Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090930.D
Acq On : 21 Sep 2015 22:15
Operator : UM/IZ
Sample : G3745-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091715-D534-F-U-S

Quant Time: Sep 22 00:43:53 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	26105	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	109375	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	58918	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	146626	5.00	ng	0.00
26) Chrysene-d12	21.07	240	188499	5.00	ng	0.00
33) Perylene-d12	23.35	264	173056	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	13861	2.34	ng	0.00
5) Phenol-d6	6.79	99	10231	1.26	ng	0.04
8) Nitrobenzene-d5	8.72	82	22800	3.03	ng	0.01
14) 2,4,6-Tribromophenol	15.68	330	13197	6.35	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	57496	3.44	ng	0.00
28) Terphenyl-d14	19.52	244	123780	5.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	15	Below Cal	#	1
3) n-Nitrosodimethylamine	3.42	42	7	Below Cal	#	6
6) bis(2-Chloroethyl)ether	6.96	93	15	Below Cal	#	17
10) Naphthalene	10.36	128	160	Below Cal	#	1
11) Hexachlorobutadiene	10.64	225	4	Below Cal	#	1
18) Fluorene	15.22	166	163	Below Cal	#	71
21) Hexachlorobenzene	16.23	284	69	Below Cal	#	37
22) Pentachlorophenol	16.53	266	19	0.18	ng #	60
23) Phenanthrene	16.95	178	816	Below Cal	#	66
30) Chrysene	21.10	228	427	Below Cal	#	61
31) Bis(2-ethylhexyl)phthalate	20.99	149	797	0.21	ng #	97

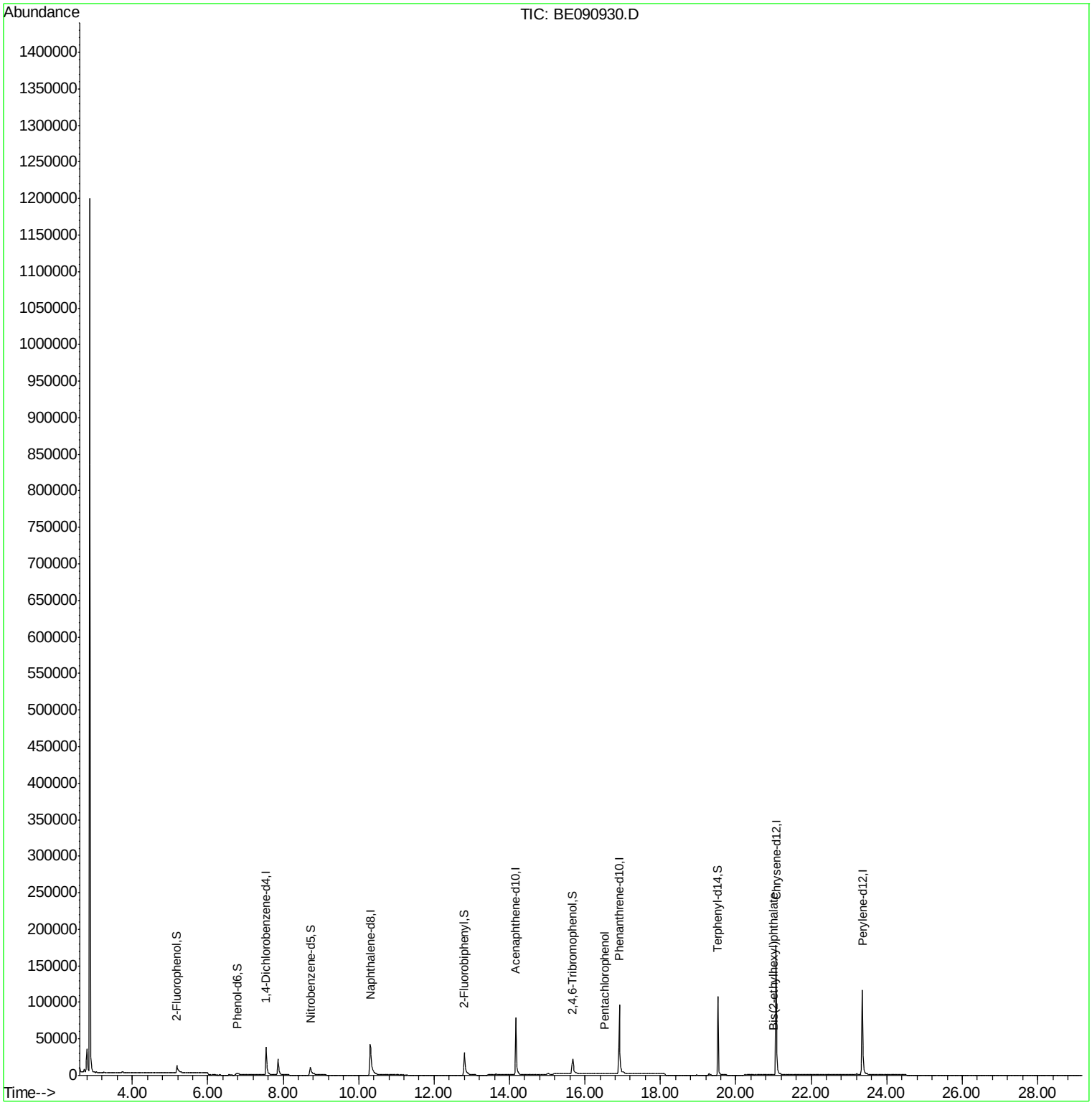
(#) = qualifier out of range (m) = manual integration (+) = signals summed

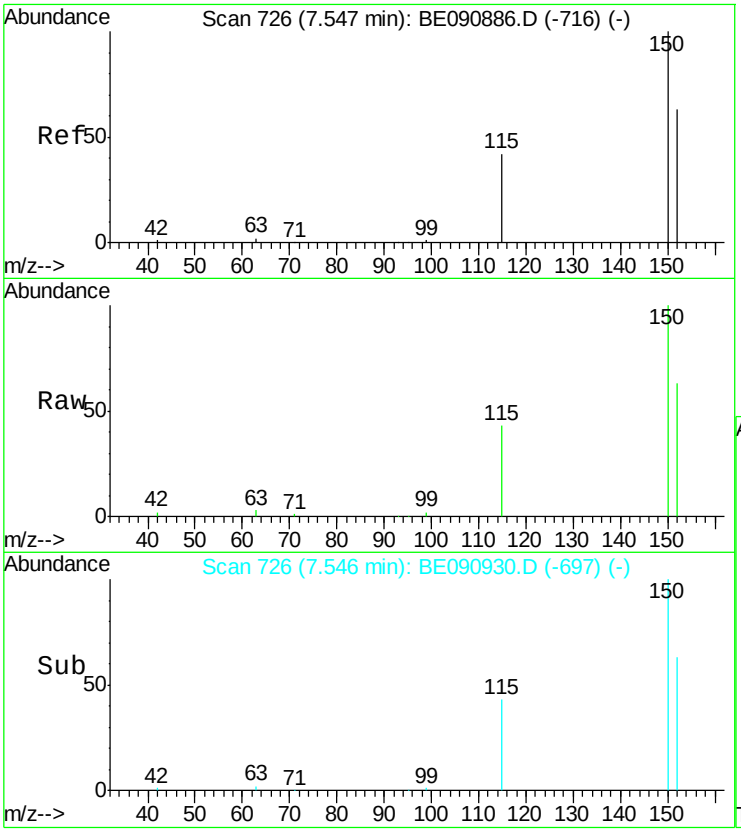
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090930.D
Acq On : 21 Sep 2015 22:15
Operator : UM/IZ
Sample : G3745-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Quant Time: Sep 22 00:43:53 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration



