Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
Data File : BE090959.D
Acq On : 23 Sep 2015 21:12
Operator : UM/IZ
Sample : G3651-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 24 01:15:38 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	35356	5.00	ng		0.00
7) Naphthalene-d8	10.32	136	159270	5.00	ng		0.02
13) Acenaphthene-d10	14.16	164	98611	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	224982	5.00	ng		0.00
26) Chrysene-d12	21.07	240	273848	5.00	ng		0.00
33) Perylene-d12	23.35	264	242114	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	14966	1.85	ng		0.00
5) Phenol-d6	6.81	99	8555	0.78	ng		0.05
8) Nitrobenzene-d5	8.72	82	28527	2.60	ng		0.02
14) 2,4,6-Tribromophenol	15.68	330	21433	6.16	ng		-0.02
15) 2-Fluorobiphenyl	12.79	172	82444	2.95	ng		0.00
28) Terphenyl-d14	19.52	244	154386	4.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	107	Below Cal		#	1
3) n-Nitrosodimethylamine	3.43	42	146	Below Cal		#	1
6) bis(2-Chloroethyl)ether	6.98	93	24	Below Cal		#	29
10) Naphthalene	10.36	128	670	Below Cal		#	54
11) Hexachlorobutadiene	10.64	225	6	Below Cal		#	75
12) 2-Methylnaphthalene	12.00	142	509	0.02	ng	#	84
16) Acenaphthylene	13.88	152	13118	0.08	ng	#	95
17) Acenaphthene	14.22	154	38978	1.47	ng		91
18) Fluorene	15.22	166	71841	2.34	ng		96
21) Hexachlorobenzene	16.23	284	65	Below Cal		#	1
22) Pentachlorophenol	16.63	266	45	0.19	ng	#	56
23) Phenanthrene	16.94	178	89365	1.68	ng		99
24) Anthracene	16.94	178	89454	1.74	ng		99
25) Fluoranthene	18.95	202	166860	2.43	ng		99
27) Pyrene	19.31	202	94668	1.51	ng	#	96
29) Benzo(a)anthracene	21.06	228	2247	0.03	ng	#	78
30) Chrysene	21.06	228	2247	Below Cal		#	82
31) Bis(2-ethylhexyl)phthalate	20.99	149	11089	0.51	ng		99
34) Benzo(b)fluoranthene	22.66	252	1359	0.02	ng	#	19

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
Data File : BE090959.D
Acq On : 23 Sep 2015 21:12
Operator : UM/IZ
Sample : G3651-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
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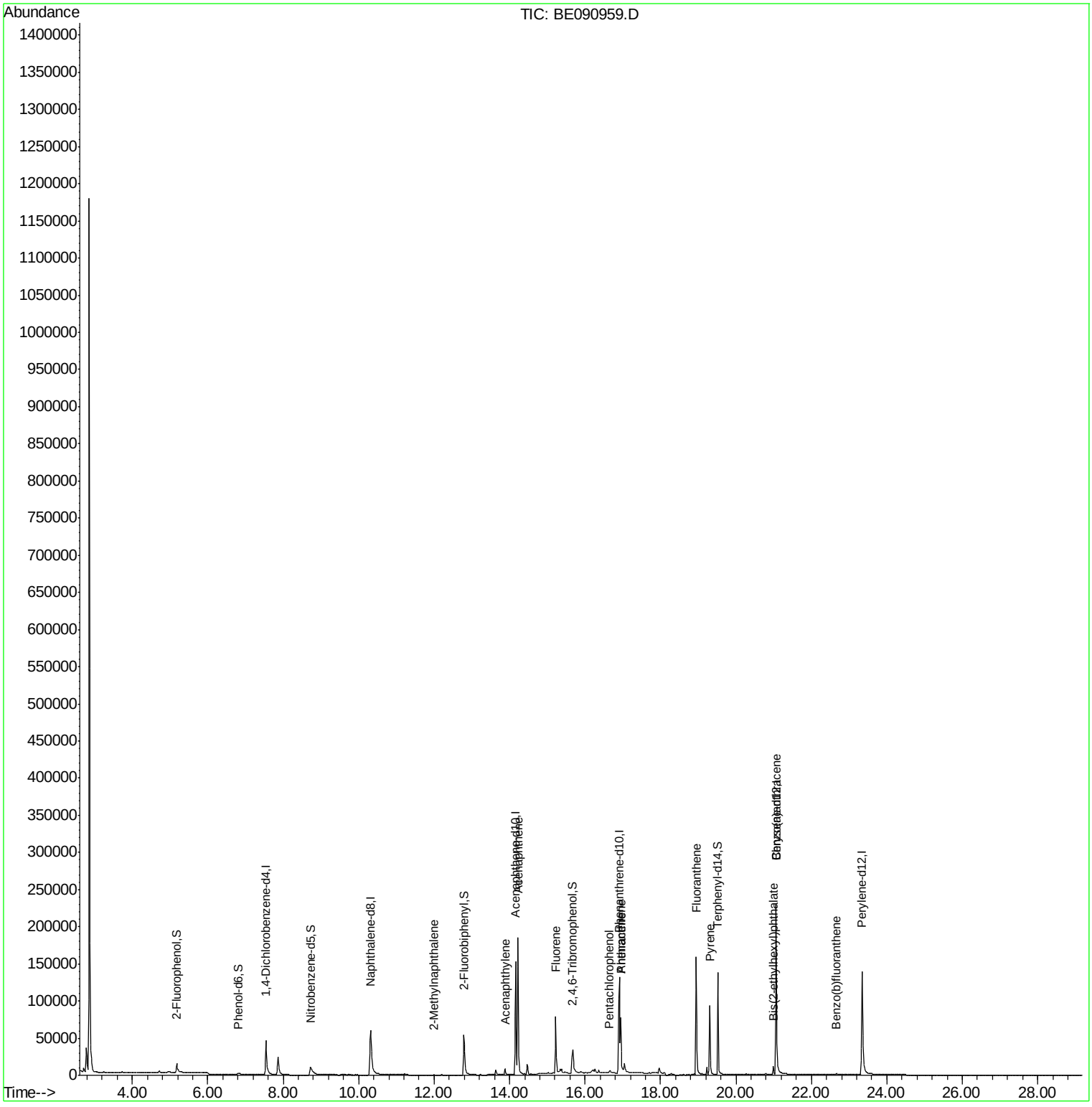
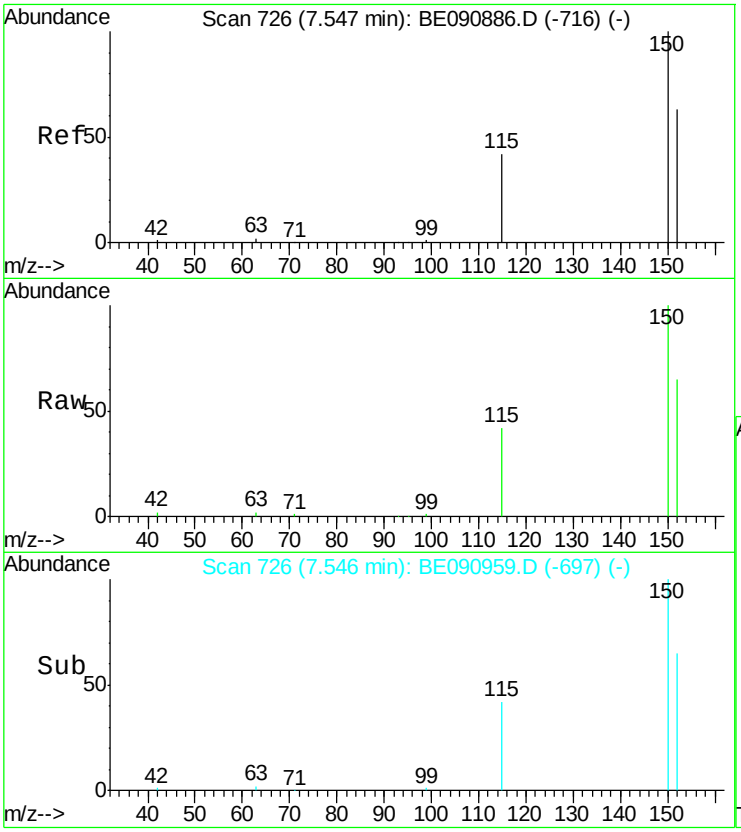
Quant Time: Sep 24 01:15:38 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration



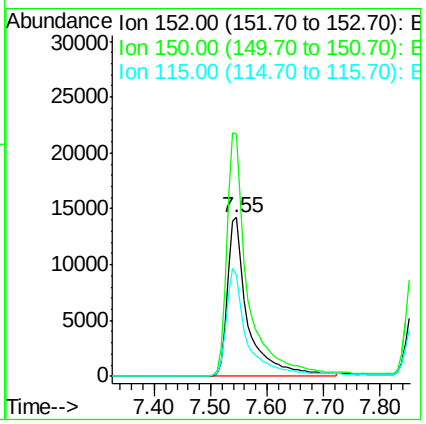


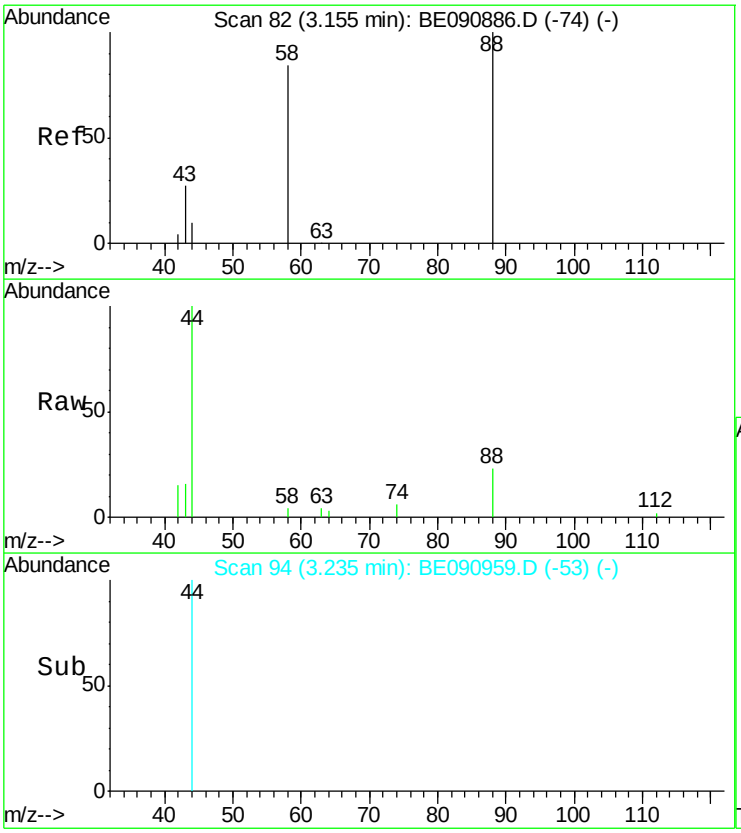
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 35356

Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.2	183.4
115	64.0	51.0	76.4

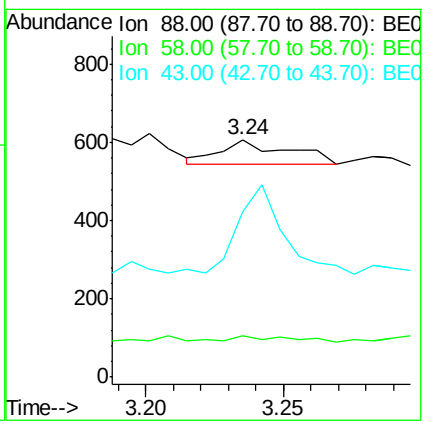


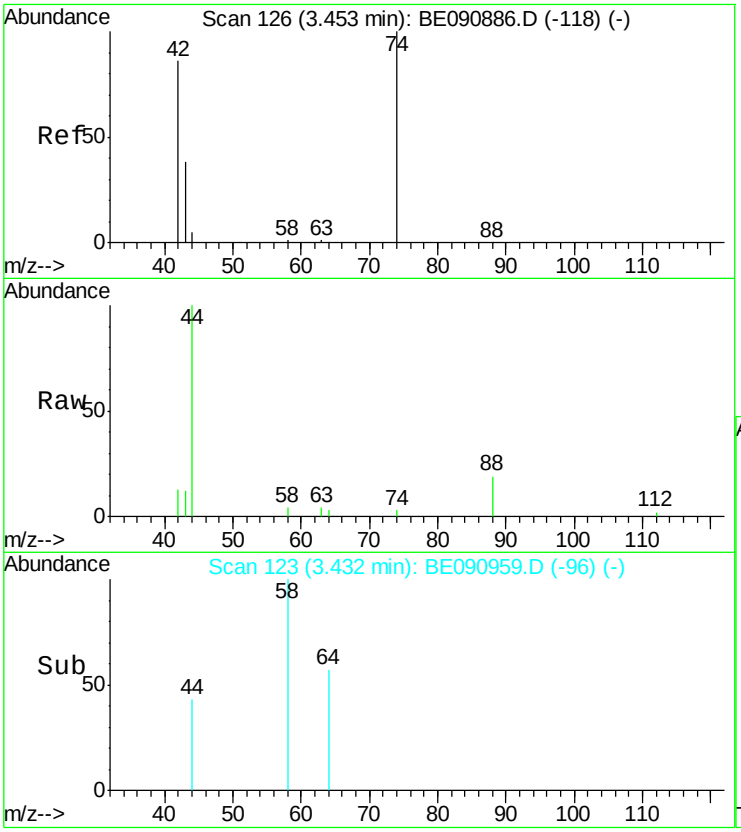


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.24 min Scan# 94
Delta R.T. 0.08 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
58	18.7	68.4	102.6#
43	257.0	26.9	40.3#



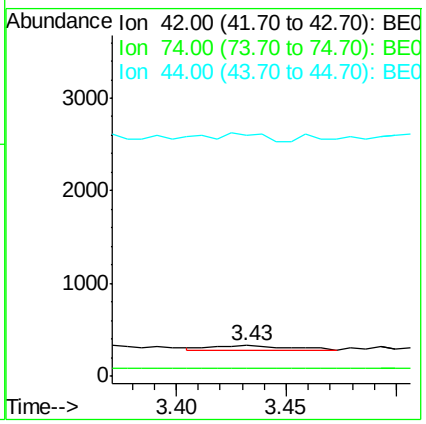


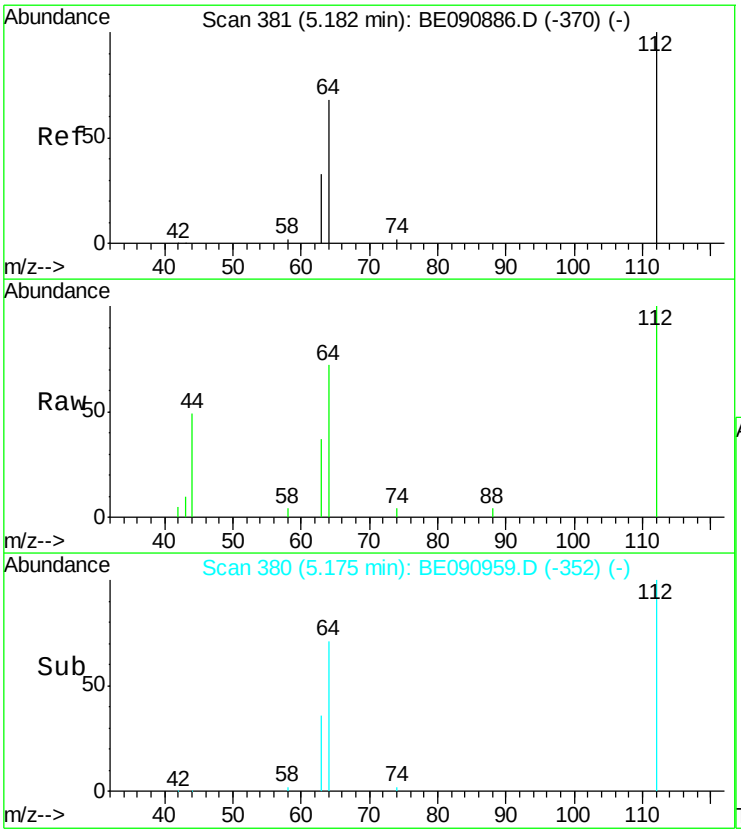
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.43 min Scan# 123
Delta R.T. -0.02 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 146

Ion	Ratio	Lower	Upper
42	100		
74	3.4	83.7	125.5#
44	74.7	10.0	15.0#

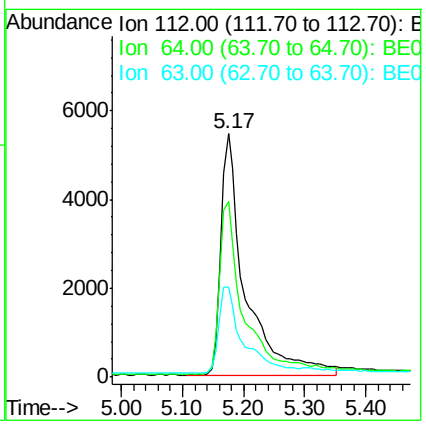


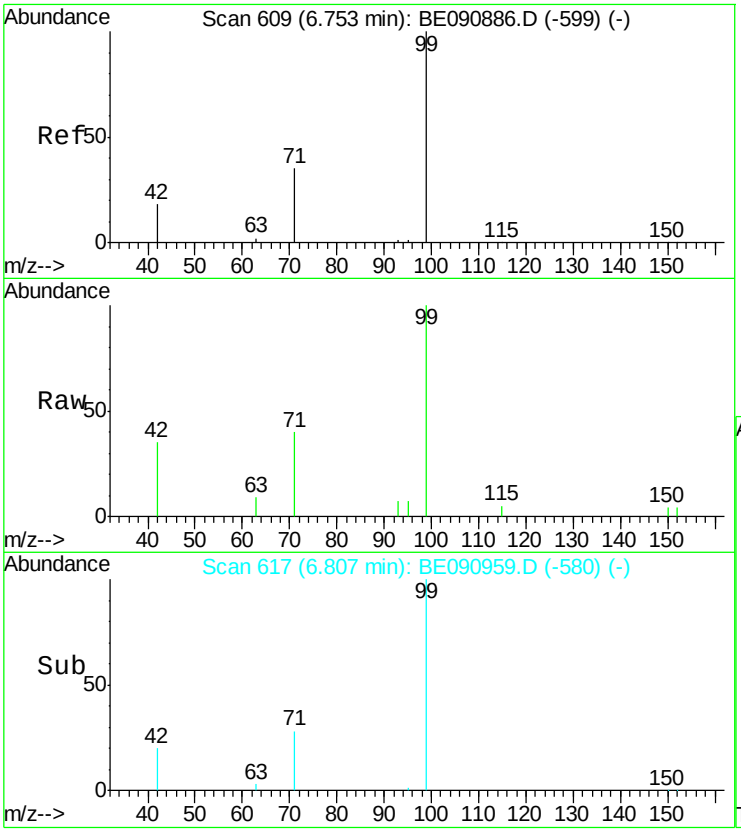


#4
2-Fluorophenol
Concen: 1.85 ng
RT: 5.17 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:112 Resp: 14966

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.3	85.9
63	35.7	29.2	43.8



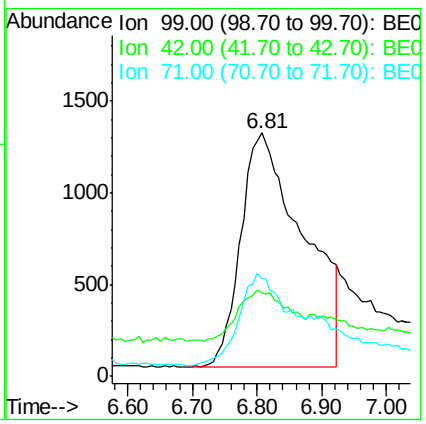


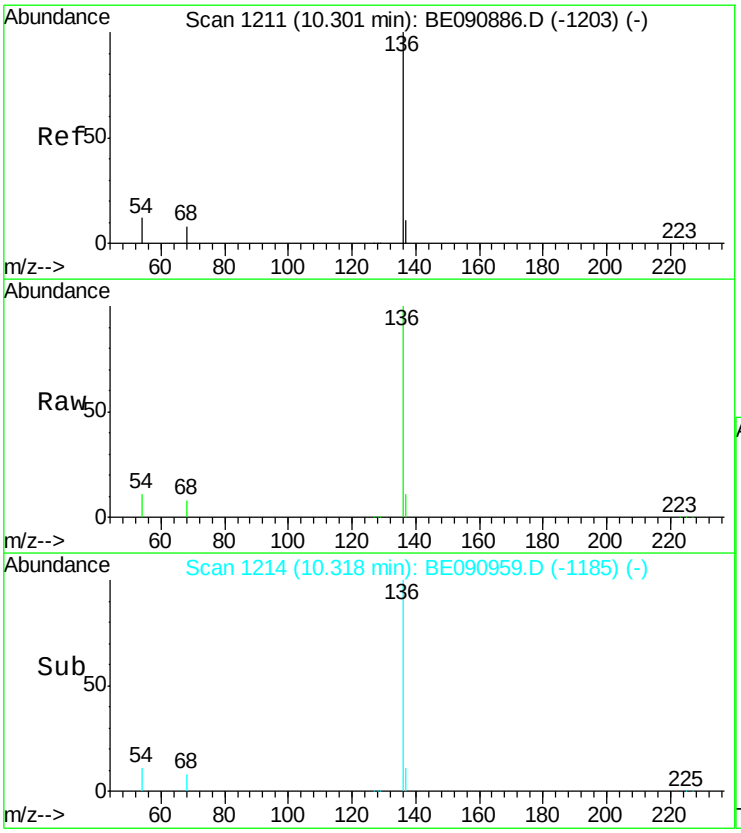
#5
Phenol-d6
Concen: 0.78 ng
RT: 6.81 min Scan# 617
Delta R.T. 0.05 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 8555

