Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
Data File : BE090697.D
Acq On : 2 Sep 2015 9:51
Operator : UM/IZ
Sample : G3495-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 082815-D534-F-D-S

Quant Time: Sep 02 12:19:58 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	7.56	152	42450	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	186823	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	100493	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	261027	5.00	ng		0.00
25) Chrysene-d12	21.07	240	332085	5.00	ng		0.00
32) Perylene-d12	23.36	264	310271	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	19313	2.35	ng		0.00
5) Phenol-d6	6.76	99	18843	1.59	ng		0.00
7) Nitrobenzene-d5	8.72	82	31614	2.56	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	24166	8.19	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	81929	2.94	ng		0.00
27) Terphenyl-d14	19.53	244	203018	5.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	120	Below Cal		#	37
3) n-Nitrosodimethylamine	3.44	42	138	Below Cal		#	1
8) Nitrobenzene	8.75	77	15	0.11	ng	#	63
20) Hexachlorobenzene	16.25	284	148	Below Cal		#	33
21) Pentachlorophenol	16.60	266	68	0.48	ng	#	60
29) Chrysene	21.07	228	1425	Below Cal		#	75
30) Bis(2-ethylhexyl)phthalate	21.00	149	3071	0.22	ng		99
36) Dibenzo(a,h)anthracene	25.73	278	28	0.14	ng	#	1