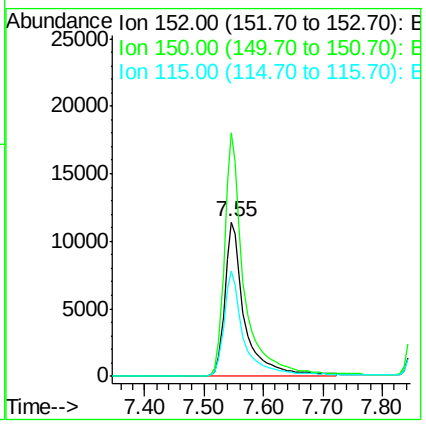


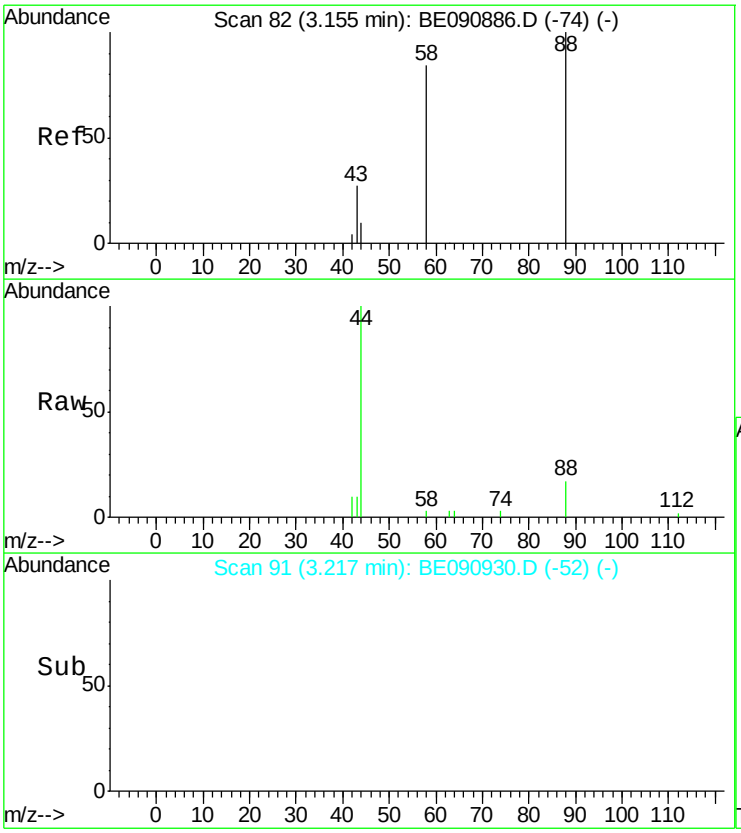
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion:152 Resp: 26105

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.2	183.4
115	68.0	51.0	76.4

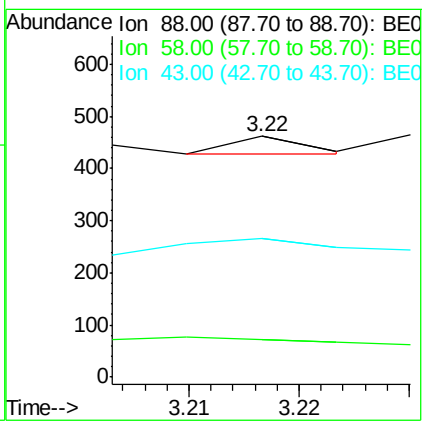


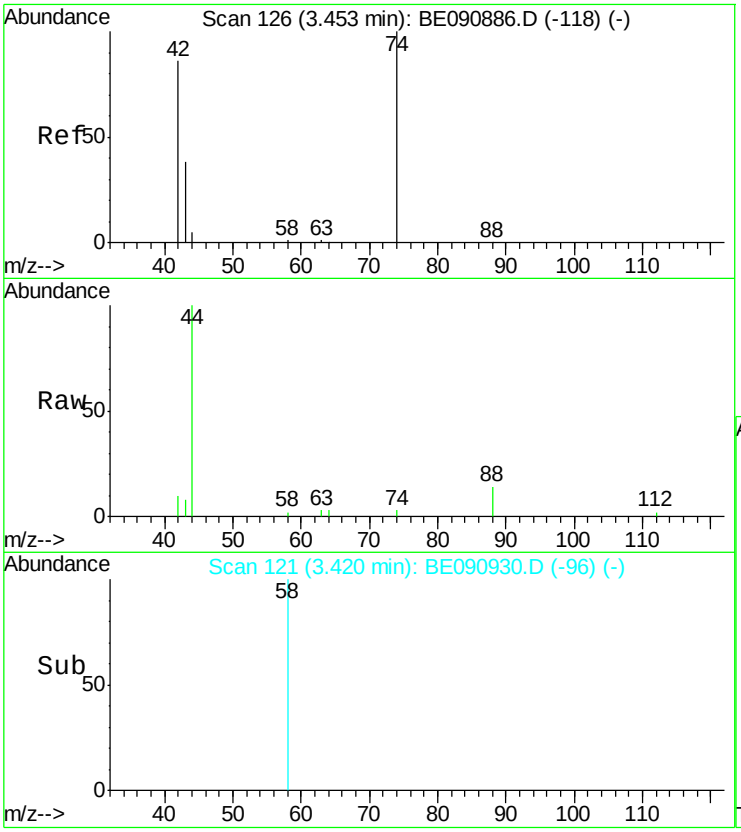


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.22 min Scan# 91
Delta R.T. 0.06 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion: 88 Resp: 15

Ion	Ratio	Lower	Upper
88	100		
58	93.3	68.4	102.6
43	226.7	26.9	40.3#



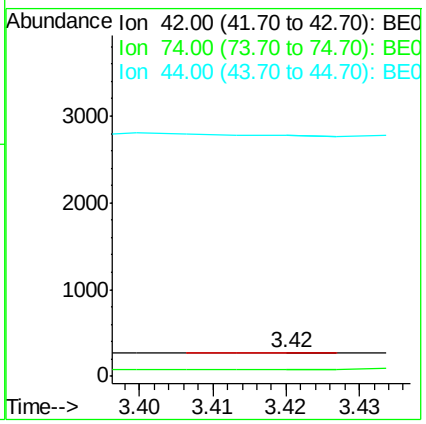


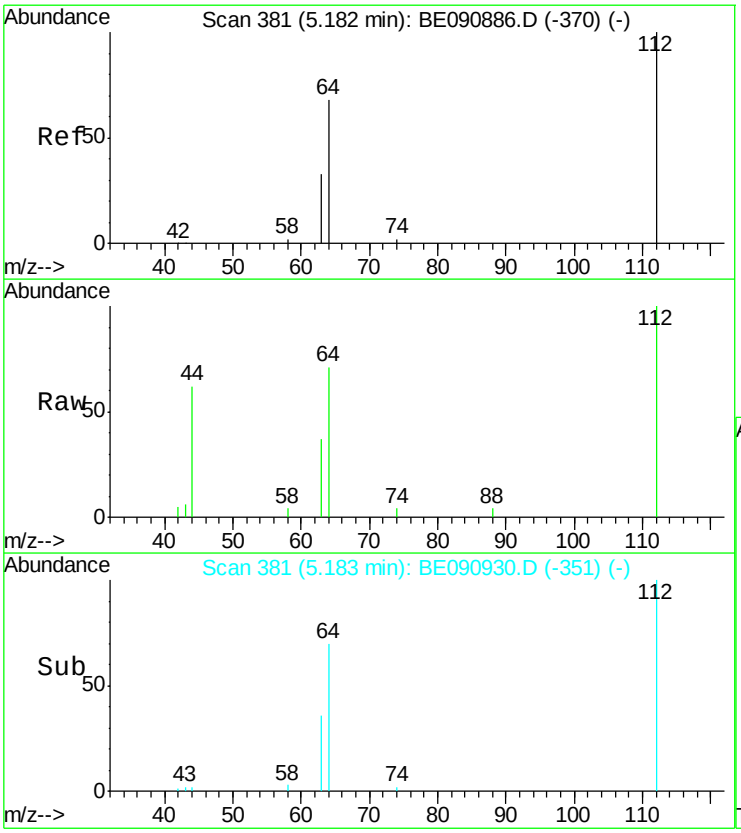
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.42 min Scan# 121
Delta R.T. -0.03 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion: 42 Resp: 7

