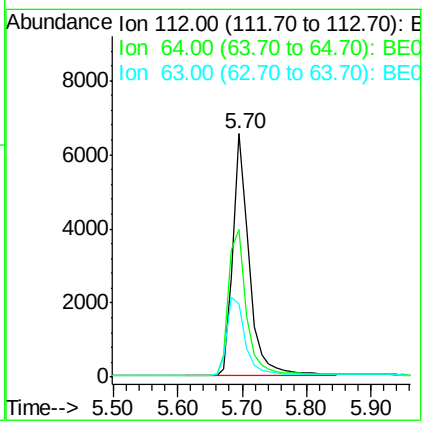


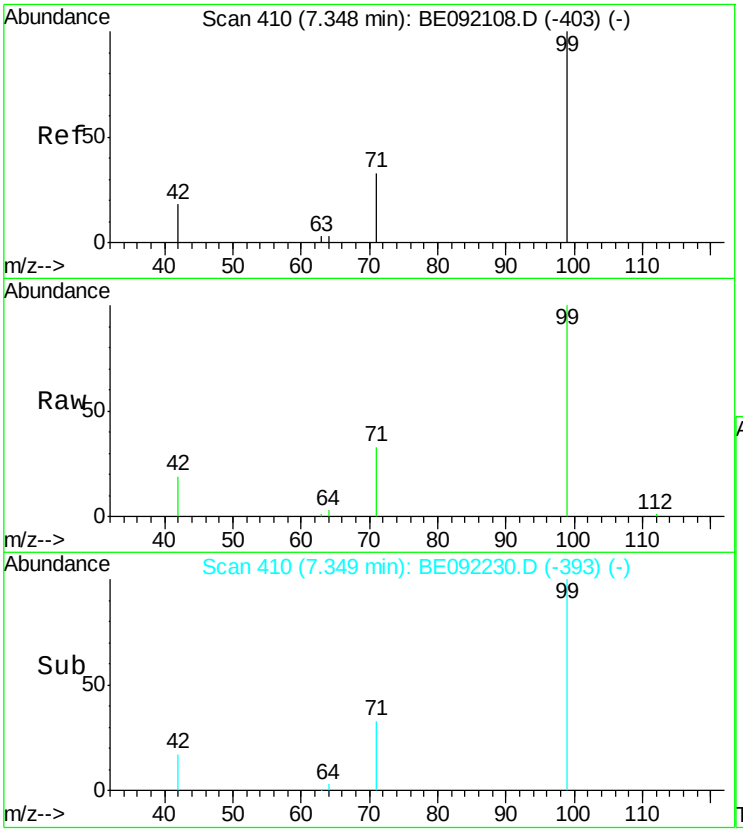


#4
2-Fluorophenol
Concen: 3.26 ng
RT: 5.70 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Tgt Ion:112 Resp: 11286