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

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082815-D534-F-D-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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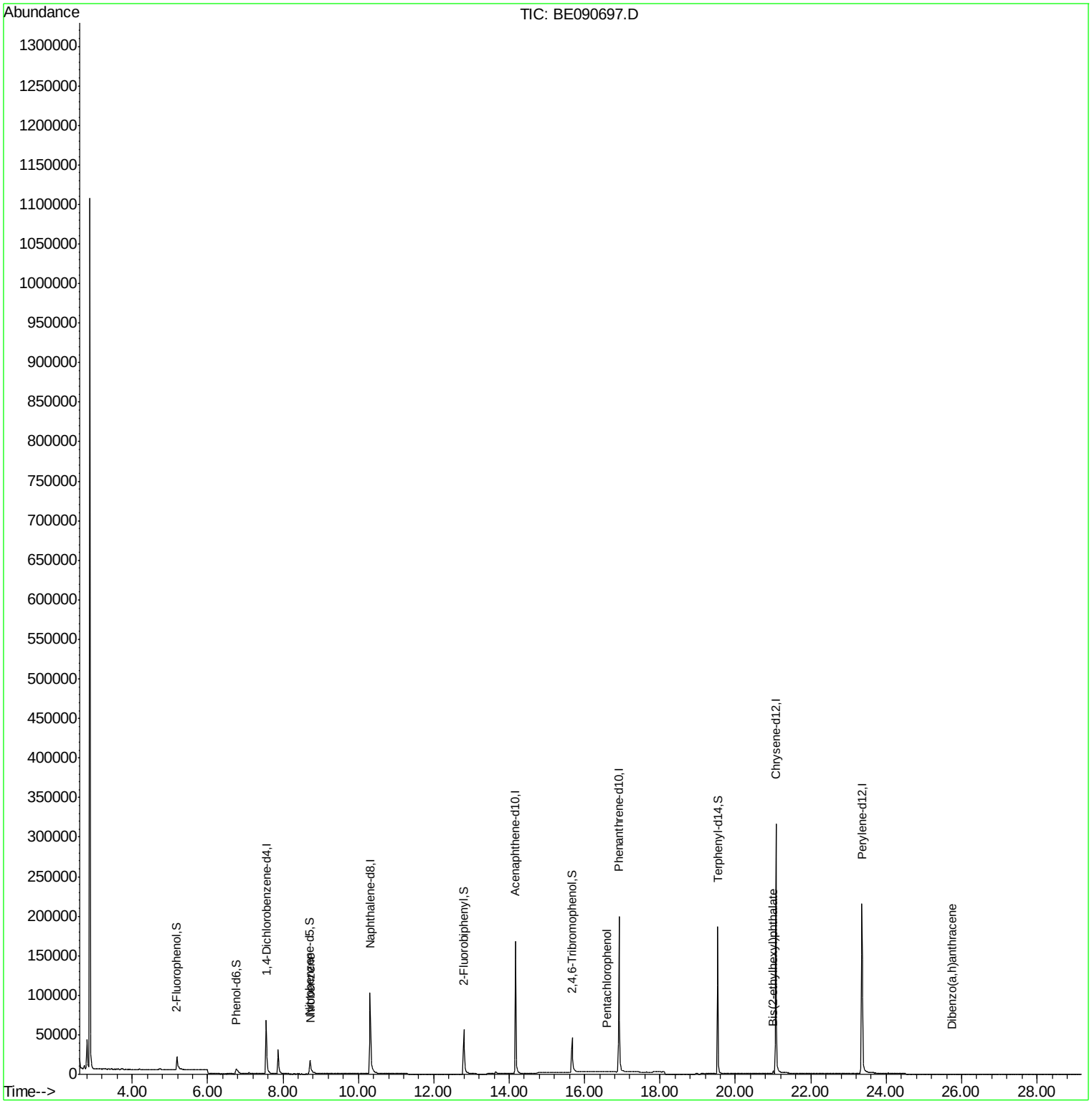
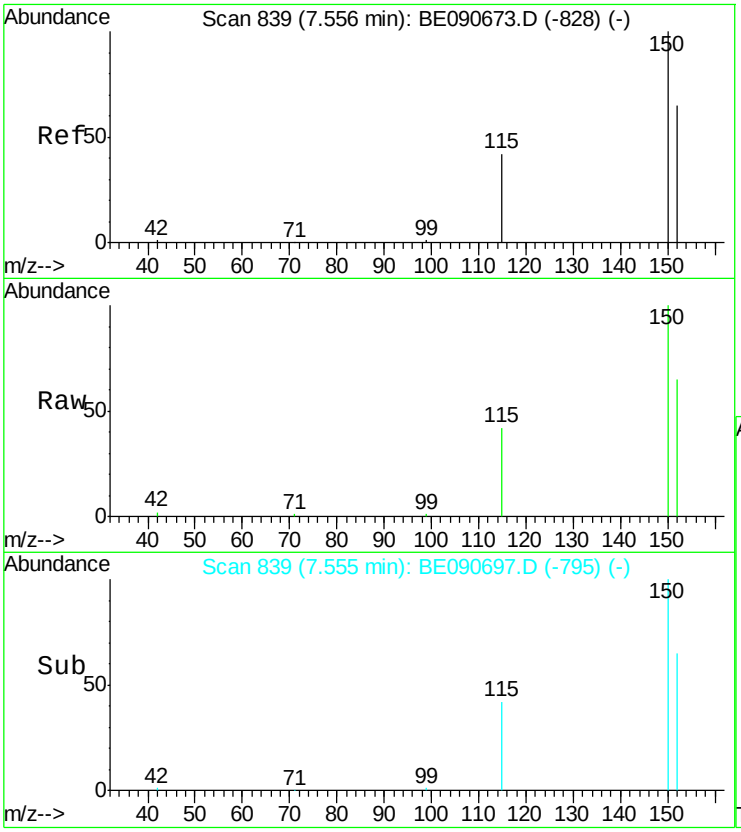