Ion	Ratio	Lower	Upper
99	100		
42	17.5	16.8	25.2
71	30.9	28.3	42.5

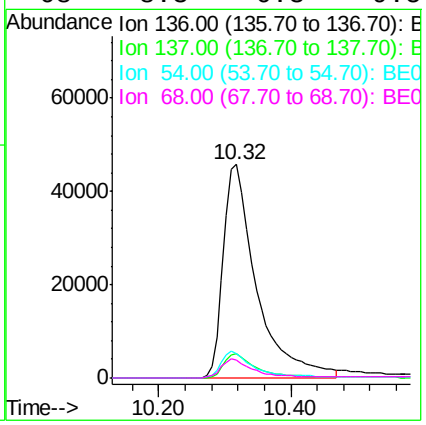


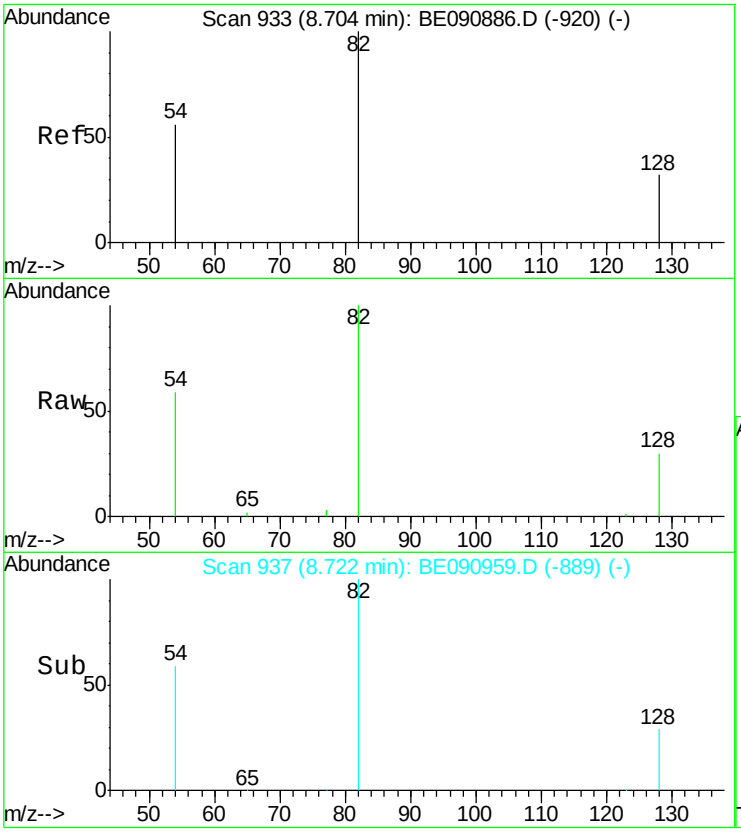


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.32 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:136 Resp: 159270

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.4	9.0	13.6
68	8.3	6.3	9.5



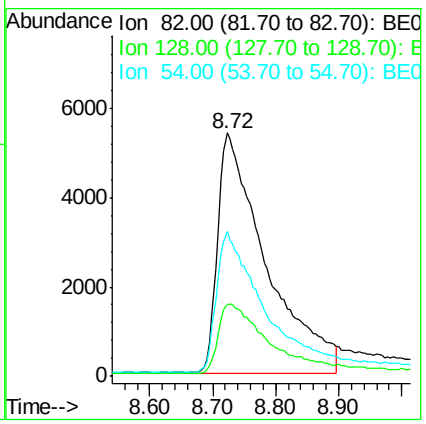


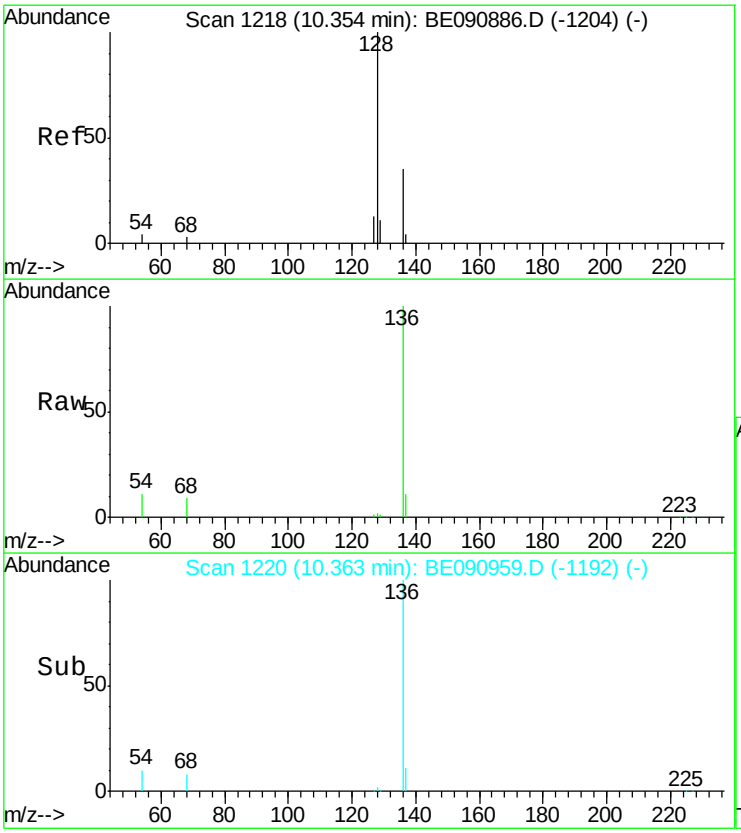
#8
Nitrobenzene-d5
Concen: 2.60 ng
RT: 8.72 min Scan# 937
Delta R.T. 0.02 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 28527

Ion	Ratio	Lower	Upper
82	100		
128	29.8	25.0	37.4
54	59.4	46.3	69.5

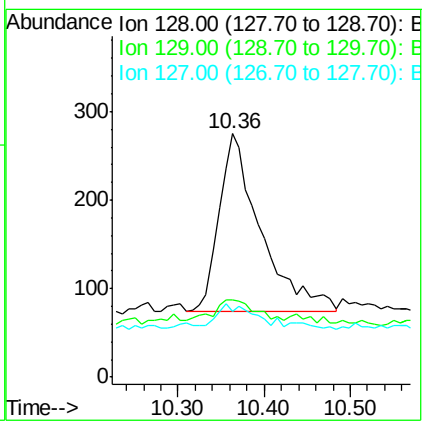


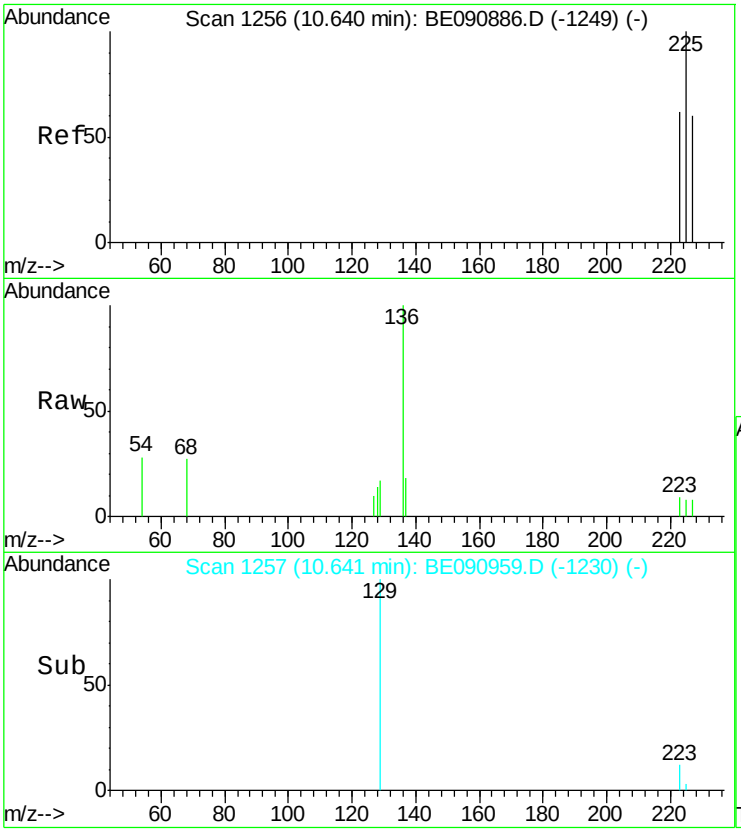


#10
Naphthalene
Concen: Below Cal
RT: 10.36 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:128 Resp: 670

Ion	Ratio	Lower	Upper
128	100		
129	31.6	8.4	12.6#
127	26.9	9.9	14.9#



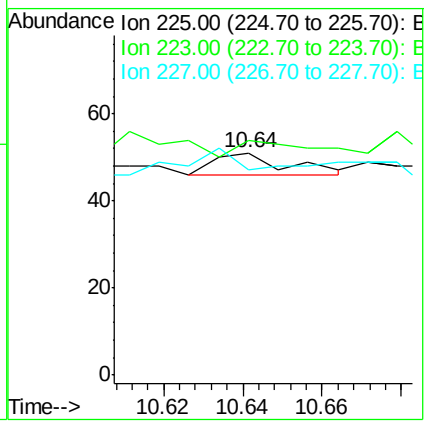


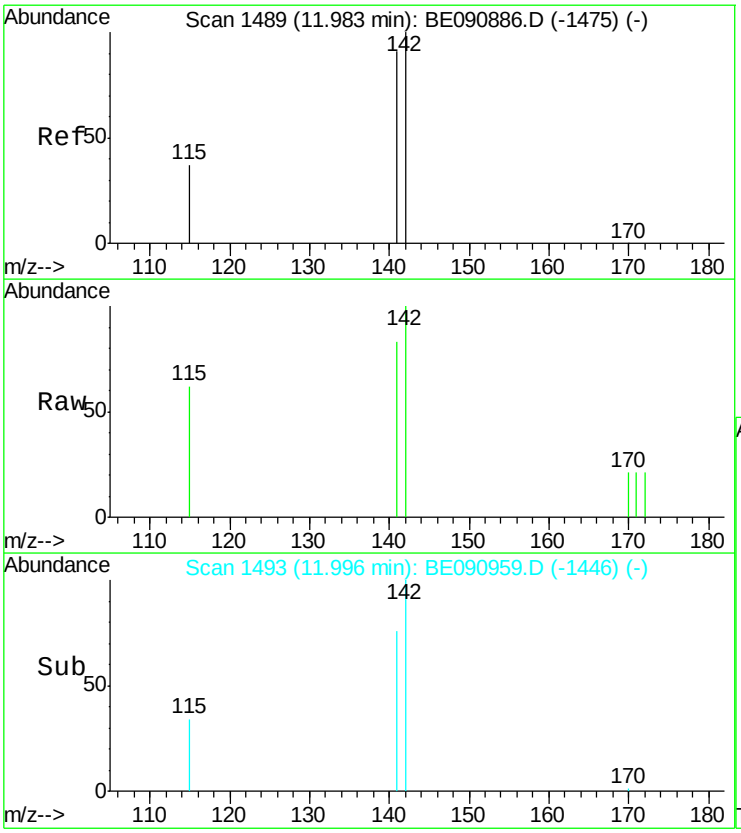
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.64 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	66.7	50.6	76.0
227	100.0	51.0	76.6#