Ion	Ratio	Lower	Upper
112	100		
64	67.1	55.9	83.9
63	36.5	31.1	46.7



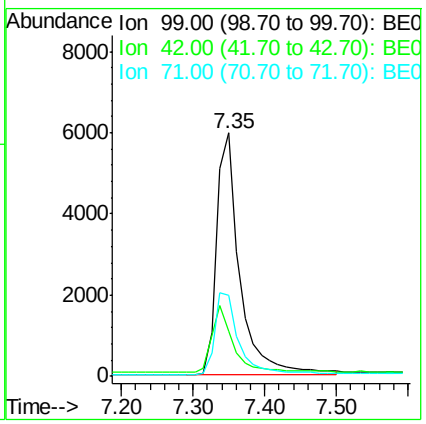


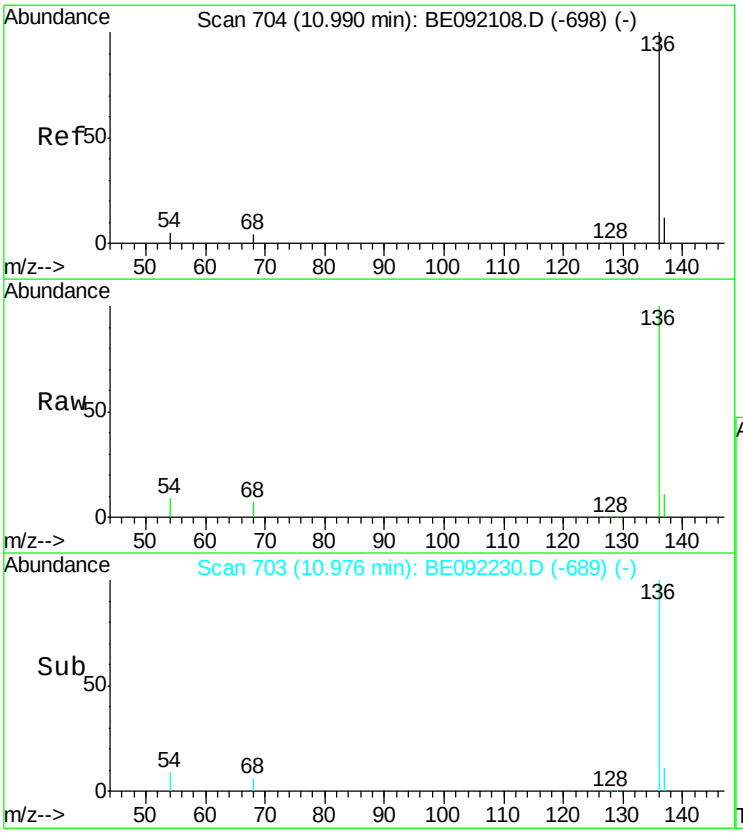
#5
Phenol-d6
Concen: 2.89 ng
RT: 7.35 min Scan# 410
Delta R.T. 0.00 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Instrument :
BNA_E
ClientSampleId :
MW-3-080416

Tgt Ion: 99 Resp: 13301

Ion	Ratio	Lower	Upper
99	100		
42	25.5	22.4	33.6
71	35.4	28.9	43.3

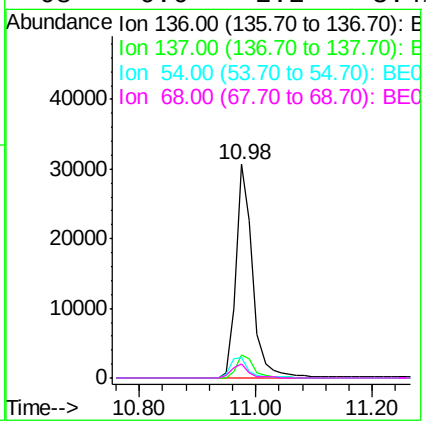


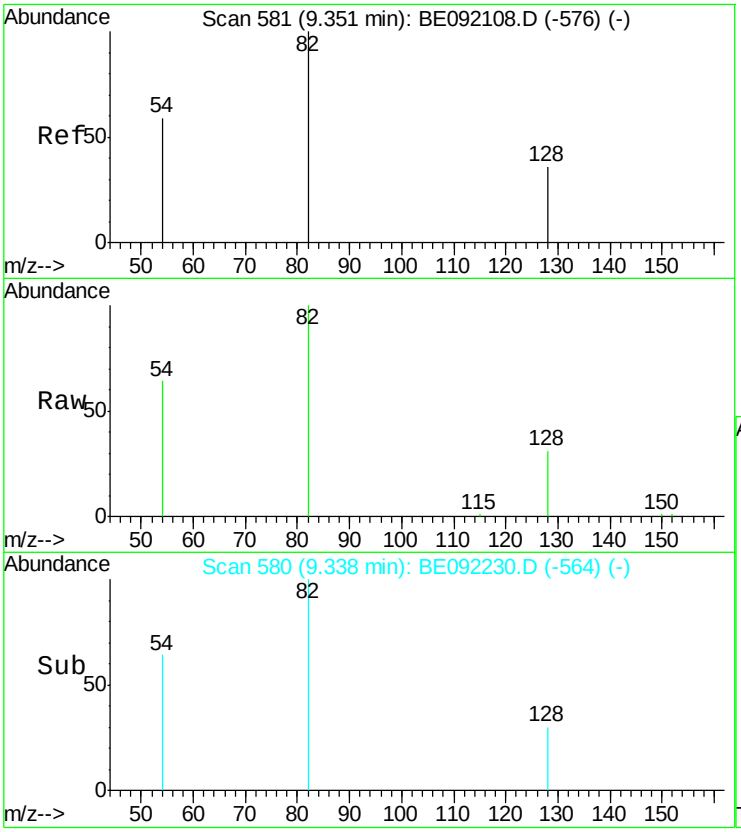


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.98 min Scan# 703
Delta R.T. -0.01 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Tgt Ion:136 Resp: 61164