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	0.0	10.0	15.0#

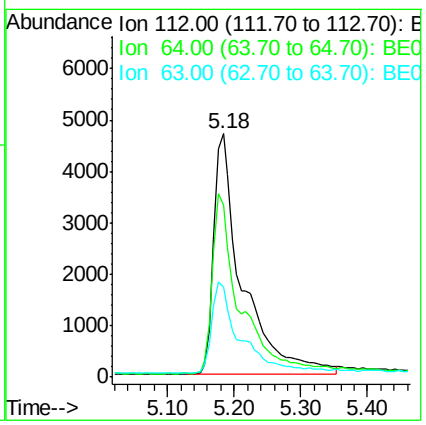


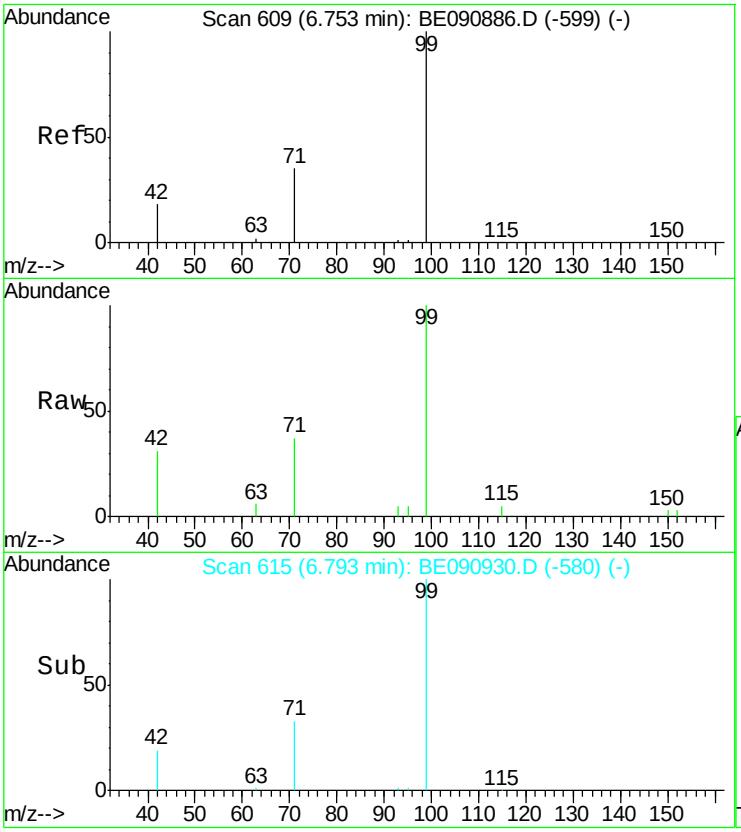


#4
2-Fluorophenol
Concen: 2.34 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:112 Resp: 13861

Ion	Ratio	Lower	Upper
112	100		
64	72.7	57.3	85.9
63	37.9	29.2	43.8



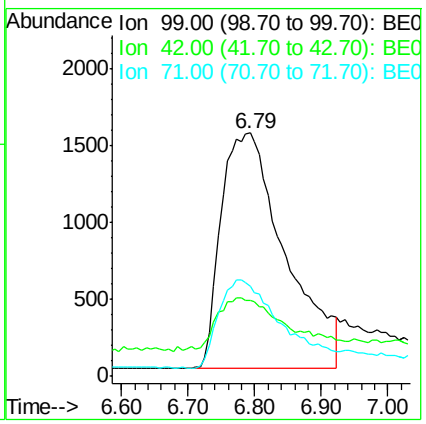


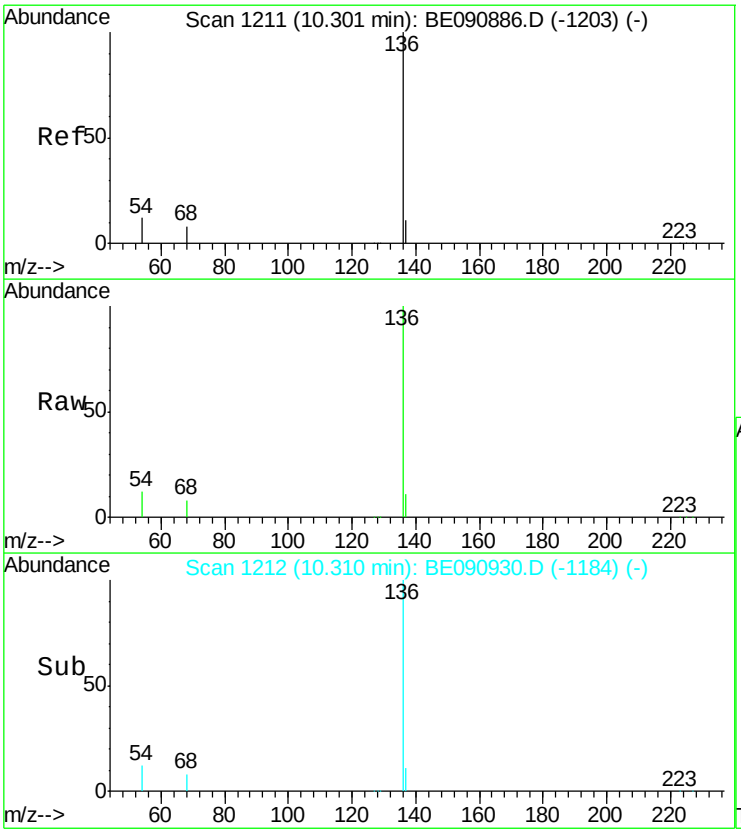
#5
Phenol-d6
Concen: 1.26 ng
RT: 6.79 min Scan# 615
Delta R.T. 0.04 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion: 99 Resp: 10231