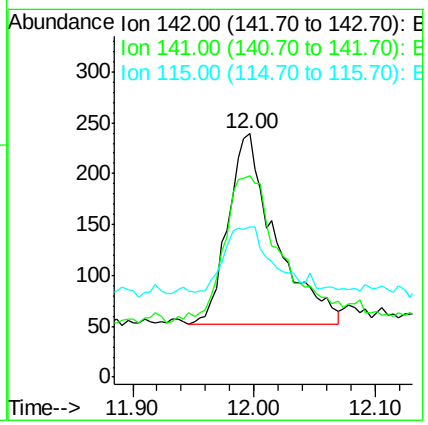


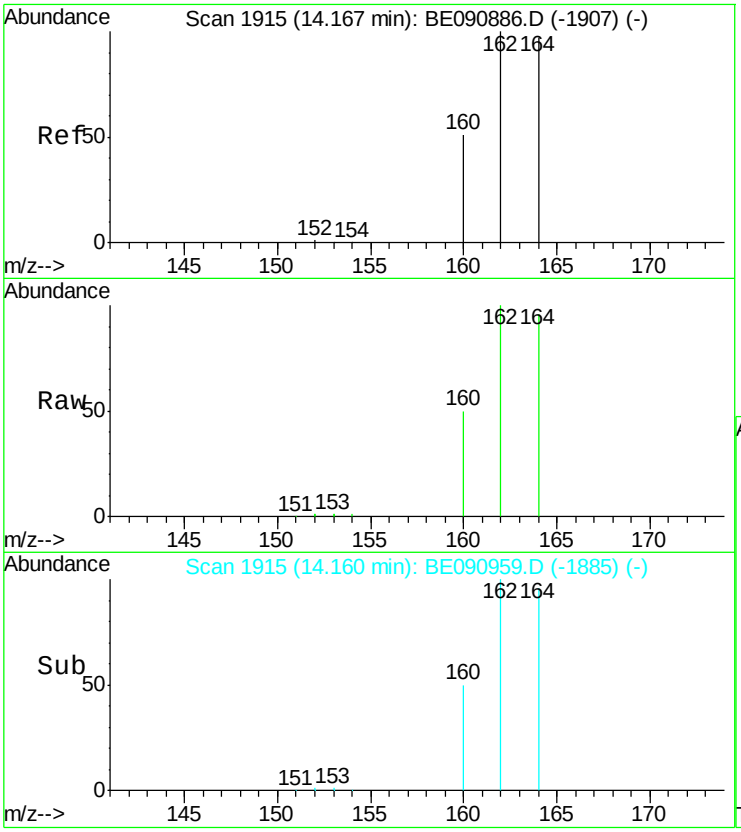


#12
2-Methylnaphthalene
Concen: 0.02 ng
RT: 12.00 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:142 Resp: 509

Ion	Ratio	Lower	Upper
142	100		
141	82.8	71.4	107.2
115	61.9	31.0	46.4#



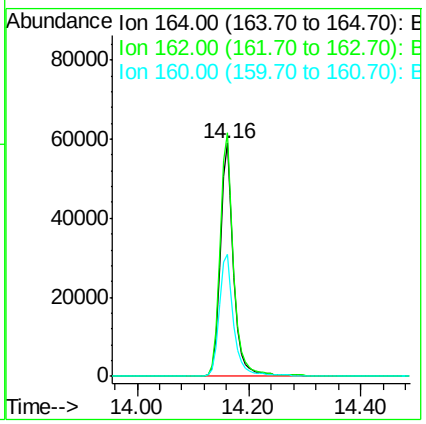


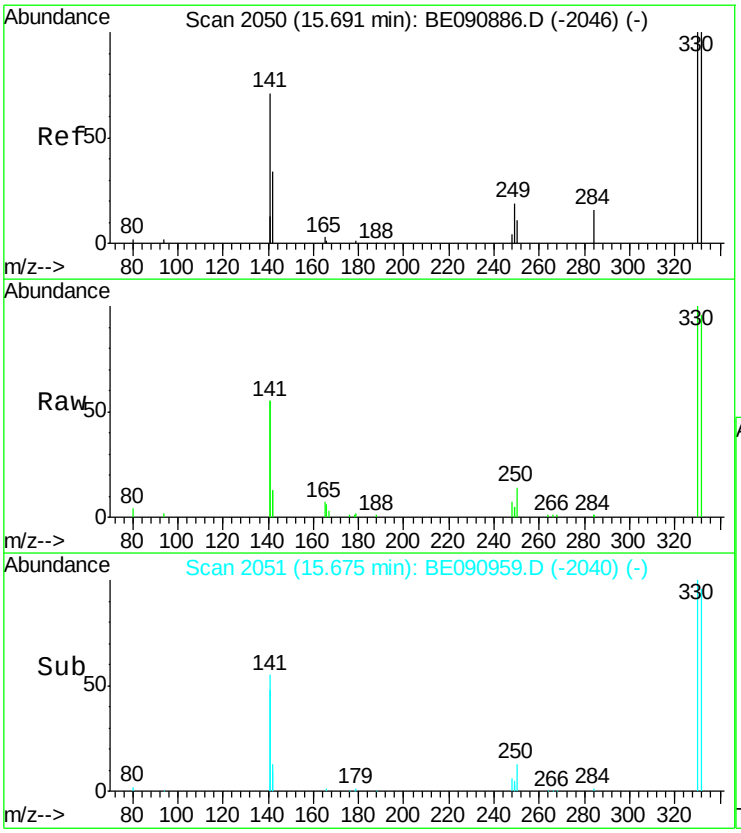
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 98611

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.8	130.2
160	52.3	53.9	80.9#

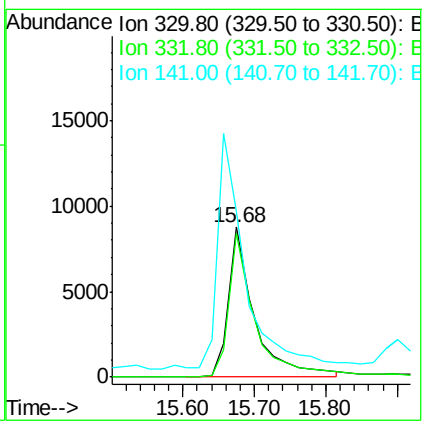


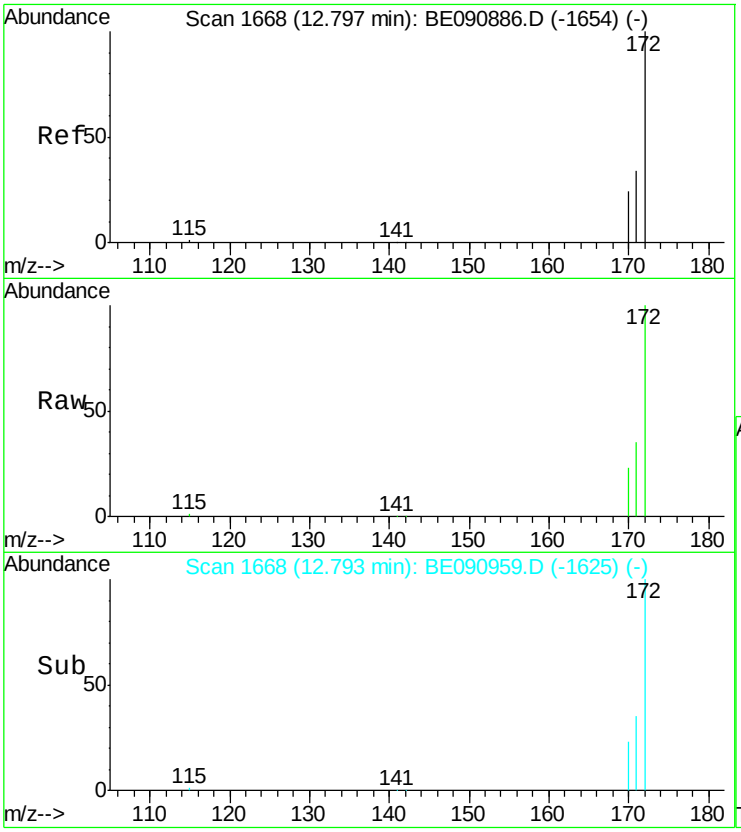


#14
2,4,6-Tribromophenol
Concen: 6.16 ng
RT: 15.68 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:330 Resp: 21433

Ion	Ratio	Lower	Upper
330	100		
332	96.2	74.9	112.3
141	175.8	145.2	217.8



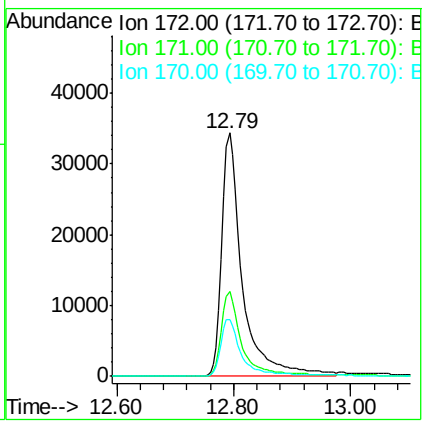


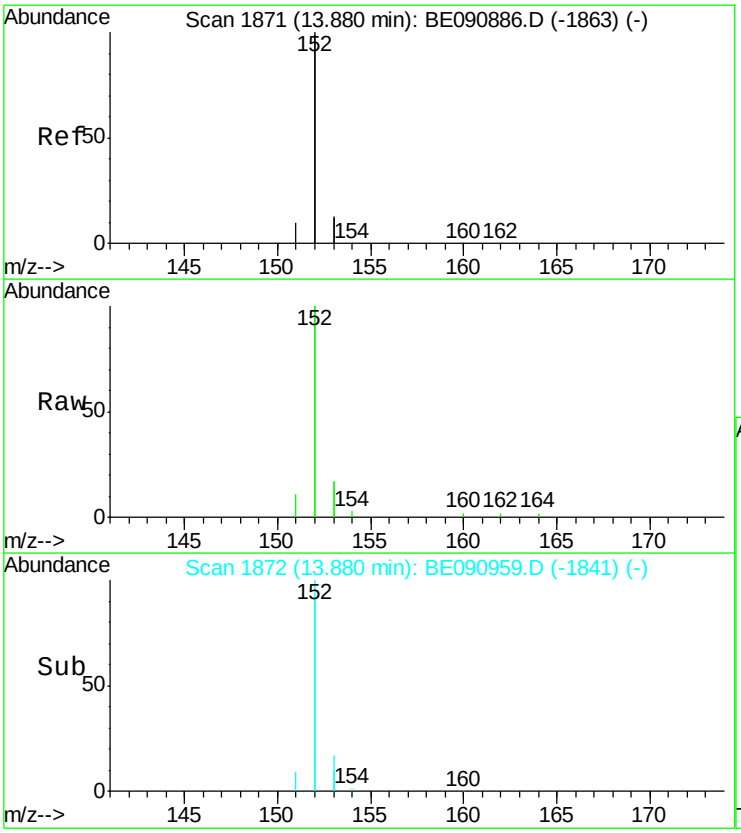
#15
2-Fluorobiphenyl
Concen: 2.95 ng
RT: 12.79 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 82444

