Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090695.D
Acq On : 2 Sep 2015 8:39
Operator : UM/IZ
Sample : G3503-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 083115-D506-F-D-M

Quant Time: Sep 02 12:19:26 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	7.55	152	43190	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	187403	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	96643	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	238504	5.00	ng		0.00
25) Chrysene-d12	21.07	240	307319	5.00	ng		0.00
32) Perylene-d12	23.36	264	288232	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	37613	4.48	ng		0.00
5) Phenol-d6	6.75	99	33746	2.81	ng		0.00
7) Nitrobenzene-d5	8.71	82	55718	4.50	ng		0.00
13) 2,4,6-Tribromophenol	15.68	330	28832	10.12	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	118997	4.45	ng		0.00
27) Terphenyl-d14	19.53	244	228664	6.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	79	Below Cal		#	22
8) Nitrobenzene	8.77	77	12	0.11	ng	#	83
20) Hexachlorobenzene	16.23	284	86	Below Cal		#	1
21) Pentachlorophenol	16.61	266	20	0.47	ng	#	63
22) Phenanthrene	16.96	178	1222	0.02	ng	#	78
26) Pyrene	19.32	202	1348	0.02	ng		95
29) Chrysene	21.11	228	603	Below Cal		#	72
30) Bis(2-ethylhexyl)phthalate	21.00	149	2756	0.22	ng	#	94
36) Dibenzo(a,h)anthracene	25.74	278	290	0.14	ng	#	1

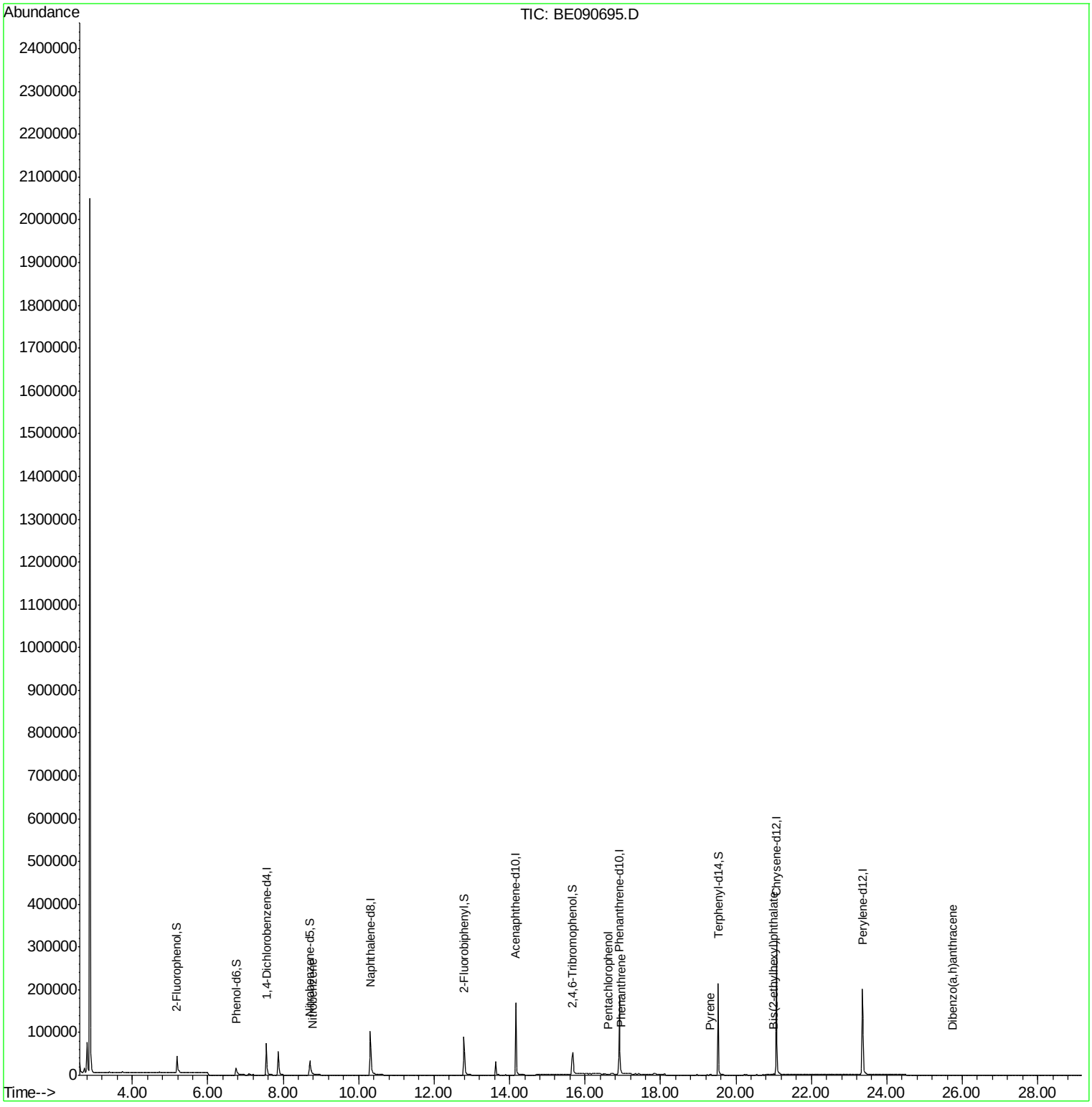
(#) = qualifier out of range (m) = manual integration (+) = signals summed

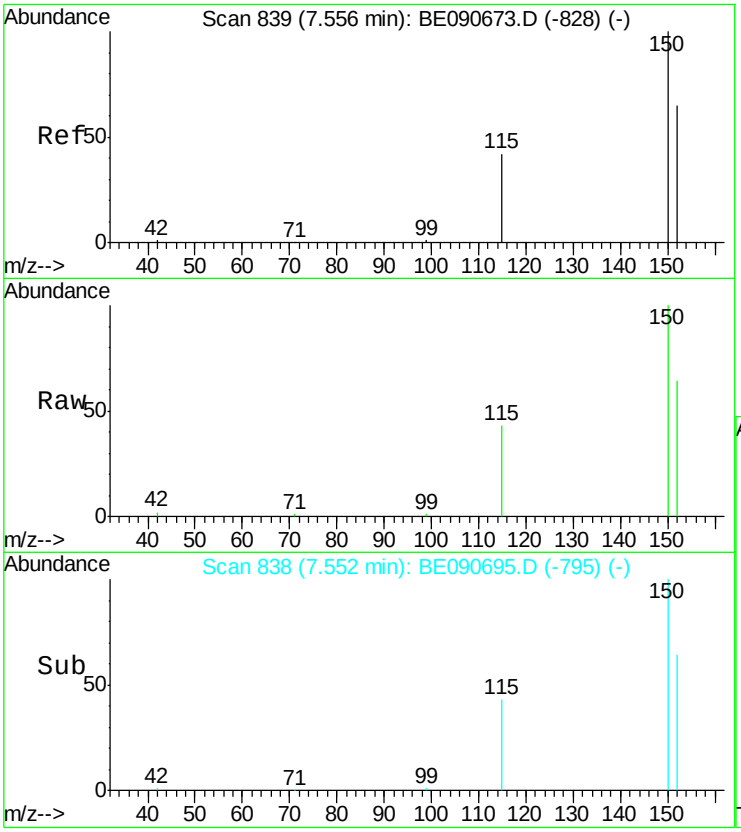
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090695.D
Acq On : 2 Sep 2015 8:39
Operator : UM/IZ
Sample : G3503-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Quant Time: Sep 02 12:19:26 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