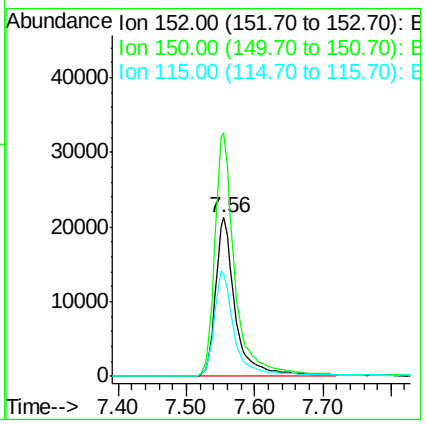


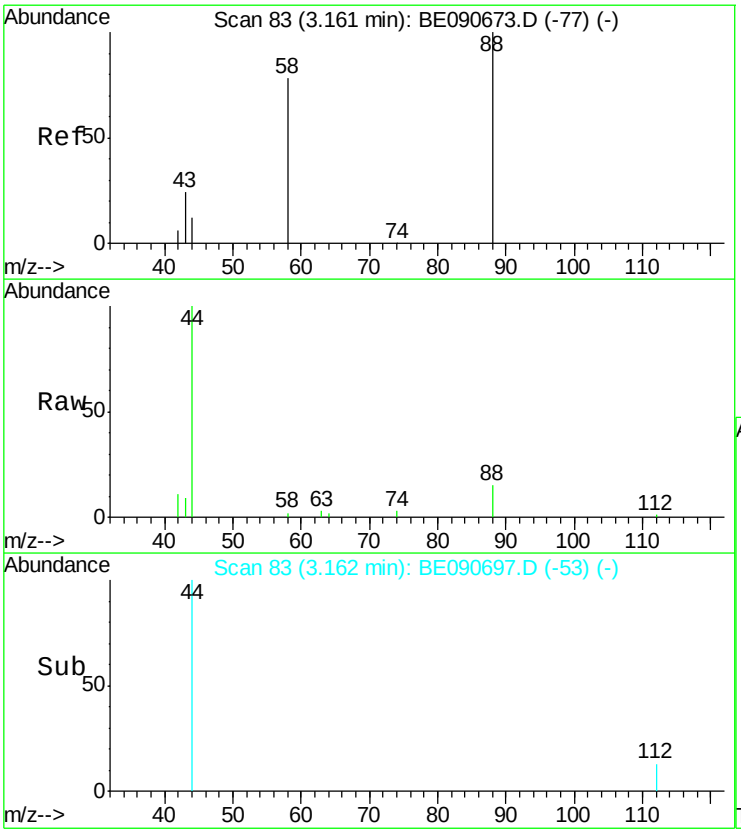
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.56 min Scan# 839
Delta R.T. -0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion:152 Resp: 42450

