Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090926.D
Acq On : 21 Sep 2015 19:49
Operator : UM/IZ
Sample : G3745-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091715-D534-F-D-M

Quant Time: Sep 22 00:43:04 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	26042	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	109693	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	58432	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	146622	5.00	ng	0.00
26) Chrysene-d12	21.07	240	184460	5.00	ng	0.00
33) Perylene-d12	23.35	264	170451	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	19106	3.25	ng	0.00
5) Phenol-d6	6.76	99	14828	1.83	ng	0.00
8) Nitrobenzene-d5	8.71	82	29913	3.96	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	14660	7.11	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	69443	4.19	ng	0.00
28) Terphenyl-d14	19.53	244	128275	6.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	66	Below Cal	#	1
3) n-Nitrosodimethylamine	3.44	42	22	Below Cal	#	6
6) bis(2-Chloroethyl)ether	6.98	93	11	Below Cal	#	1
10) Naphthalene	10.36	128	93	Below Cal	#	1
11) Hexachlorobutadiene	10.64	225	1	Below Cal	#	1
18) Fluorene	15.24	166	213	Below Cal	#	54
21) Hexachlorobenzene	16.23	284	257	Below Cal	#	65
22) Pentachlorophenol	16.63	266	40	0.19	ng #	59
23) Phenanthrene	16.94	178	817	Below Cal	#	82
29) Benzo(a)anthracene	21.06	228	1060	0.02	ng #	86
30) Chrysene	21.10	228	758	Below Cal	#	76
31) Bis(2-ethylhexyl)phthalate	20.99	149	1948	0.26	ng	100

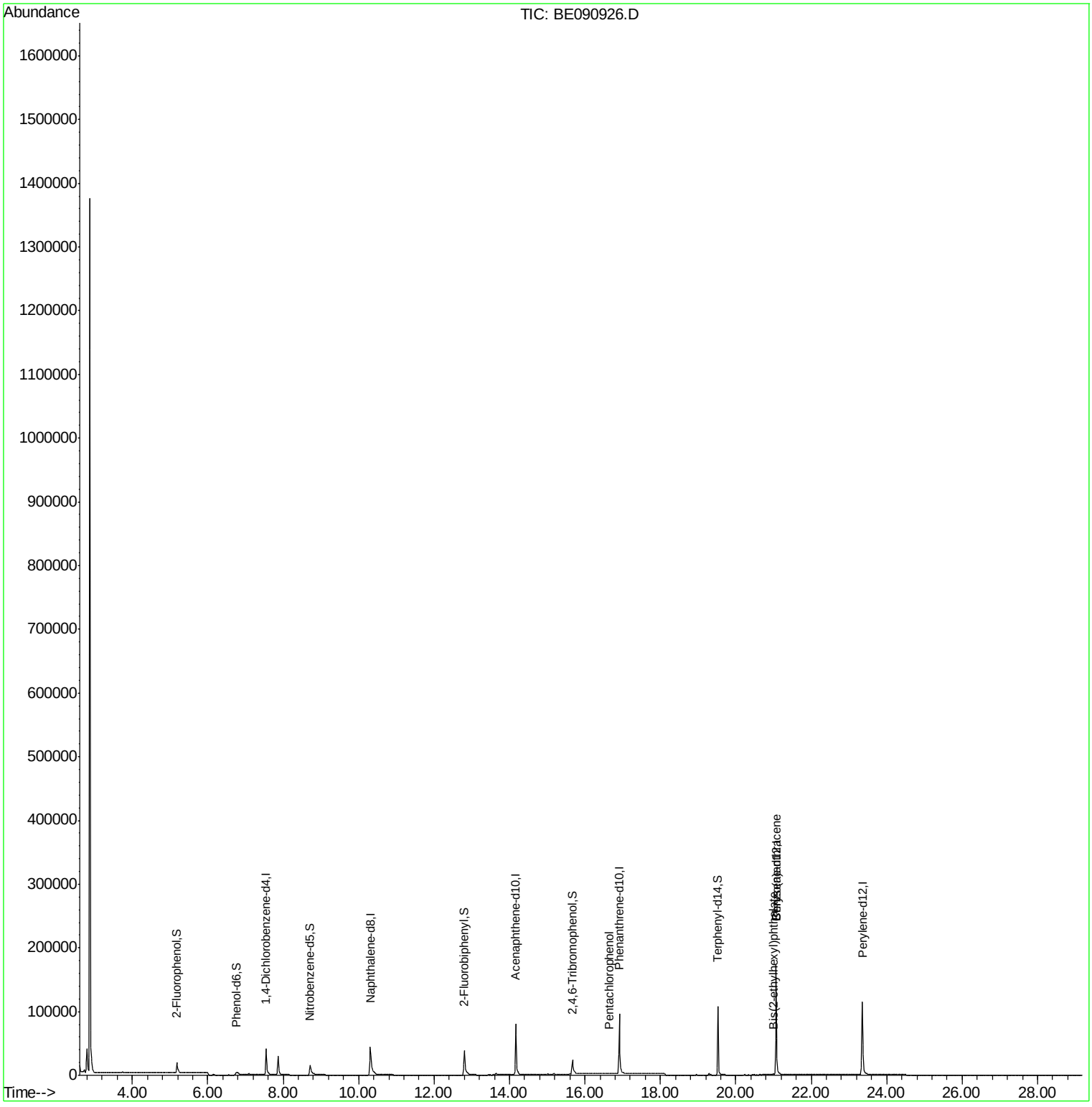
(#) = qualifier out of range (m) = manual integration (+) = signals summed

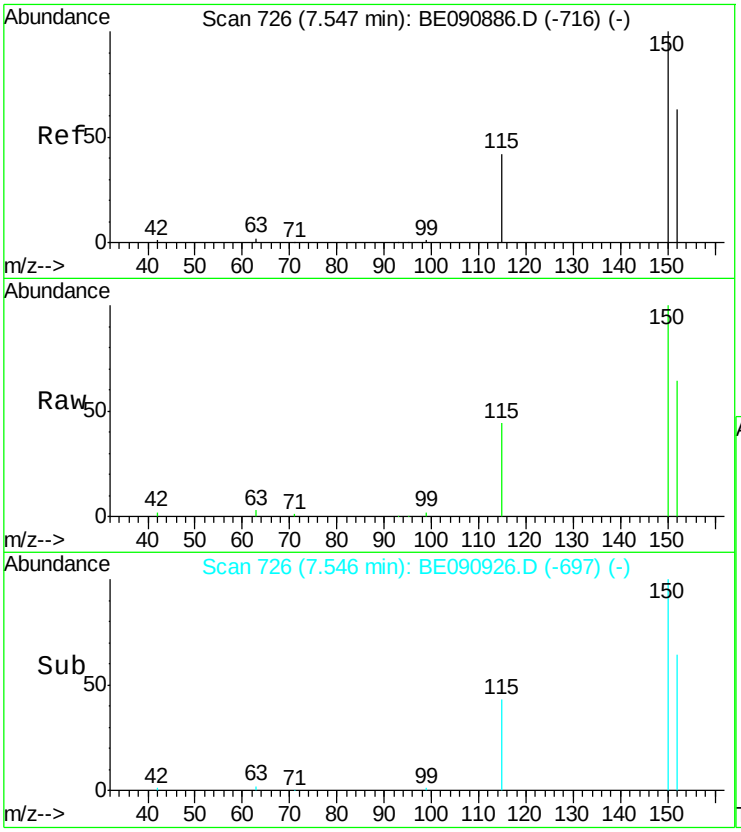
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090926.D
Acq On : 21 Sep 2015 19:49
Operator : UM/IZ
Sample : G3745-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Quant Time: Sep 22 00:43:04 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



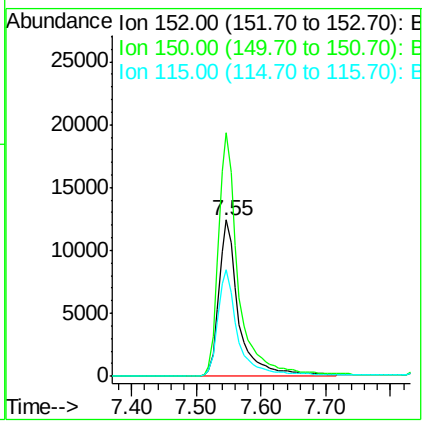


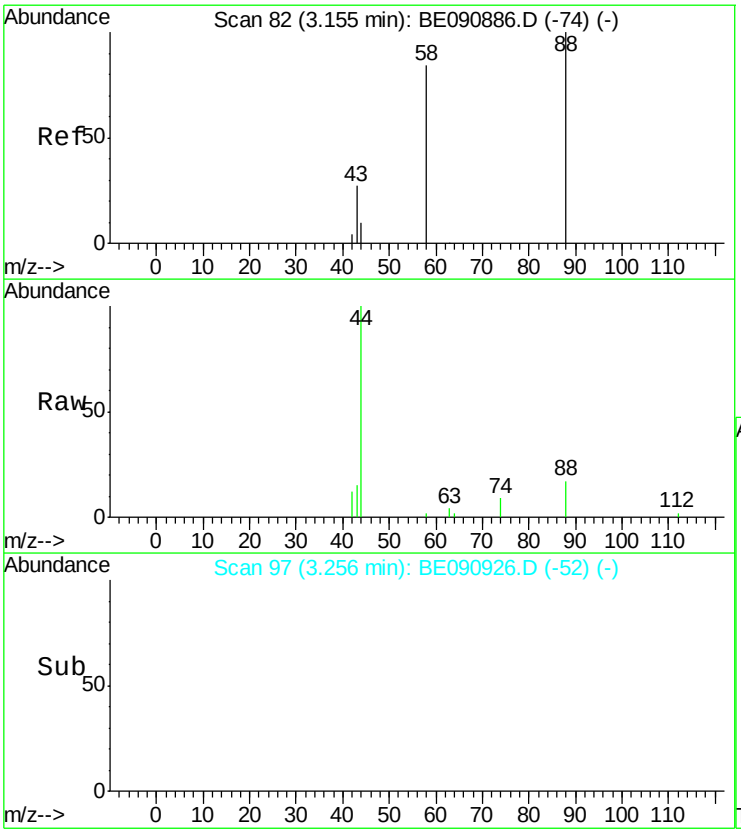
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:152 Resp: 26042

