Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042916\
Data File : BE091733.D
Acq On : 29 Apr 2016 14:48
Operator : UM/SJ
Sample : PB90187BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90187BL

Quant Time: Apr 29 23:06:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	33979	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	147764	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	80579	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	227689	5.00	ng	0.00
26) Chrysene-d12	21.31	240	221758	5.00	ng	0.00
35) Perylene-d12	23.75	264	233860	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	56325	6.75	ng	0.00
5) Phenol-d6	6.95	99	74017	6.69	ng	0.00
8) Nitrobenzene-d5	8.95	82	30644	3.21	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	18109	6.08	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	88615	3.89	ng	0.00
29) Terphenyl-d14	19.76	244	151449	4.38	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.83	266	37	0.10	ng	# 72
27) Benzidine	19.42	184	82	0.17	ng	# 1
30) Benzo(a)anthracene	21.29	228	1168	0.02	ng	# 85
32) Chrysene	21.29	228	1156	0.02	ng	# 81

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042916\
Data File : BE091733.D
Acq On : 29 Apr 2016 14:48
Operator : UM/SJ
Sample : PB90187BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
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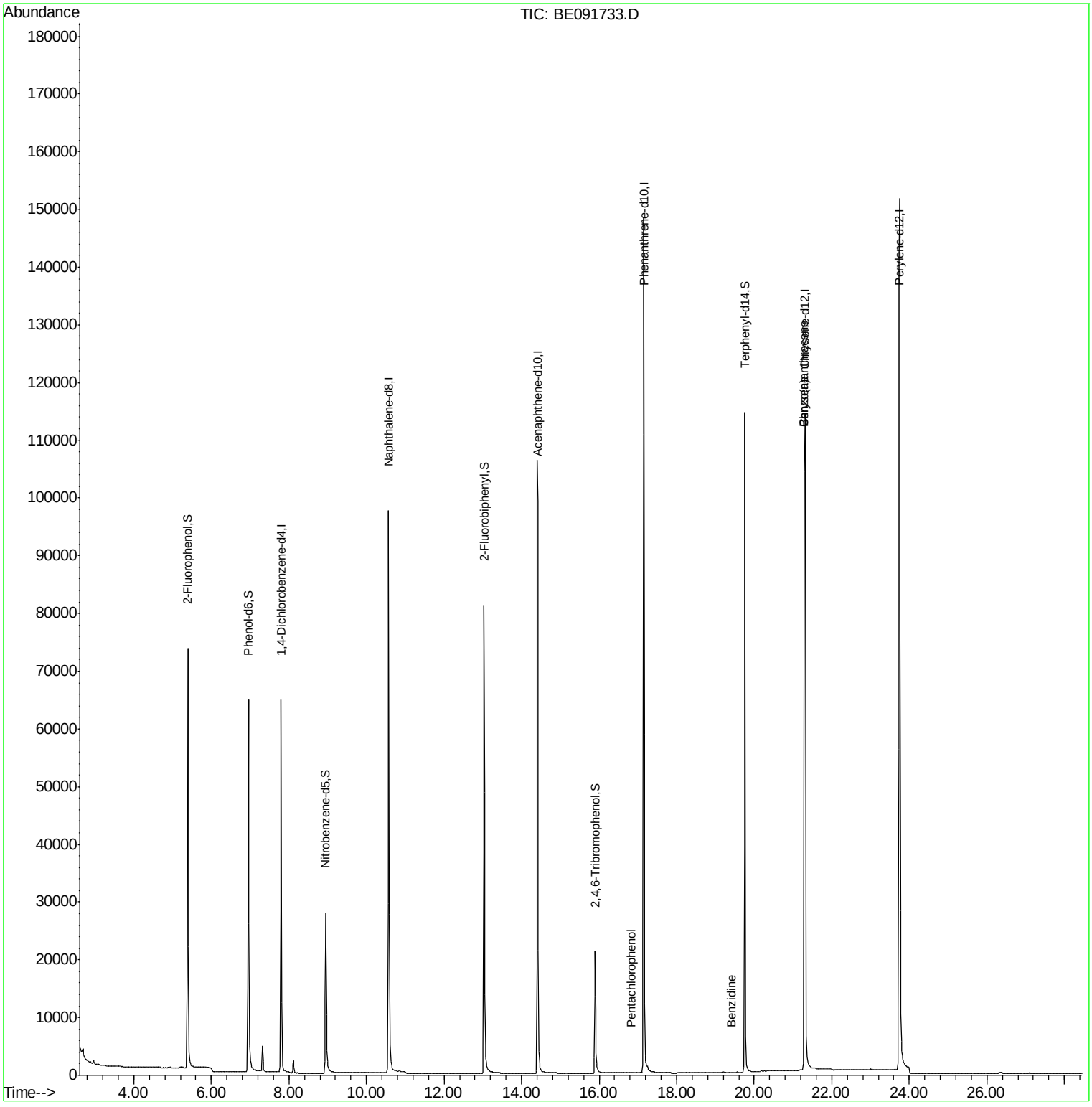
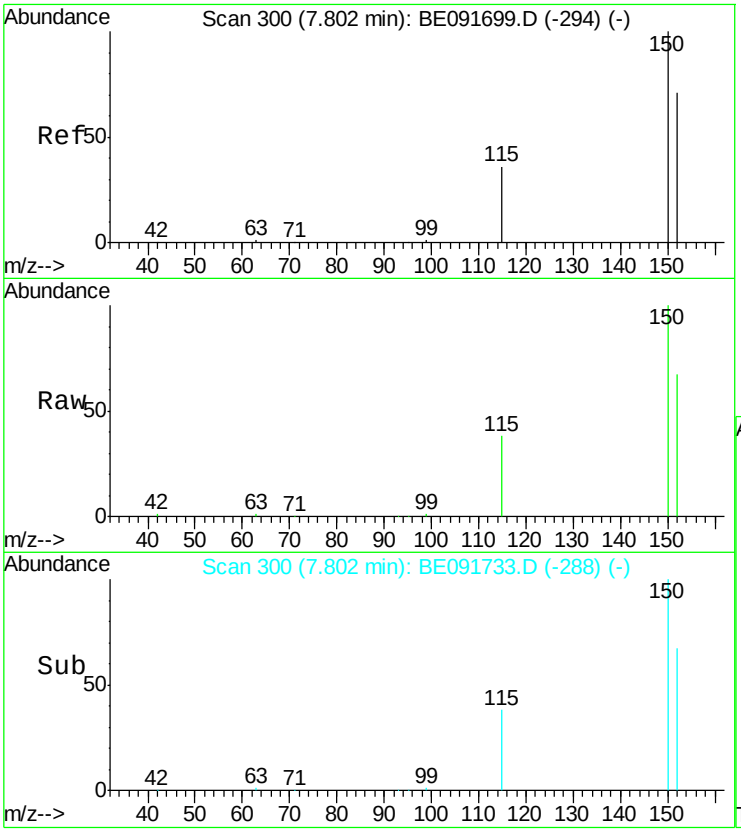
Quant Time: Apr 29 23:06:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration