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	9.4	2.7	4.1#
68	6.6	2.2	3.4#



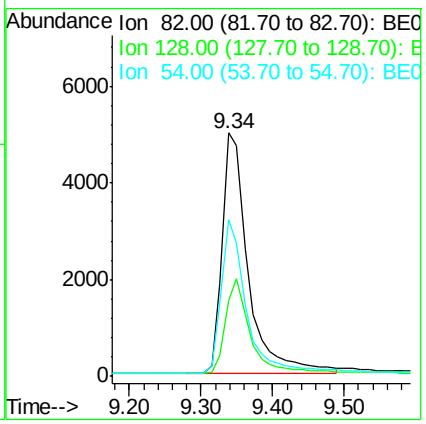


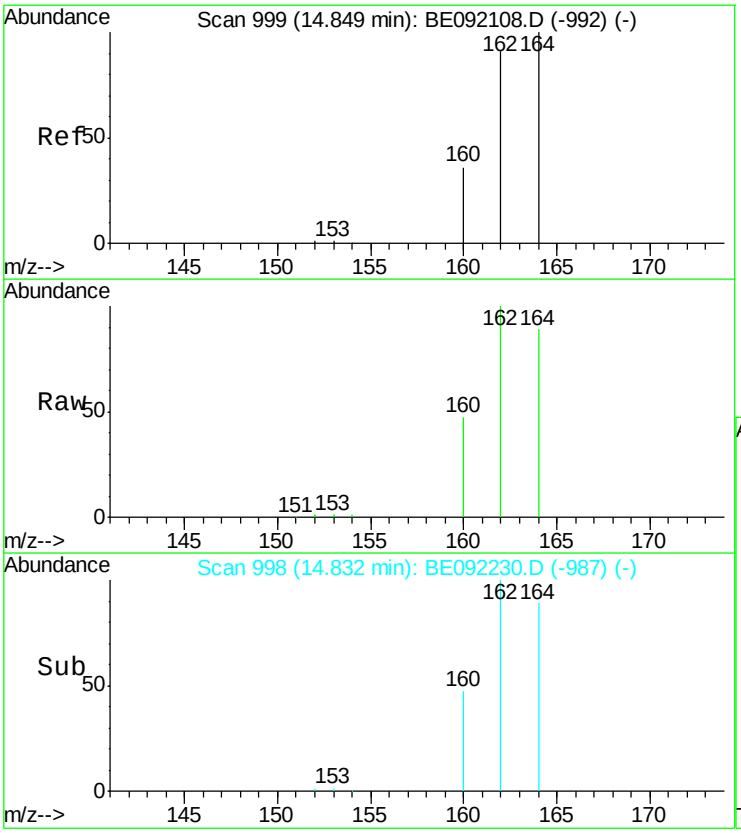
#7
Nitrobenzene-d5
Concen: 2.63 ng
RT: 9.34 min Scan# 580
Delta R.T. -0.01 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Instrument :
BNA_E
ClientSampleId :
MW-3-080416