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.2	183.4
115	68.2	51.0	76.4

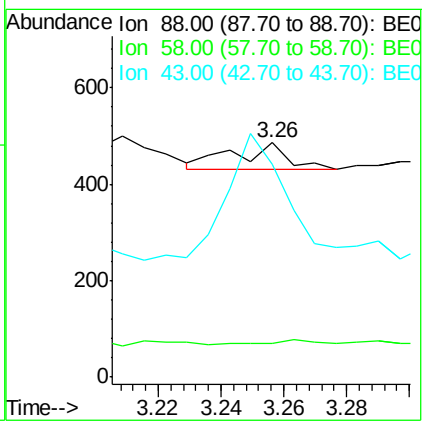


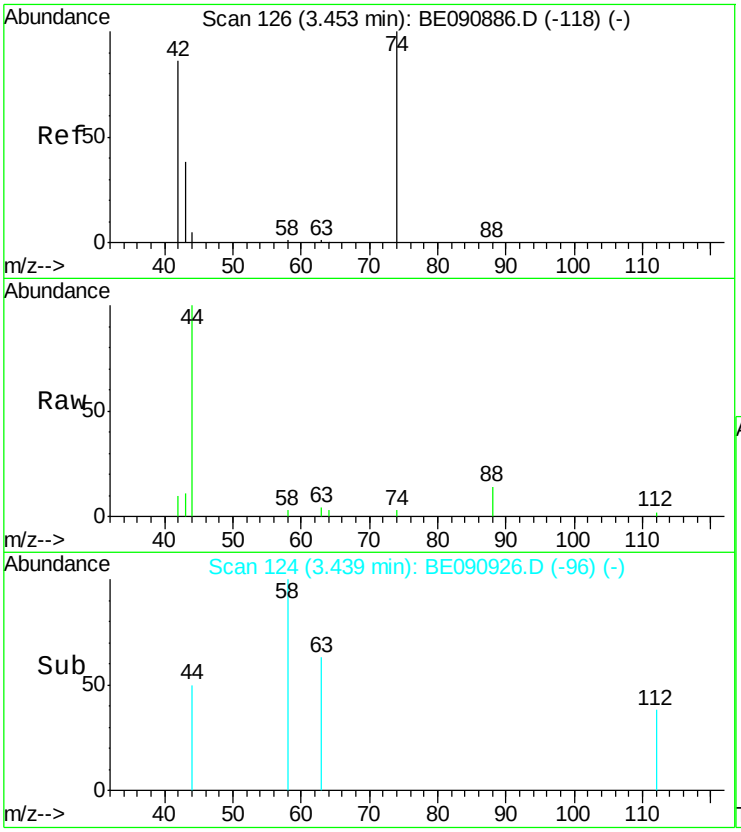


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 97
Delta R.T. 0.10 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
58	9.1	68.4	102.6#
43	586.4	26.9	40.3#



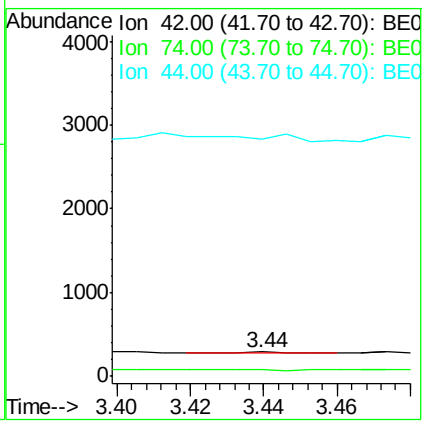


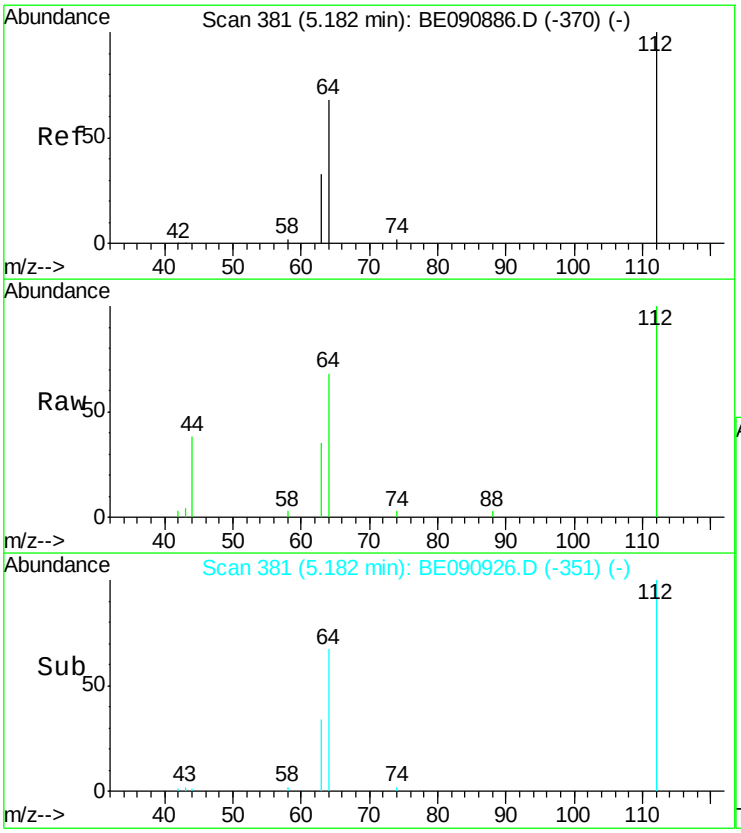
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion: 42 Resp: 22

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

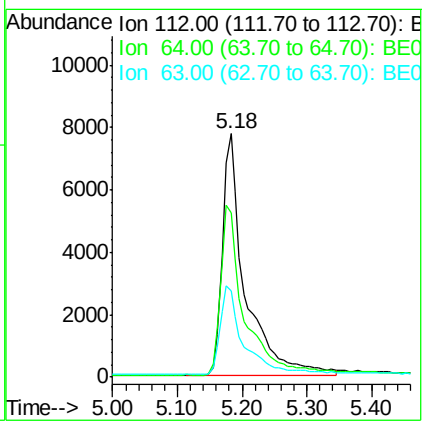


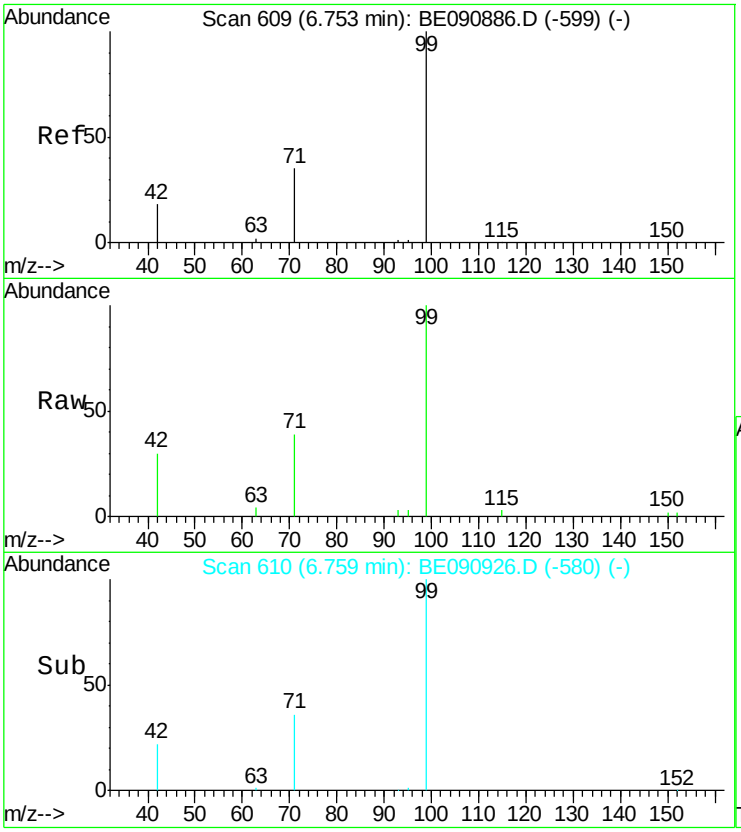


#4
2-Fluorophenol
Concen: 3.25 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:112 Resp: 19106