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.8	25.2#
71	0.0	28.3	42.5#

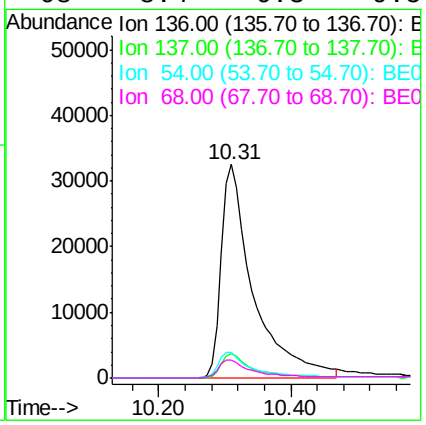


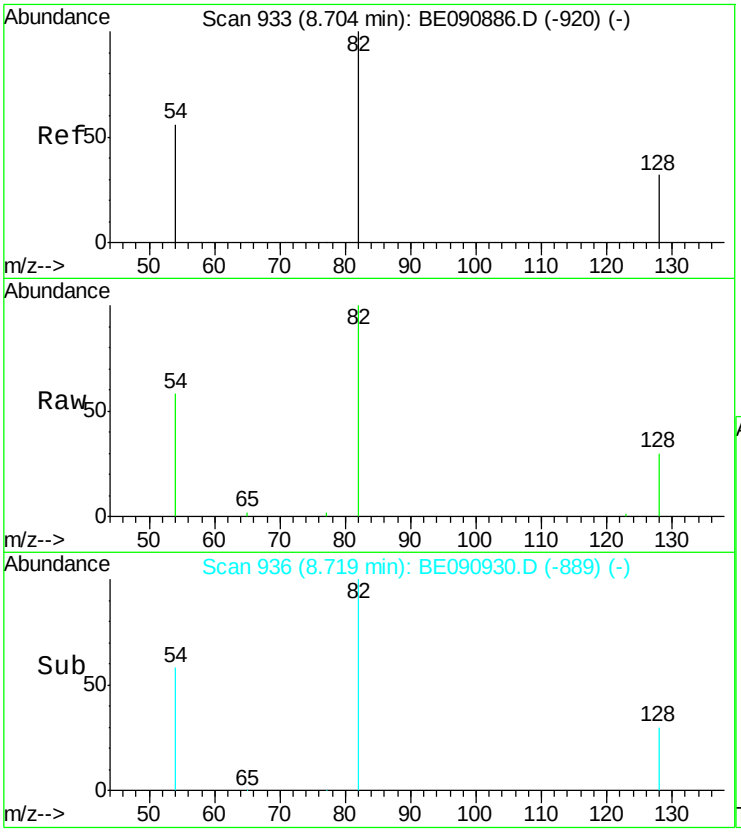


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:136 Resp: 109375

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.9	9.0	13.6
68	8.4	6.3	9.5



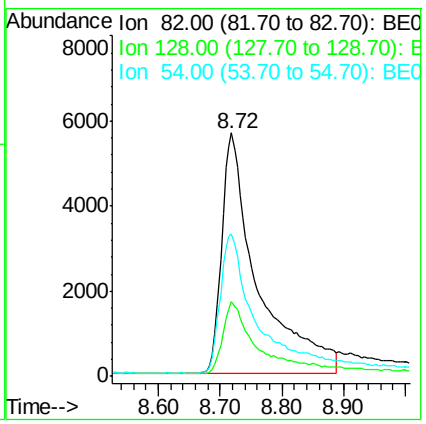


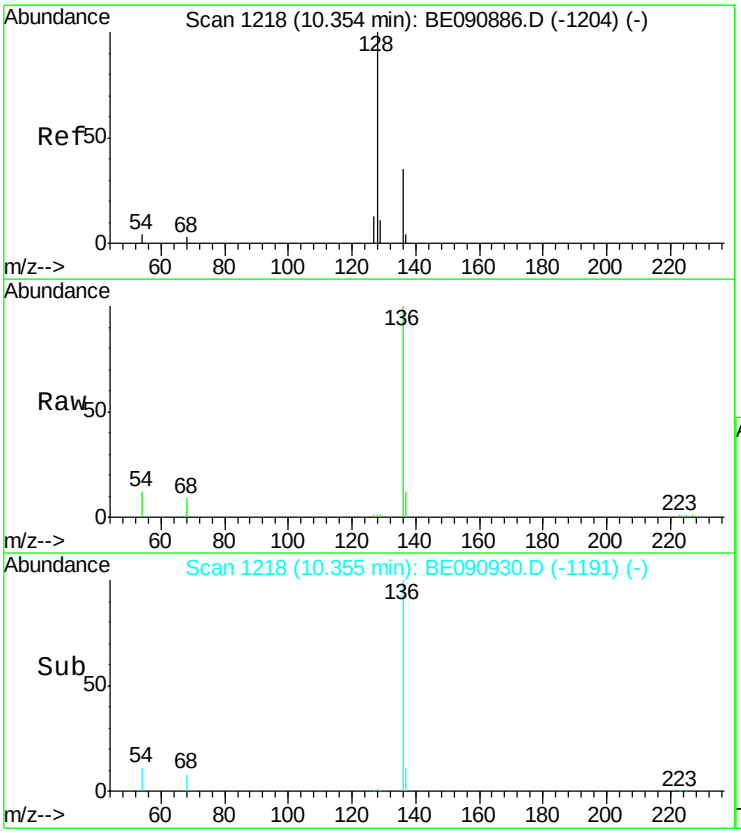
#8
Nitrobenzene-d5
Concen: 3.03 ng
RT: 8.72 min Scan# 936
Delta R.T. 0.01 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion: 82 Resp: 22800

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.0	37.4
54	58.3	46.3	69.5

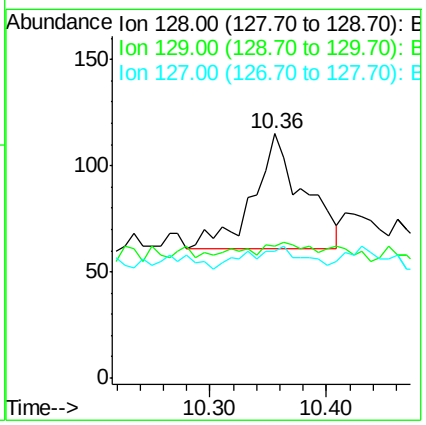


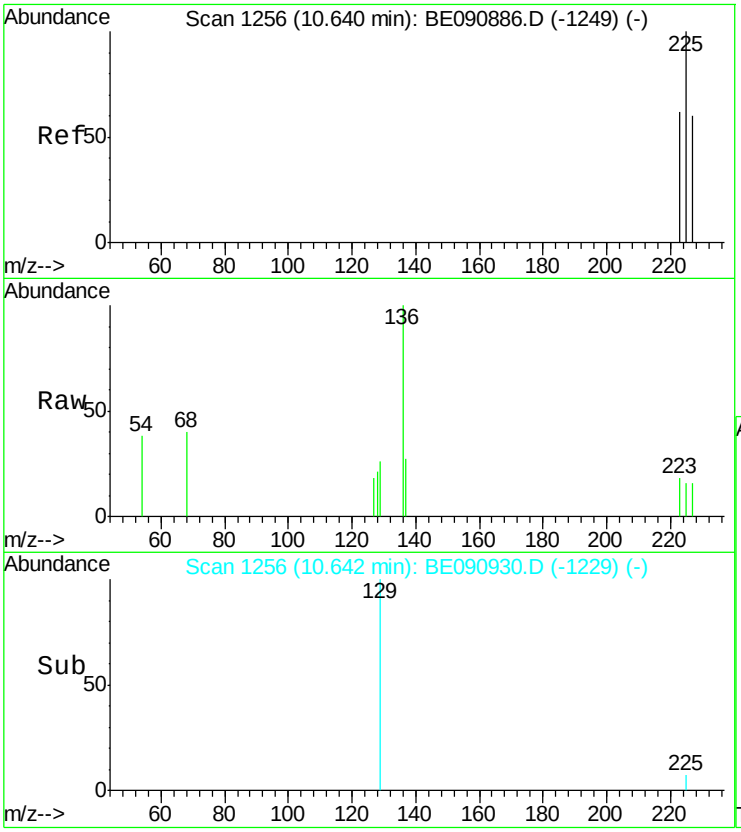


#10
Naphthalene
Concen: Below Cal
RT: 10.36 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:128 Resp: 160

Ion	Ratio	Lower	Upper
128	100		
129	53.9	8.4	12.6#
127	52.2	9.9	14.9#



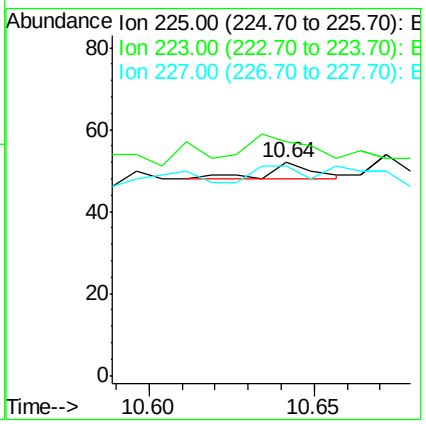


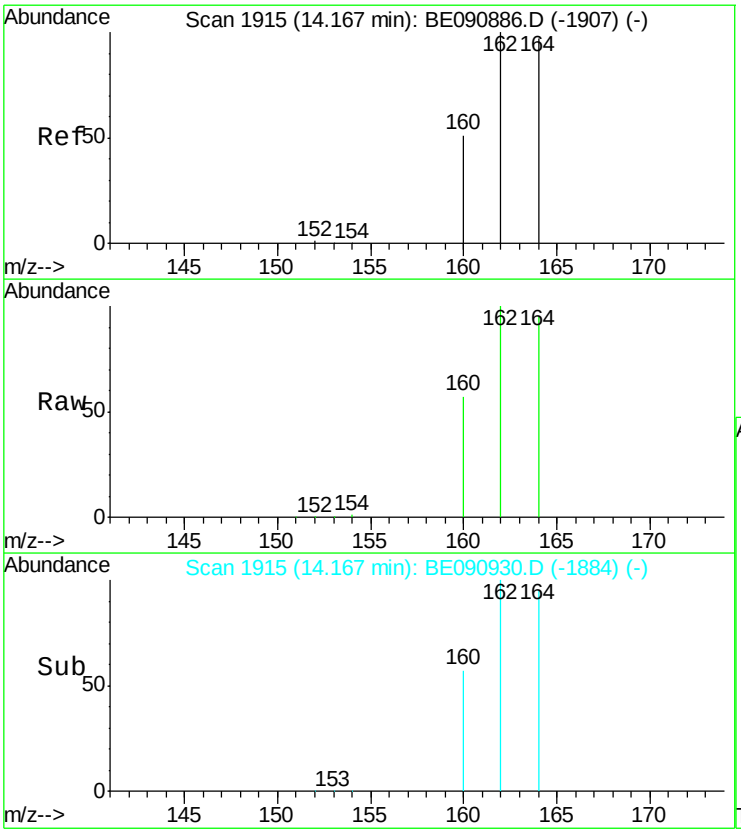
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion:225 Resp: 4