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.4	19.8	29.6

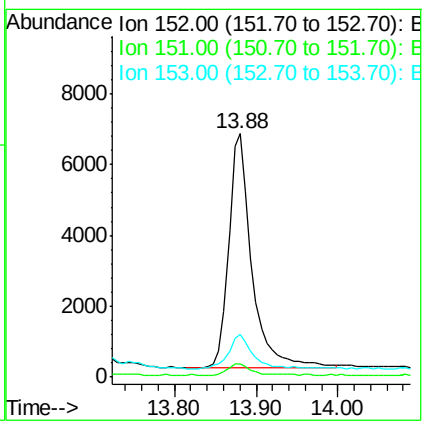


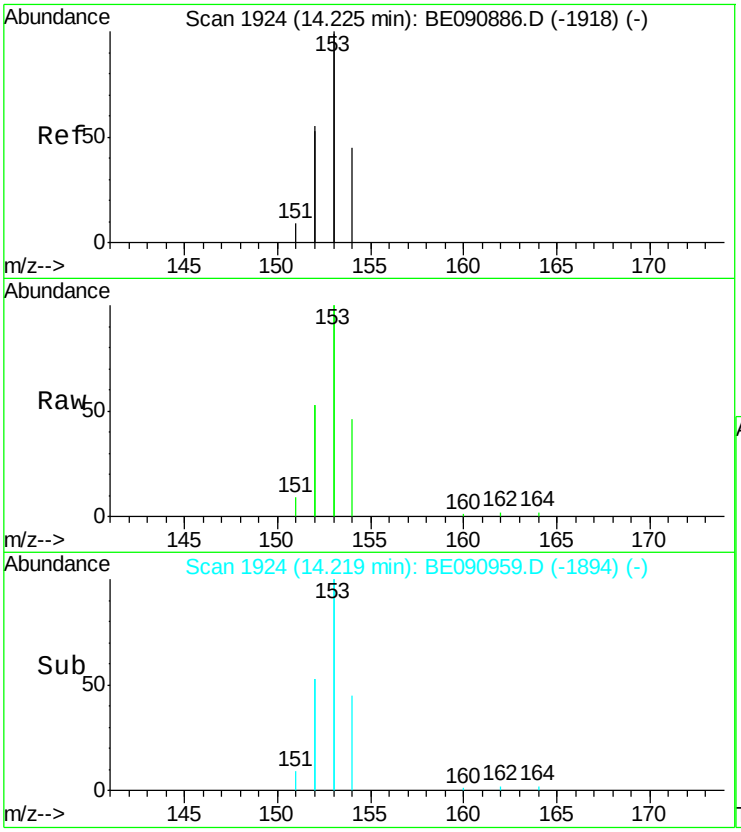


#16
Acenaphthylene
Concen: 0.08 ng
RT: 13.88 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:152 Resp: 13118

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	15.7	10.3	15.5#



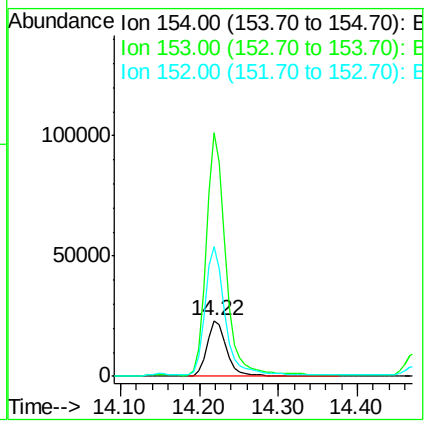


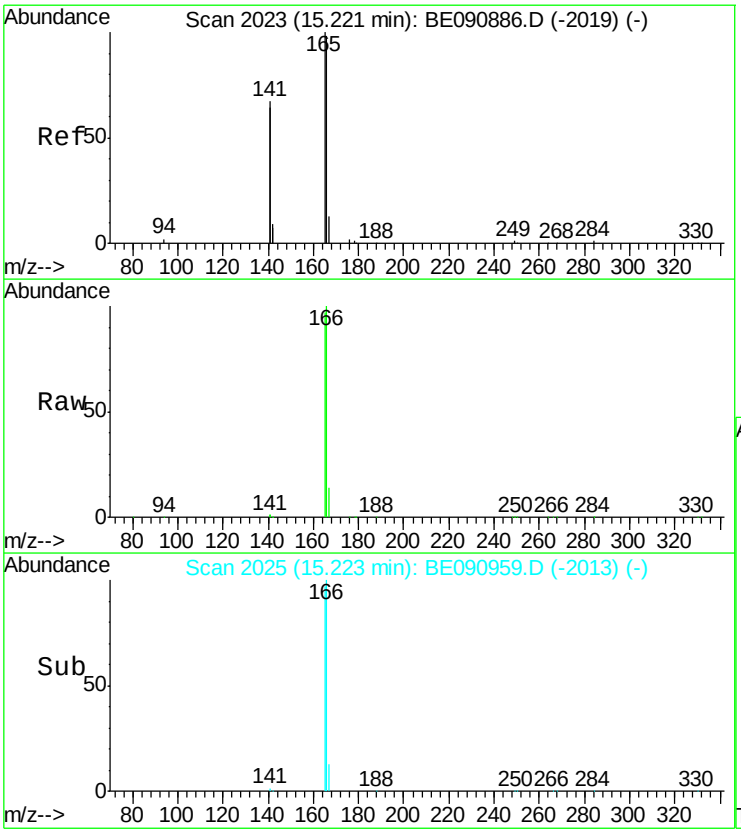
#17
Acenaphthene
Concen: 1.47 ng
RT: 14.22 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 38978

Ion	Ratio	Lower	Upper
154	100		
153	441.4	354.5	531.7
152	241.3	227.8	341.6

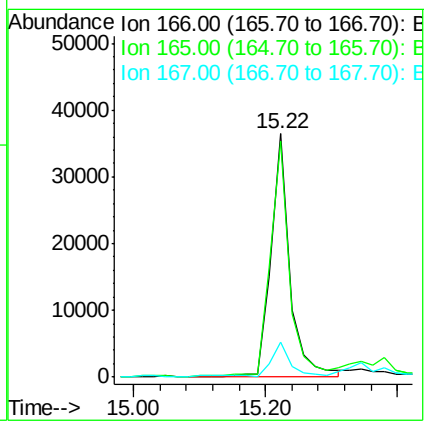


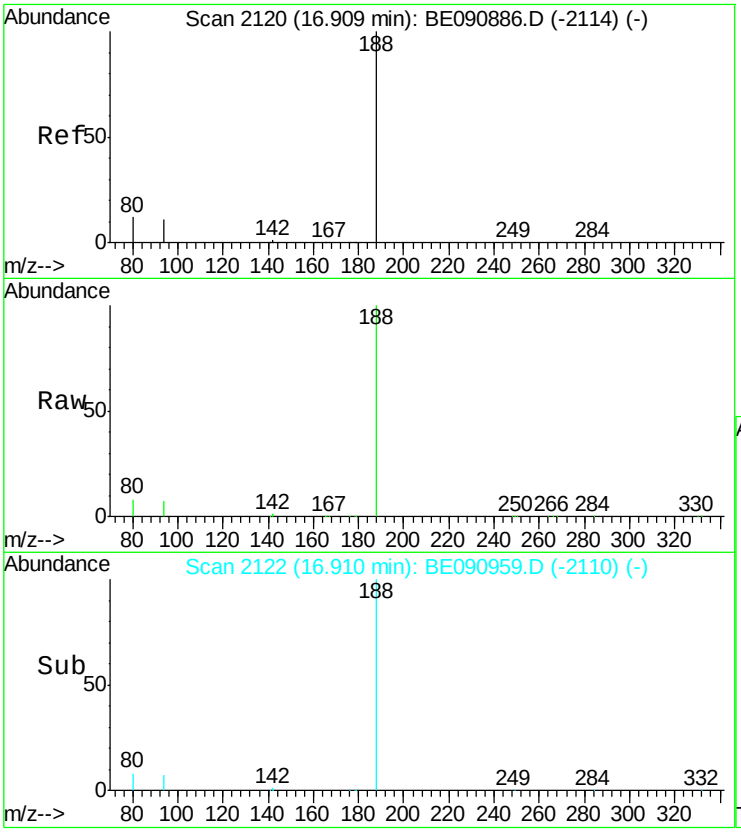


#18
Fluorene
Concen: 2.34 ng
RT: 15.22 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:166 Resp: 71841

Ion	Ratio	Lower	Upper
166	100		
165	98.8	82.7	124.1
167	12.8	10.7	16.1



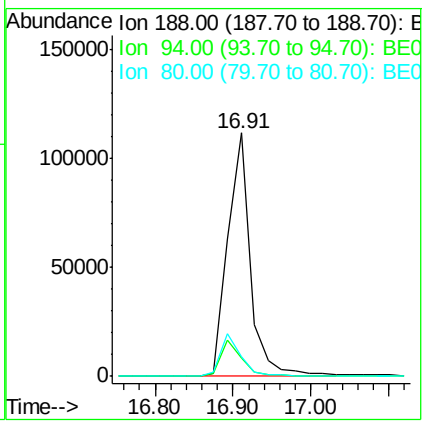


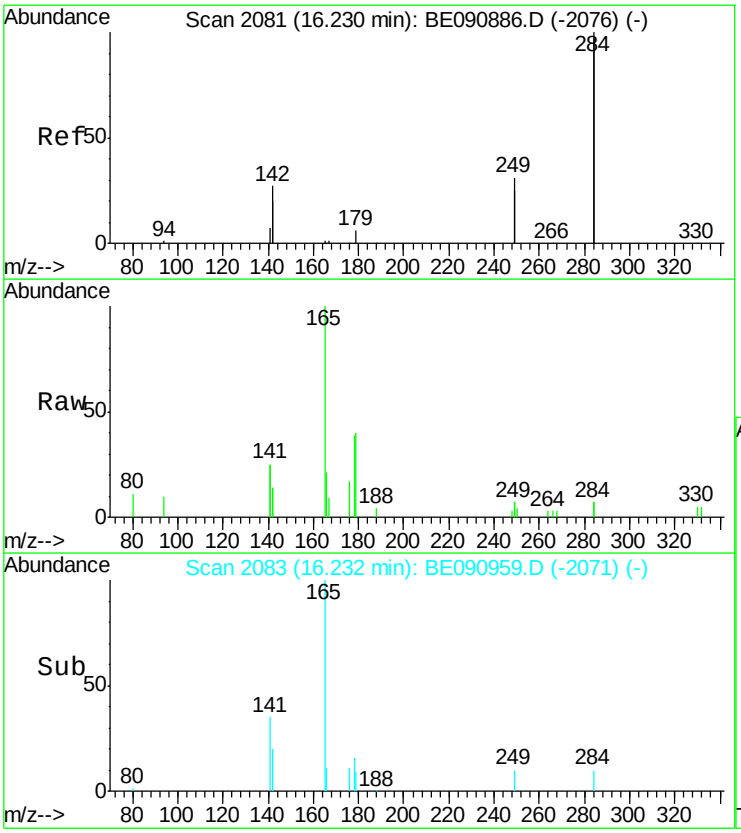
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 224982