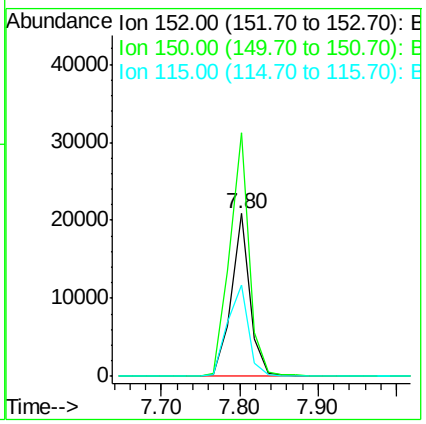


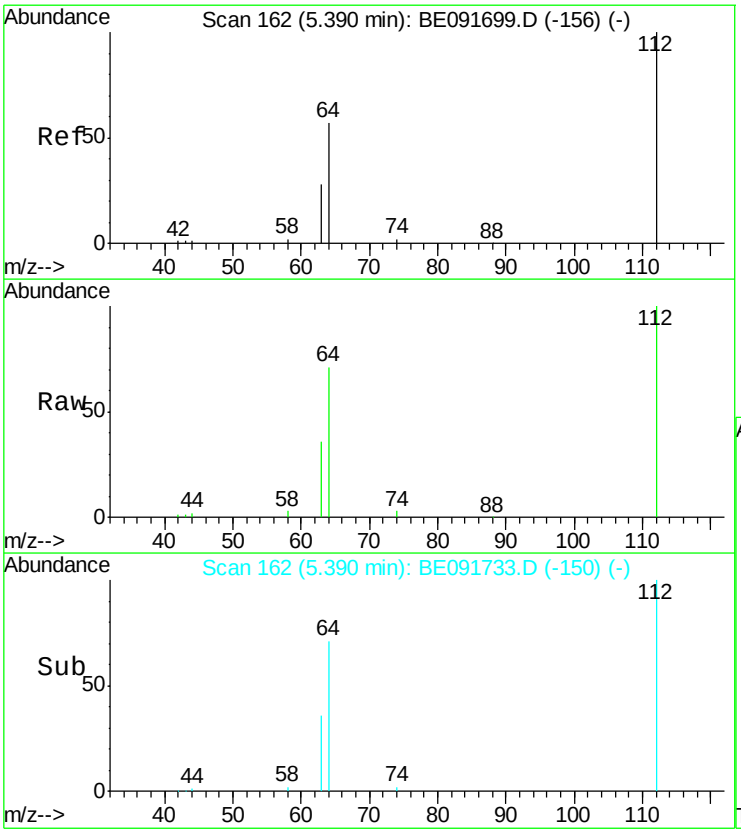
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Instrument :
BNA_E
ClientSampleId :
PB90187BL

Tgt Ion:152 Resp: 33979

Ion	Ratio	Lower	Upper
152	100		
150	149.6	122.6	183.8
115	56.4	52.8	79.2

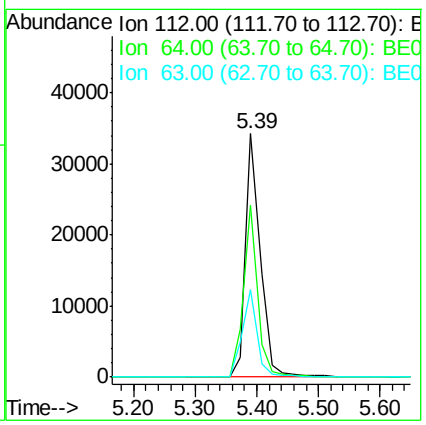


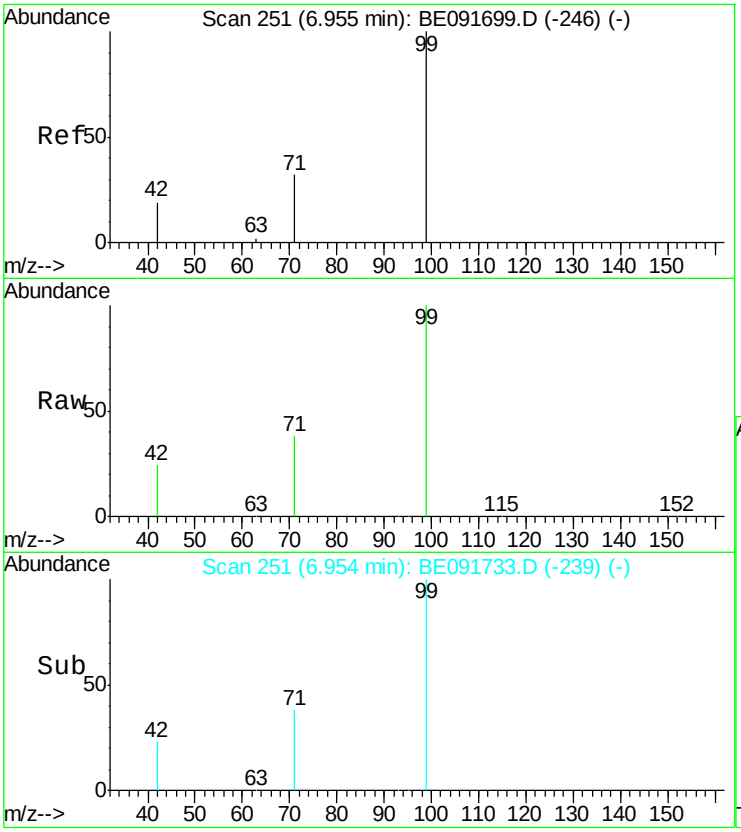


#4
2-Fluorophenol
Concen: 6.75 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Tgt Ion:112 Resp: 56325