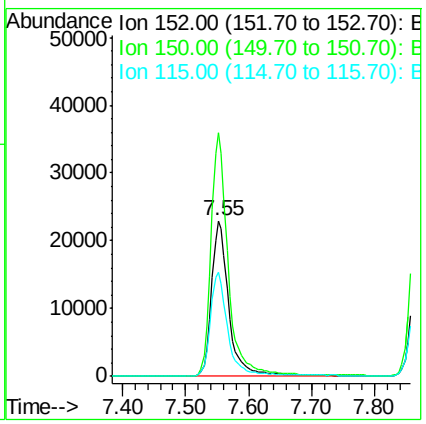


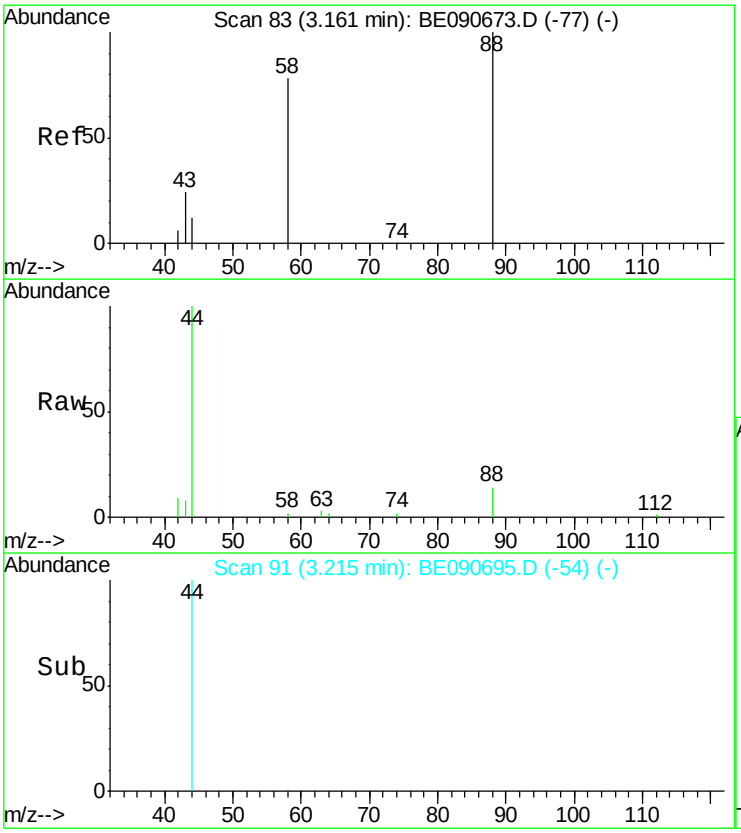
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:152 Resp: 43190

Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.2	183.4
115	67.3	51.0	76.4

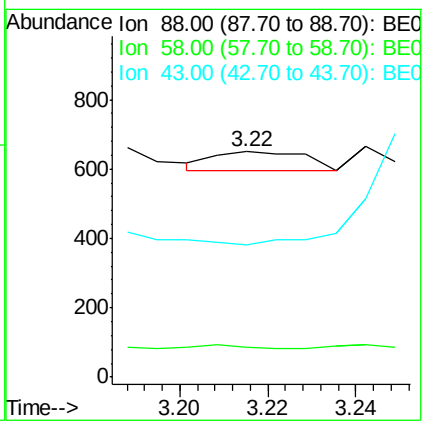


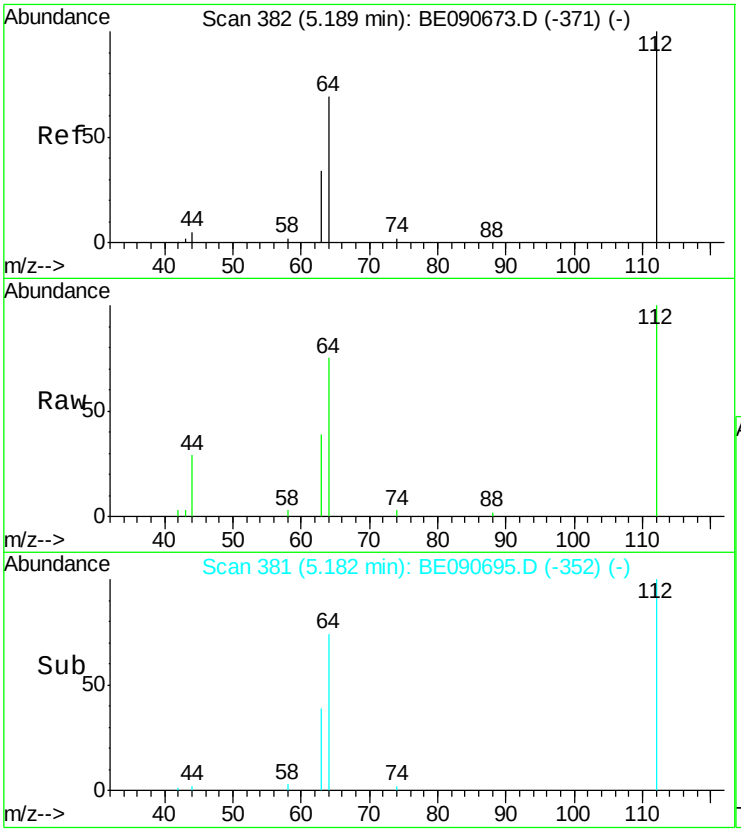


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.22 min Scan# 91
Delta R.T. 0.05 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
58	7.6	68.4	102.6#
43	0.0	26.9	40.3#



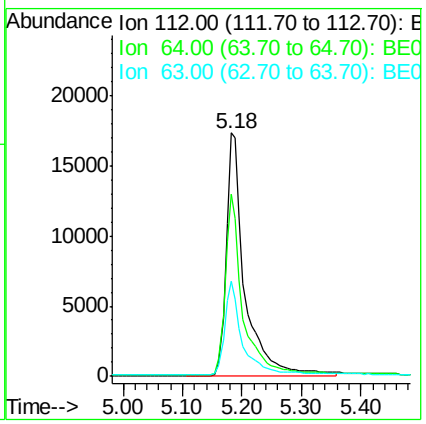


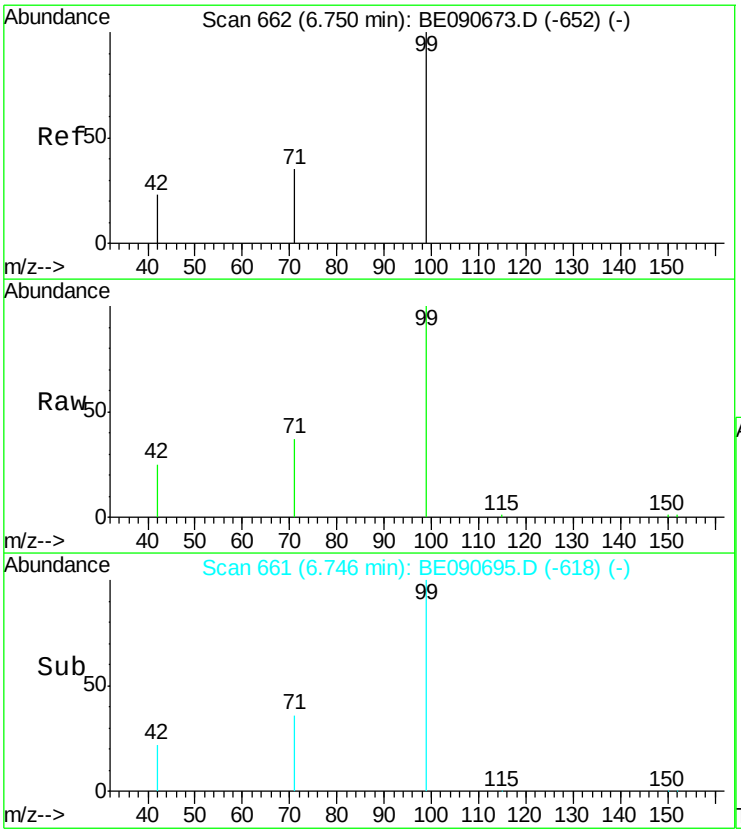
#4
2-Fluorophenol
Concen: 4.48 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:112 Resp: 37613

Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.3	85.9
63	37.1	29.2	43.8

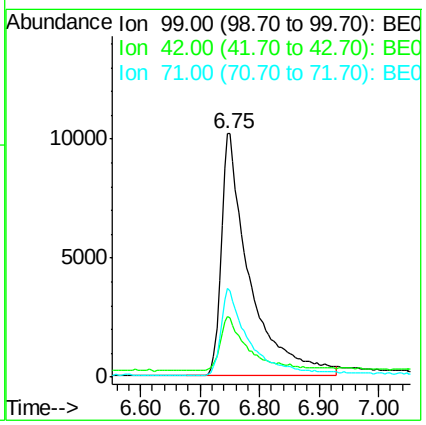


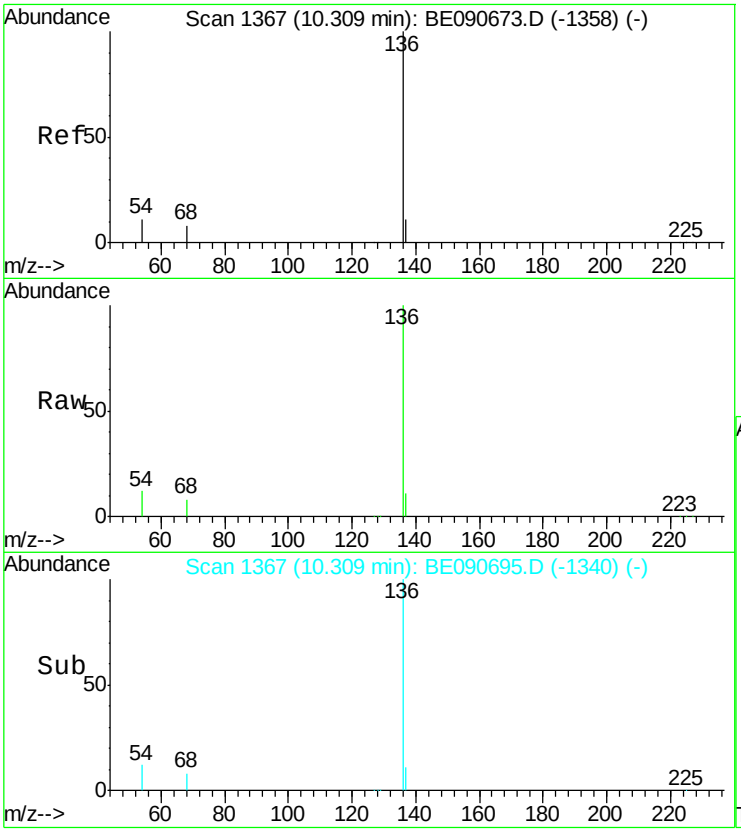


#5
Phenol-d6
Concen: 2.81 ng
RT: 6.75 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion: 99 Resp: 33746

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.8	25.2
71	35.8	28.3	42.5



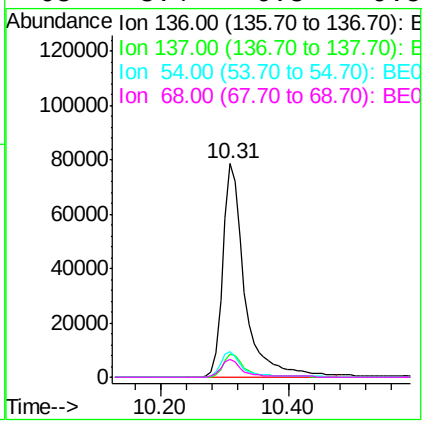


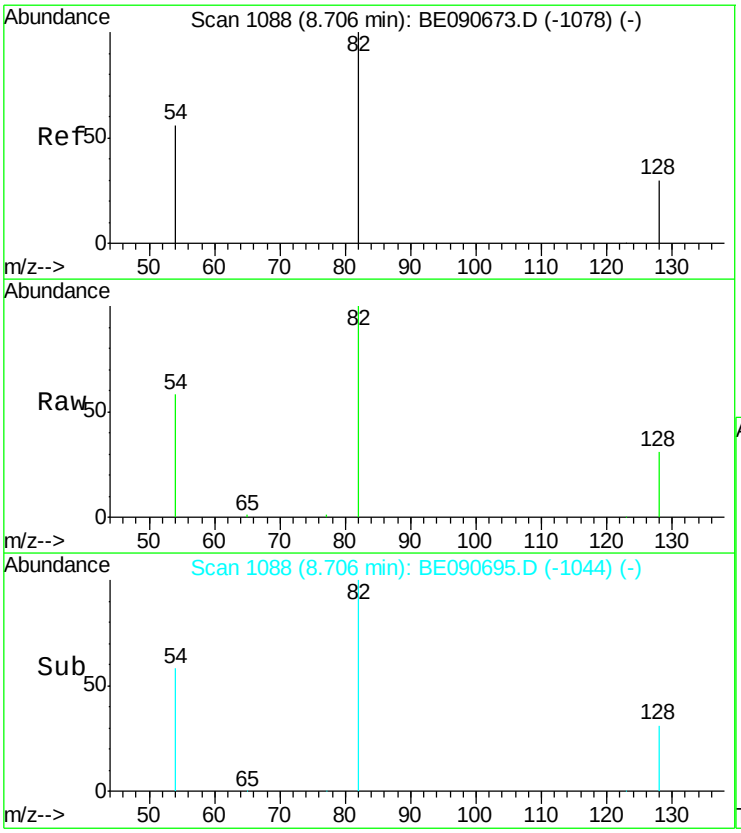
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:136 Resp: 187403

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.9	9.0	13.6
68	8.4	6.3	9.5

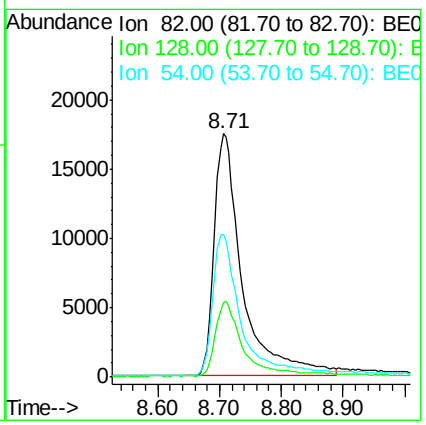


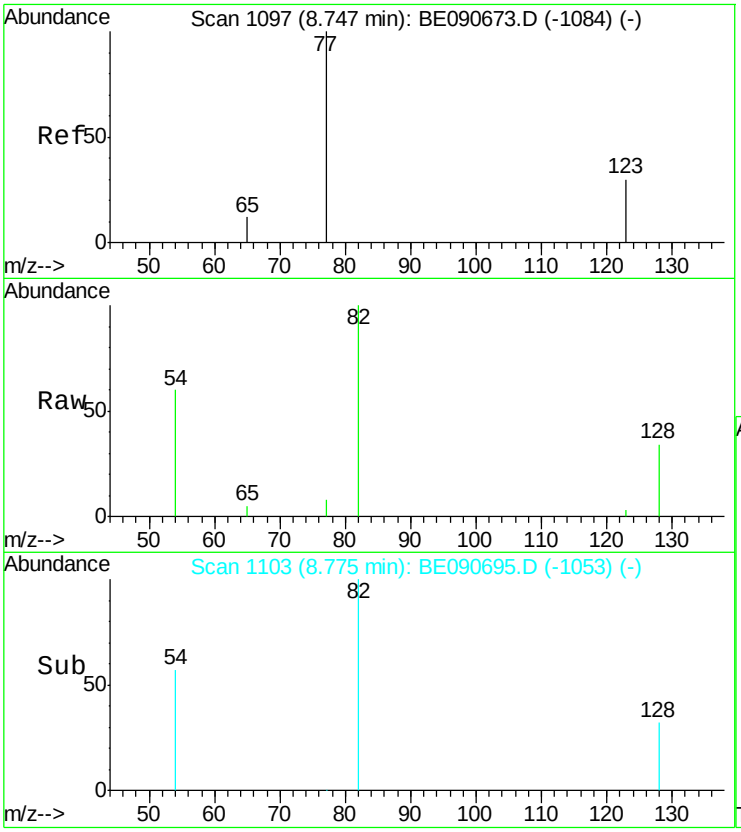


#7
Nitrobenzene-d5
Concen: 4.50 ng
RT: 8.71 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion: 82 Resp: 55718

