Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
Data File : BE090954.D
Acq On : 23 Sep 2015 18:10
Operator : UM/IZ
Sample : G3746-03RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091715-D549-F-D-BRE

Quant Time: Sep 24 01:14:20 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	7.53	152	60511	5.00	ng	-0.01
7) Naphthalene-d8	10.30	136	271315	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	160520	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	366989	5.00	ng	0.00
26) Chrysene-d12	21.07	240	448672	5.00	ng	0.00
33) Perylene-d12	23.35	264	405985	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	22580	1.63	ng	-0.01
5) Phenol-d6	6.79	99	14344	0.76	ng	0.03
8) Nitrobenzene-d5	8.71	82	33853	1.81	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	24929	4.40	ng	-0.02
15) 2-Fluorobiphenyl	12.79	172	88600	1.95	ng	0.00
28) Terphenyl-d14	19.52	244	165258	3.23	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.49	42	10	Below Cal	#	83
6) bis(2-Chloroethyl)ether	6.97	93	9	Below Cal	#	1
10) Naphthalene	10.35	128	269	Below Cal	#	26
11) Hexachlorobutadiene	10.65	225	8	Below Cal	#	59
18) Fluorene	15.22	166	198	Below Cal	#	94
21) Hexachlorobenzene	16.23	284	79	Below Cal	#	1
22) Pentachlorophenol	16.63	266	92	0.19	ng	# 61
23) Phenanthrene	16.94	178	1413	Below Cal	#	81
30) Chrysene	21.10	228	1920	Below Cal	#	92
31) Bis(2-ethylhexyl)phthalate	20.99	149	11115	0.38	ng	100
34) Benzo(b)fluoranthene	22.66	252	2276	0.02	ng	# 55

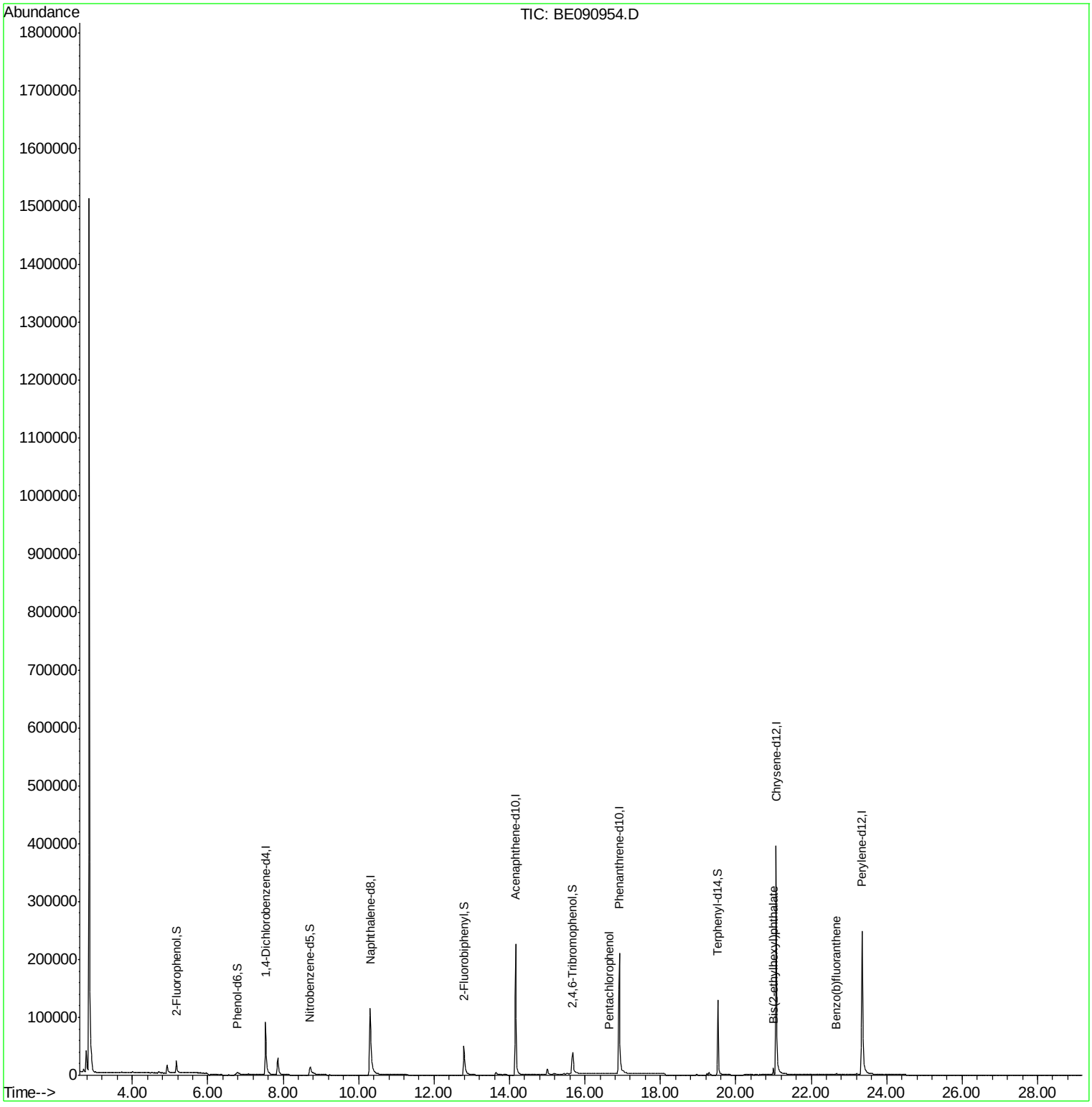
(#) = qualifier out of range (m) = manual integration (+) = signals summed

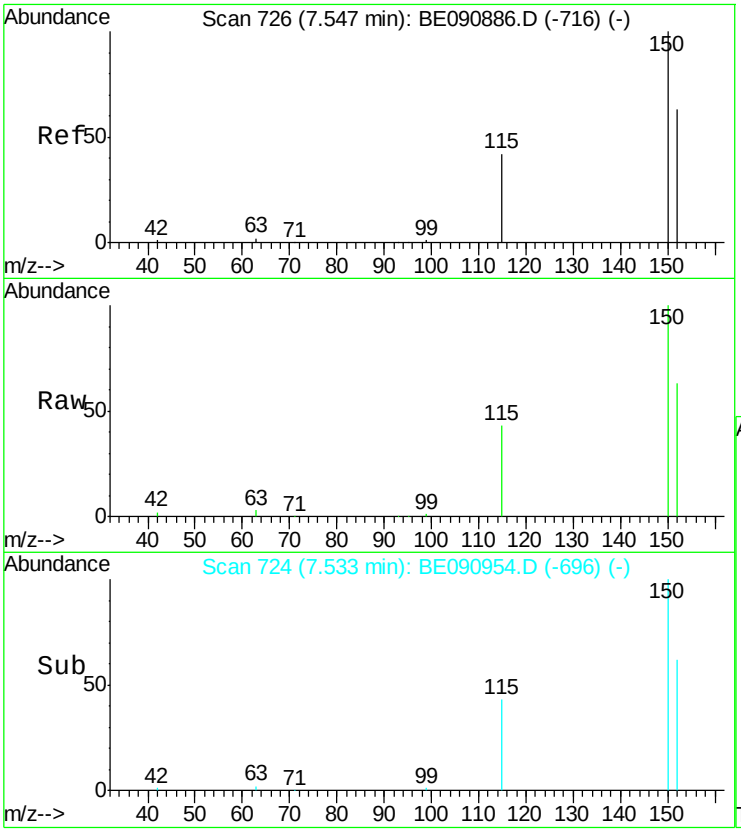
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
Data File : BE090954.D
Acq On : 23 Sep 2015 18:10
Operator : UM/IZ
Sample : G3746-03RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Quant Time: Sep 24 01:14:20 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