Ion	Ratio	Lower	Upper
112	100		
64	67.7	30.9	46.3#
63	36.5	16.7	25.1#



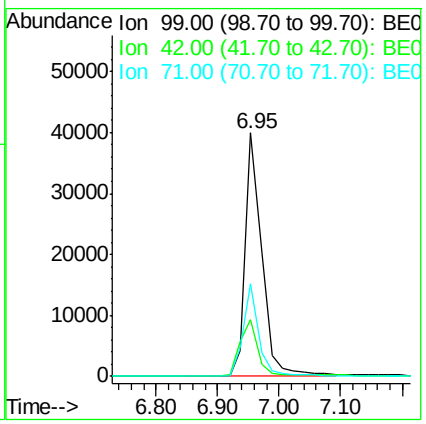


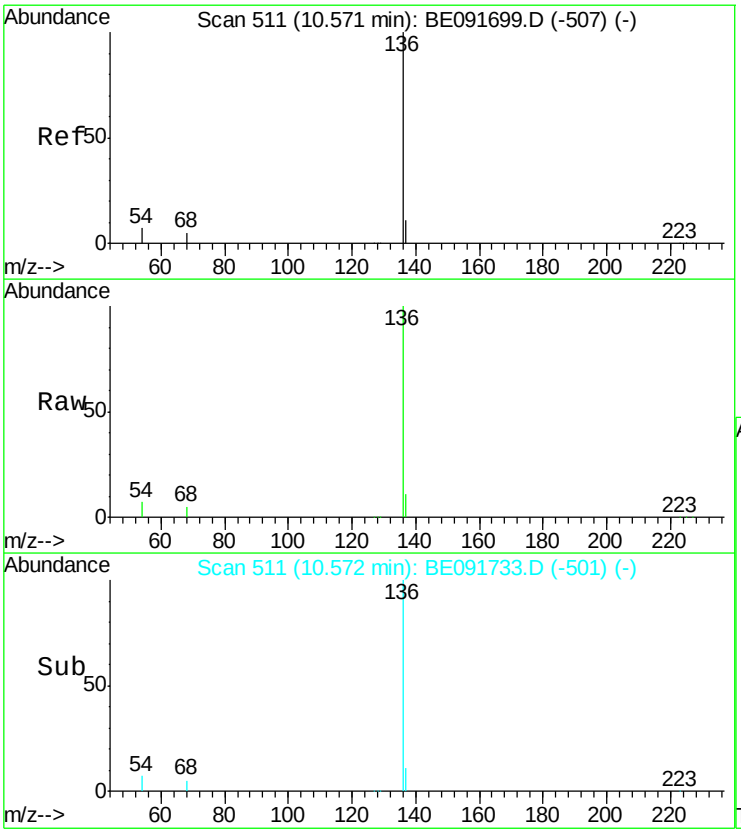
#5
Phenol-d6
Concen: 6.69 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Instrument :
BNA_E
ClientSampleId :
PB90187BL