Tgt Ion: 82 Resp: 12713

Ion	Ratio	Lower	Upper
82	100		
128	31.1	33.0	49.4#
54	64.4	42.6	63.8#

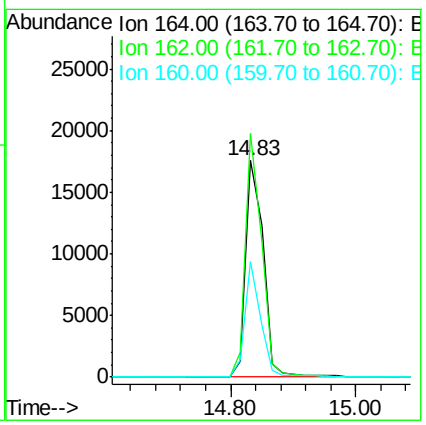


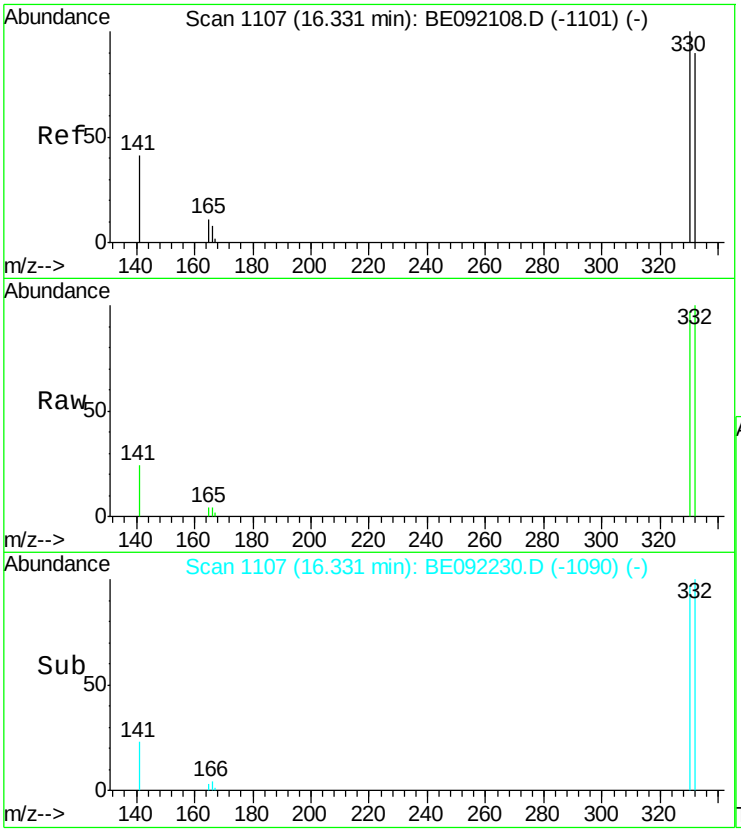


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 998
Delta R.T. -0.02 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Tgt Ion:164 Resp: 33478

Ion	Ratio	Lower	Upper
164	100		
162	112.6	69.5	104.3#
160	53.4	27.6	41.4#



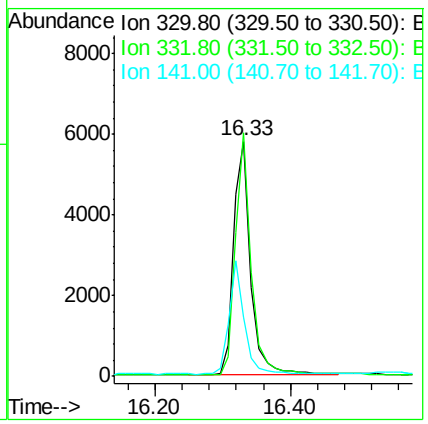


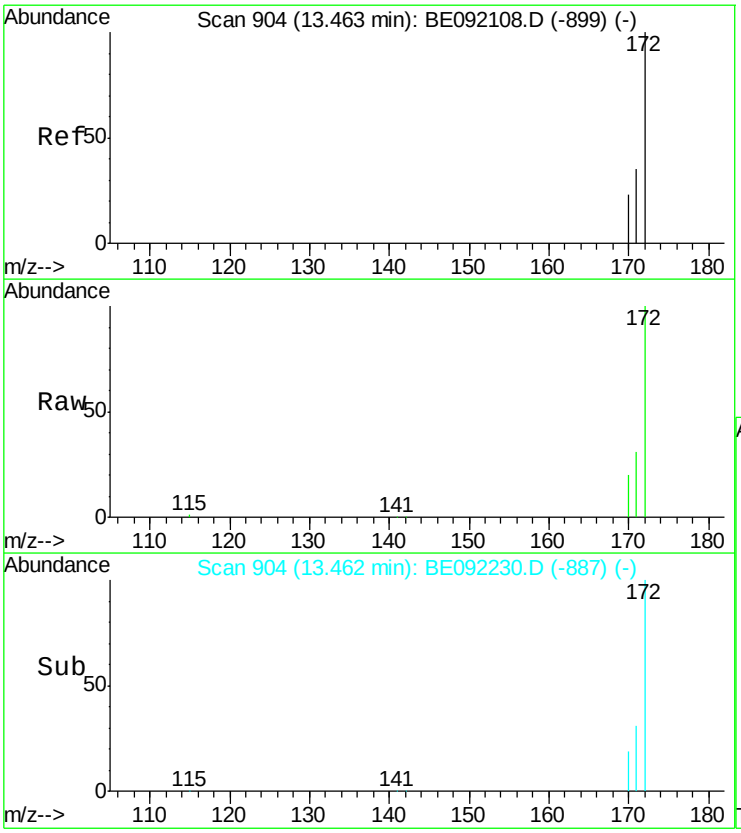
#11
2,4,6-Tribromophenol
Concen: 9.35 ng
RT: 16.33 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Instrument :
BNA_E
ClientSampleId :
MW-3-080416