Ion	Ratio	Lower	Upper
82	100		
128	30.8	25.0	37.4
54	58.5	46.3	69.5



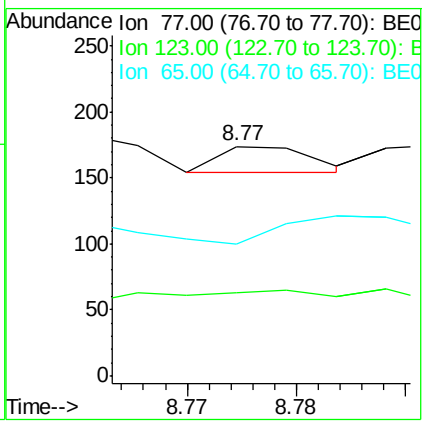


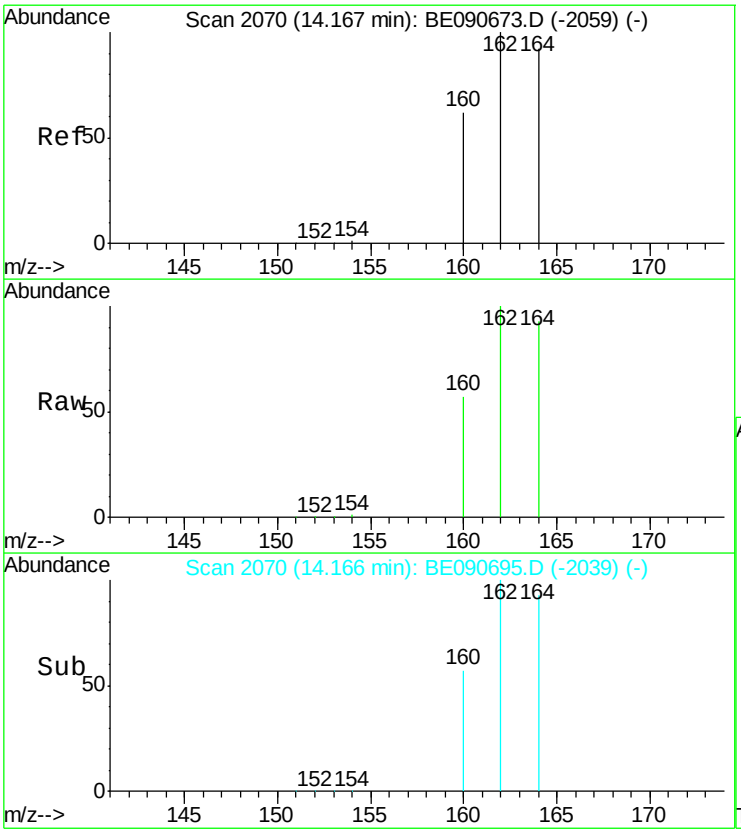
#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.77 min Scan# 1103
Delta R.T. 0.03 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion: 77 Resp: 12

Ion	Ratio	Lower	Upper
77	100		
123	25.0	25.1	37.7#
65	0.0	9.9	14.9#

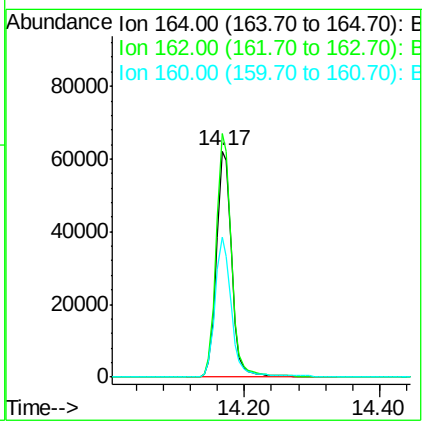


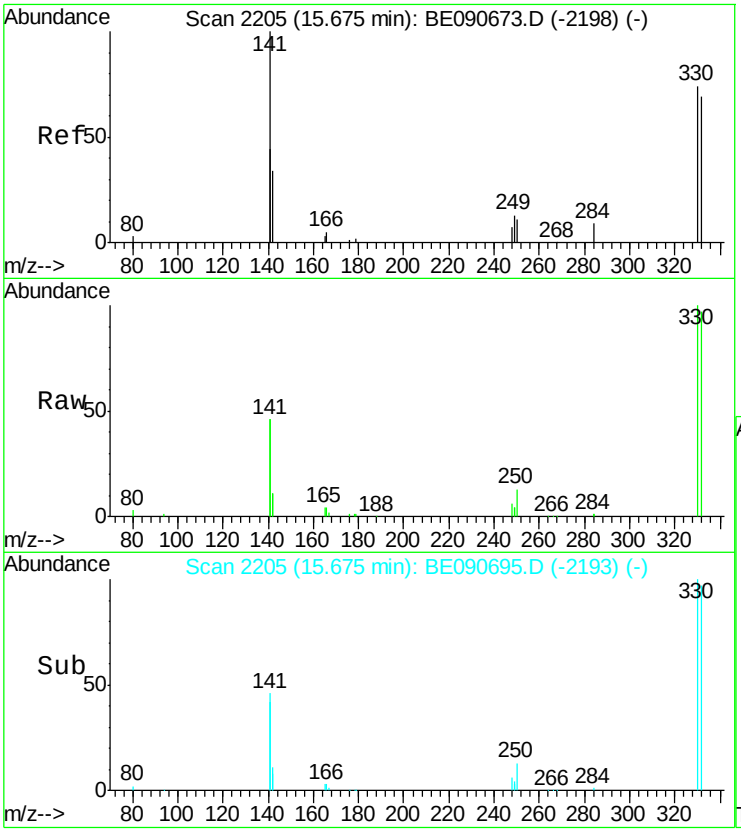


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion:164 Resp: 96643

Ion	Ratio	Lower	Upper
164	100		
162	107.8	86.8	130.2
160	61.9	53.9	80.9



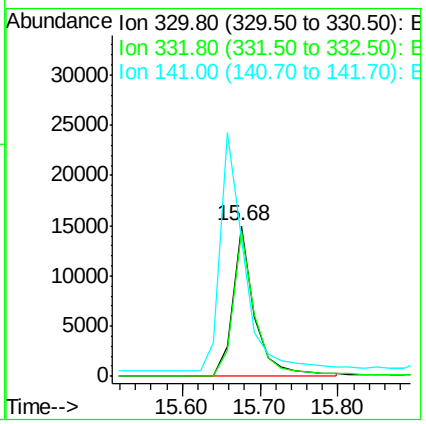


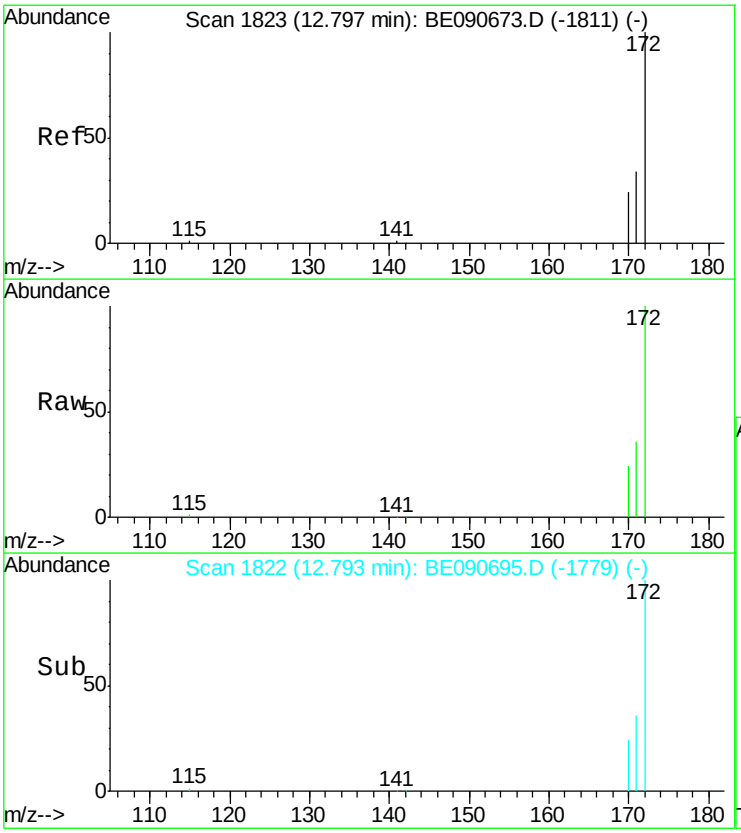
#13
2,4,6-Tribromophenol
Concen: 10.12 ng
RT: 15.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:330 Resp: 28832