Tgt Ion: 99 Resp: 74017

Ion	Ratio	Lower	Upper
99	100		
42	25.2	16.2	24.2#
71	35.8	29.0	43.4

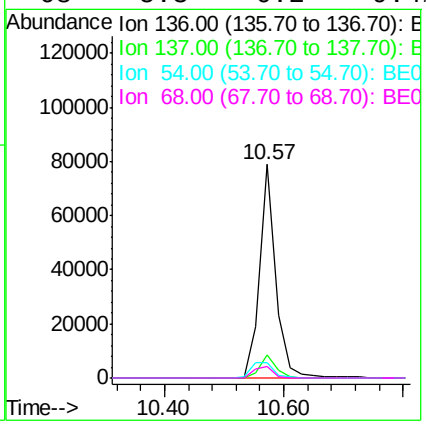


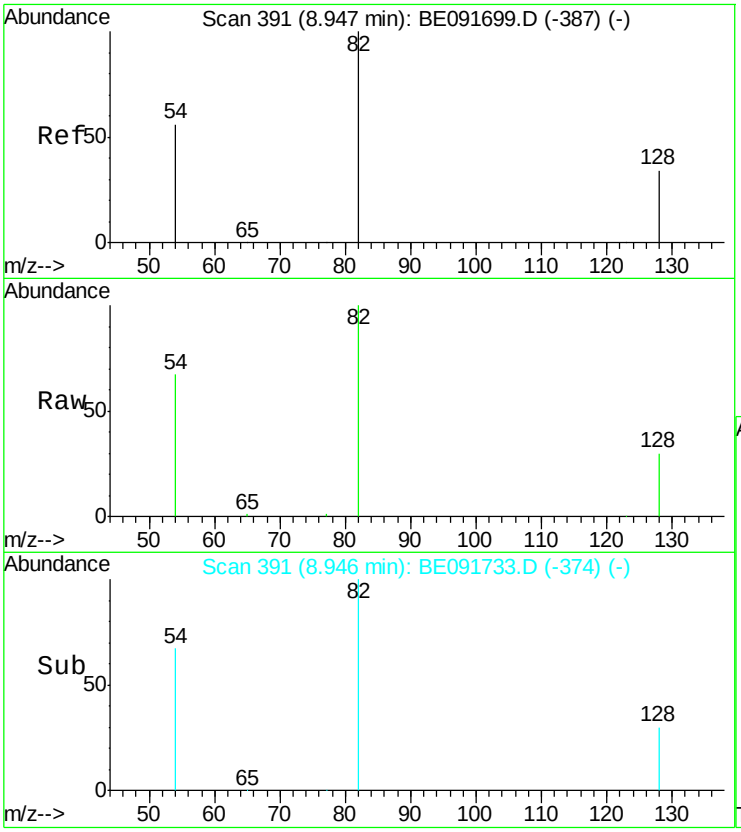


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Tgt Ion:136 Resp: 147764

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	8.2	12.4#
68	5.3	6.2	9.4#



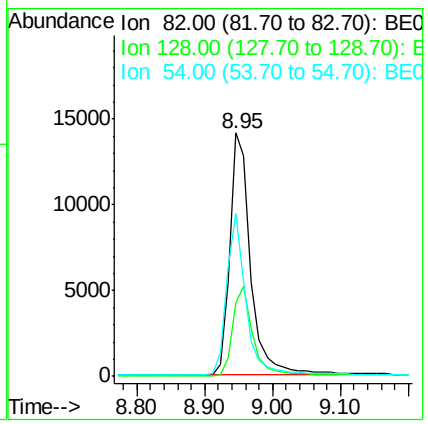


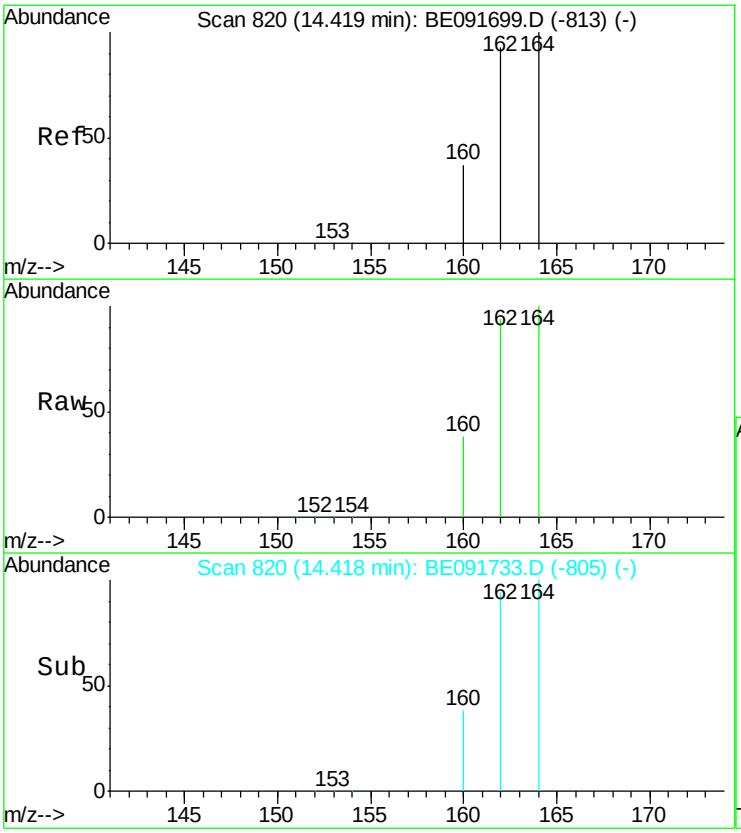
#8
Nitrobenzene-d5
Concen: 3.21 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Instrument :
BNA_E
ClientSampleId :
PB90187BL