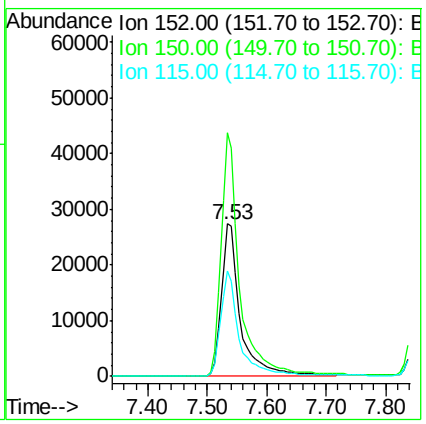


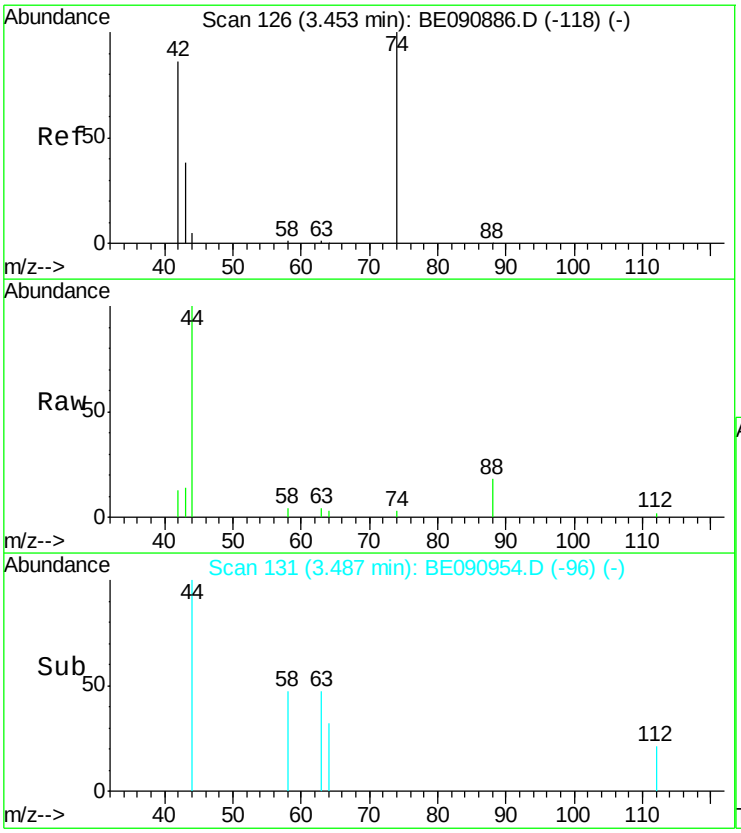
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 724
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:152 Resp: 60511

Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.2	183.4
115	68.8	51.0	76.4

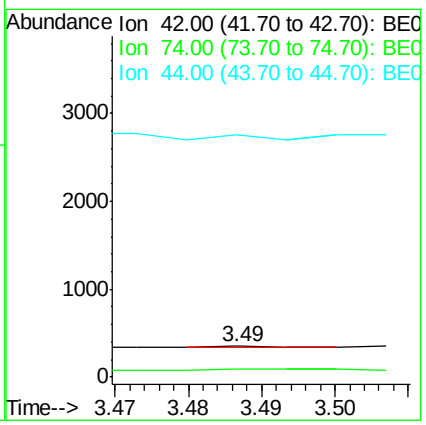


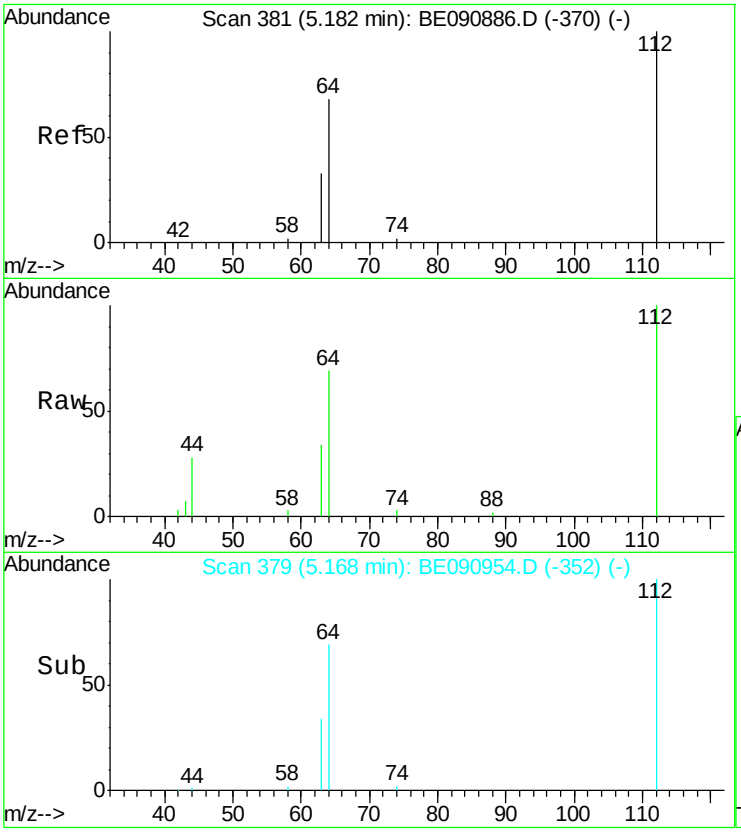


#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.49 min Scan# 131
Delta R.T. 0.03 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	120.0	83.7	125.5
44	0.0	10.0	15.0#



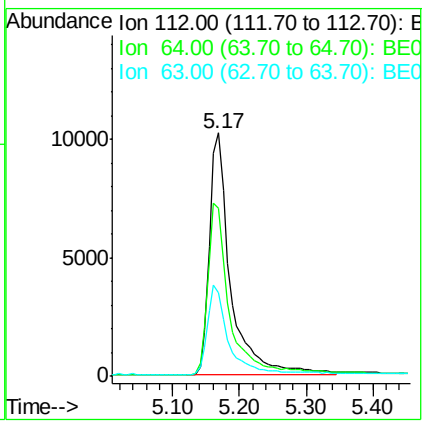


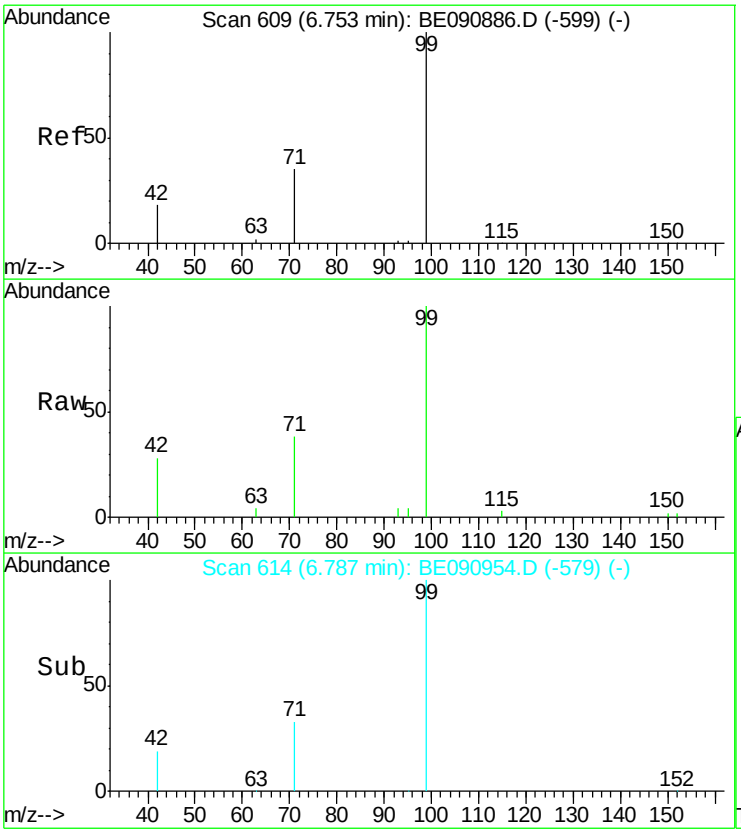
#4
2-Fluorophenol
Concen: 1.63 ng
RT: 5.17 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:112 Resp: 22580

Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.3	85.9
63	37.0	29.2	43.8

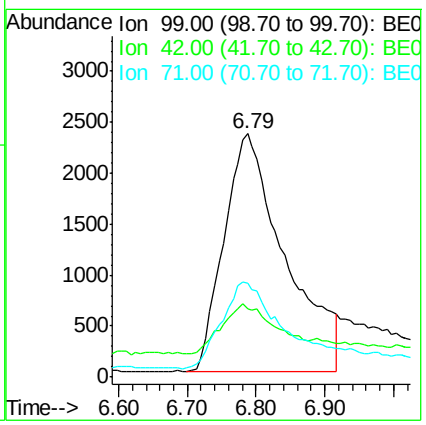


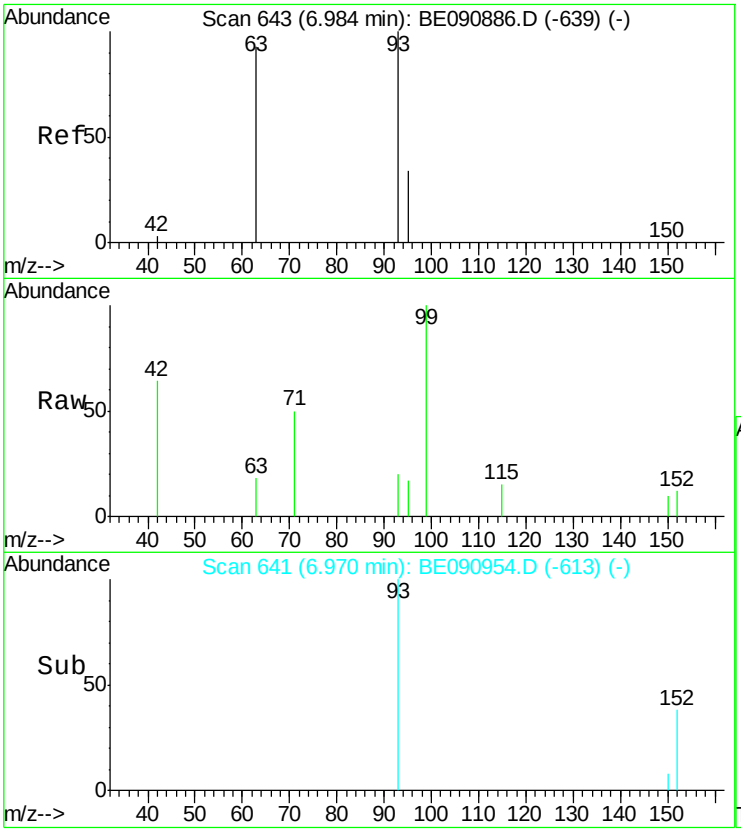


#5
Phenol-d6
Concen: 0.76 ng
RT: 6.79 min Scan# 614
Delta R.T. 0.03 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion: 99 Resp: 14344

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.8	25.2
71	37.1	28.3	42.5



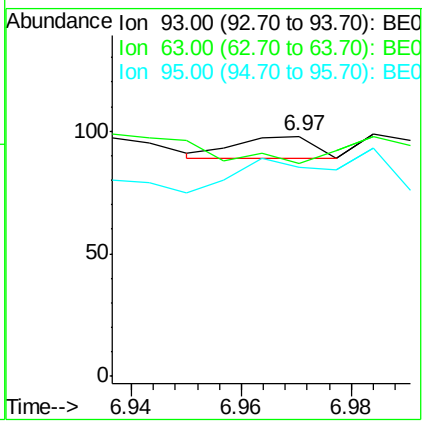


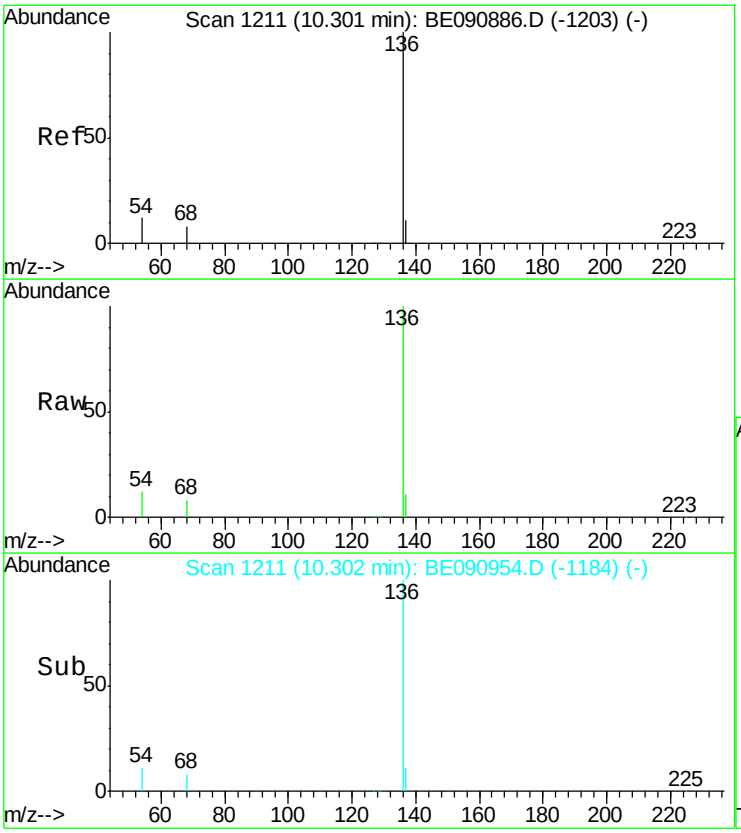
#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 6.97 min Scan# 641
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion: 93 Resp: 9

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	311.1	26.9	40.3#

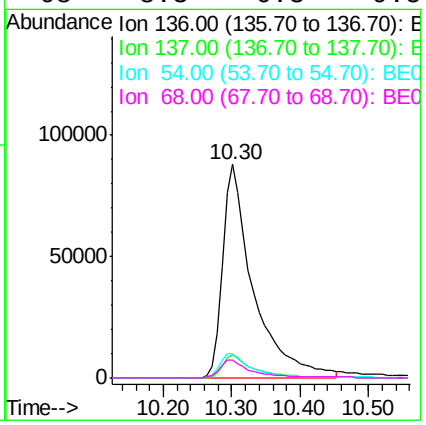


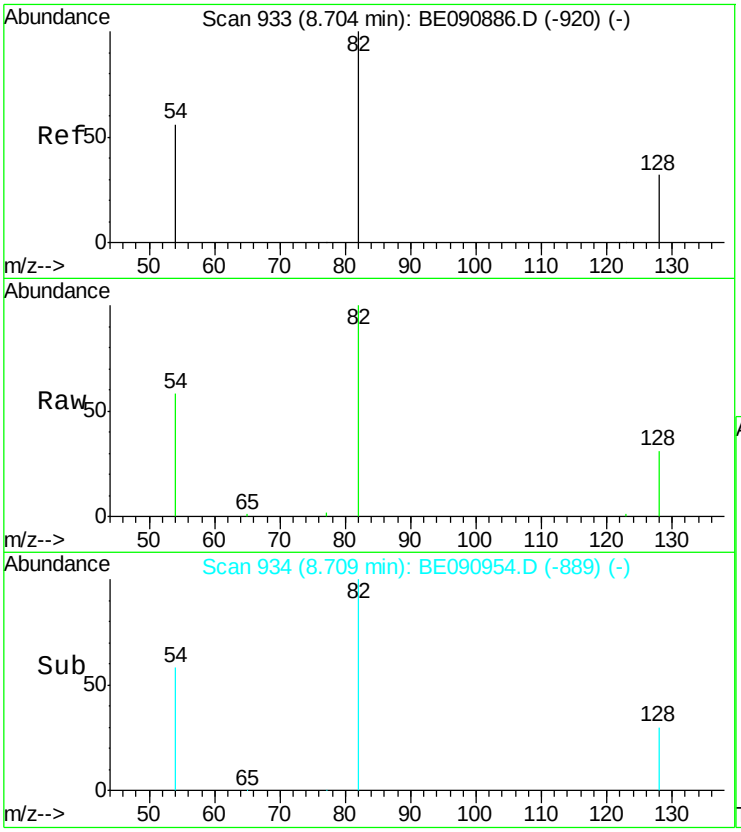


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:136 Resp: 271315

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.6	9.0	13.6
68	8.3	6.3	9.5



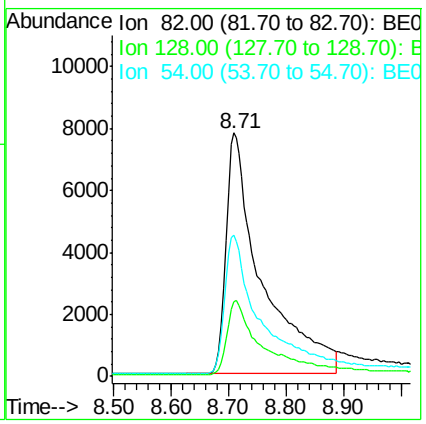


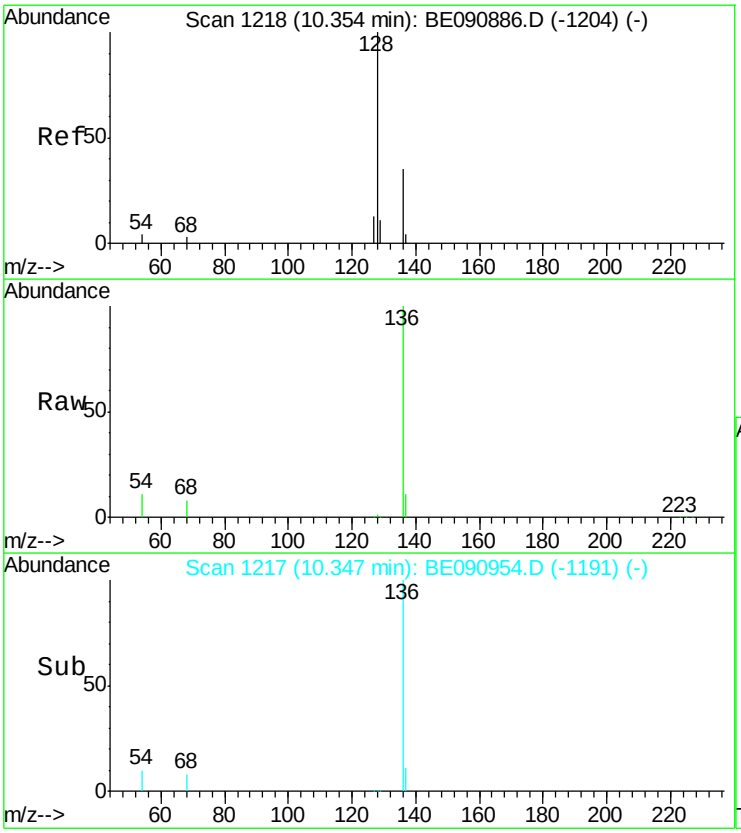
#8
Nitrobenzene-d5
Concen: 1.81 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion: 82 Resp: 33853