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.2	183.4
115	64.8	51.0	76.4

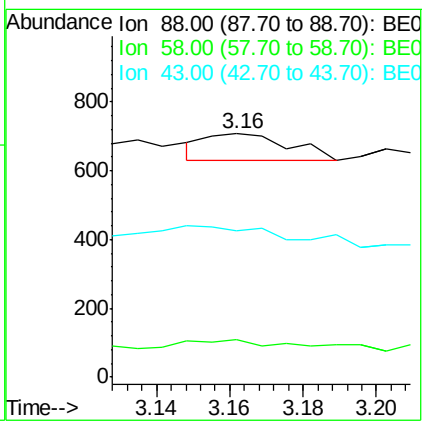


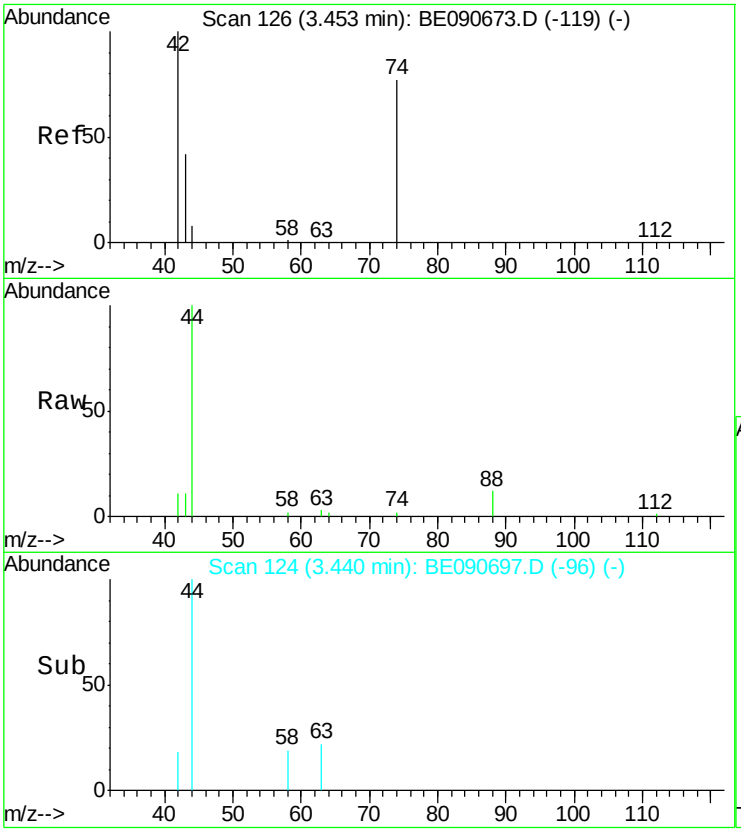


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 83
Delta R.T. 0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion: 88 Resp: 120

Ion	Ratio	Lower	Upper
88	100		
58	60.8	68.4	102.6#
43	121.7	26.9	40.3#



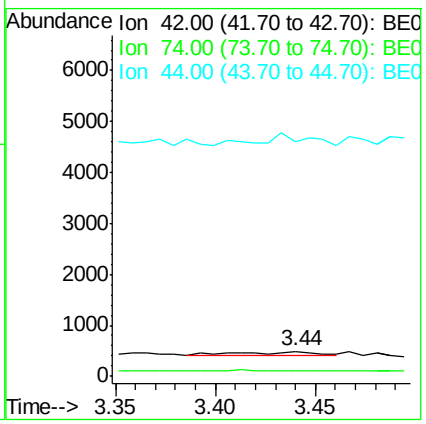


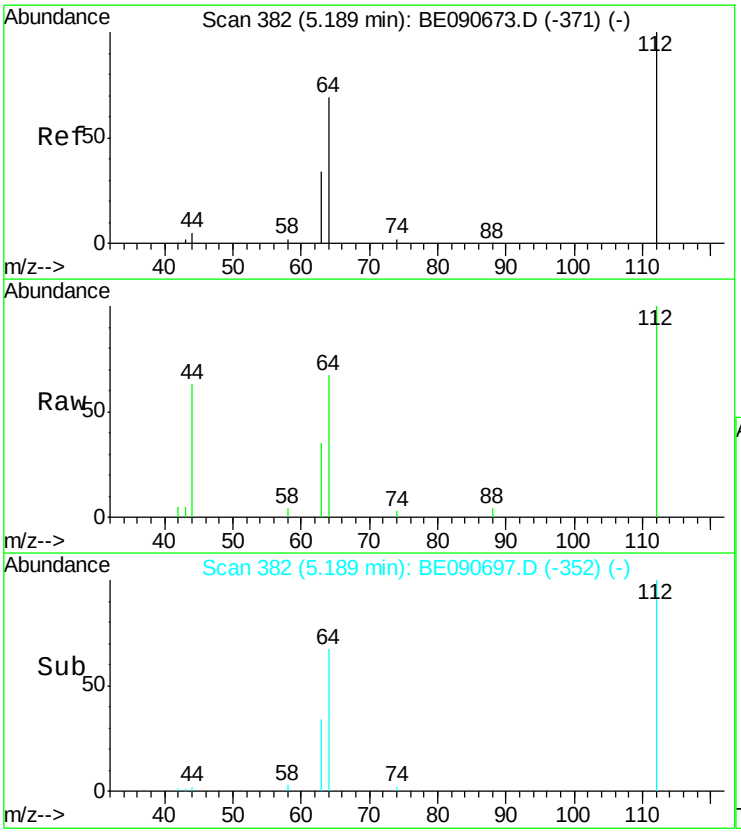
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion: 42 Resp: 138