Tgt Ion: 82 Resp: 30644

Ion	Ratio	Lower	Upper
82	100		
128	29.9	25.4	38.0
54	66.8	48.4	72.6

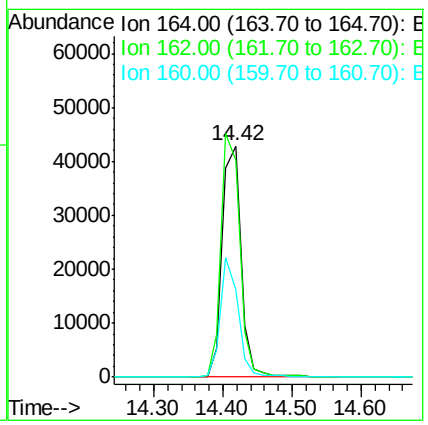


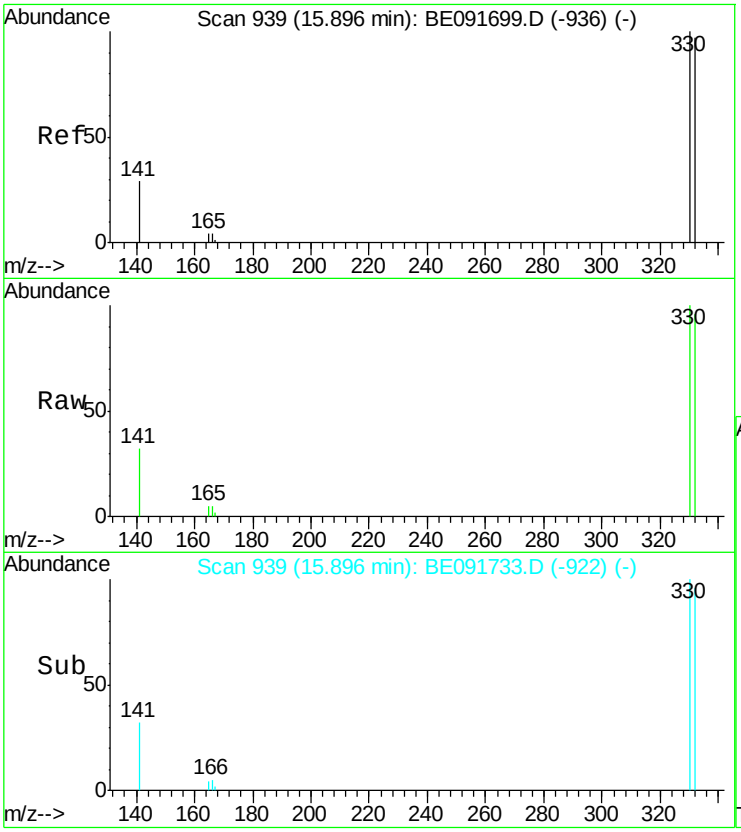


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Tgt Ion:164 Resp: 80579

Ion	Ratio	Lower	Upper
164	100		
162	93.6	85.3	127.9
160	37.8	46.2	69.2#



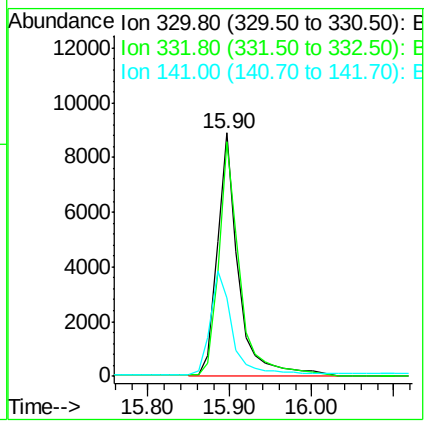


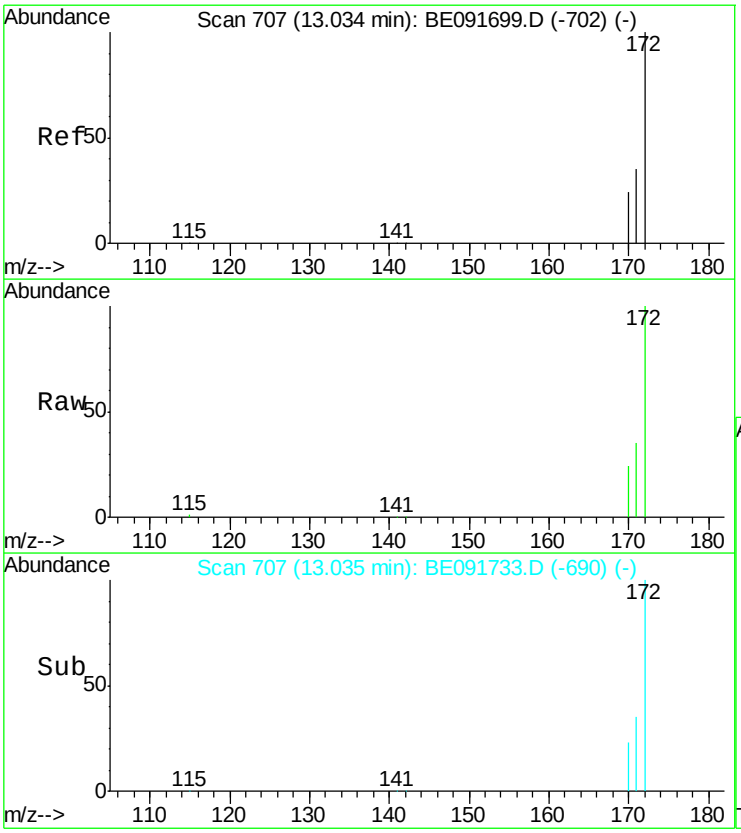
#14
2,4,6-Tribromophenol
Concen: 6.08 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Instrument :
BNA_E
ClientSampleId :
PB90187BL

Tgt Ion:330 Resp: 18109

Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	43.7	125.4	188.0#

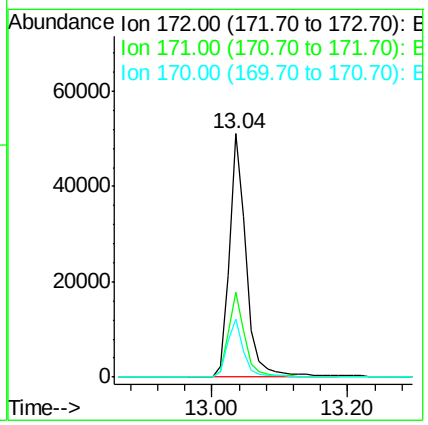


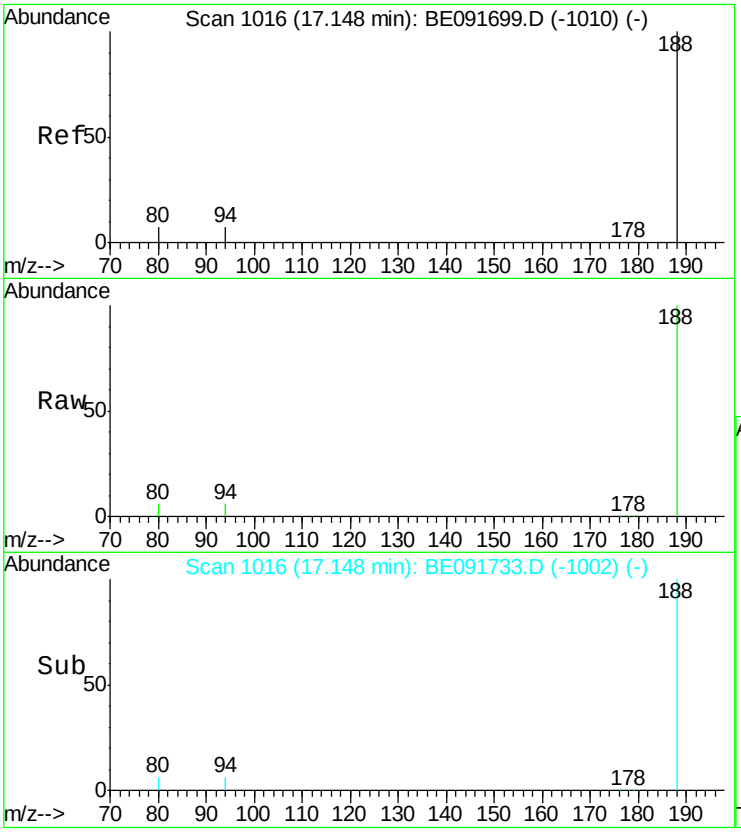


#15
2-Fluorobiphenyl
Concen: 3.89 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Tgt Ion:172 Resp: 88615