Ion	Ratio	Lower	Upper
112	100		
64	73.1	57.3	85.9
63	38.1	29.2	43.8



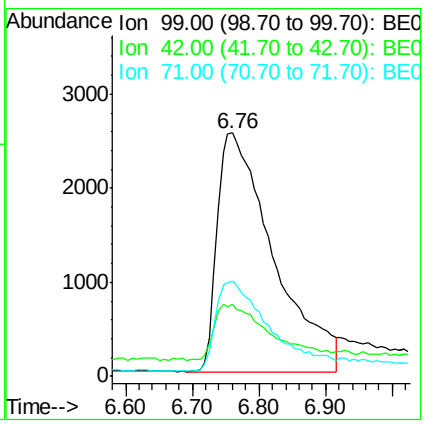


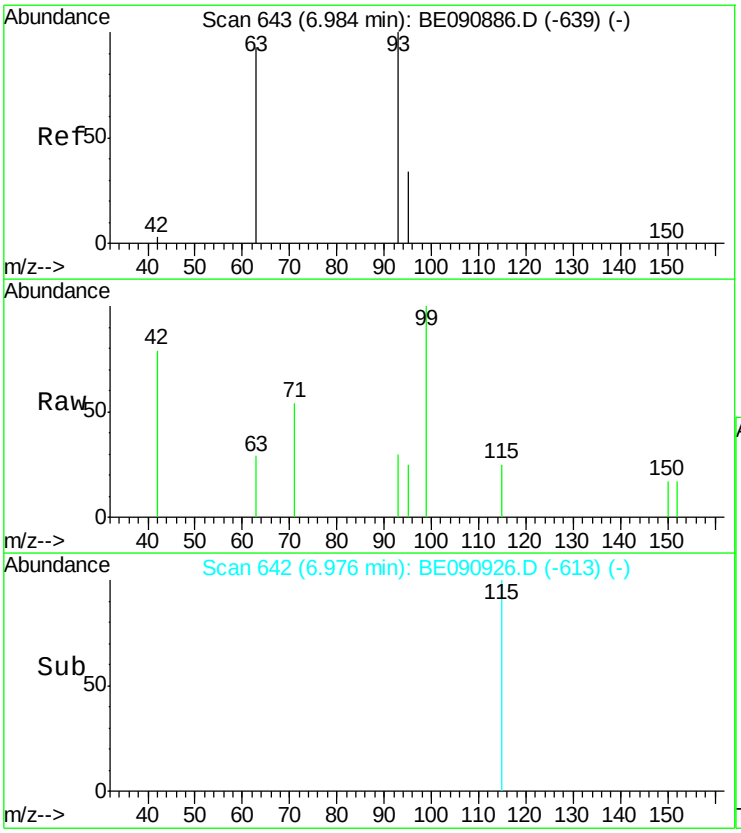
#5
Phenol-d6
Concen: 1.83 ng
RT: 6.76 min Scan# 610
Delta R.T. 0.01 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion: 99 Resp: 14828

Ion	Ratio	Lower	Upper
99	100		
42	23.4	16.8	25.2
71	36.6	28.3	42.5

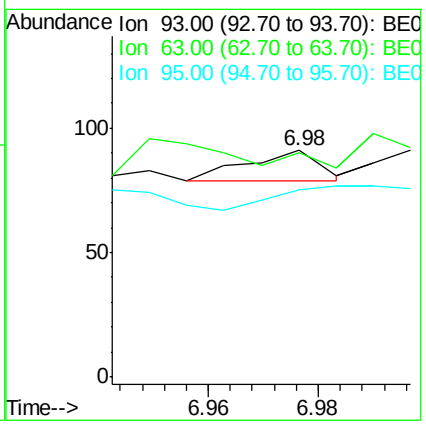


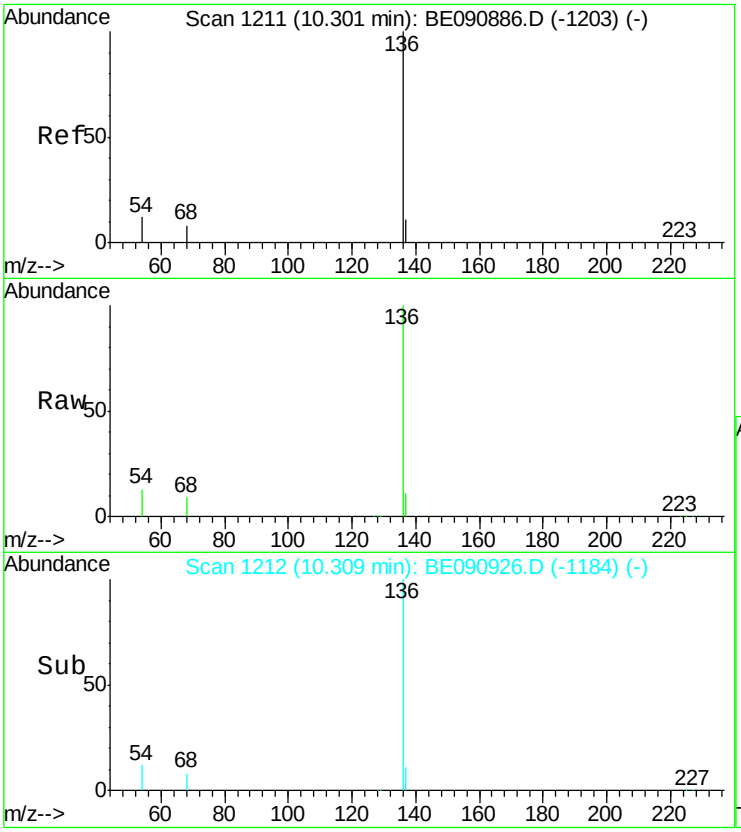


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 6.98 min Scan# 642
Delta R.T. -0.01 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion: 93 Resp: 11

Ion	Ratio	Lower	Upper
93	100		
63	218.2	68.5	102.7#
95	309.1	26.9	40.3#



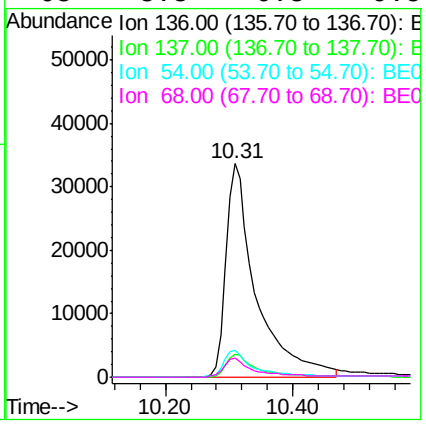


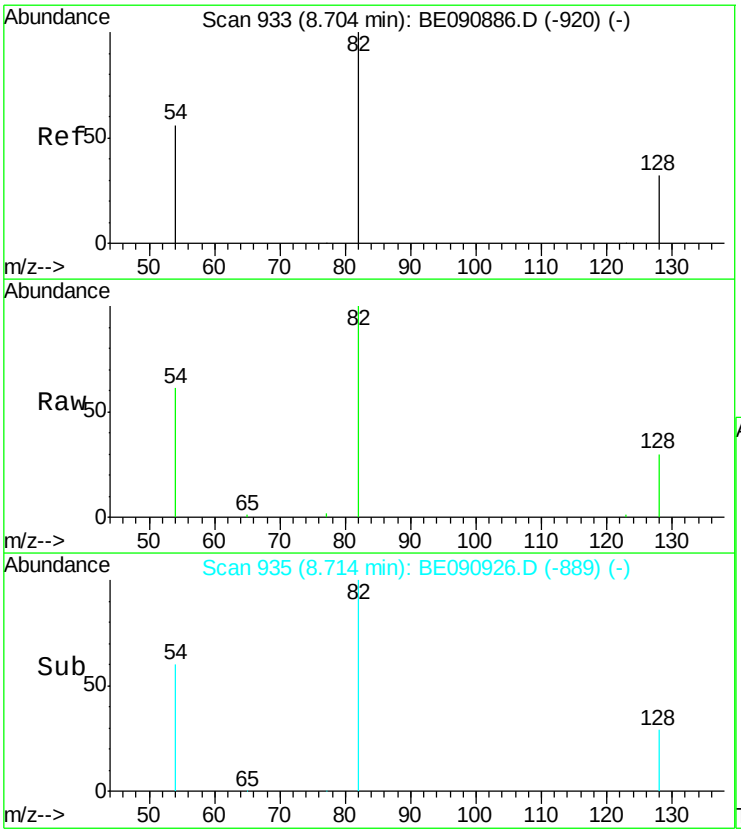
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:136 Resp: 109693