Ion	Ratio	Lower	Upper
82	100		
128	30.8	25.0	37.4
54	58.1	46.3	69.5

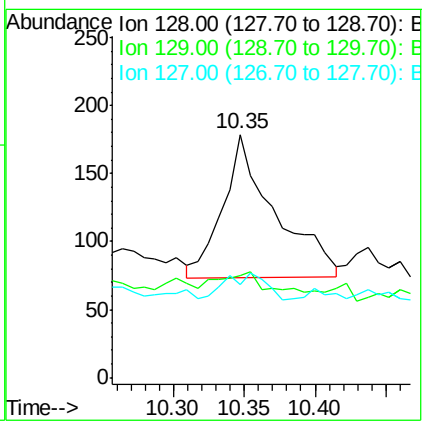


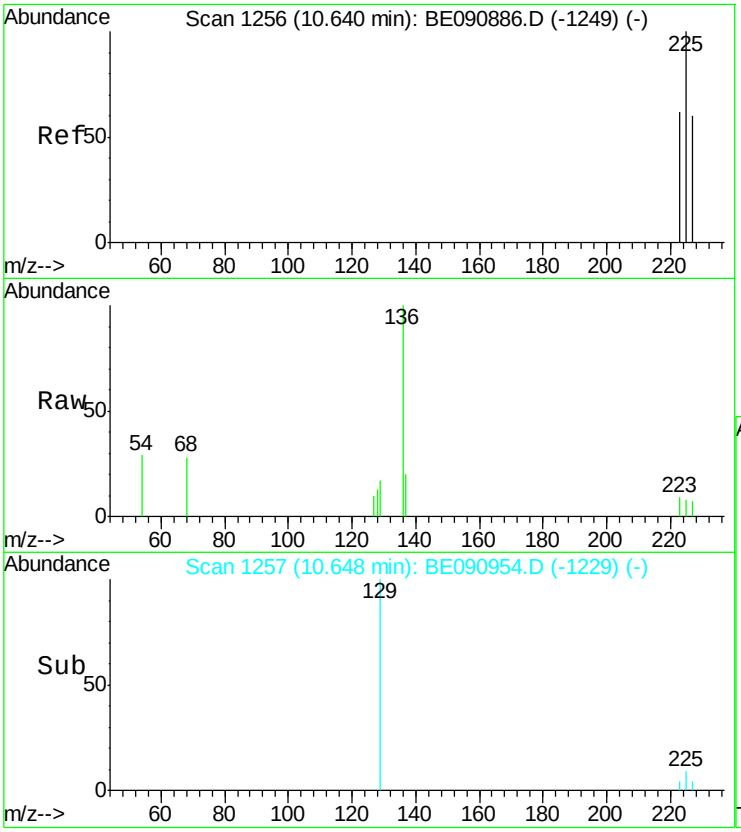


#10
Naphthalene
Concen: Below Cal
RT: 10.35 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:128 Resp: 269

Ion	Ratio	Lower	Upper
128	100		
129	41.9	8.4	12.6#
127	38.0	9.9	14.9#



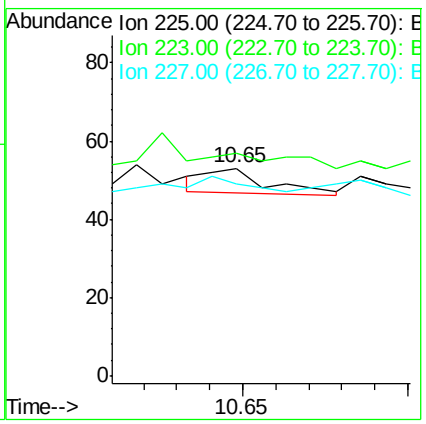


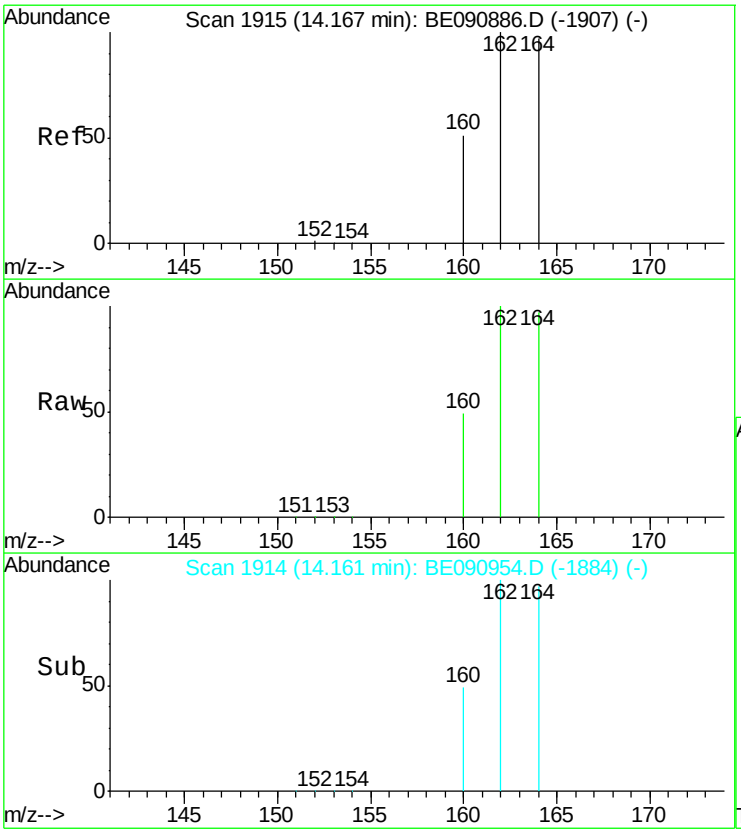
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.65 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:225 Resp: 8

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	76.0#
227	62.5	51.0	76.6

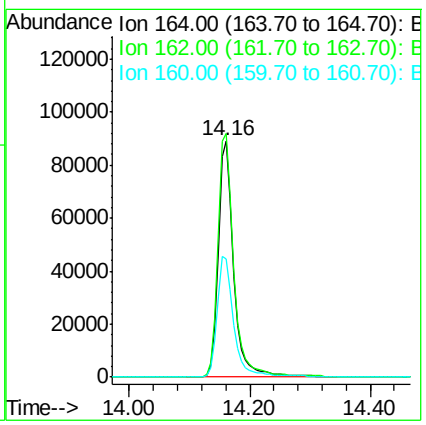


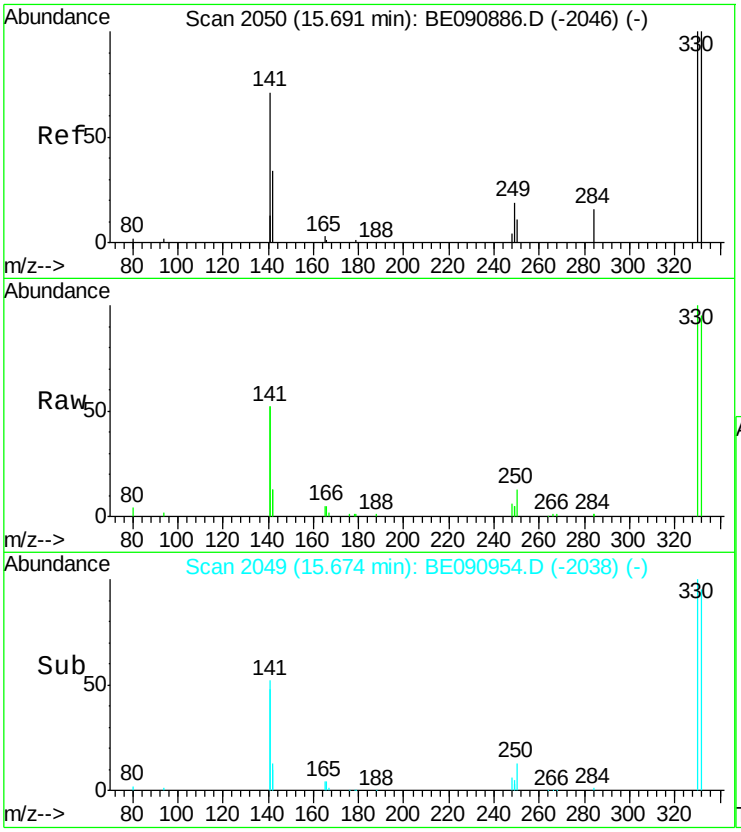


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:164 Resp: 160520

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.8	130.2
160	50.1	53.9	80.9#