Tgt Ion:330 Resp: 10165

Ion	Ratio	Lower	Upper
330	100		
332	96.5	74.2	111.4
141	44.4	139.8	209.8#

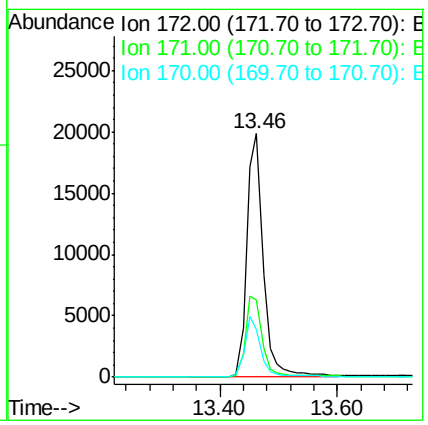


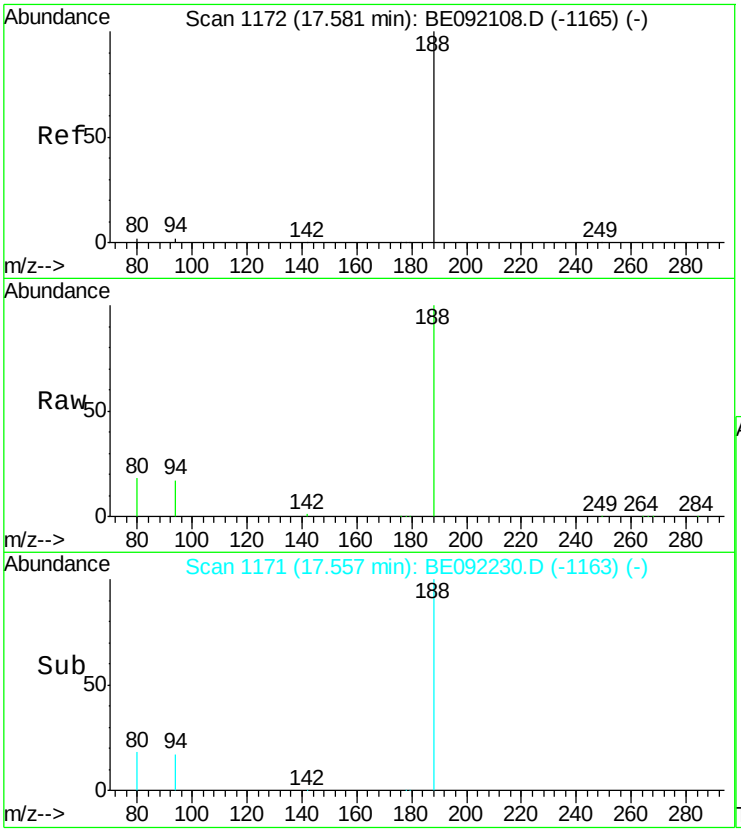


#12
2-Fluorobiphenyl
Concen: 3.60 ng
RT: 13.46 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Tgt Ion:172 Resp: 38238