Ion	Ratio	Lower	Upper
225	100		
223	425.0	50.6	76.0#
227	100.0	51.0	76.6#

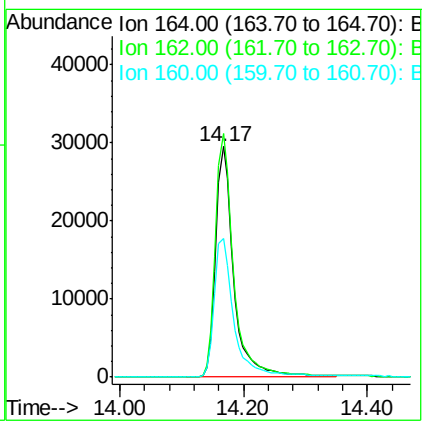


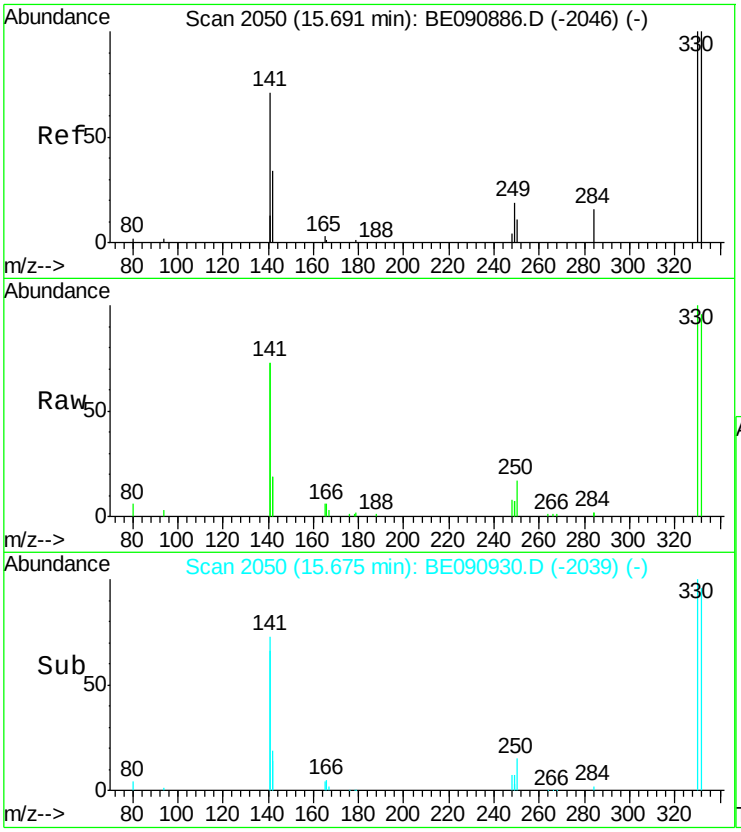


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:164 Resp: 58918

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.8	130.2
160	60.3	53.9	80.9



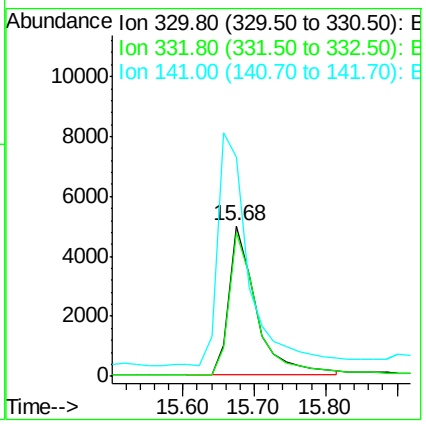


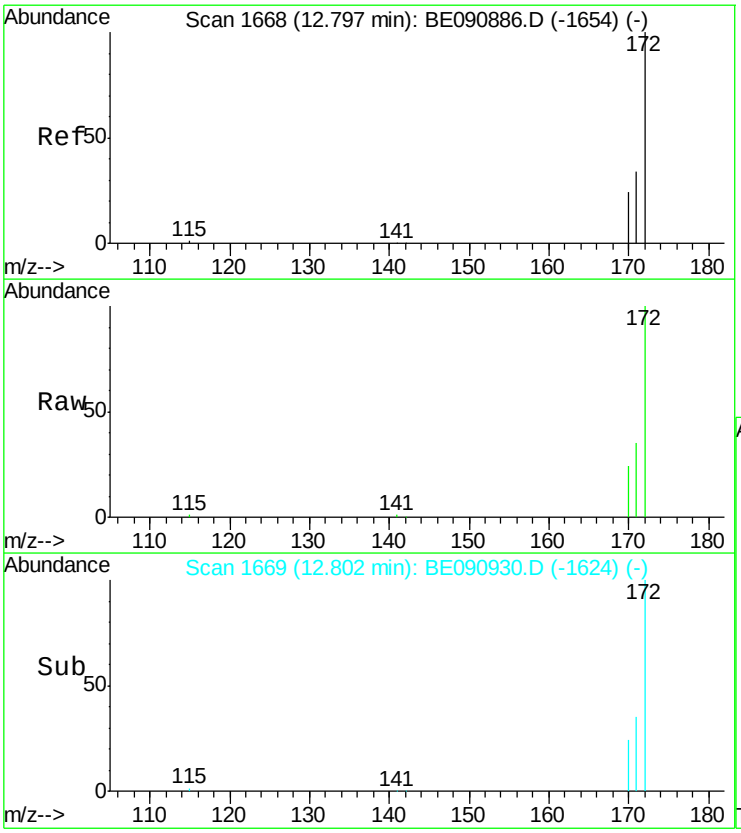
#14
2,4,6-Tribromophenol
Concen: 6.35 ng
RT: 15.68 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion:330 Resp: 13197

Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.9	112.3
141	177.6	145.2	217.8

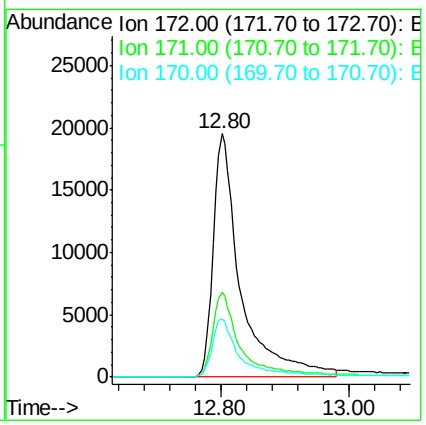


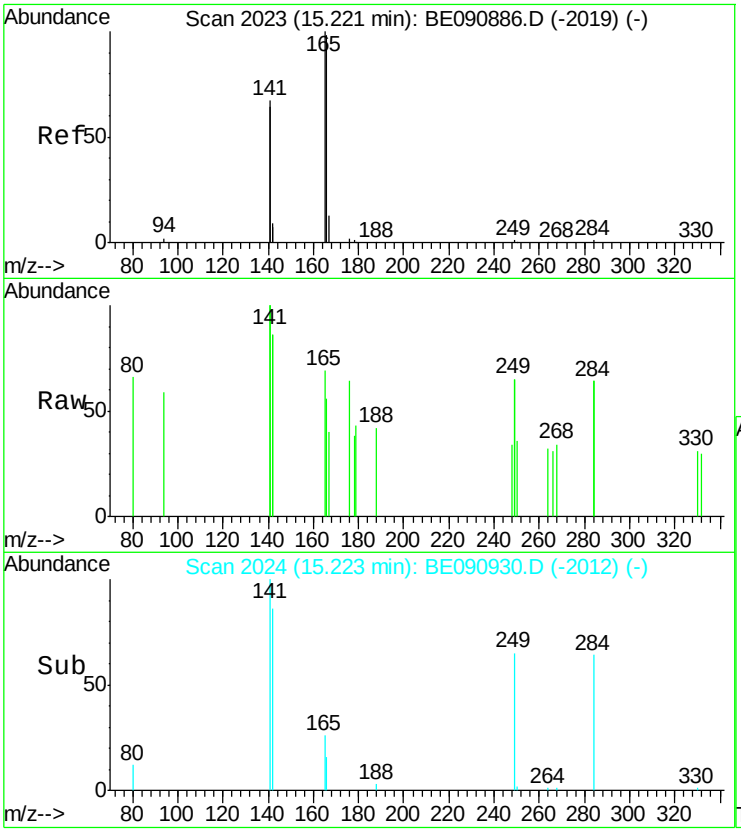


#15
2-Fluorobiphenyl
Concen: 3.44 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:172 Resp: 57496