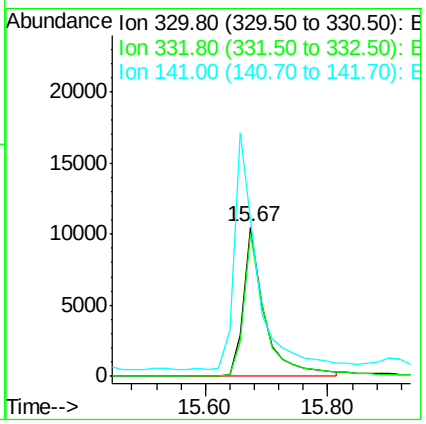


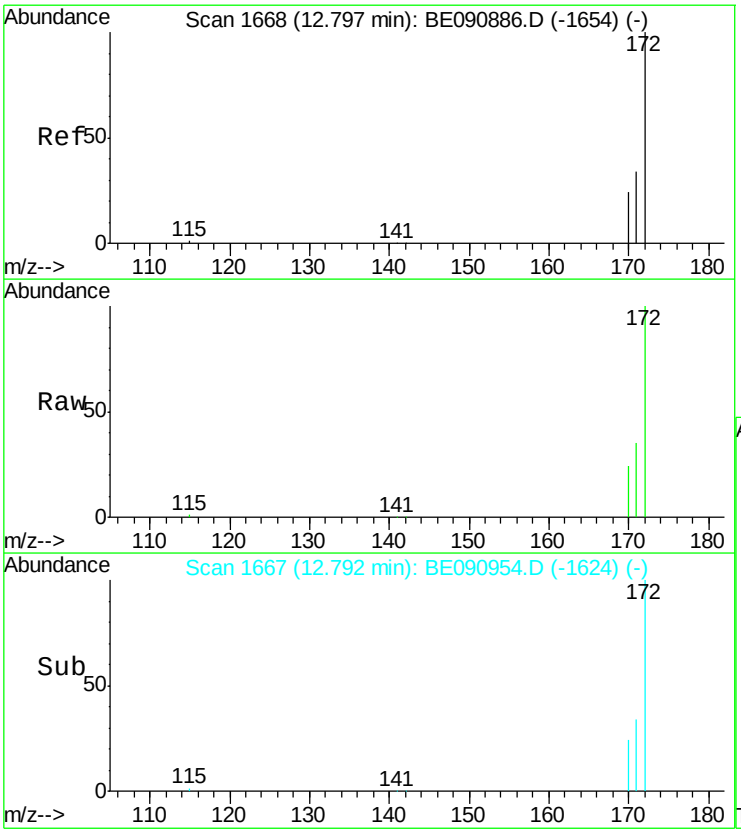
#14
2,4,6-Tribromophenol
Concen: 4.40 ng
RT: 15.67 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:330 Resp: 24929

Ion	Ratio	Lower	Upper
330	100		
332	96.0	74.9	112.3
141	174.3	145.2	217.8

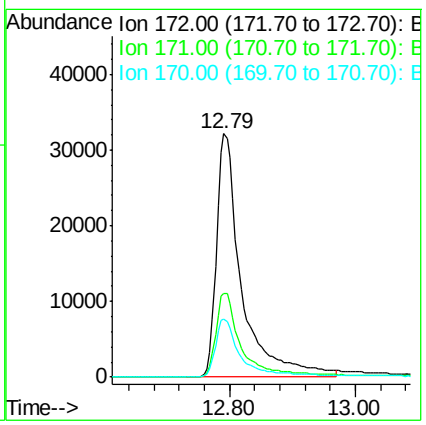


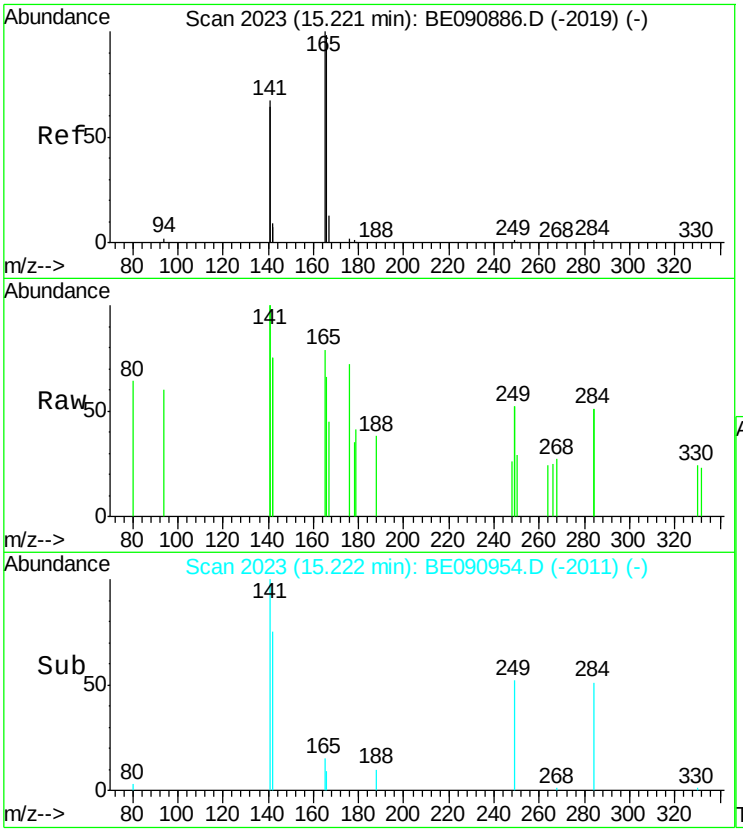


#15
2-Fluorobiphenyl
Concen: 1.95 ng
RT: 12.79 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:172 Resp: 88600

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	23.8	19.8	29.6



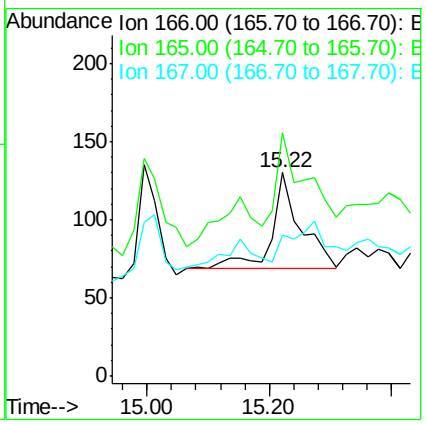


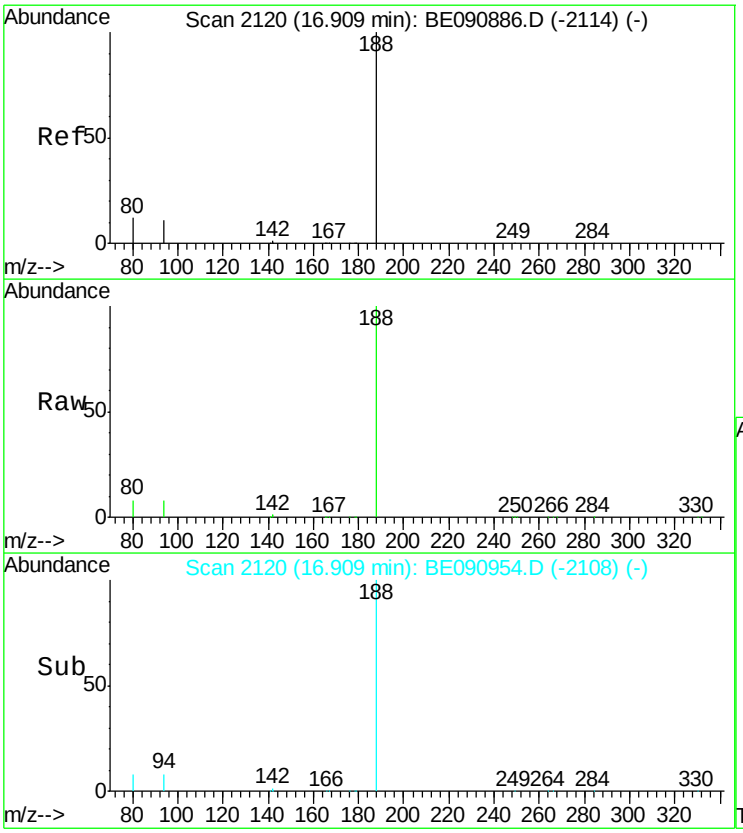
#18
Fluorene
Concen: Below Cal
RT: 15.22 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:166 Resp: 198