Ion	Ratio	Lower	Upper
330	100		
332	97.7	74.9	112.3
141	175.2	145.2	217.8

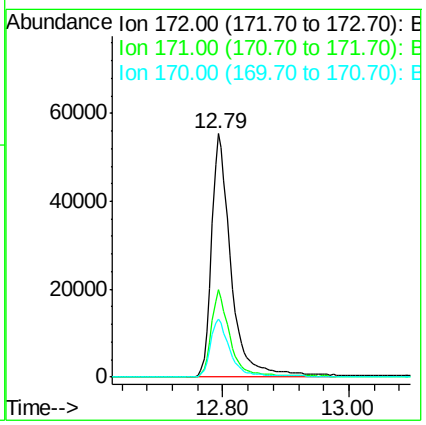


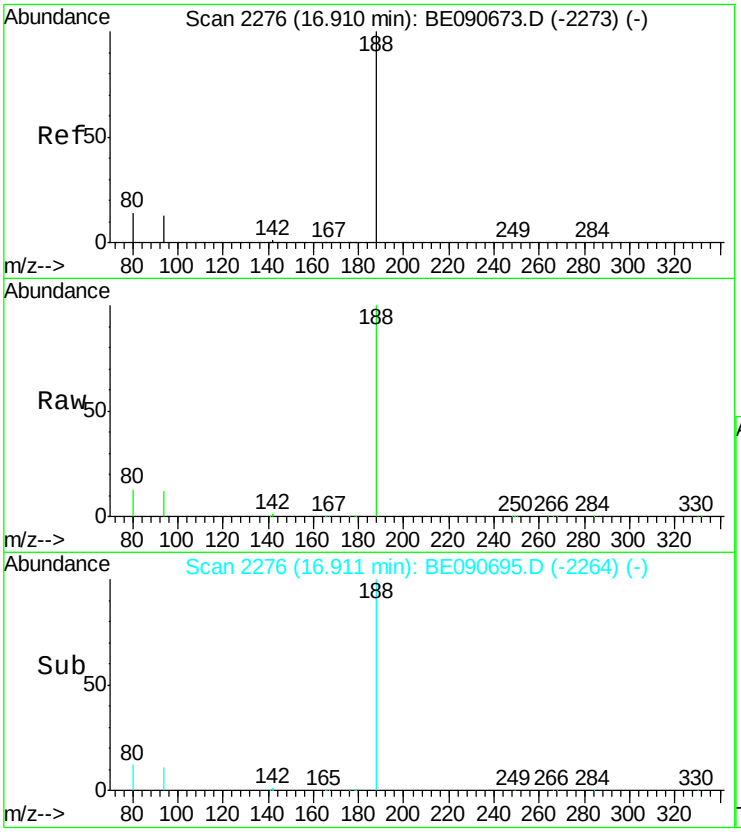


#14
2-Fluorobiphenyl
Concen: 4.45 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion:172 Resp: 118997

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.8
170	24.0	19.8	29.6



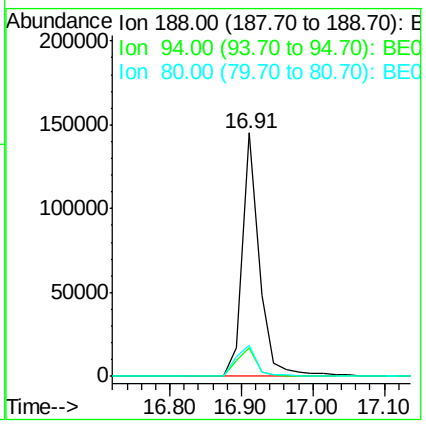


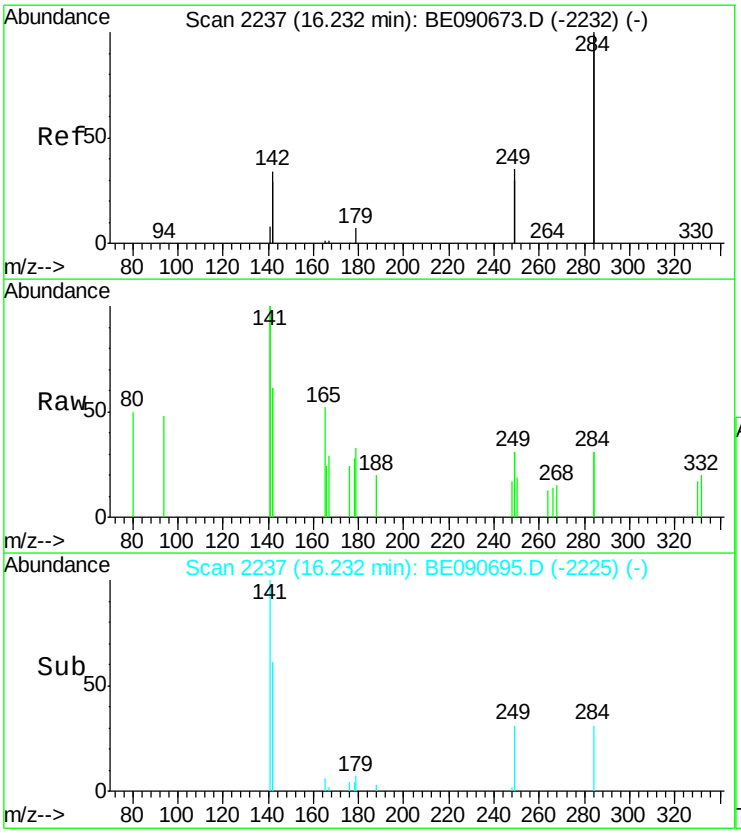
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:188 Resp: 238504