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.5	9.0	13.6
68	8.8	6.3	9.5

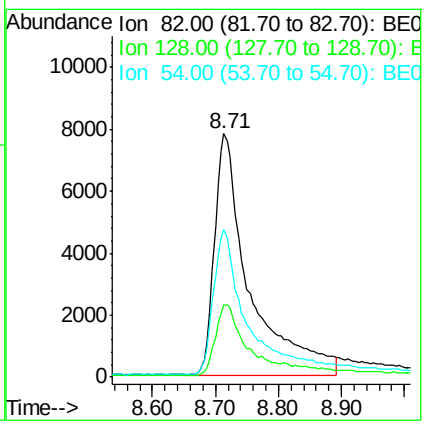


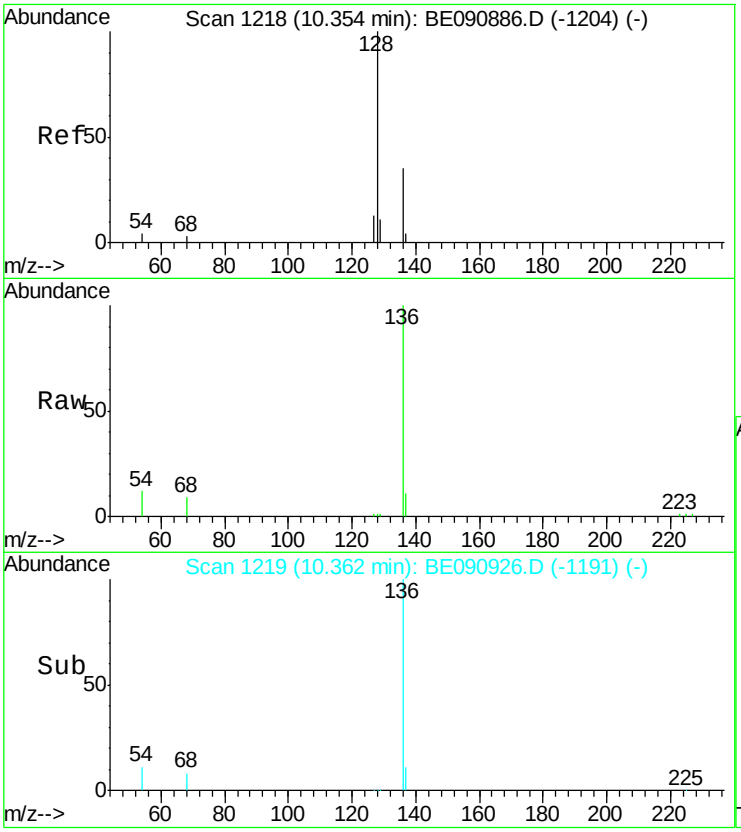


#8
Nitrobenzene-d5
Concen: 3.96 ng
RT: 8.71 min Scan# 935
Delta R.T. 0.01 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion: 82 Resp: 29913

Ion	Ratio	Lower	Upper
82	100		
128	29.8	25.0	37.4
54	60.7	46.3	69.5



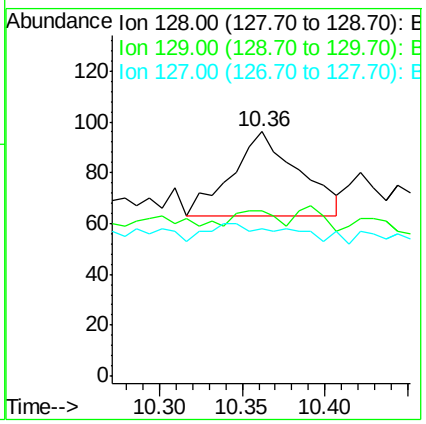


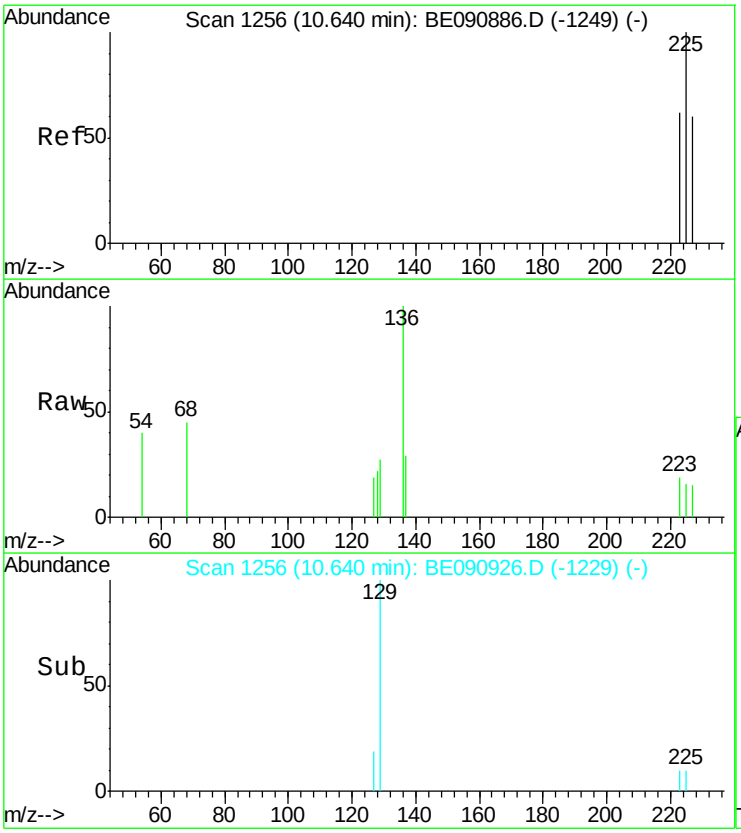
#10
Naphthalene
Concen: Below Cal
RT: 10.36 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:128 Resp: 93

Ion	Ratio	Lower	Upper
128	100		
129	67.7	8.4	12.6#
127	60.4	9.9	14.9#

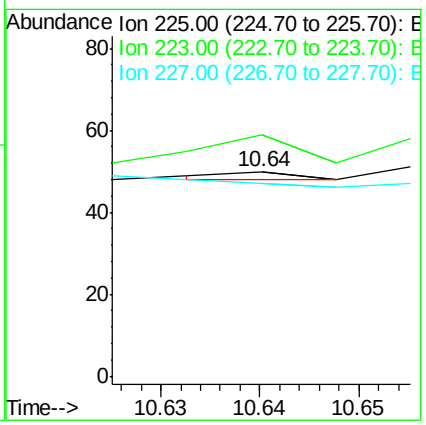


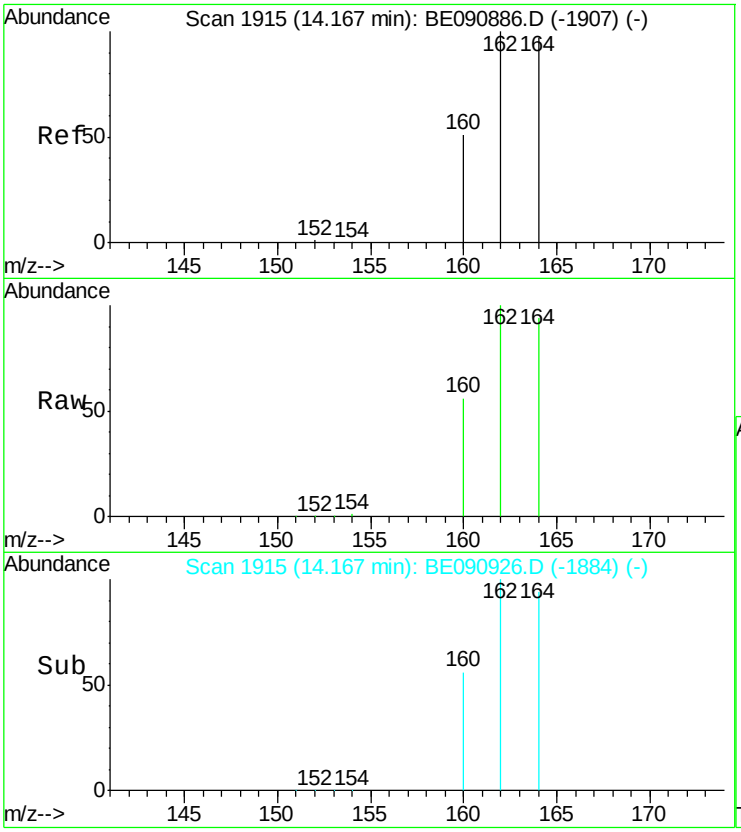


#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	500.0	50.6	76.0#
227	0.0	51.0	76.6#