Ion	Ratio	Lower	Upper
188	100		
94	7.3	10.3	15.5#
80	7.9	11.0	16.6#

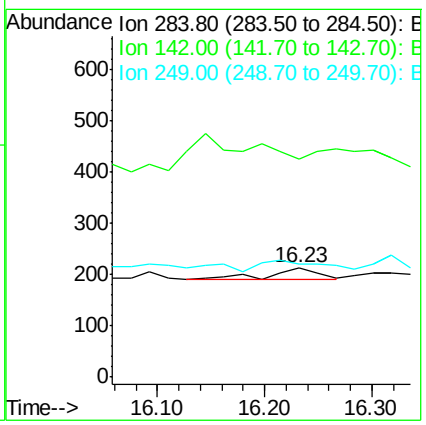


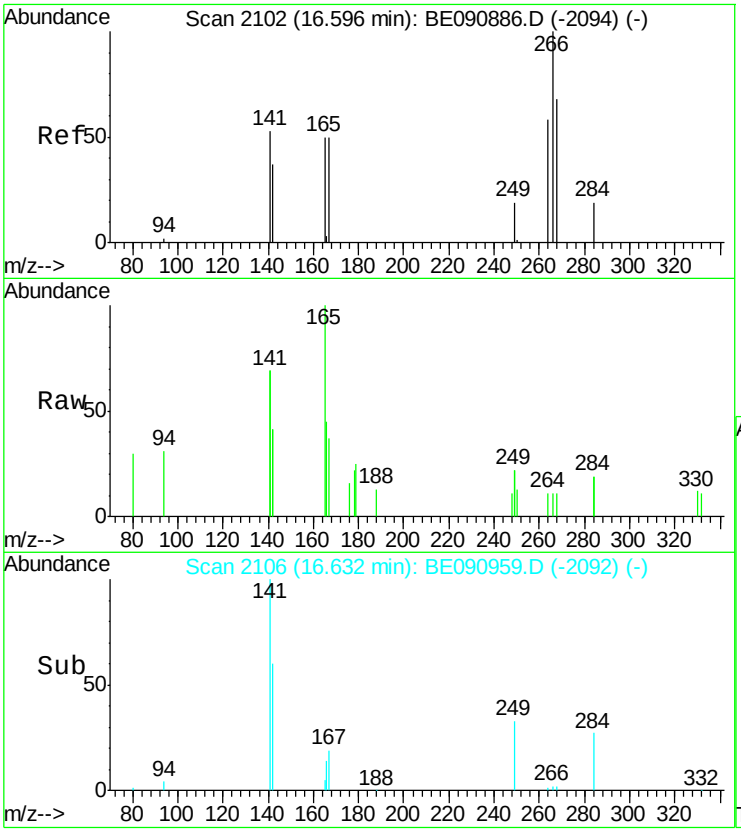


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:284 Resp: 65

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	135.4	25.5	38.3#



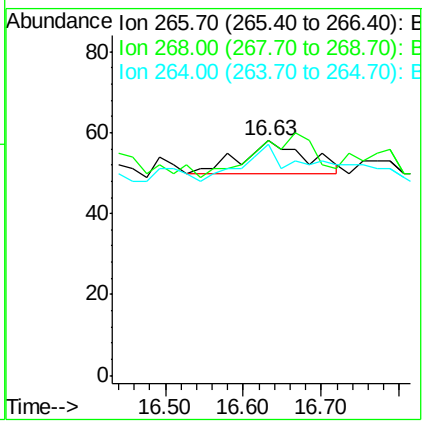


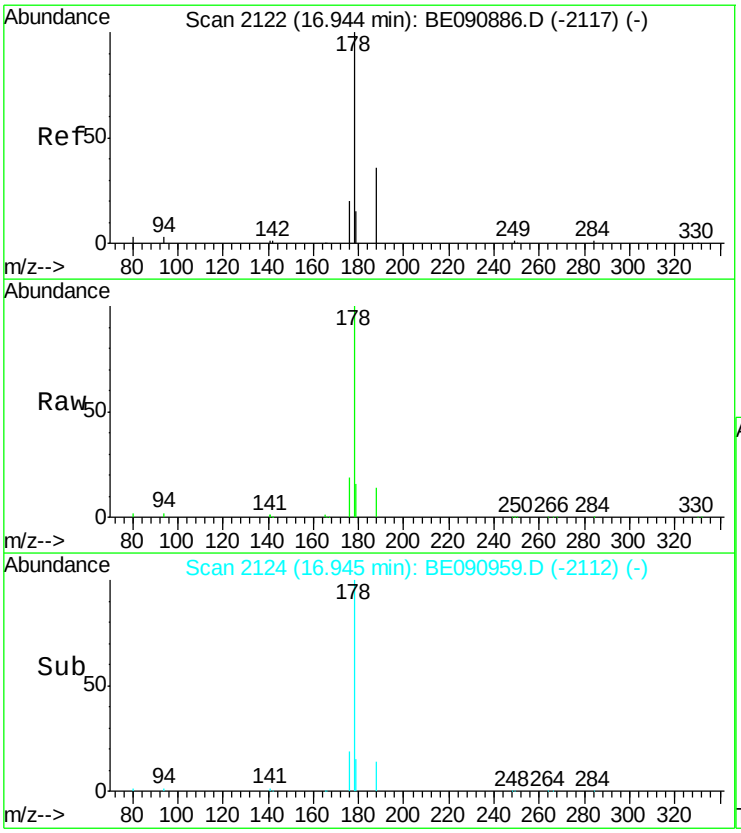
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 16.63 min Scan# 2106
Delta R.T. 0.04 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 45

Ion	Ratio	Lower	Upper
266	100		
268	100.0	49.6	74.4#
264	98.3	53.9	80.9#

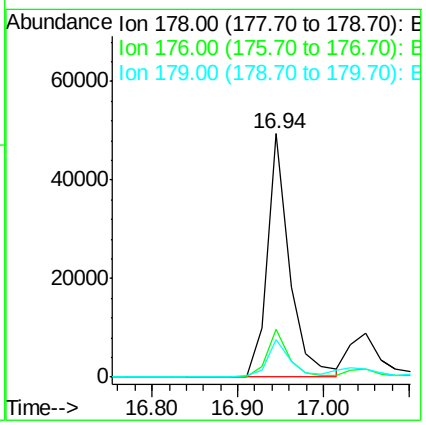


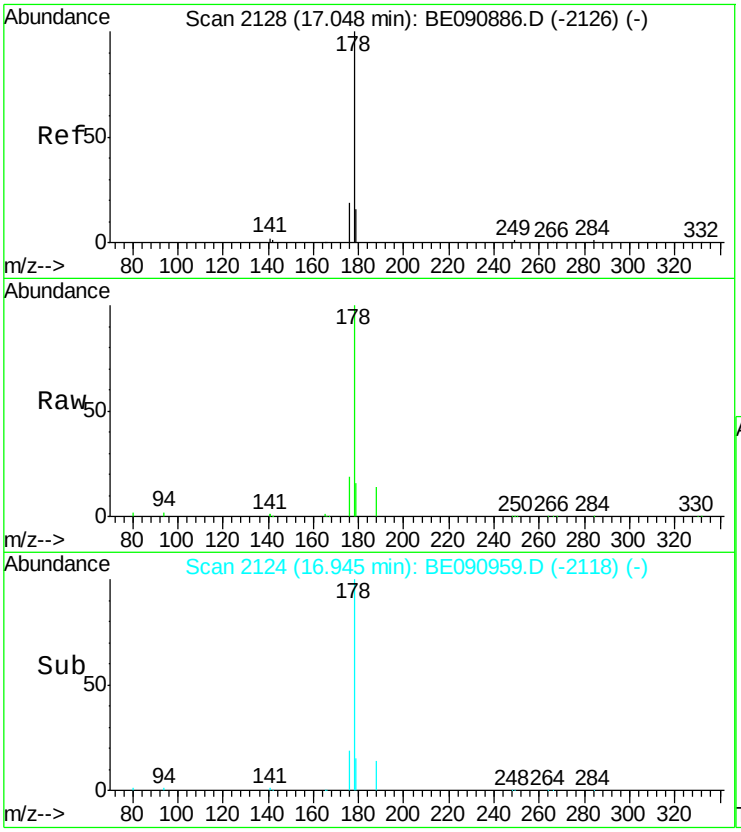


#23
Phenanthrene
Concen: 1.68 ng
RT: 16.94 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:178 Resp: 89365

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.8	12.8	19.2



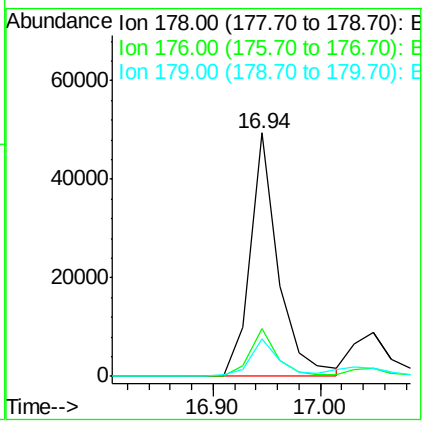


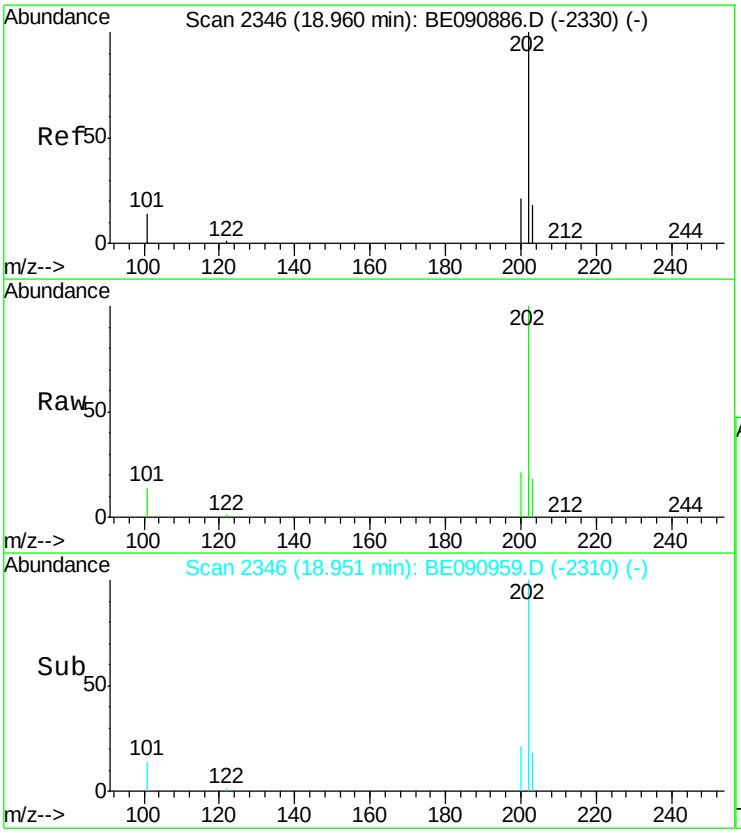
#24
Anthracene
Concen: 1.74 ng
RT: 16.94 min Scan# 2124
Delta R.T. -0.10 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 89454