Ion	Ratio	Lower	Upper
188	100		
94	11.5	10.3	15.5
80	12.6	11.0	16.6

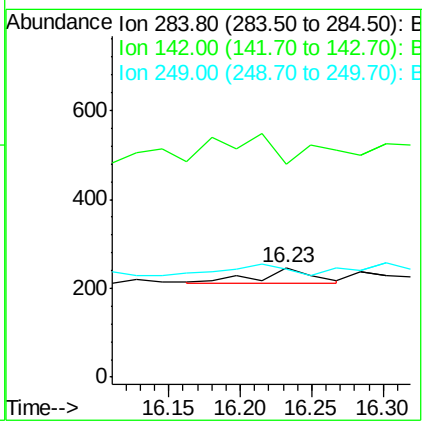


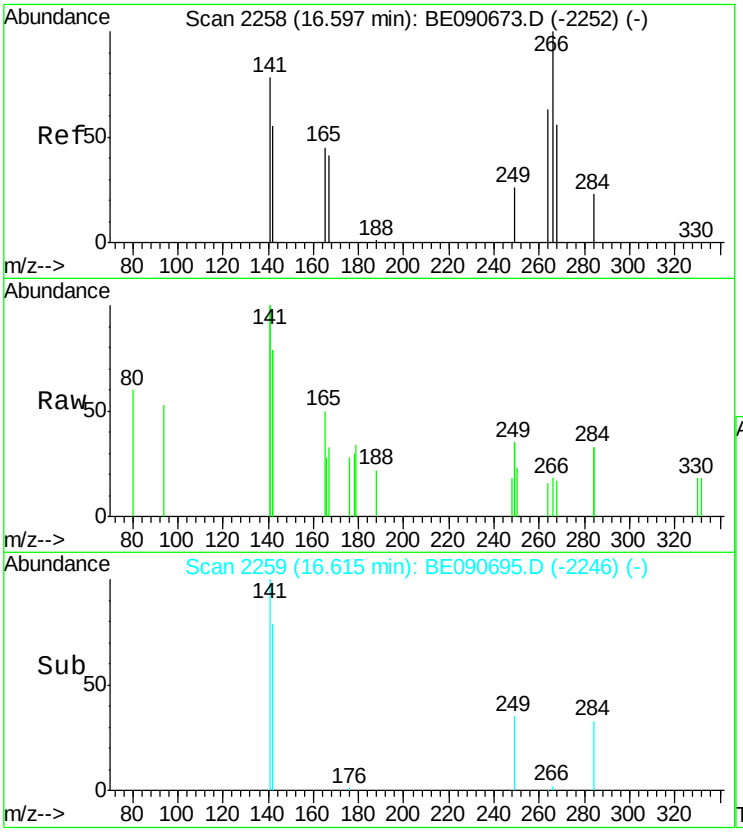


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion:284 Resp: 86

Ion	Ratio	Lower	Upper
284	100		
142	272.1	35.0	52.4#
249	75.6	25.5	38.3#



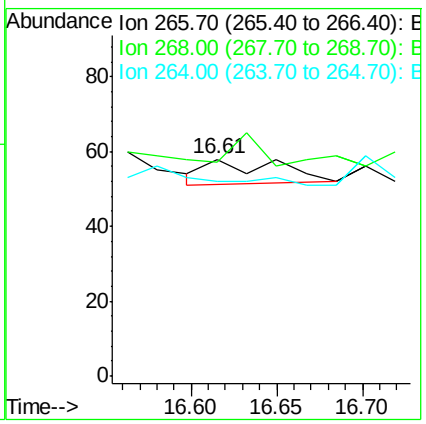


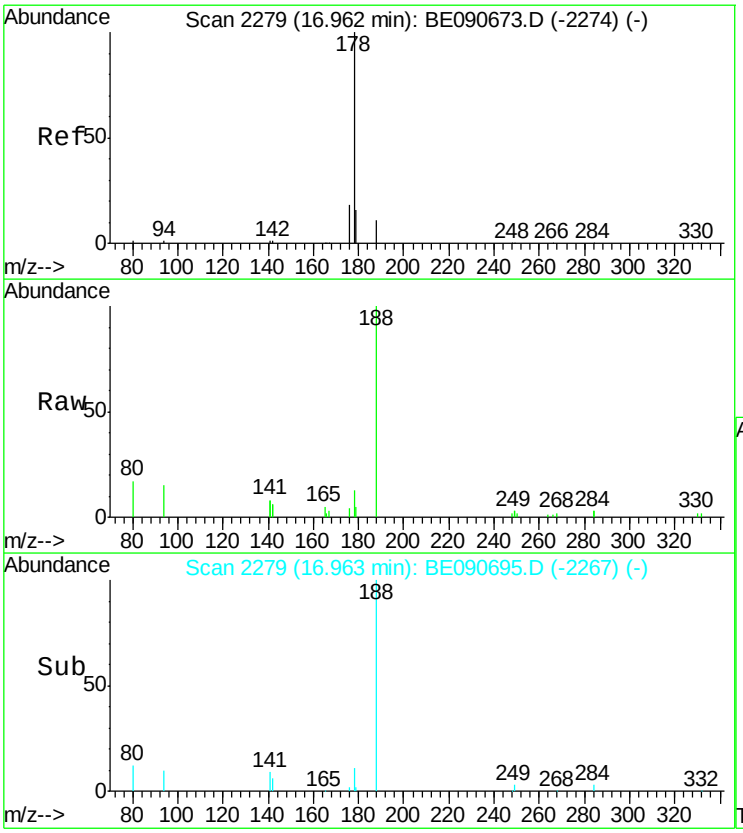
#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.02 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
268	98.3	49.6	74.4#
264	89.7	53.9	80.9#

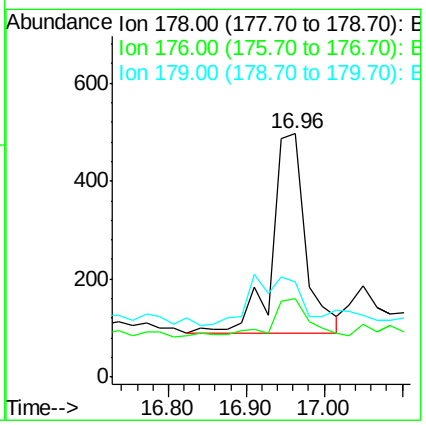


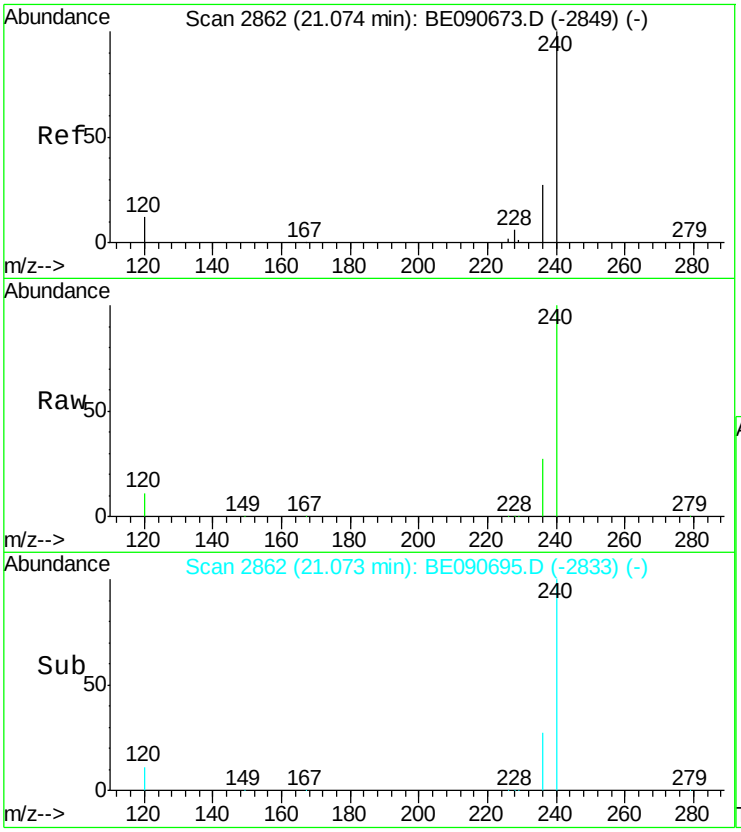


#22
Phenanthrene
Concen: 0.02 ng
RT: 16.96 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion:178 Resp: 1222