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.6	19.3	28.9



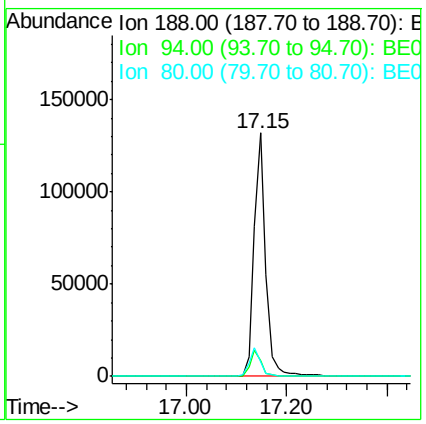


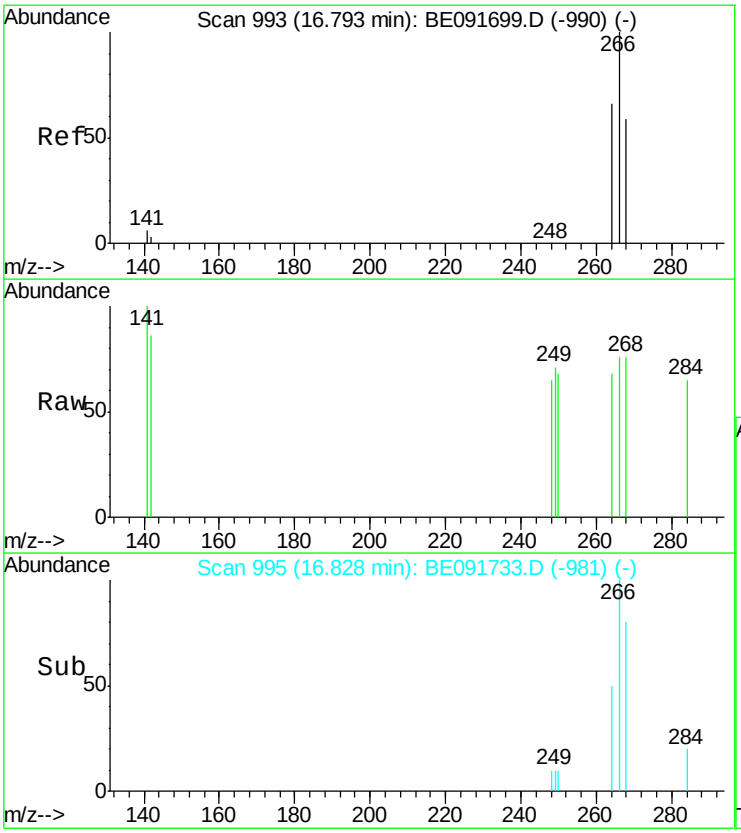
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Instrument :
BNA_E
ClientSampleId :
PB90187BL

Tgt Ion:188 Resp: 227689

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.7	13.1#
80	5.9	9.4	14.0#

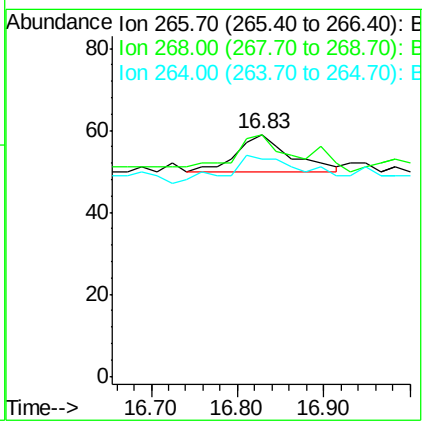


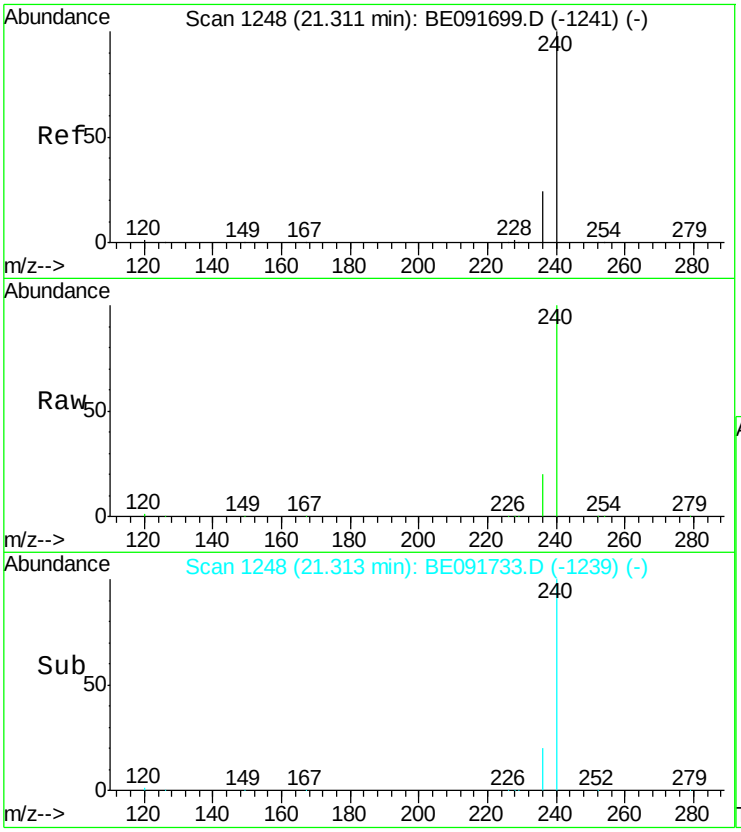


#22
Pentachlorophenol
Concen: 0.10 ng
RT: 16.83 min Scan# 995
Delta R.T. 0.03 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
268	100.0	58.2	87.2#
264	89.8	56.2	84.4#



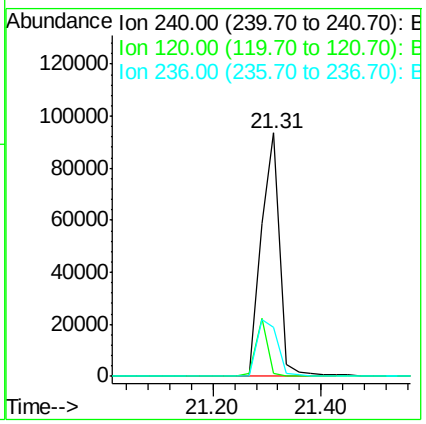


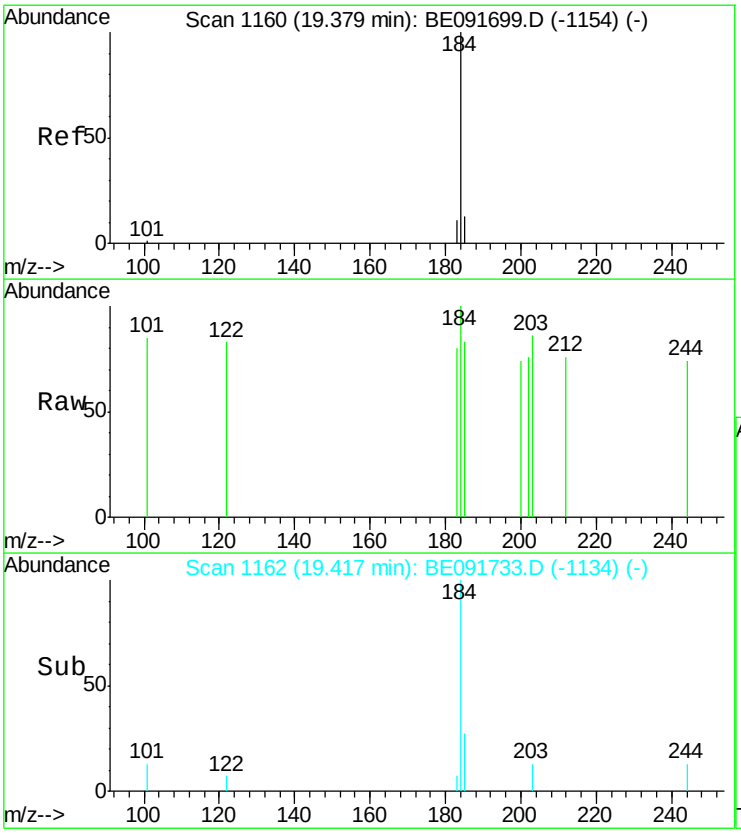
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Instrument :
BNA_E
ClientSampleId :
PB90187BL