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.7	12.3	18.5

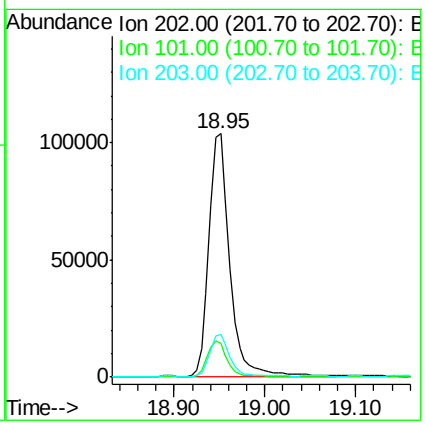


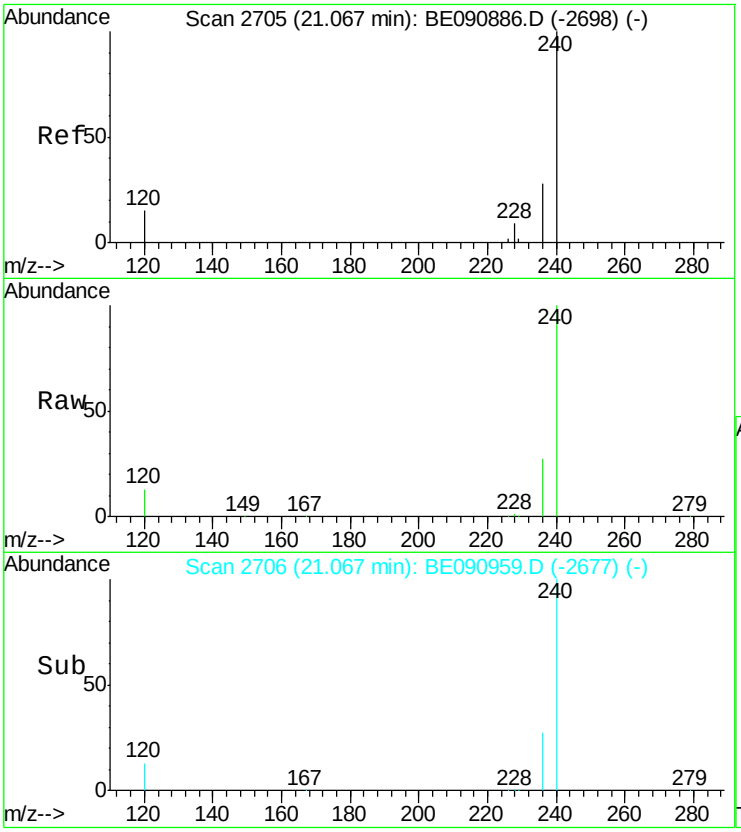


#25
Fluoranthene
Concen: 2.43 ng
RT: 18.95 min Scan# 2346
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:202 Resp: 166860

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.6
203	17.1	13.9	20.9



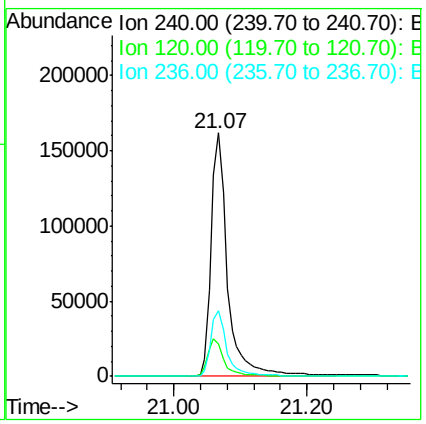


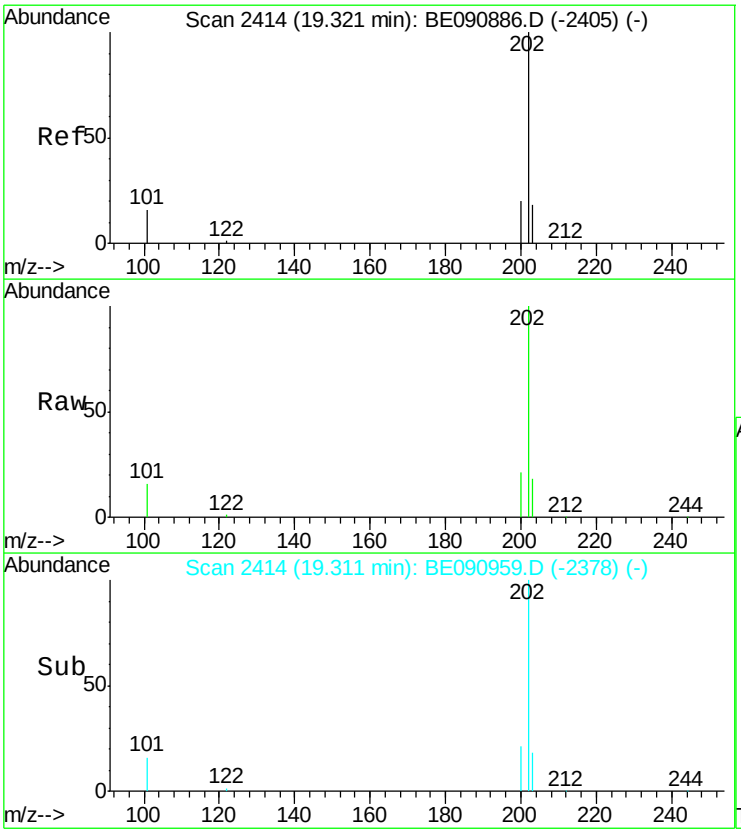
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2706
Delta R.T. 0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 273848

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.1	15.1
236	27.1	21.9	32.9

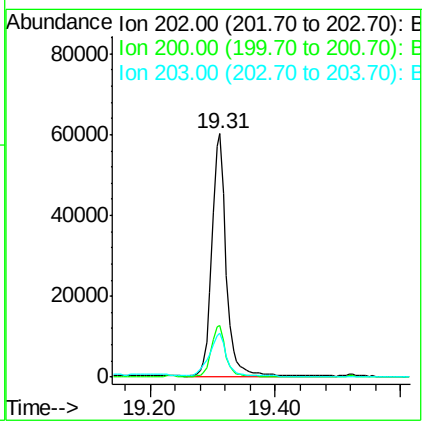


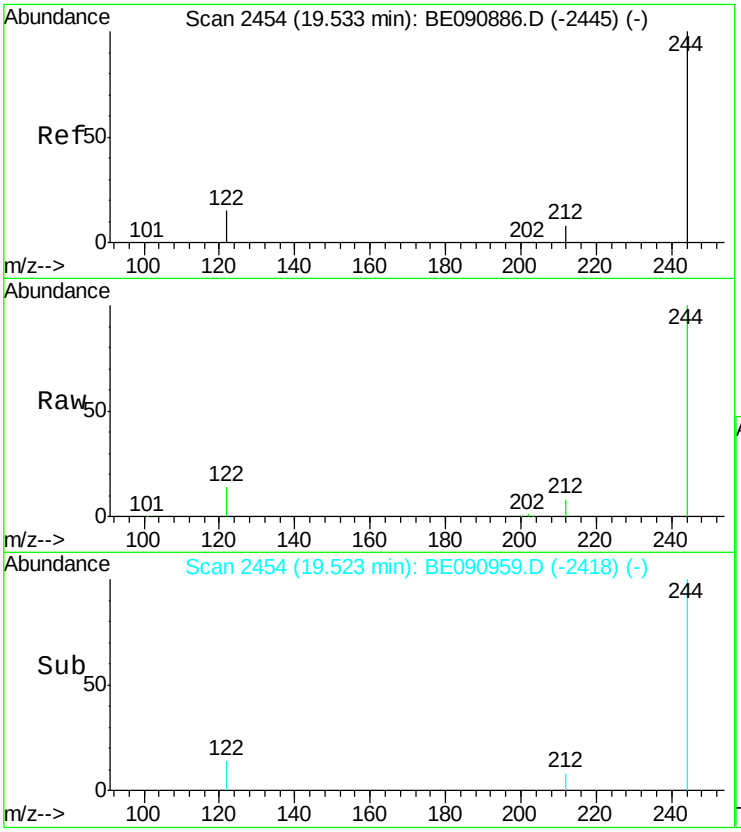


#27
Pyrene
Concen: 1.51 ng
RT: 19.31 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:202 Resp: 94668

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	20.7	13.8	20.6#



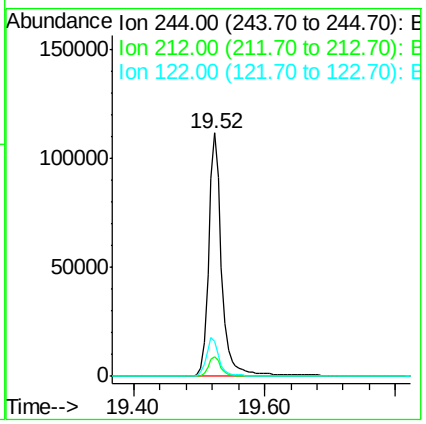


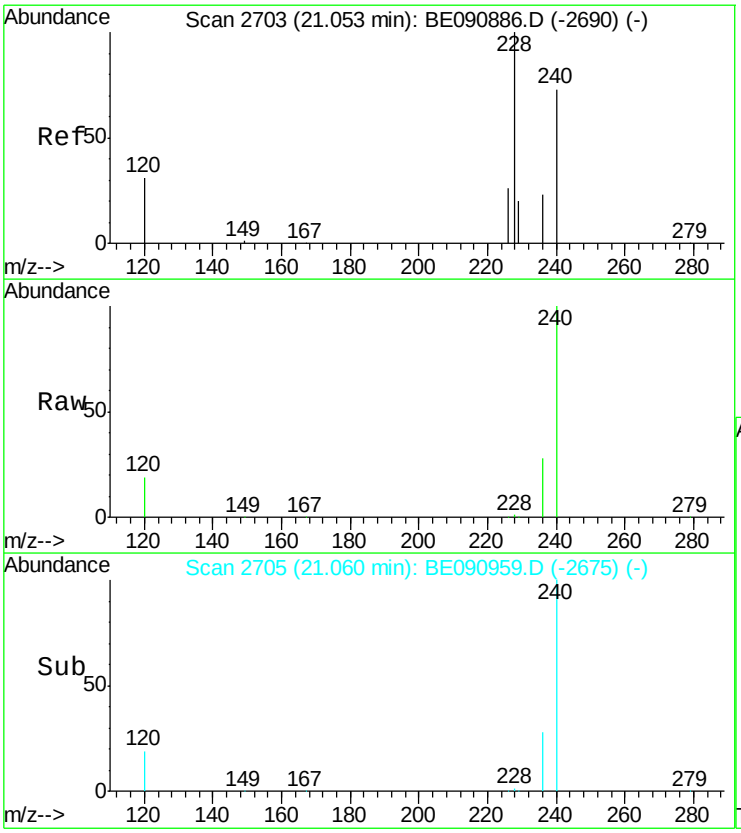
#28
Terphenyl-d14
Concen: 4.98 ng
RT: 19.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 154386