Ion	Ratio	Lower	Upper
166	100		
165	101.0	82.7	124.1
167	0.0	10.7	16.1#

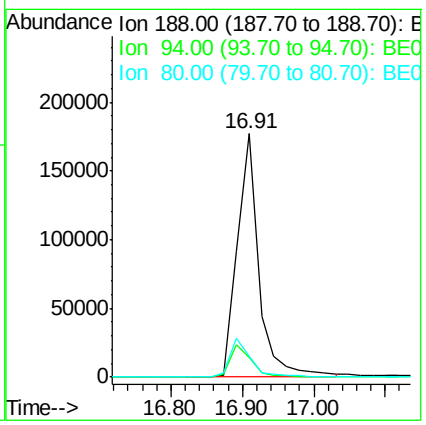


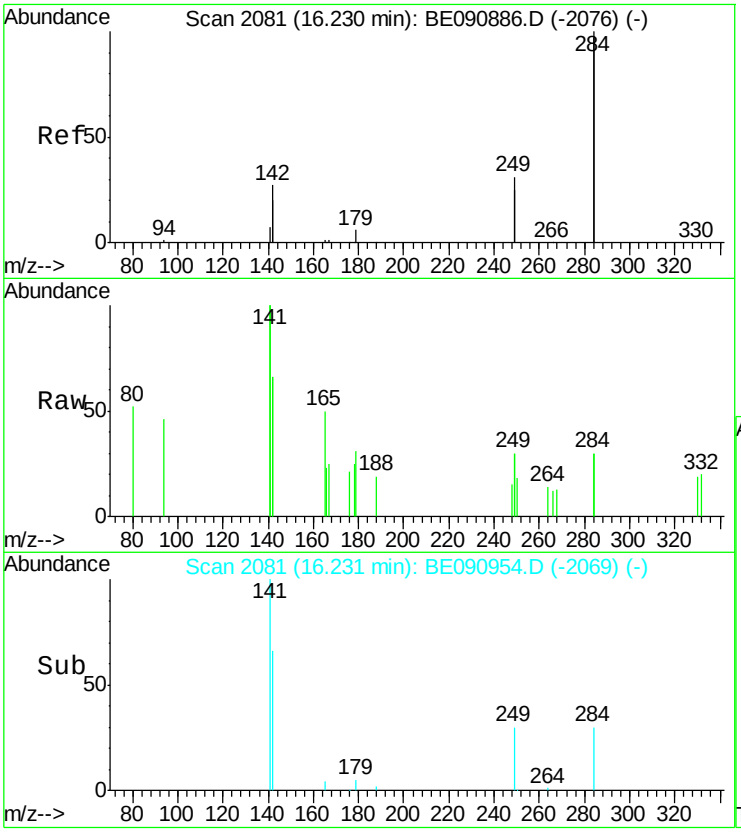


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:188 Resp: 366989

Ion	Ratio	Lower	Upper
188	100		
94	8.1	10.3	15.5#
80	8.5	11.0	16.6#



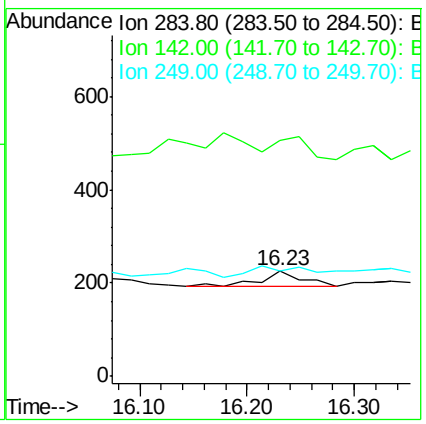


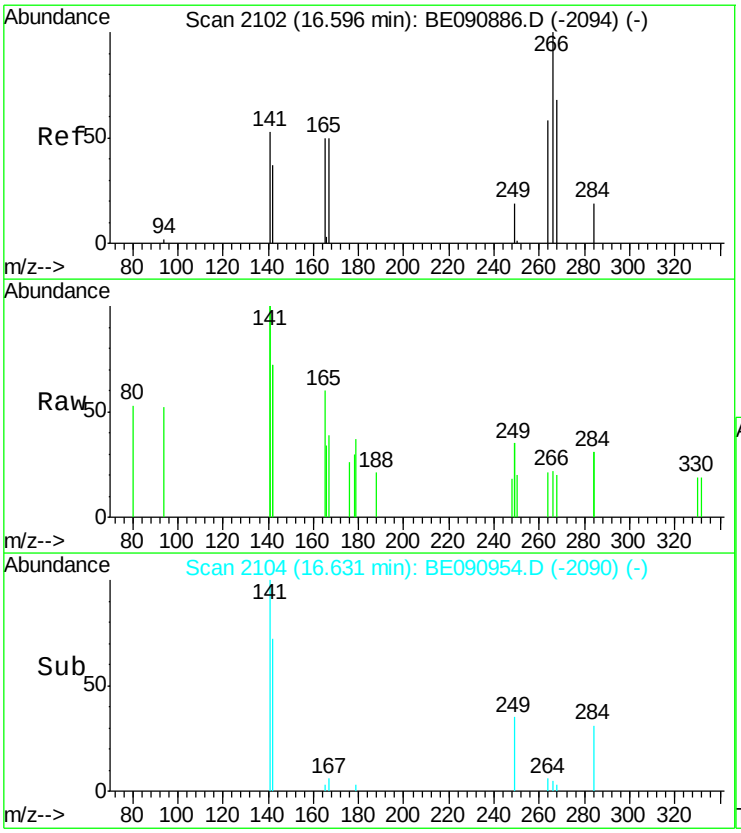
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:284 Resp: 79

Ion	Ratio	Lower	Upper
284	100		
142	129.1	35.0	52.4#
249	0.0	25.5	38.3#

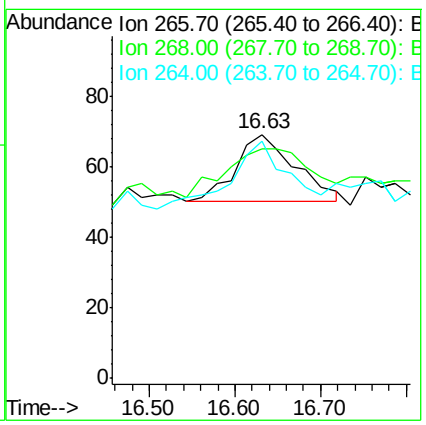


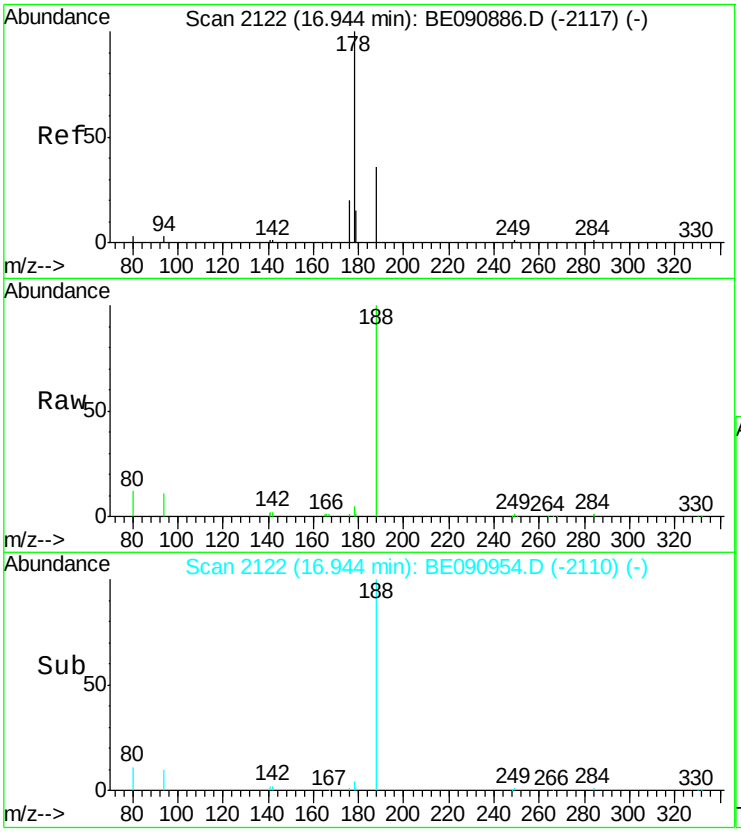


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.63 min Scan# 2104
Delta R.T. 0.04 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:266 Resp: 92