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.7	19.8	29.6



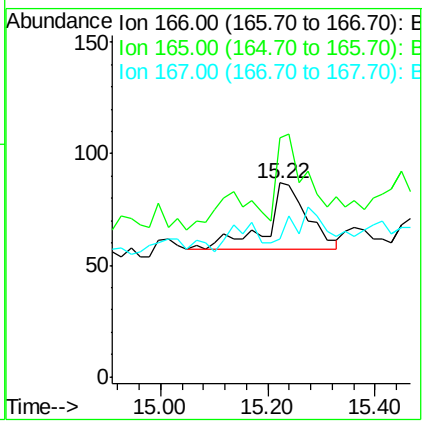


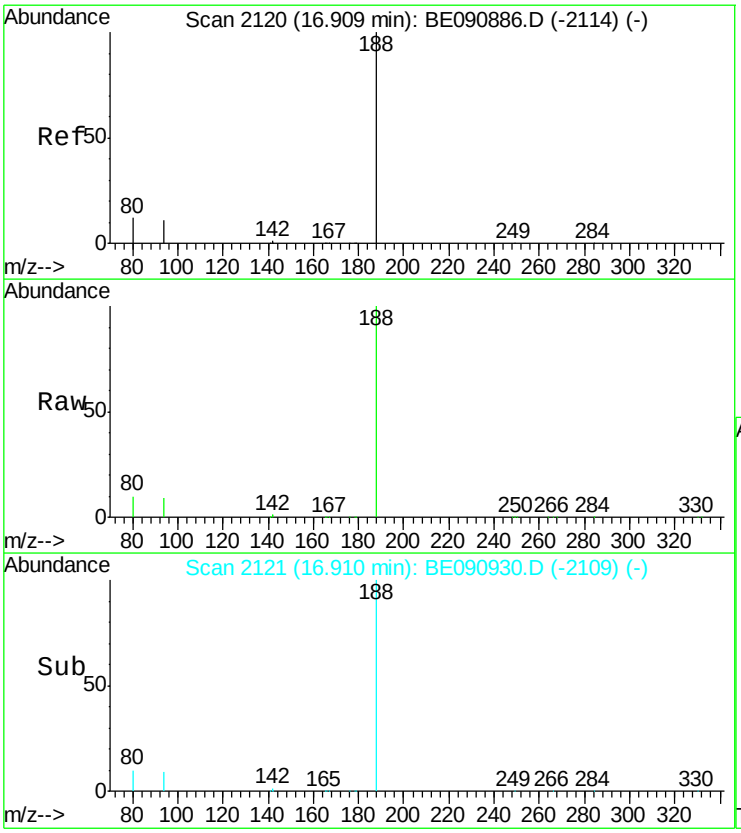
#18
Fluorene
Concen: Below Cal
RT: 15.22 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion:166 Resp: 163

Ion	Ratio	Lower	Upper
166	100		
165	74.2	82.7	124.1#
167	0.0	10.7	16.1#

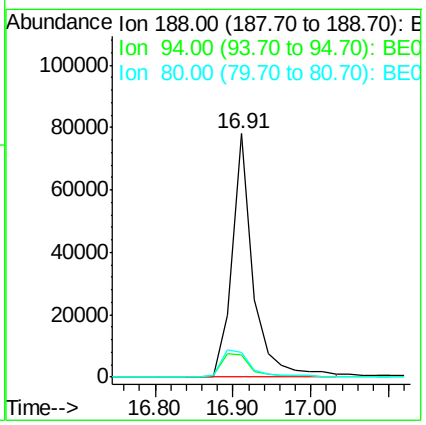


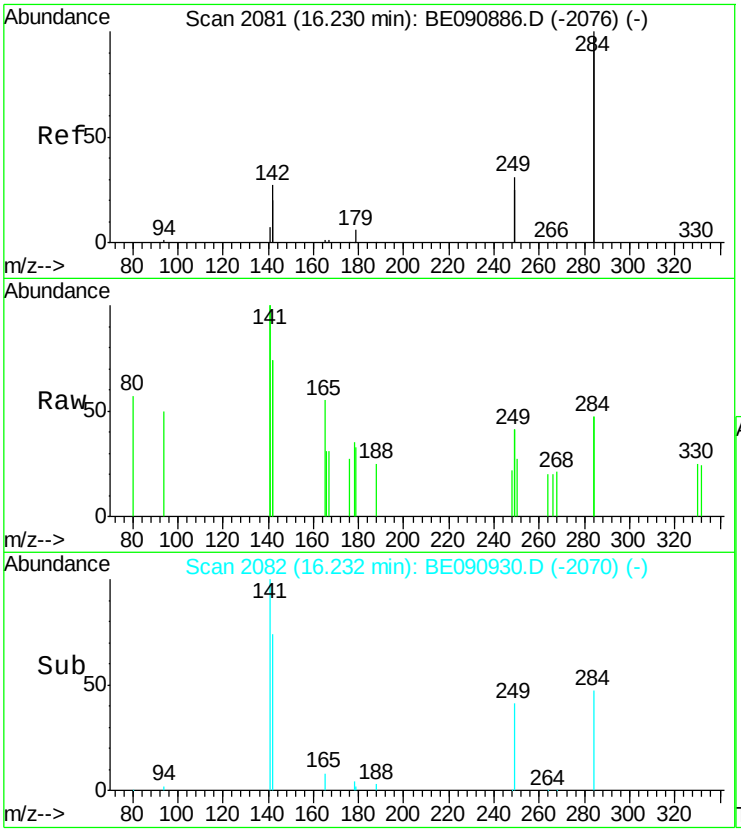


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:188 Resp: 146626

Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.3	15.5#
80	10.3	11.0	16.6#



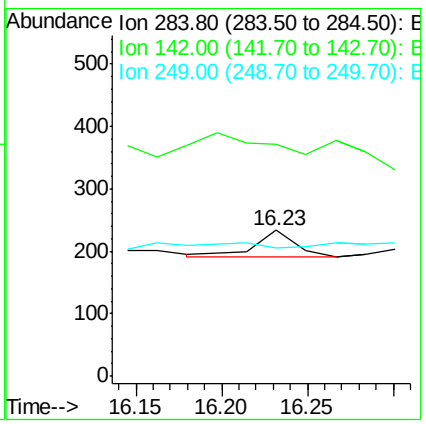


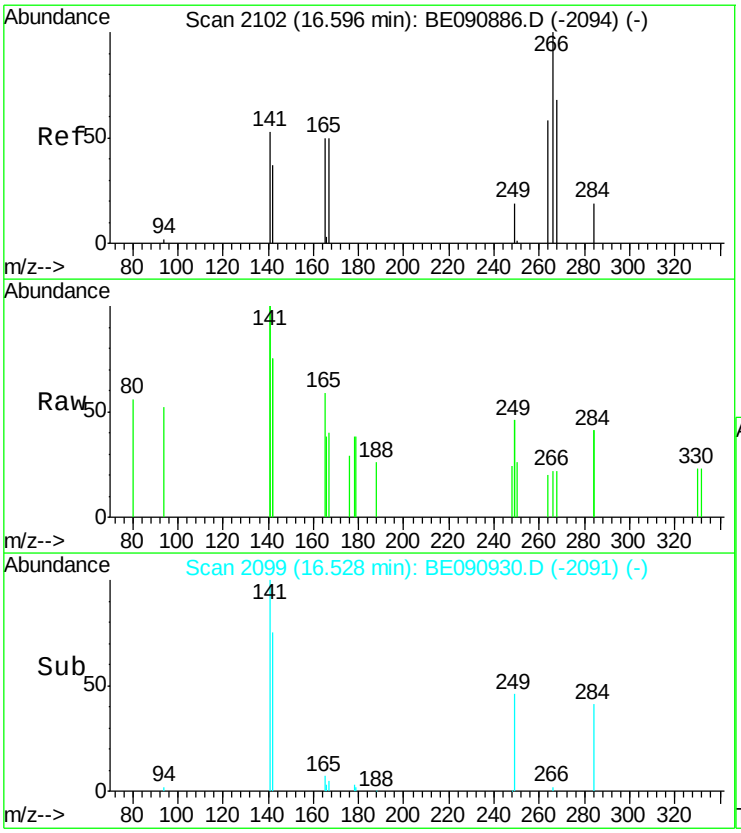
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion:284 Resp: 69