Ion	Ratio	Lower	Upper
178	100		
176	23.9	15.6	23.4#
179	0.0	12.8	19.2#



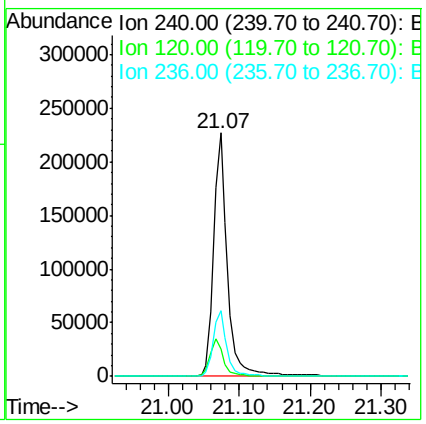


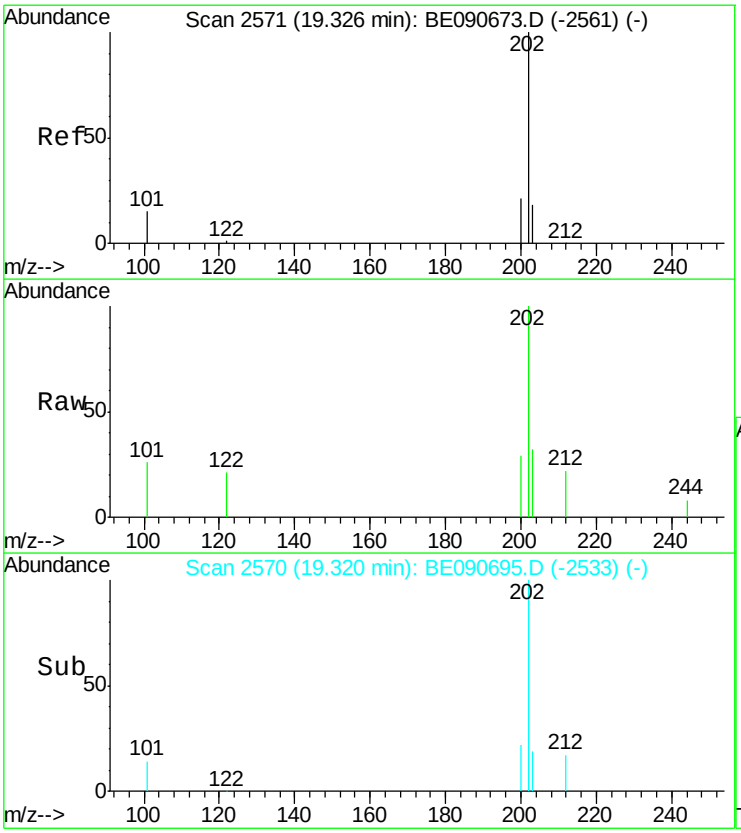
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. -0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:240 Resp: 307319

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.1	15.1
236	26.7	21.9	32.9

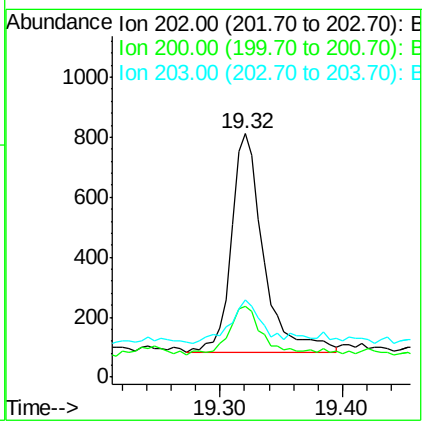


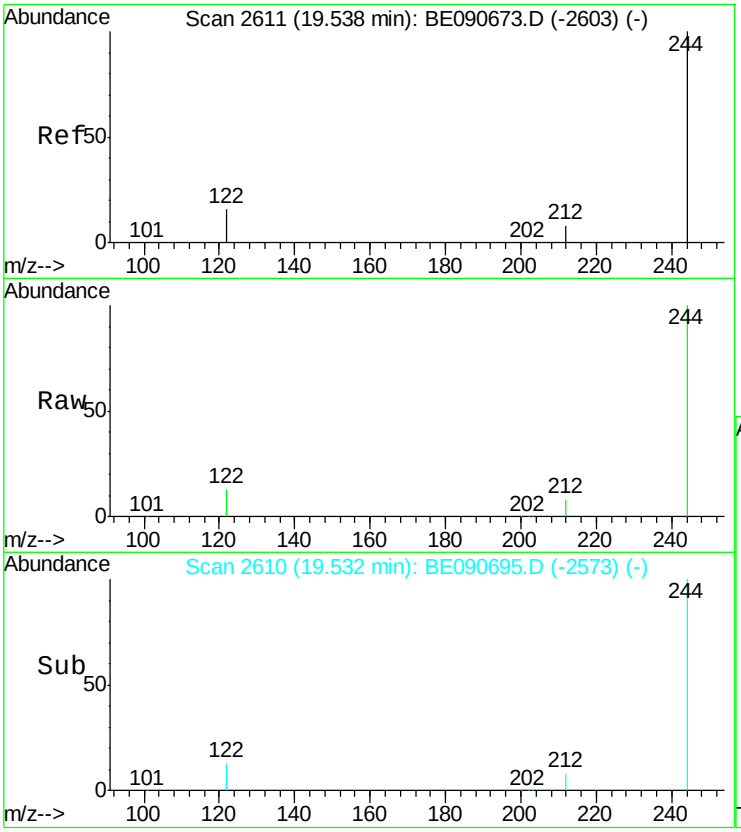


#26
Pyrene
Concen: 0.02 ng
RT: 19.32 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion:202 Resp: 1348

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.7	25.1
203	19.2	13.8	20.6



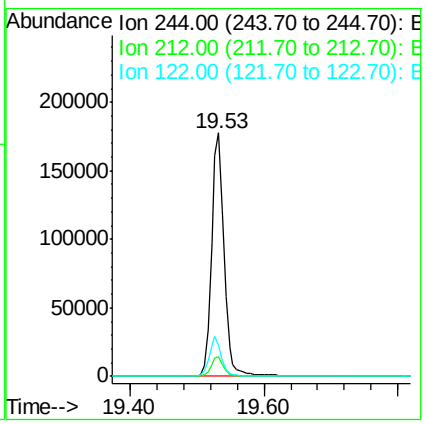


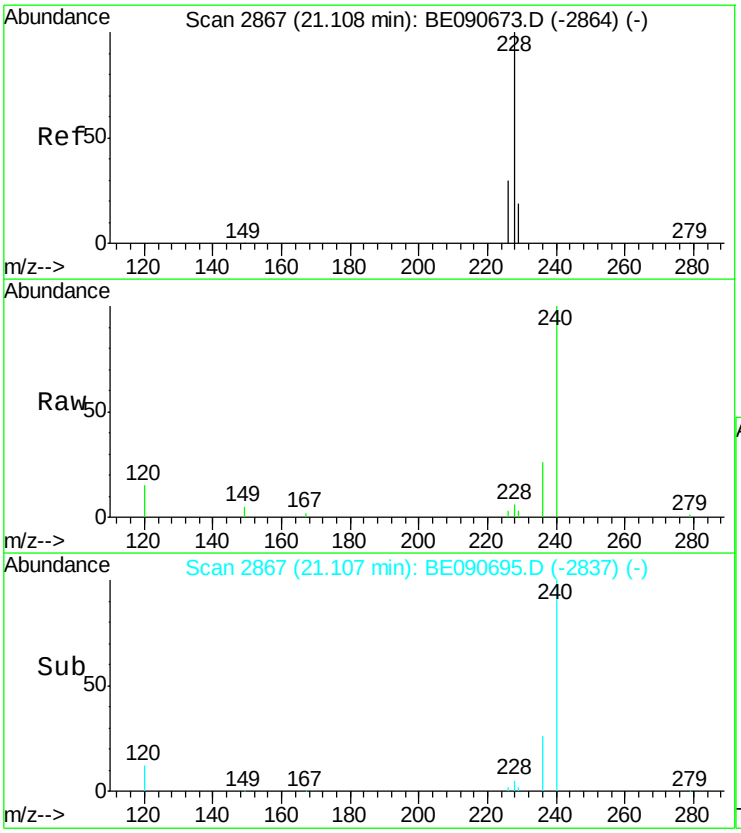
#27
Terphenyl-d14
Concen: 6.72 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:244 Resp: 228664