Ion	Ratio	Lower	Upper
266	100		
268	94.2	49.6	74.4#
264	97.1	53.9	80.9#



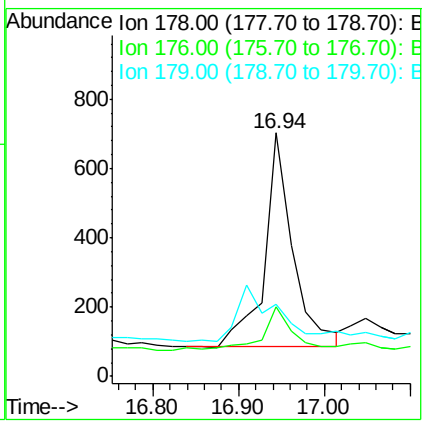


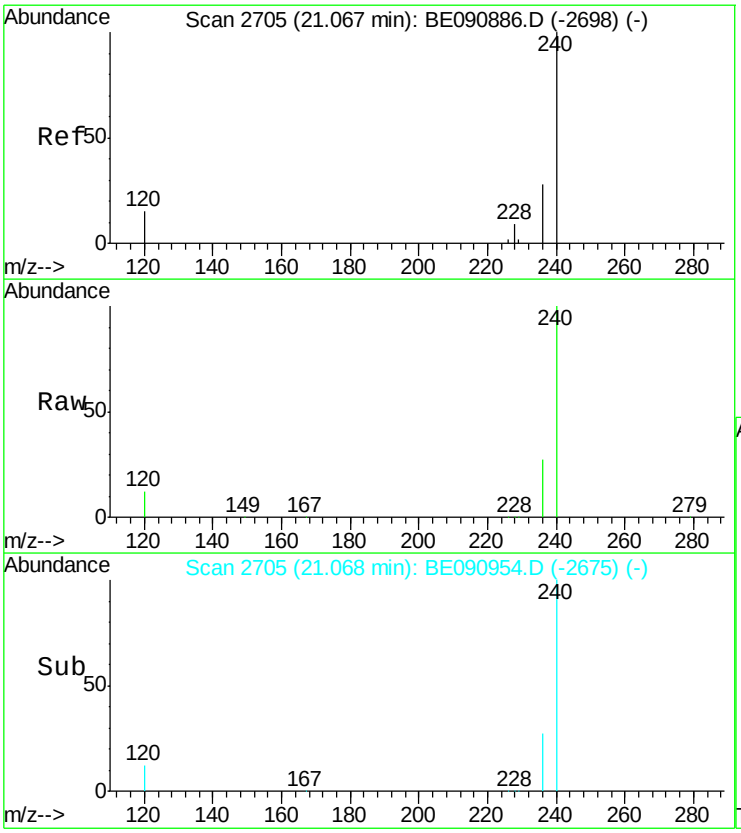
#23
Phenanthrene
Concen: Below Cal
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:178 Resp: 1413

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.6	23.4
179	0.0	12.8	19.2#

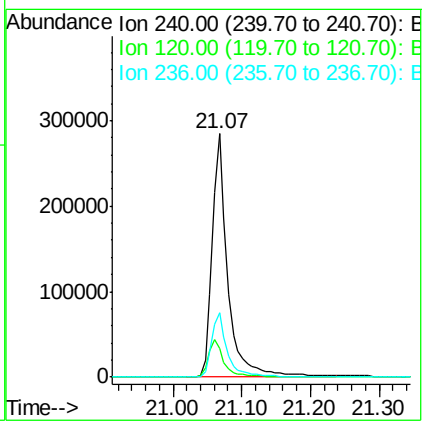


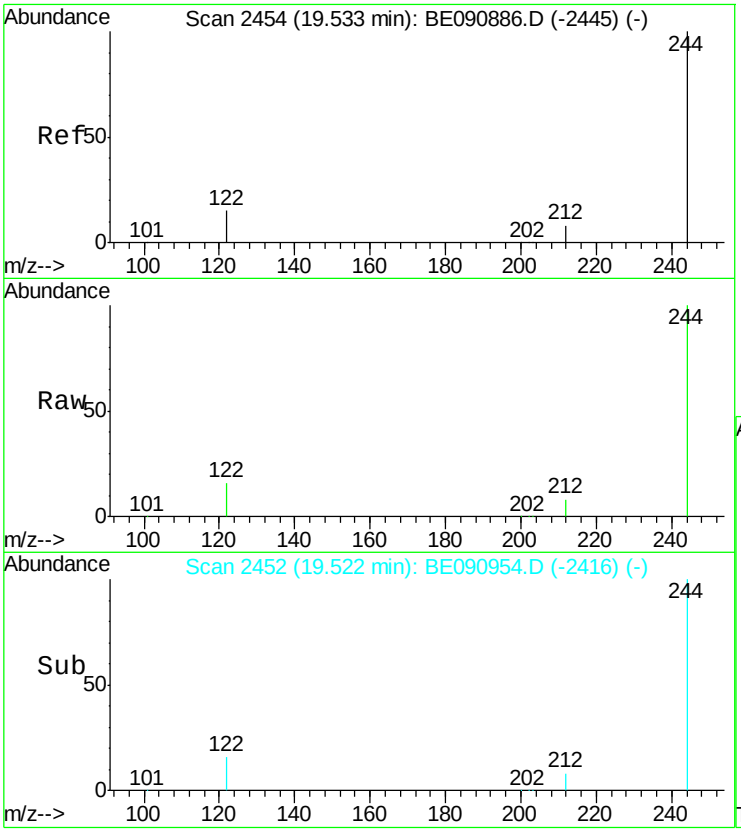


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:240 Resp: 448672

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.1	15.1
236	26.6	21.9	32.9



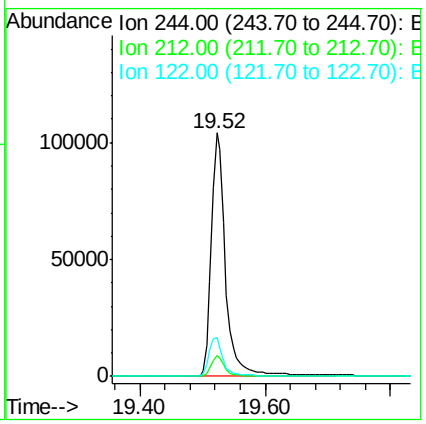


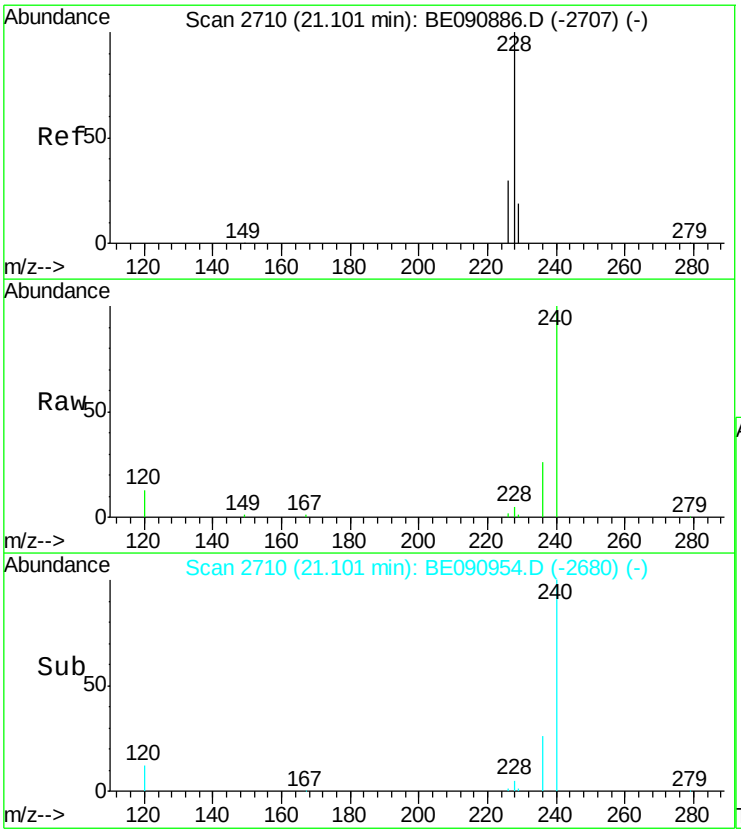
#28
Terphenyl-d14
Concen: 3.23 ng
RT: 19.52 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:244 Resp: 165258