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	0.0	25.5	38.3#

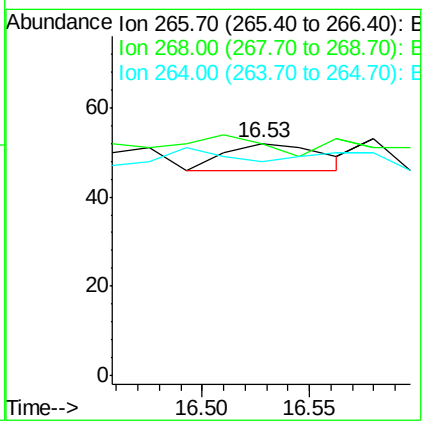


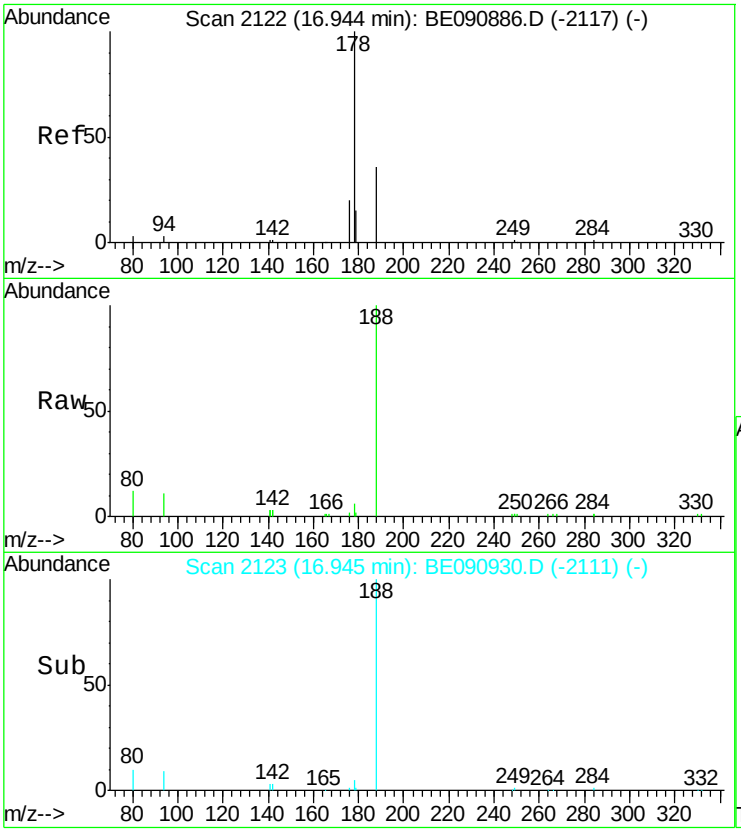


#22
Pentachlorophenol
Concen: 0.18 ng
RT: 16.53 min Scan# 2099
Delta R.T. -0.07 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
268	100.0	49.6	74.4#
264	92.3	53.9	80.9#



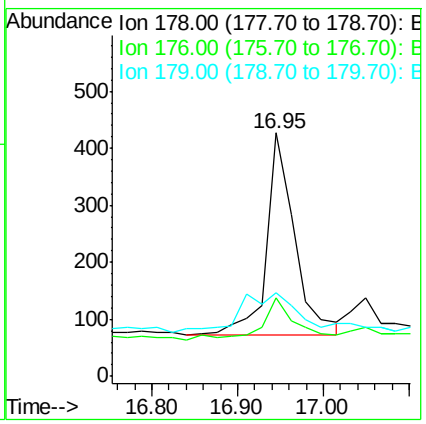


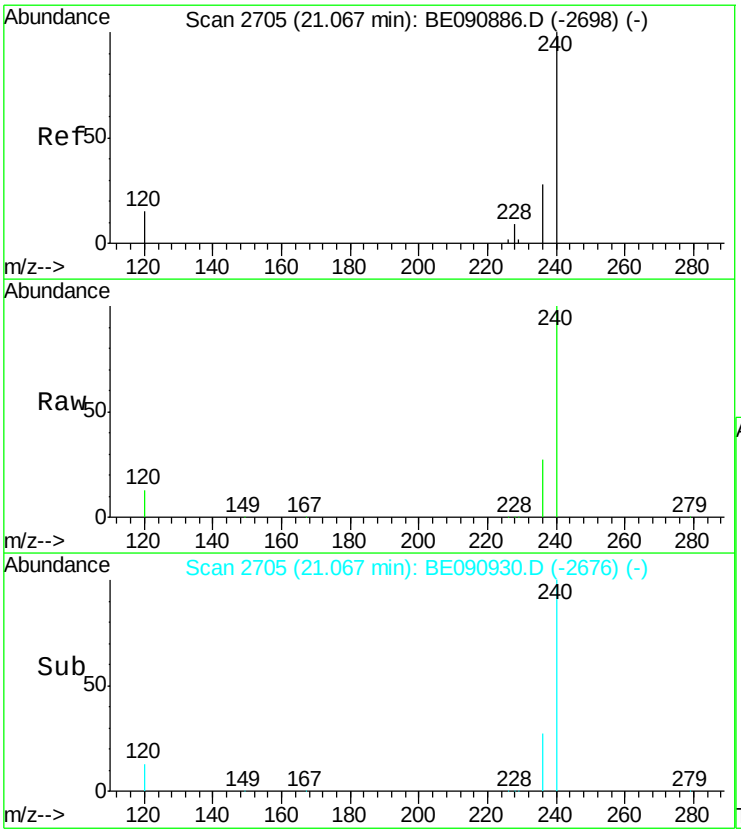
#23
Phenanthrene
Concen: Below Cal
RT: 16.95 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion:178 Resp: 816