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	14.5	12.9	19.3

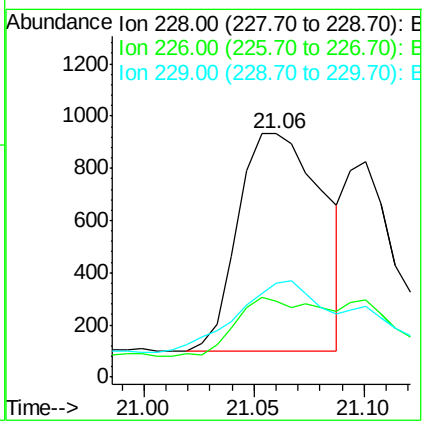


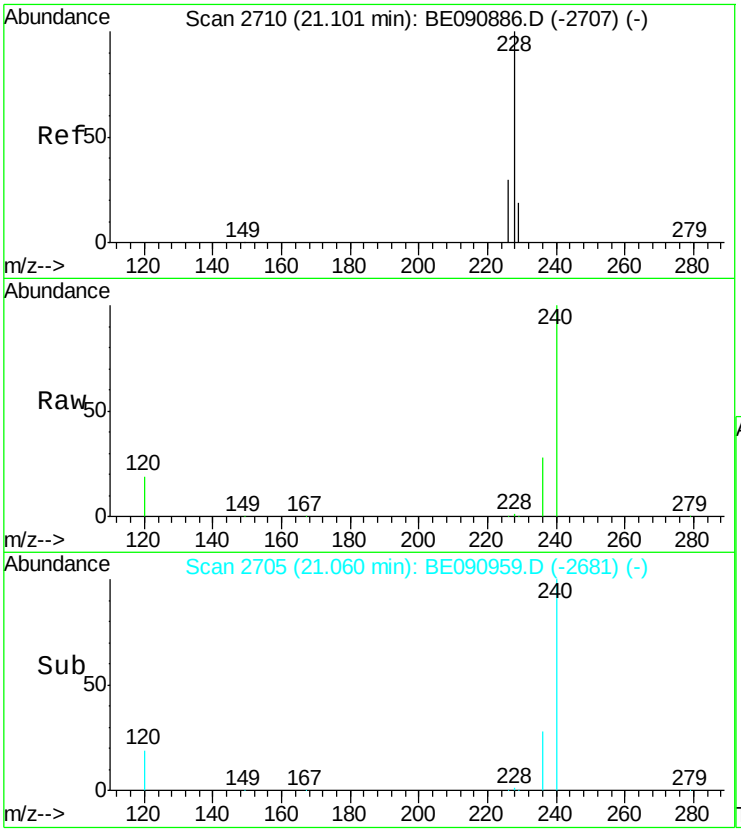


#29
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.06 min Scan# 2705
Delta R.T. 0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:228 Resp: 2247

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.6	32.4
229	38.6	15.9	23.9#



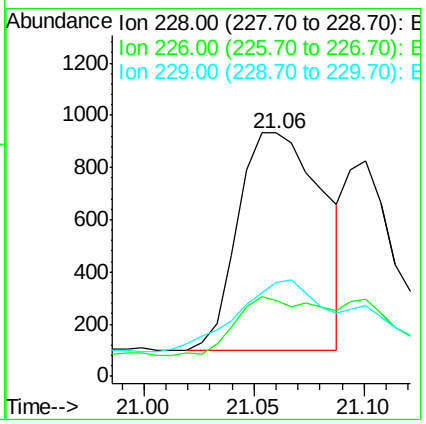


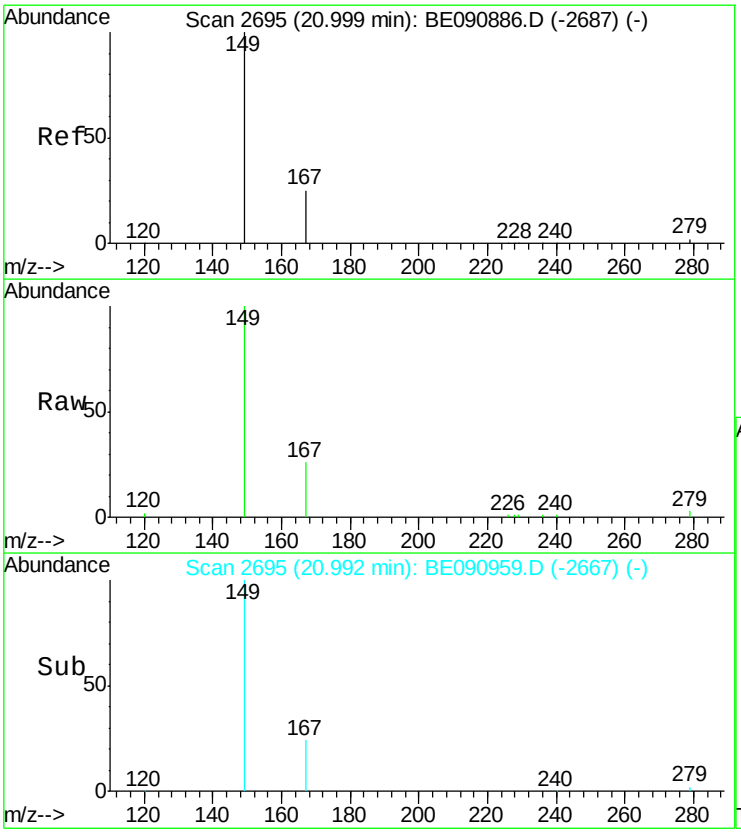
#30
Chrysene
Concen: Below Cal
RT: 21.06 min Scan# 2705
Delta R.T. -0.04 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2247

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	38.6	15.3	22.9#

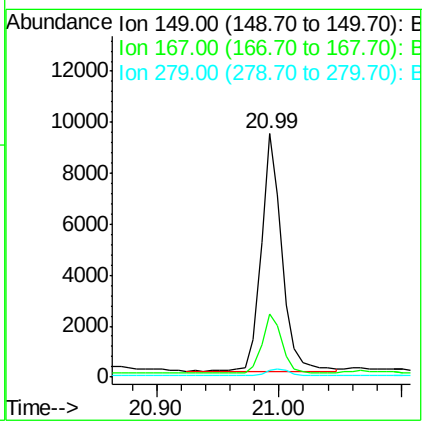


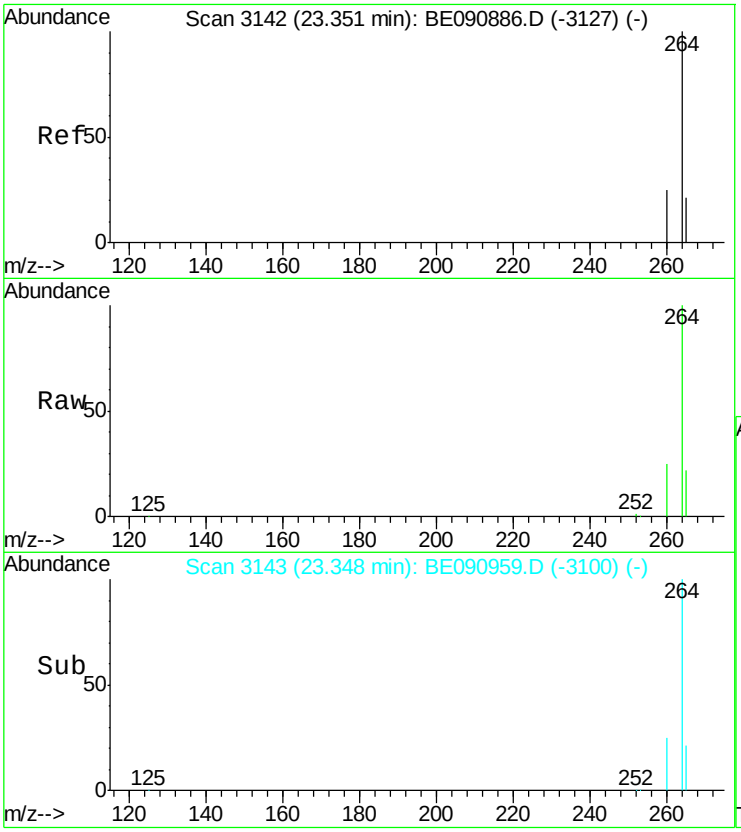


#31
Bis(2-ethylhexyl)phthalate
Concen: 0.51 ng
RT: 20.99 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:149 Resp: 11089

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.1	30.1
279	3.0	2.3	3.5



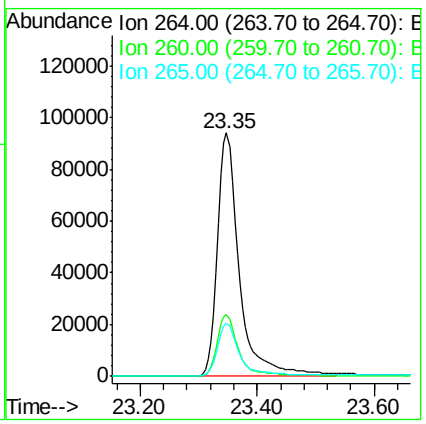


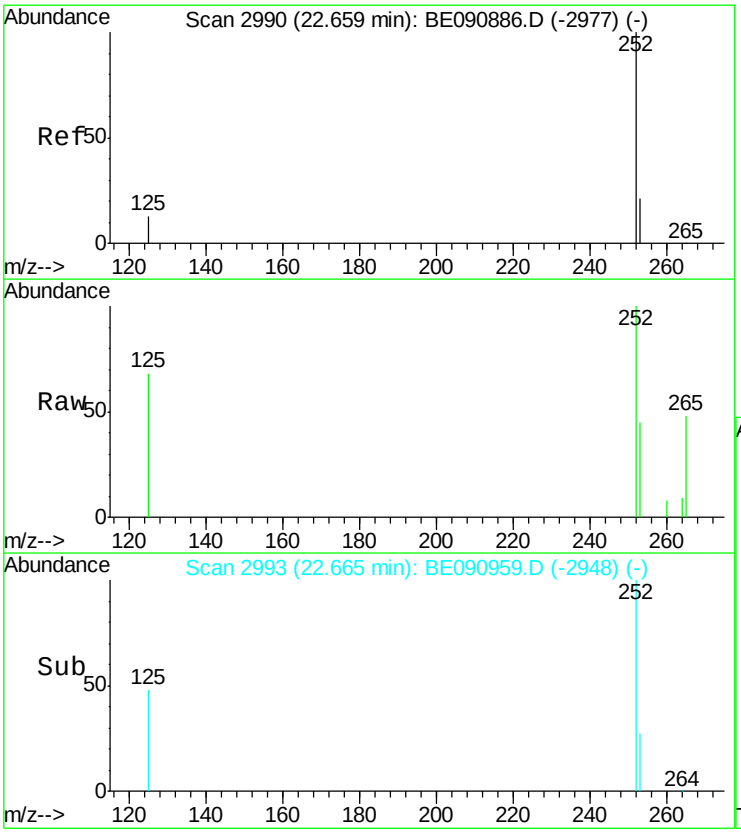
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 242114

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.7	17.5	26.3





#34
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.66 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BE090959.D
Acq: 23 Sep 2015 21:12

Tgt Ion:252 Resp: 1359

Ion	Ratio	Lower	Upper
252	100		
253	45.1	17.9	26.9#
125	67.9	10.6	16.0#