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	15.7	12.9	19.3

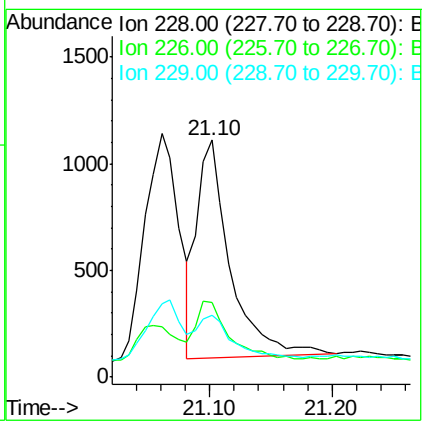


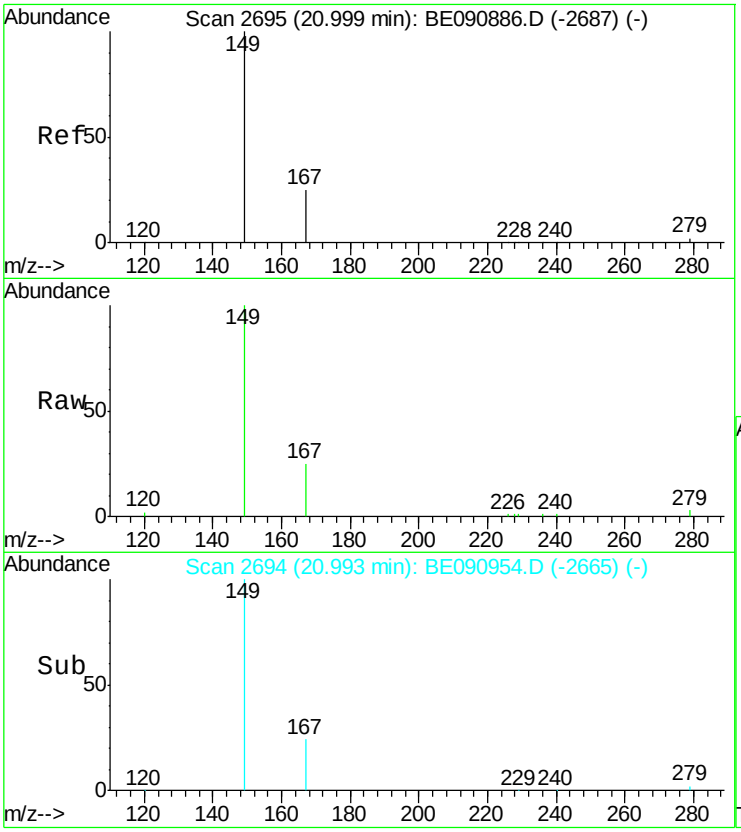


#30
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:228 Resp: 1920

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.4
229	26.2	15.3	22.9#



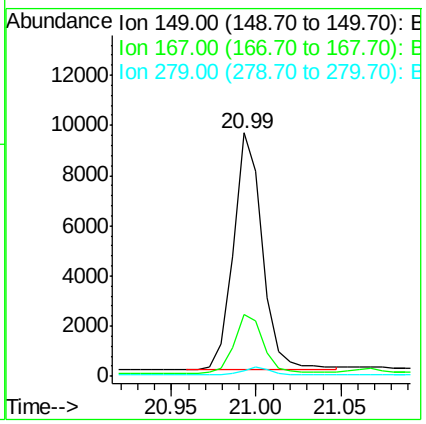


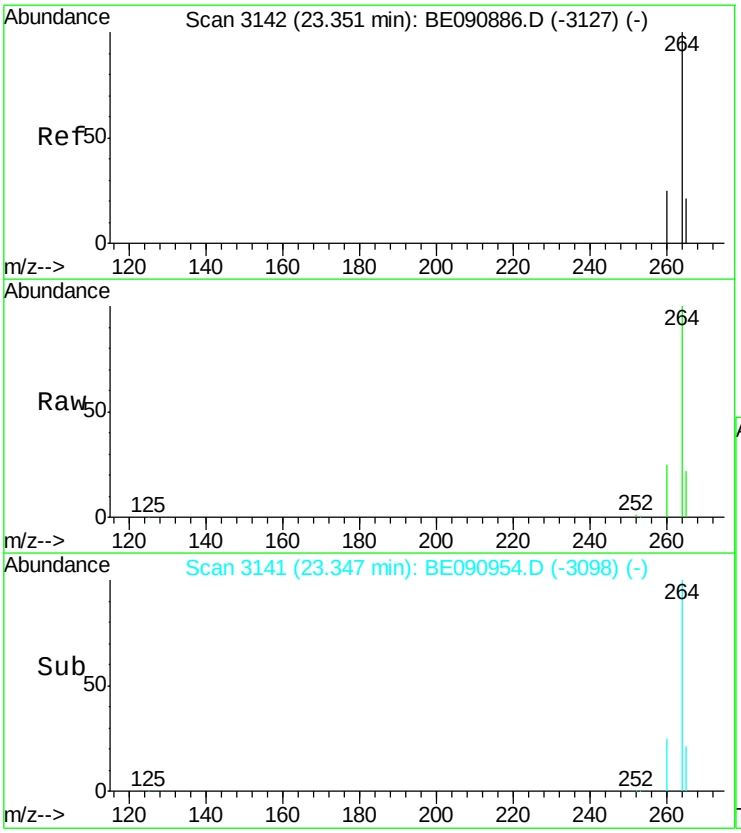
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.38 ng
RT: 20.99 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:149 Resp: 11115

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.1	30.1
279	3.1	2.3	3.5

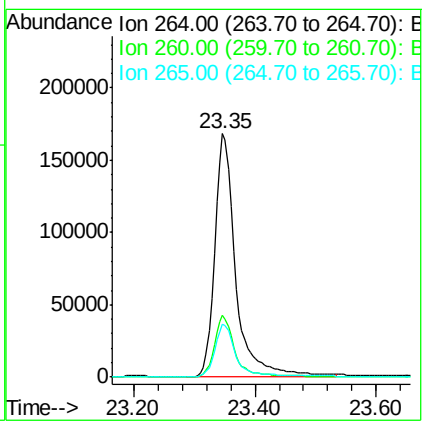


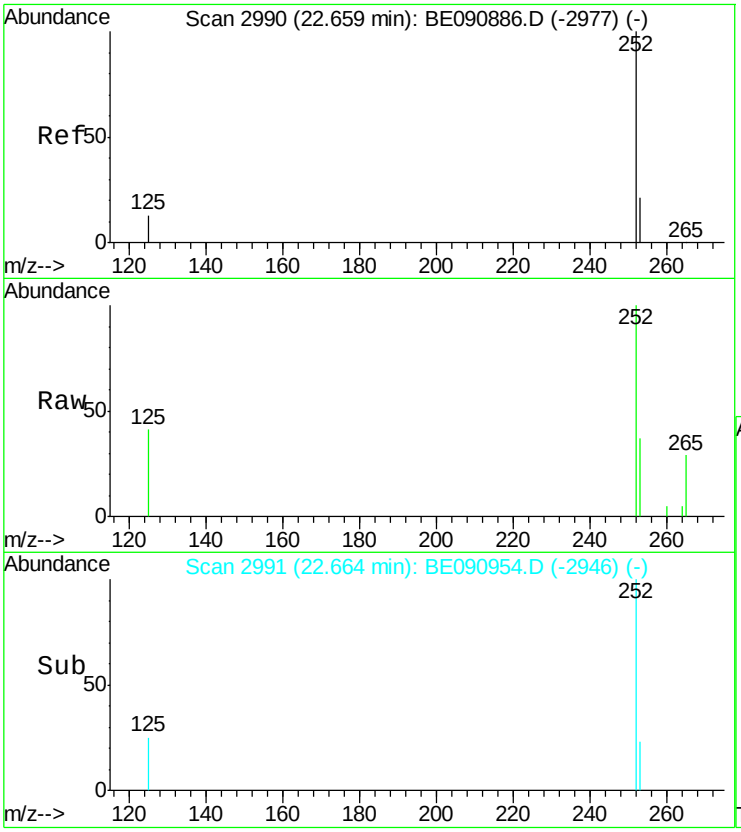


#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:264 Resp: 405985

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.6	17.5	26.3





#34
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.66 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tgt Ion:252 Resp: 2276

Ion	Ratio	Lower	Upper
252	100		
253	36.8	17.9	26.9#
125	41.1	10.6	16.0#