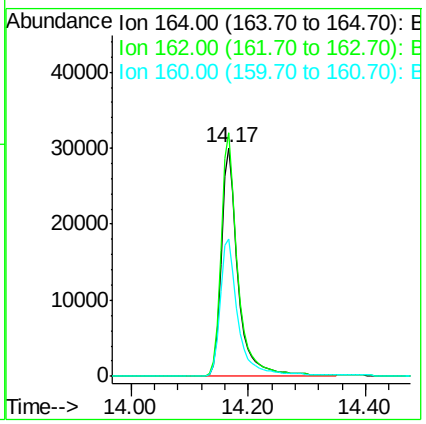


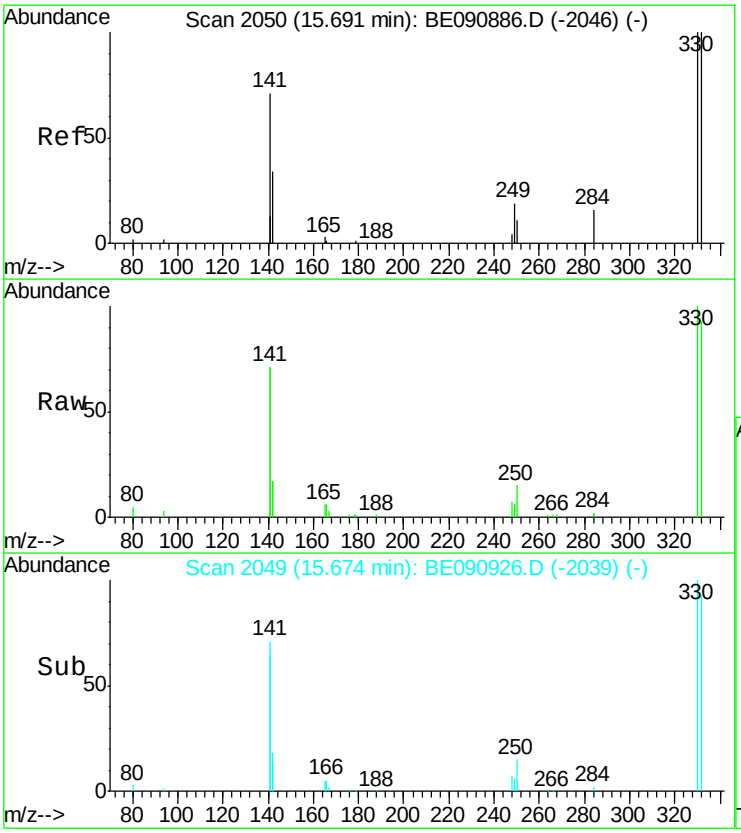
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:164 Resp: 58432

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.8	130.2
160	59.9	53.9	80.9

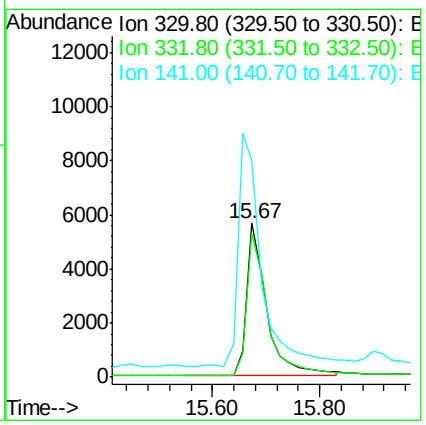


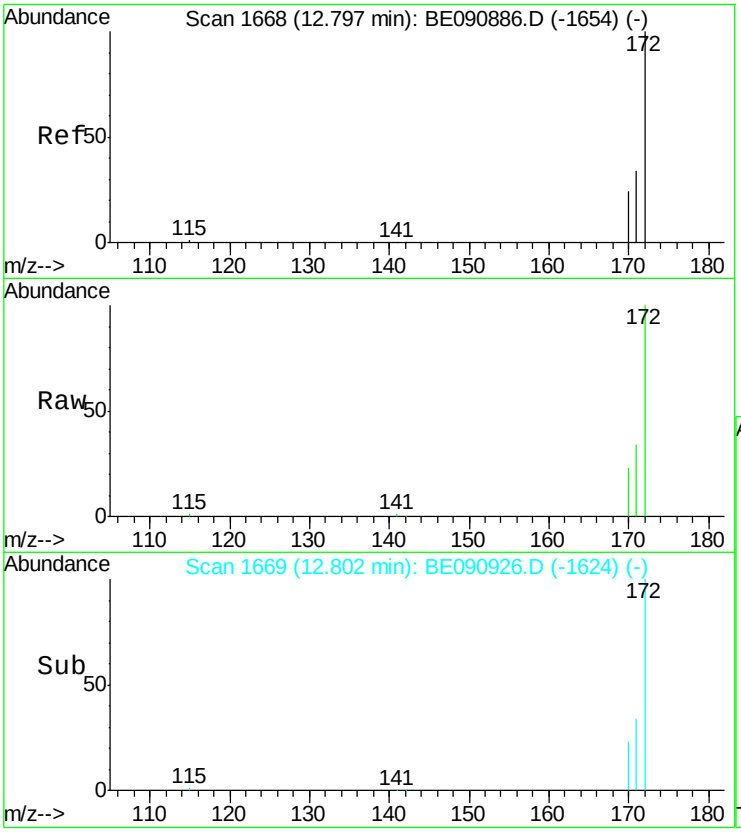


#14
2,4,6-Tribromophenol
Concen: 7.11 ng
RT: 15.67 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:330 Resp: 14660

Ion	Ratio	Lower	Upper
330	100		
332	96.7	74.9	112.3
141	178.5	145.2	217.8



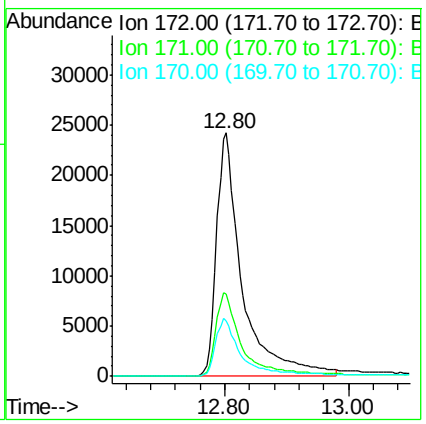


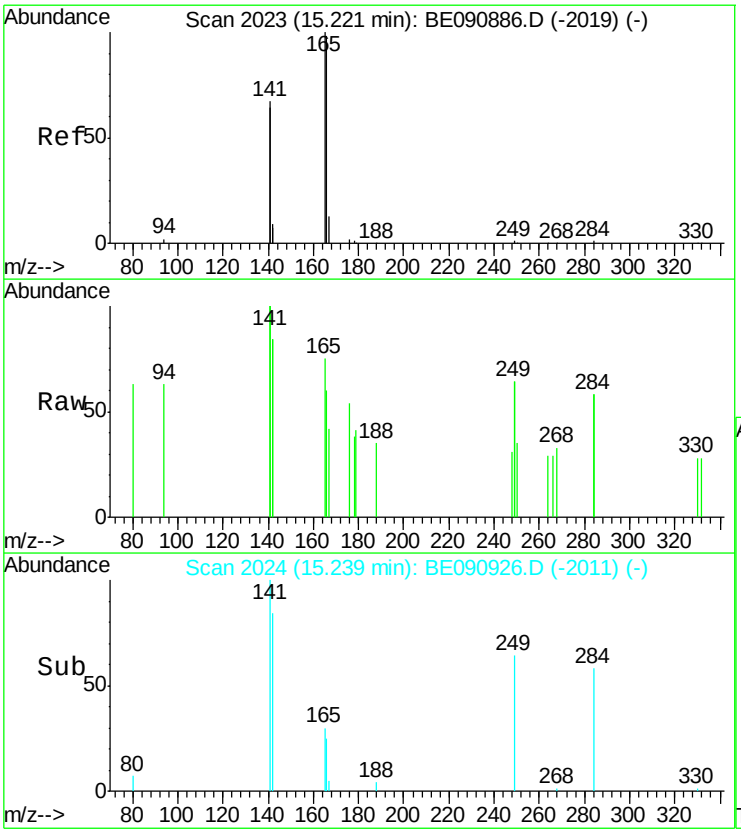
#15
2-Fluorobiphenyl
Concen: 4.19 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:172 Resp: 69443