Tgt Ion:240 Resp: 221758

Ion	Ratio	Lower	Upper
240	100		
120	1.2	11.0	16.4#
236	20.3	21.7	32.5#

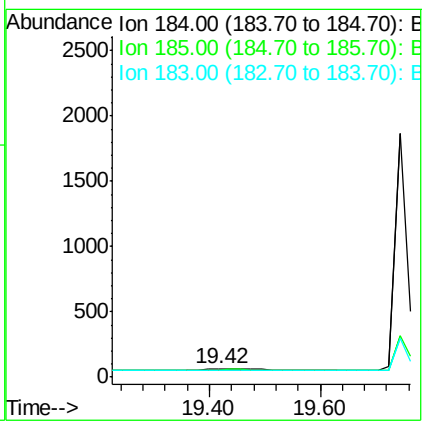


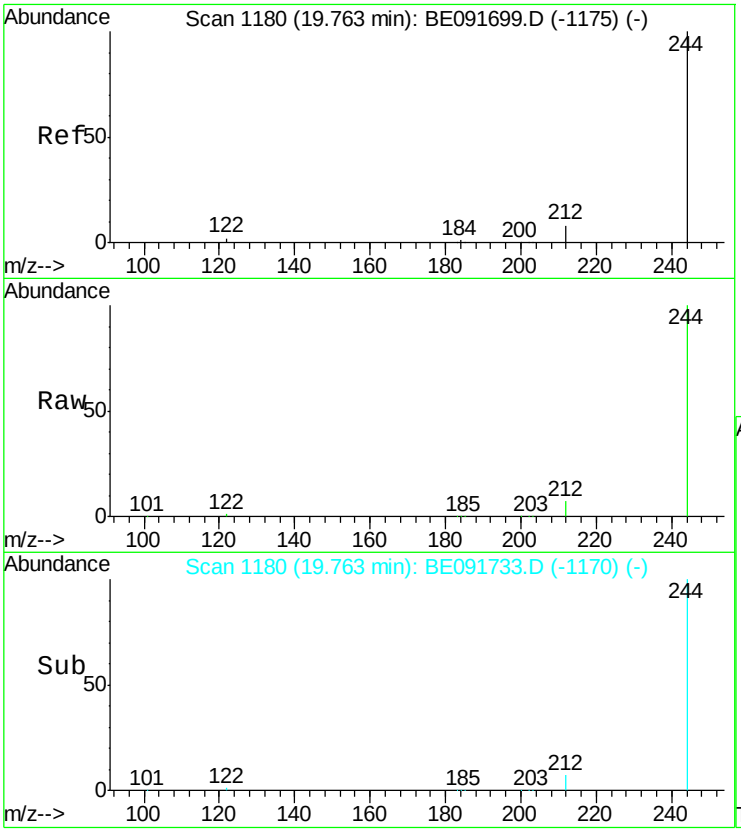


#27
Benzidine
Concen: 0.17 ng
RT: 19.42 min Scan# 1162
Delta R.T. 0.04 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Tgt Ion:184 Resp: 82

Ion	Ratio	Lower	Upper
184	100		
185	83.3	22.3	33.5#
183	80.3	16.4	24.6#



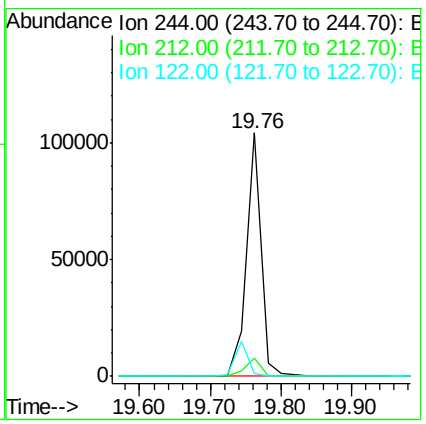


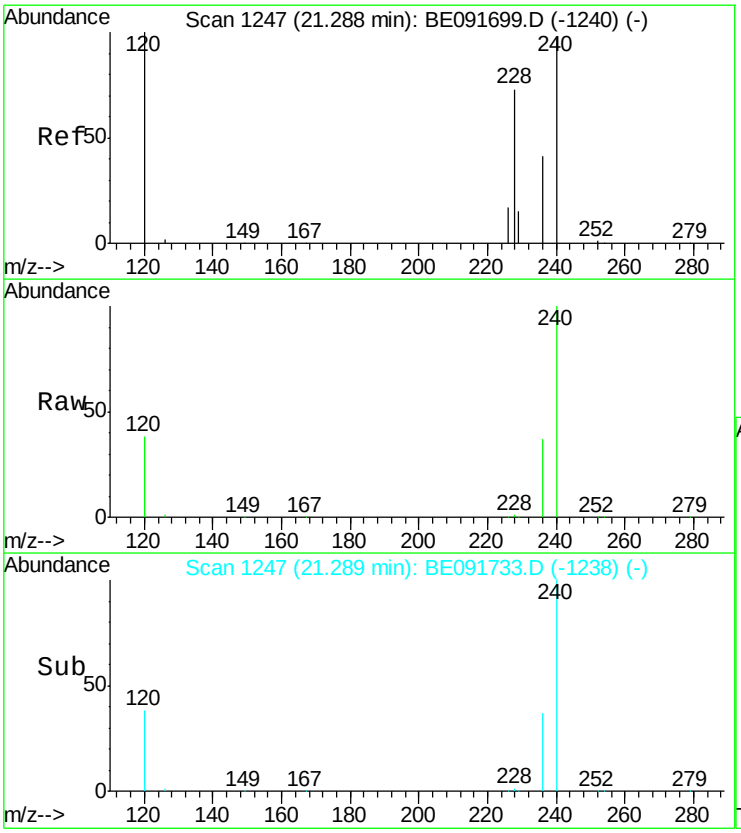
#29
Terphenyl-d14
Concen: 4.38 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Instrument :
BNA_E
ClientSampleId :
PB90187BL