Ion	Ratio	Lower	Upper
178	100		
176	25.5	15.6	23.4#
179	41.3	12.8	19.2#

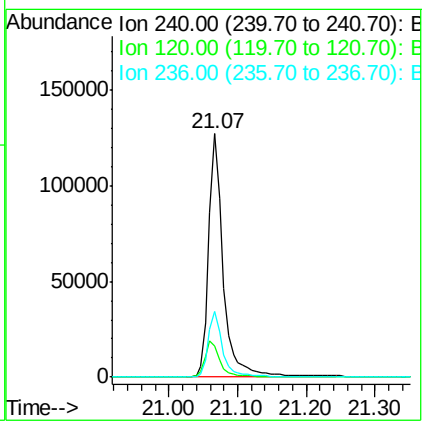


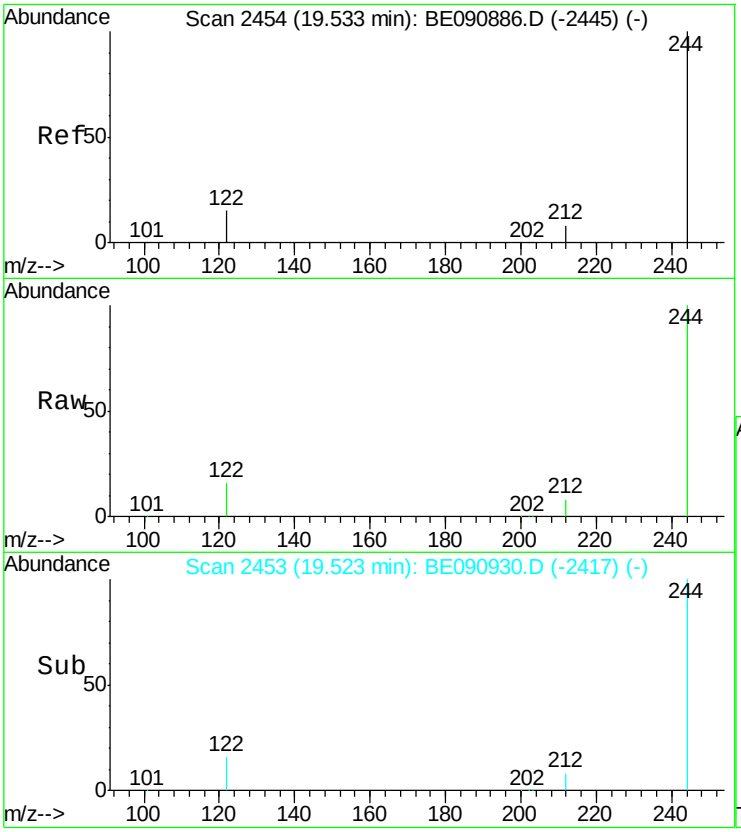


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:240 Resp: 188499

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.1	15.1
236	26.8	21.9	32.9



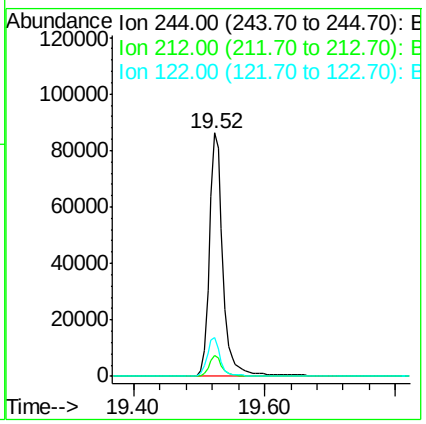


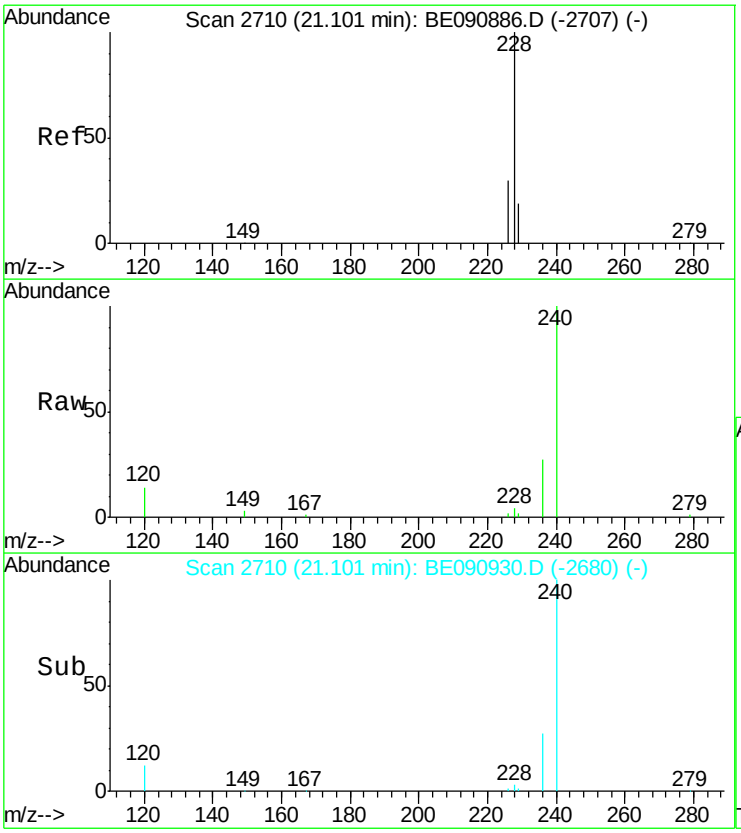
#28
Terphenyl-d14
Concen: 5.82 ng
RT: 19.52 min Scan# 2453
Delta R.T. -0.01 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion:244 Resp: 123780

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	16.1	12.9	19.3

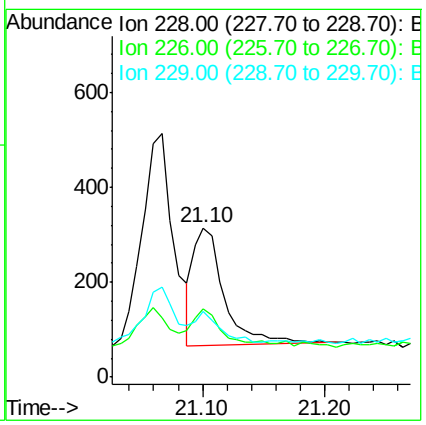


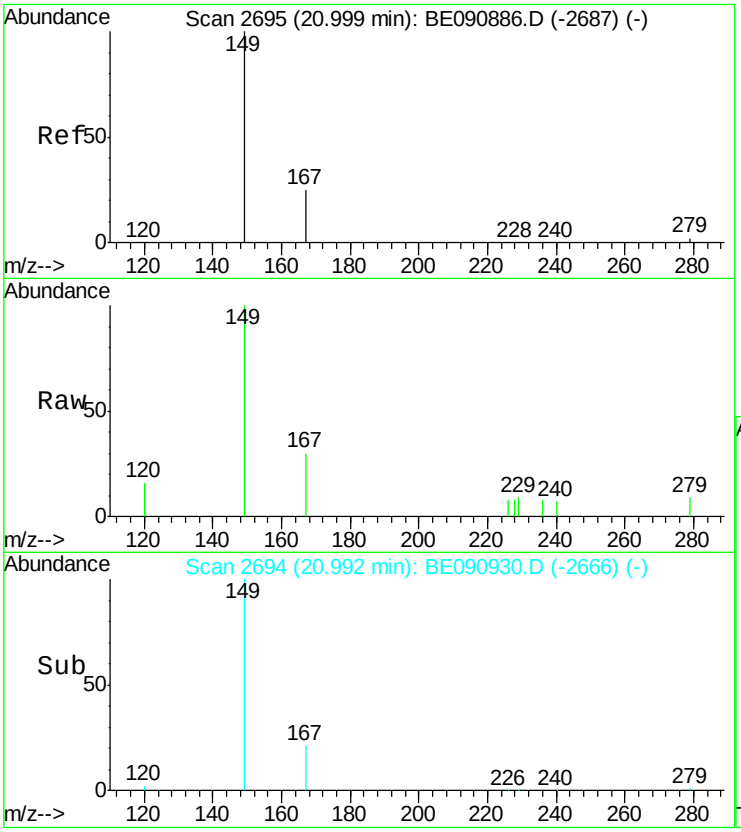


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:228 Resp: 427

Ion	Ratio	Lower	Upper
228	100		
226	45.9	24.2	36.4#
229	44.6	15.3	22.9#



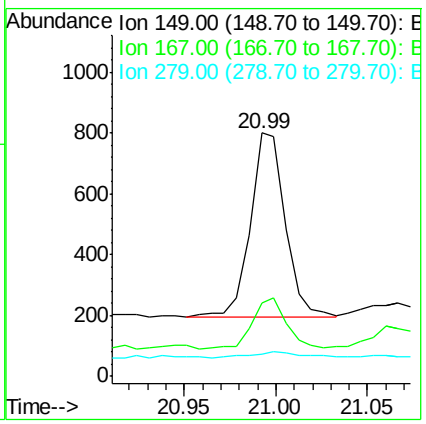


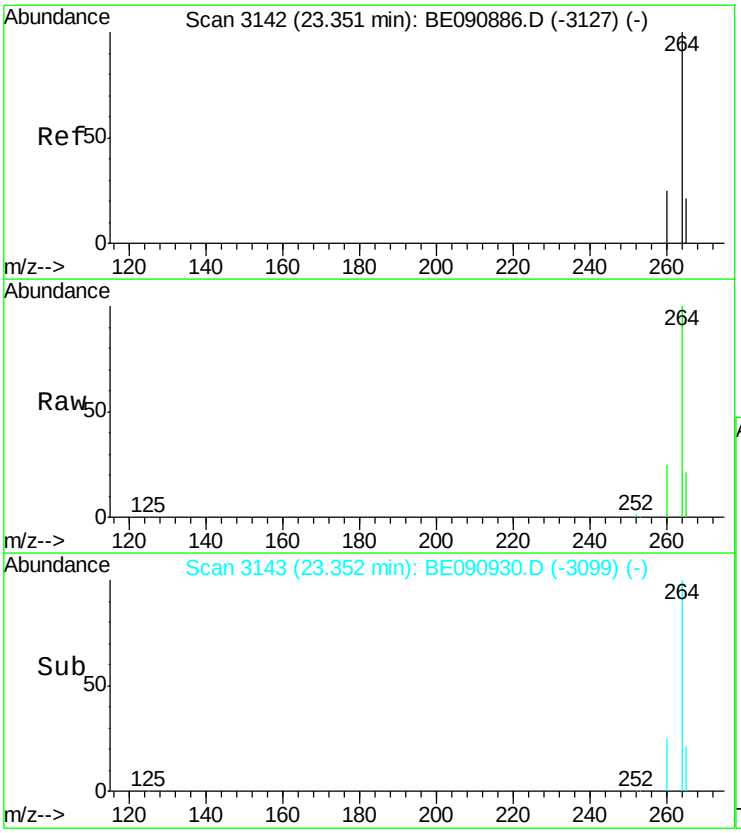
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.21 ng
RT: 20.99 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-U-S

Tgt Ion:149 Resp: 797

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.1	30.1
279	5.0	2.3	3.5#





#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BE090930.D
Acq: 21 Sep 2015 22:15

Tgt Ion:264 Resp: 173056

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.5	17.5	26.3