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.8
170	23.0	19.8	29.6

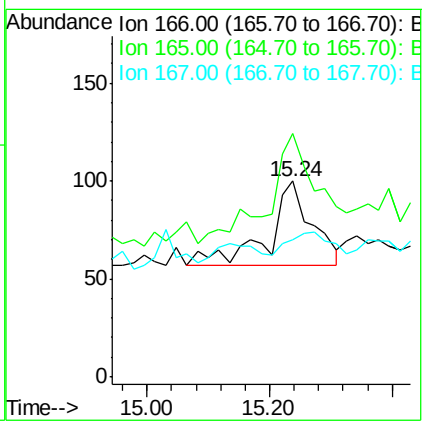


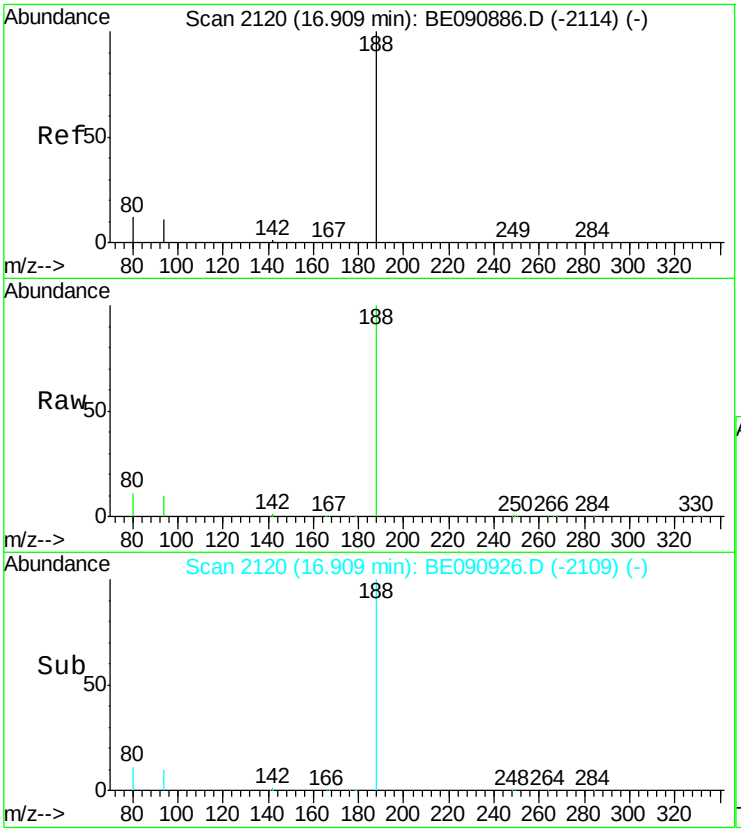


#18
Fluorene
Concen: Below Cal
RT: 15.24 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:166 Resp: 213

Ion	Ratio	Lower	Upper
166	100		
165	152.1	82.7	124.1#
167	0.0	10.7	16.1#



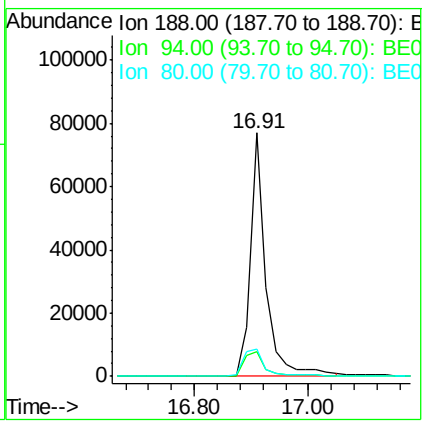


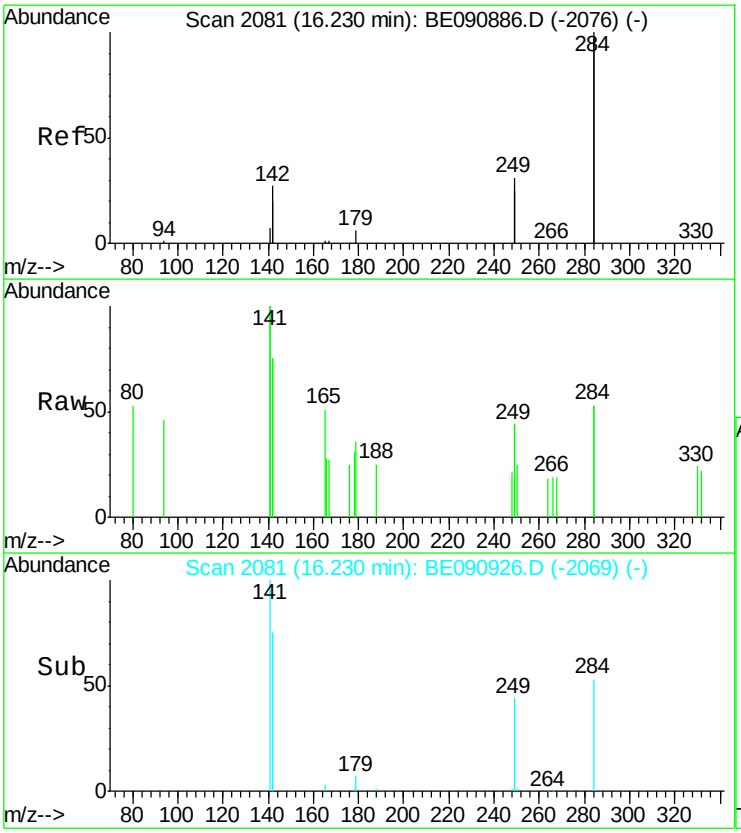
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:188 Resp: 146622

Ion	Ratio	Lower	Upper
188	100		
94	10.3	10.3	15.5#
80	11.4	11.0	16.6

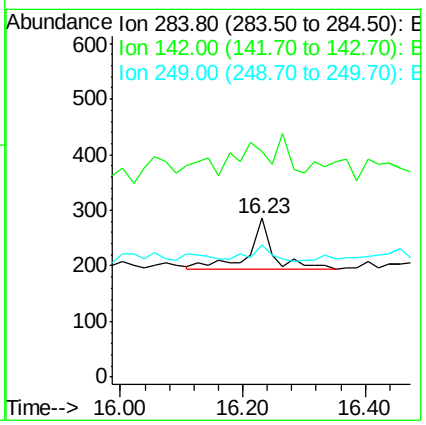


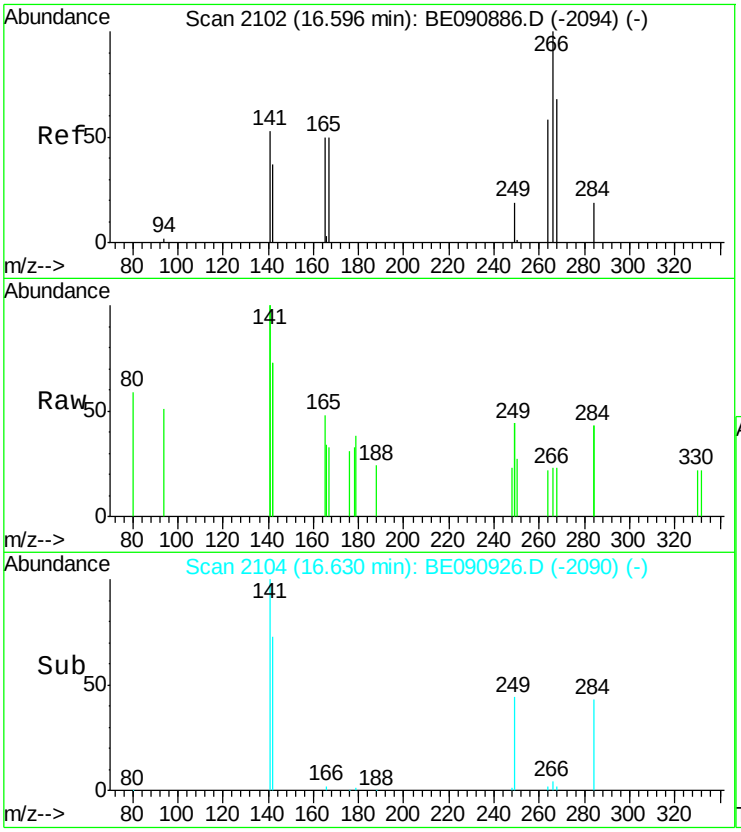


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:284 Resp: 257

Ion	Ratio	Lower	Upper
284	100		
142	78.6	35.0	52.4#
249	26.8	25.5	38.3



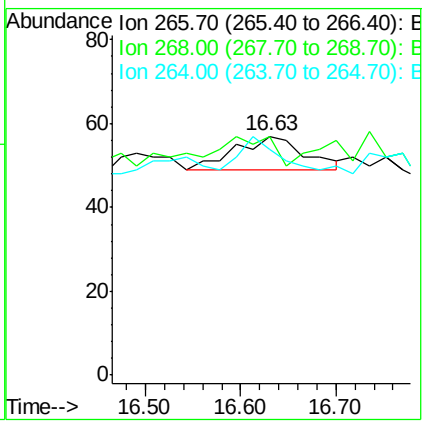


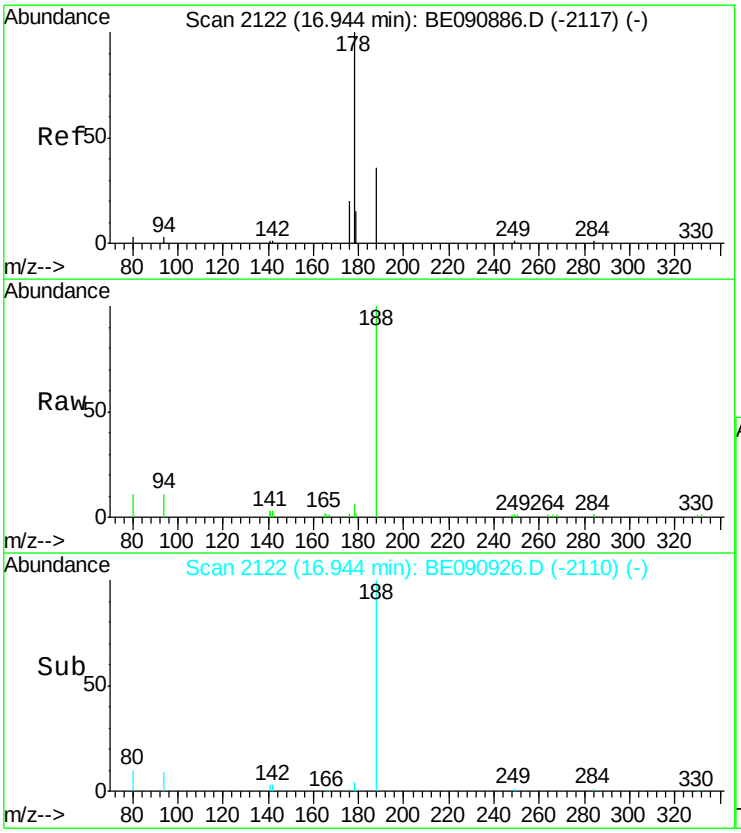
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.63 min Scan# 2104
Delta R.T. 0.04 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:266 Resp: 40