Ion	Ratio	Lower	Upper
172	100		
171	31.5	30.3	45.5
170	19.7	21.6	32.4#



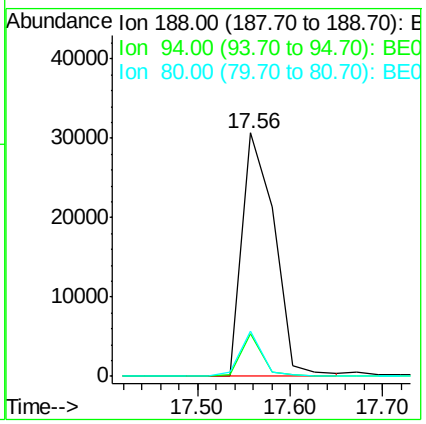


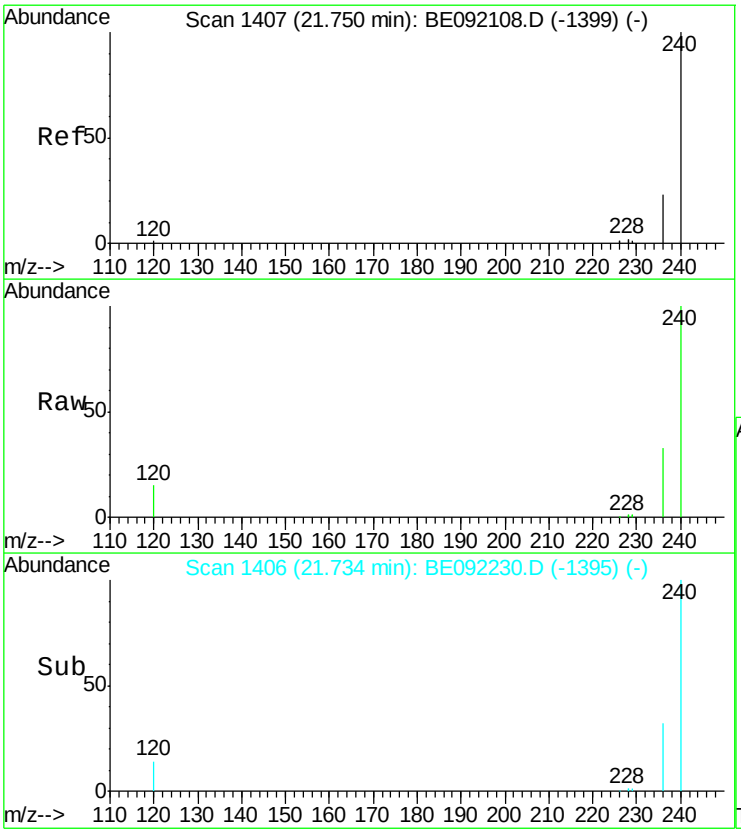
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Instrument :
BNA_E
ClientSampleId :
MW-3-080416