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	12.6	12.9	19.3#

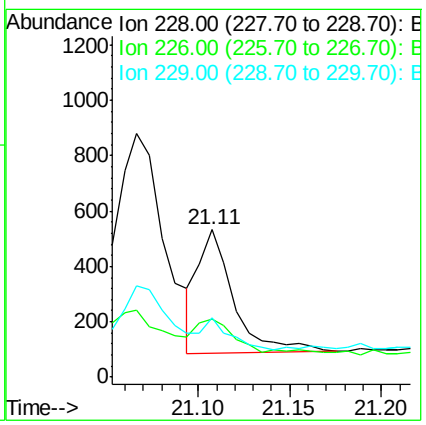


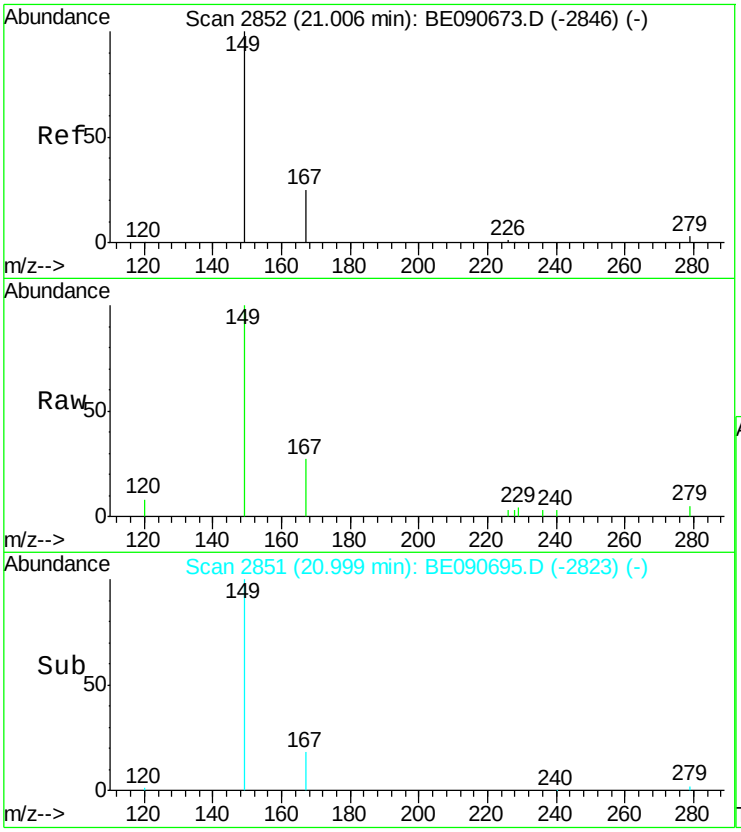


#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion:228 Resp: 603

Ion	Ratio	Lower	Upper
228	100		
226	39.4	24.2	36.4#
229	40.3	15.3	22.9#



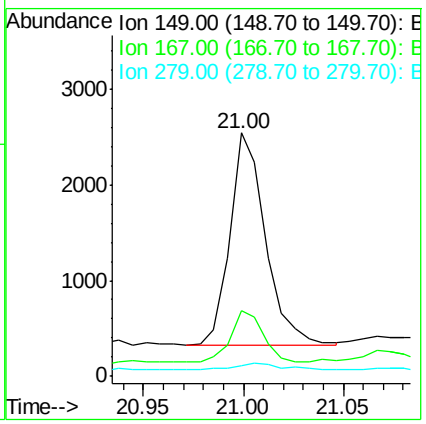


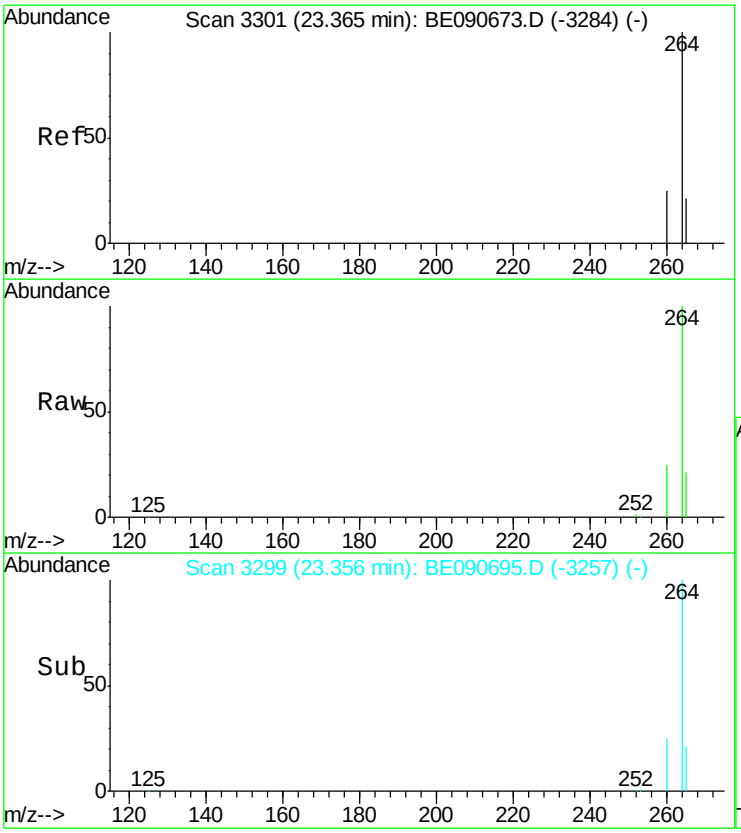
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.00 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:149 Resp: 2756

Ion	Ratio	Lower	Upper
149	100		
167	22.1	20.1	30.1
279	4.3	2.3	3.5#

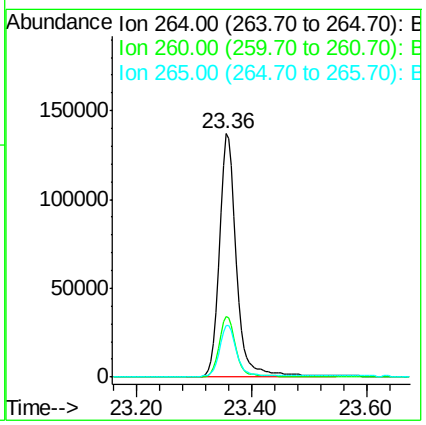


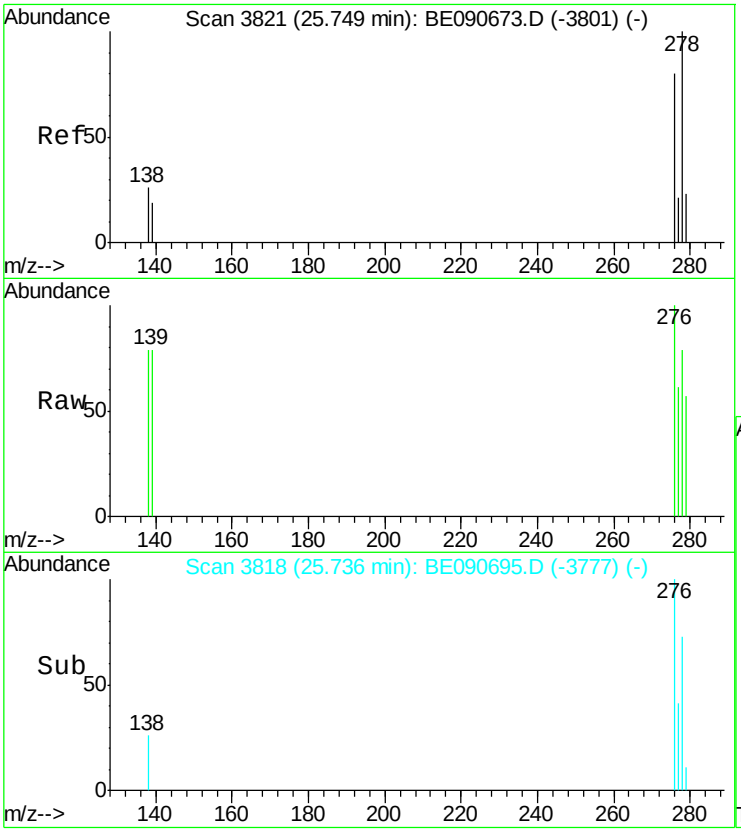


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.01 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Tgt Ion:264 Resp: 288232

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.4	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090695.D
Acq: 2 Sep 2015 8:39

Instrument :
BNA_E
ClientSampleId :
083115-D506-F-D-M

Tgt Ion:278 Resp: 290

Ion	Ratio	Lower	Upper
278	100		
139	100.7	15.4	23.0#
279	72.5	18.8	28.2#