Ion	Ratio	Lower	Upper
266	100		
268	100.0	49.6	74.4#
264	94.7	53.9	80.9#

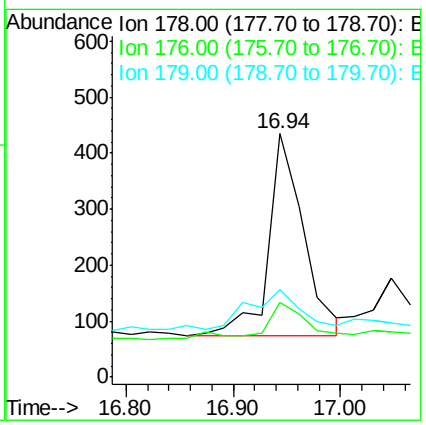


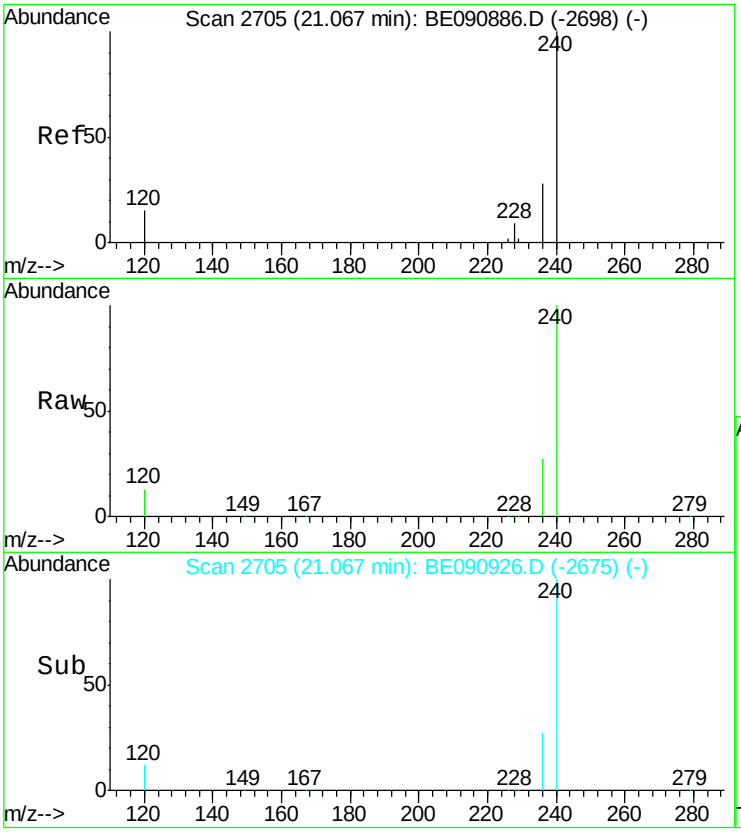


#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:178 Resp: 817

Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.6	23.4
179	29.9	12.8	19.2#



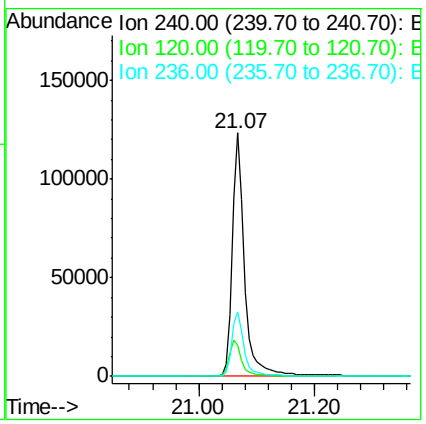


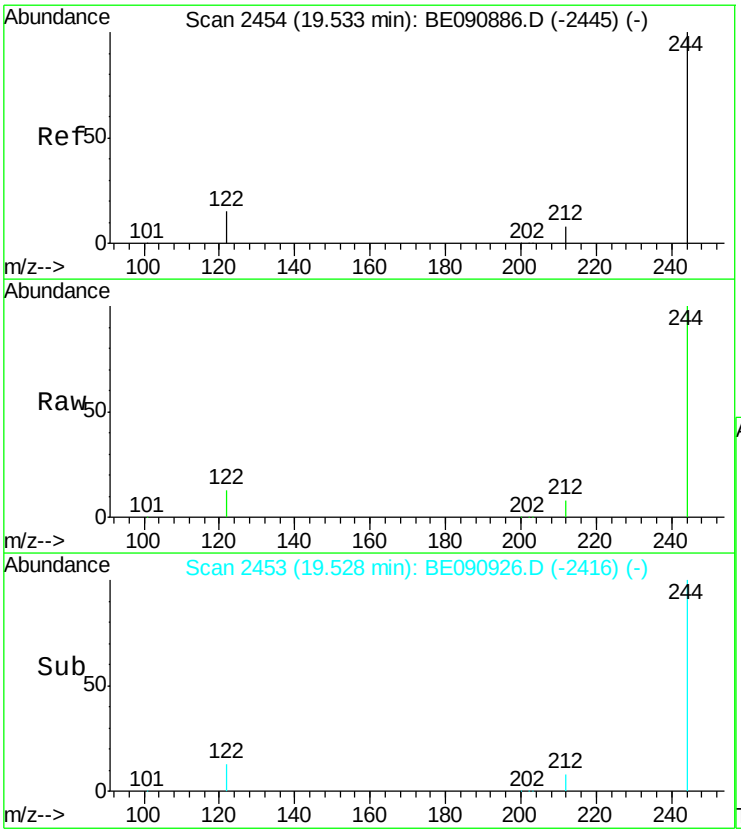
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:240 Resp: 184460

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	26.7	21.9	32.9

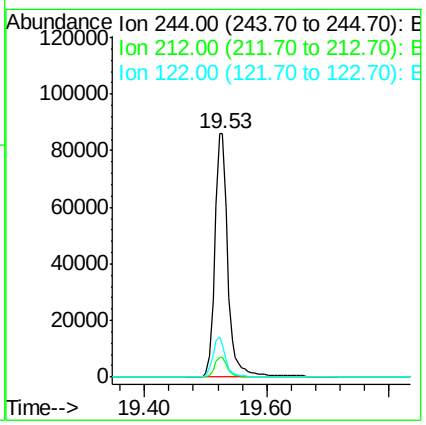


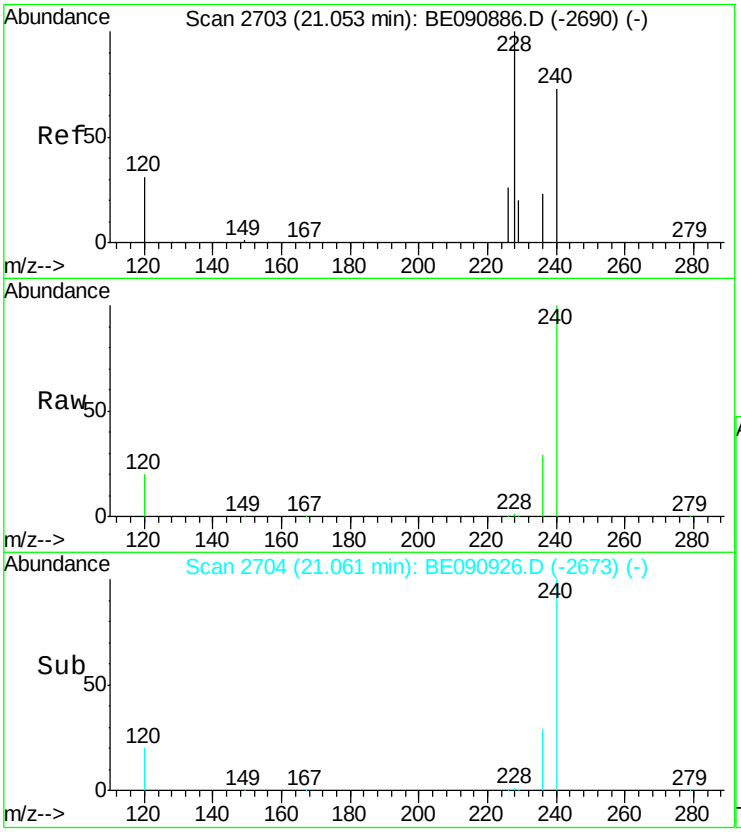


#28
Terphenyl-d14
Concen: 6.16 ng
RT: 19.53 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:244 Resp: 128275