Tgt Ion:188 Resp: 74859

Ion	Ratio	Lower	Upper
188	100		
94	17.4	3.9	5.9#
80	18.3	3.4	5.0#

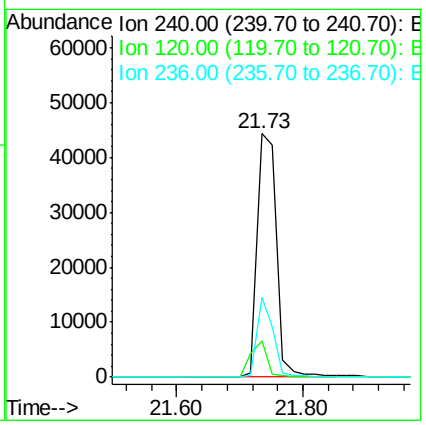


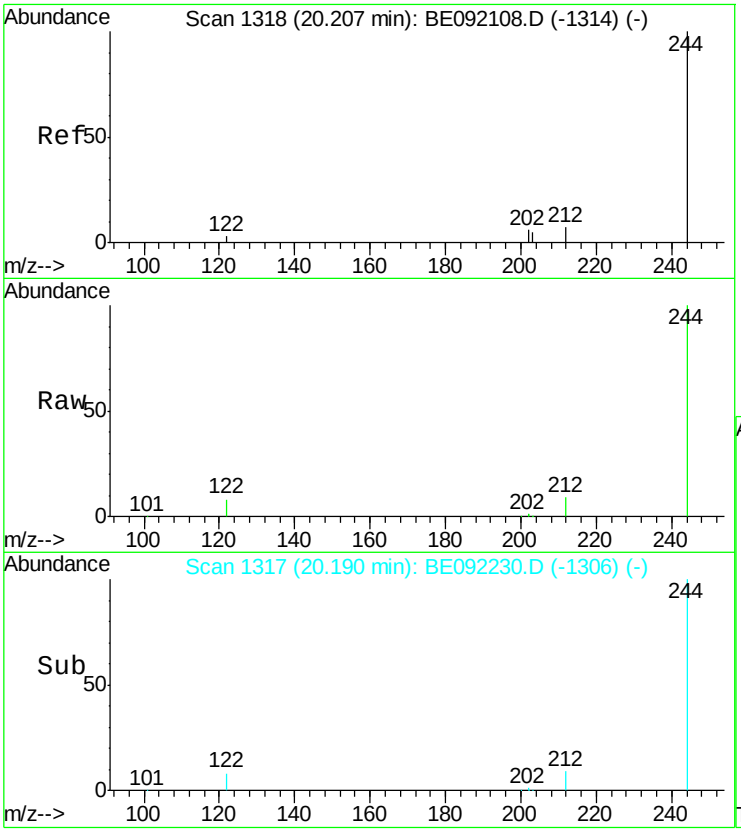


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Tgt Ion:240 Resp: 94113

Ion	Ratio	Lower	Upper
240	100		
120	14.6	0.6	1.0#
236	32.6	18.2	27.4#



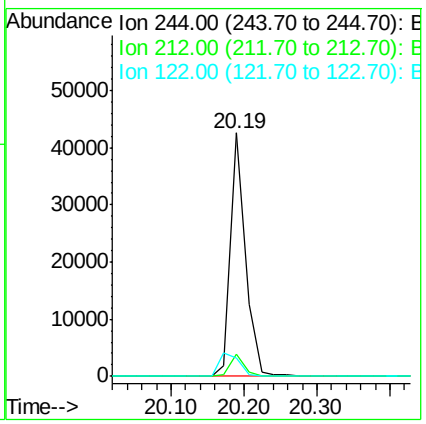


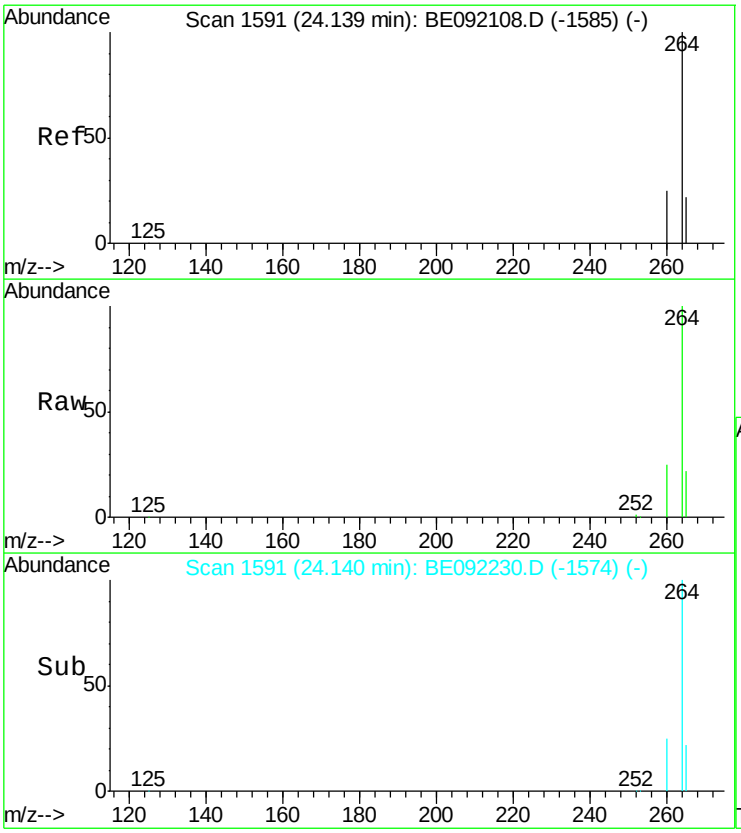
#24
Terphenyl-d14
Concen: 4.43 ng
RT: 20.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Instrument :
BNA_E
ClientSampleId :
MW-3-080416

Tgt Ion:244 Resp: 59877

Ion	Ratio	Lower	Upper
244	100		
212	9.0	9.1	13.7#
122	7.7	11.0	16.4#





#28
Perylene-d12
Concen: 5.00 ng
RT: 24.14 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BE092230.D
Acq: 8 Aug 2016 00:00

Tgt Ion:264 Resp: 96144

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.8	31.2
265	22.5	16.6	25.0