Tgt Ion:244 Resp: 151449

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.9	10.3
122	1.4	11.0	16.4#

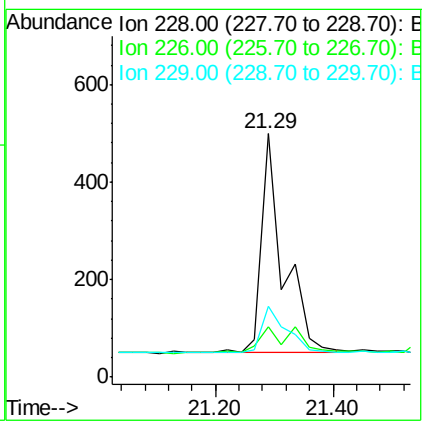


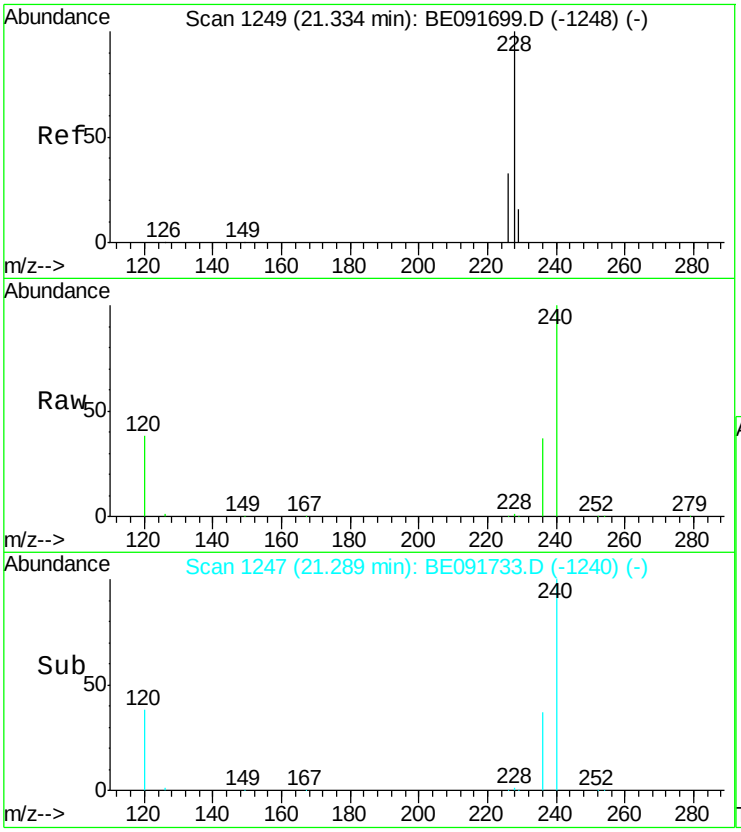


#30
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Tgt Ion:228 Resp: 1168

Ion	Ratio	Lower	Upper
228	100		
226	20.4	21.0	31.4#
229	29.1	15.7	23.5#



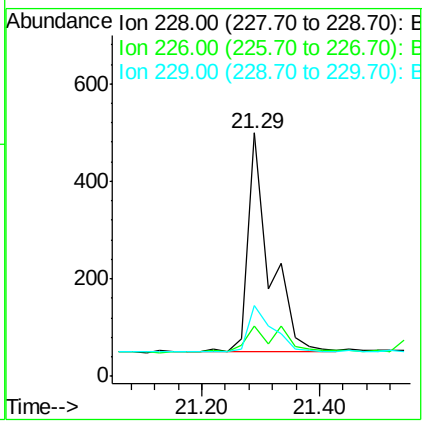


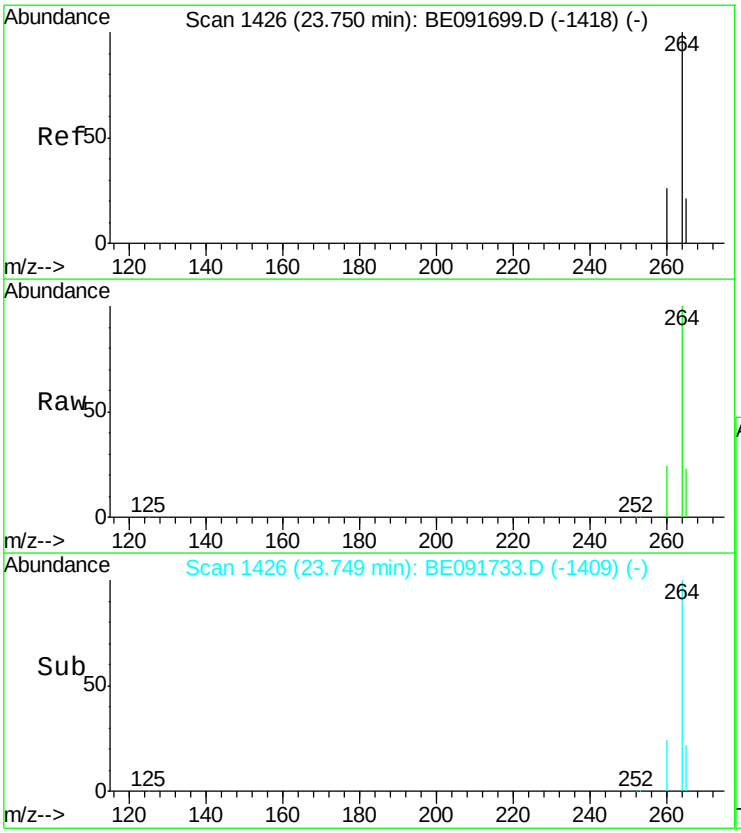
#32
Chrysene
Concen: 0.02 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.04 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Instrument :
BNA_E
ClientSampleId :
PB90187BL

Tgt Ion:228 Resp: 1156

Ion	Ratio	Lower	Upper
228	100		
226	20.4	24.0	36.0#
229	29.1	15.9	23.9#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091733.D
Acq: 29 Apr 2016 14:48

Tgt Ion:264 Resp: 233860

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.7	17.5	26.3