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	13.1	12.9	19.3



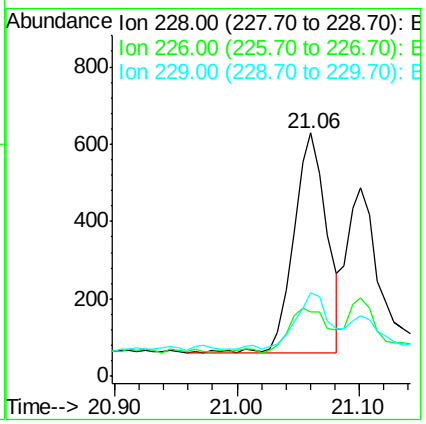


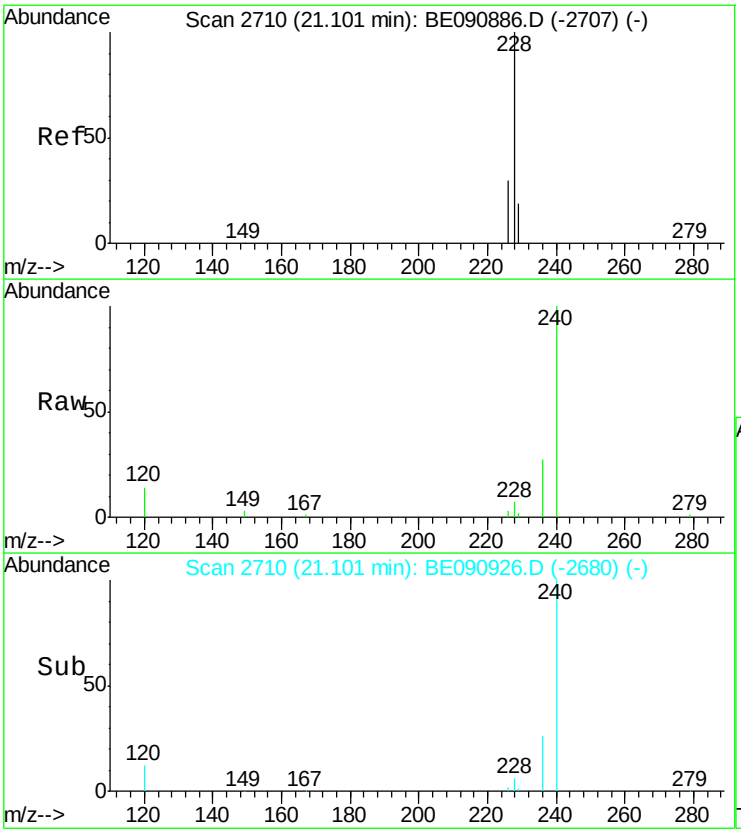
#29
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.06 min Scan# 2704
Delta R.T. 0.01 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:228 Resp: 1060

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.6	32.4
229	34.2	15.9	23.9#

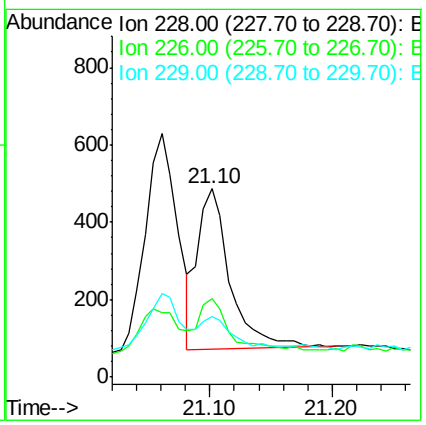


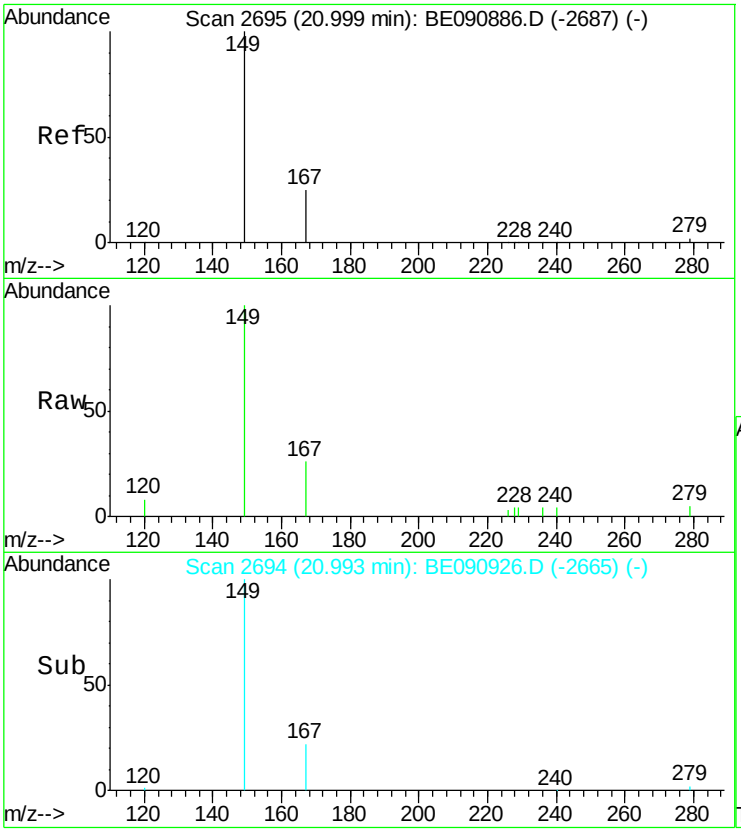


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:228 Resp: 758

Ion	Ratio	Lower	Upper
228	100		
226	41.5	24.2	36.4#
229	32.2	15.3	22.9#



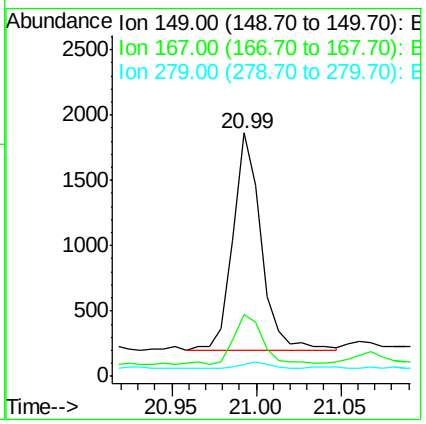


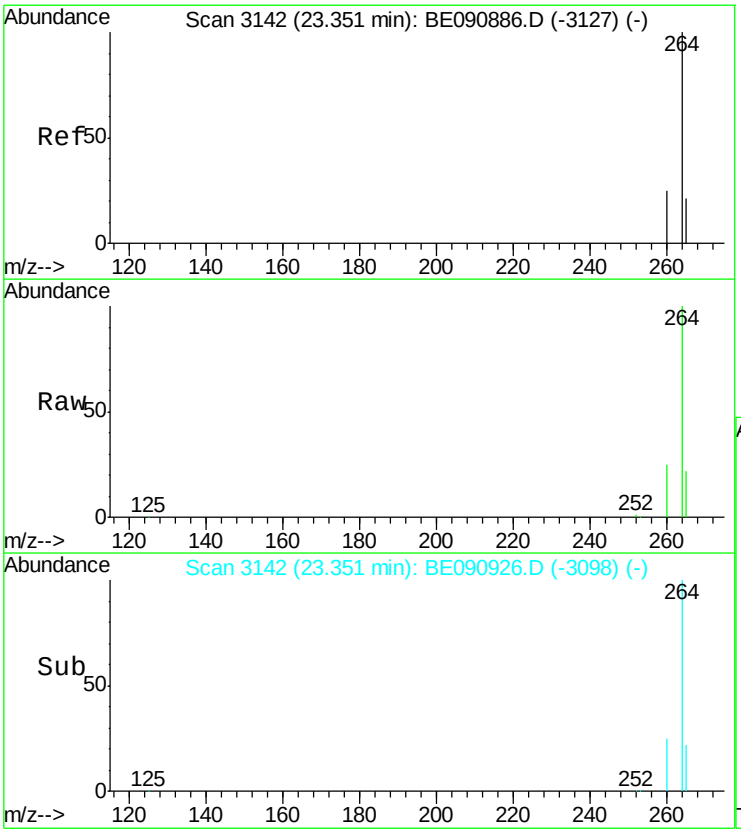
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 20.99 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Instrument :
BNA_E
ClientSampleId :
091715-D534-F-D-M

Tgt Ion:149 Resp: 1948

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.1	30.1
279	2.8	2.3	3.5





#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090926.D
Acq: 21 Sep 2015 19:49

Tgt Ion:264 Resp: 170451

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	22.0	17.5	26.3