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	234.1	10.0	15.0#

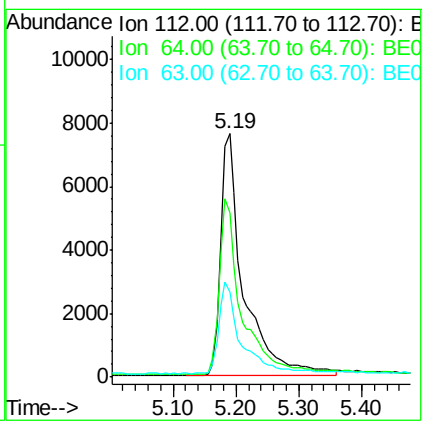


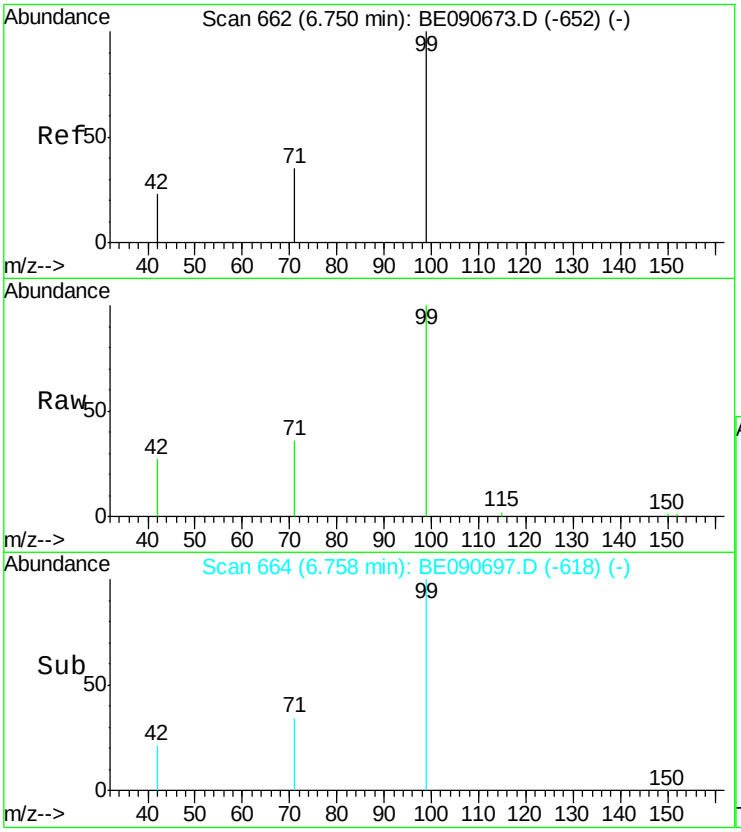


#4
2-Fluorophenol
Concen: 2.35 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion:112 Resp: 19313

Ion	Ratio	Lower	Upper
112	100		
64	72.0	57.3	85.9
63	36.4	29.2	43.8



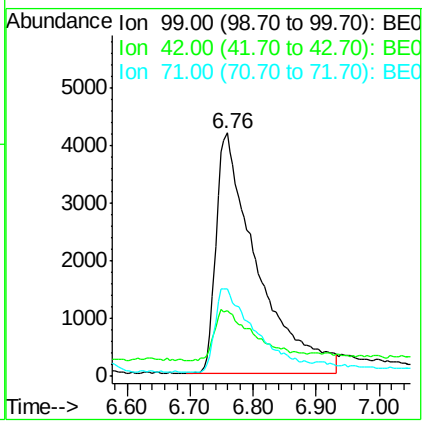


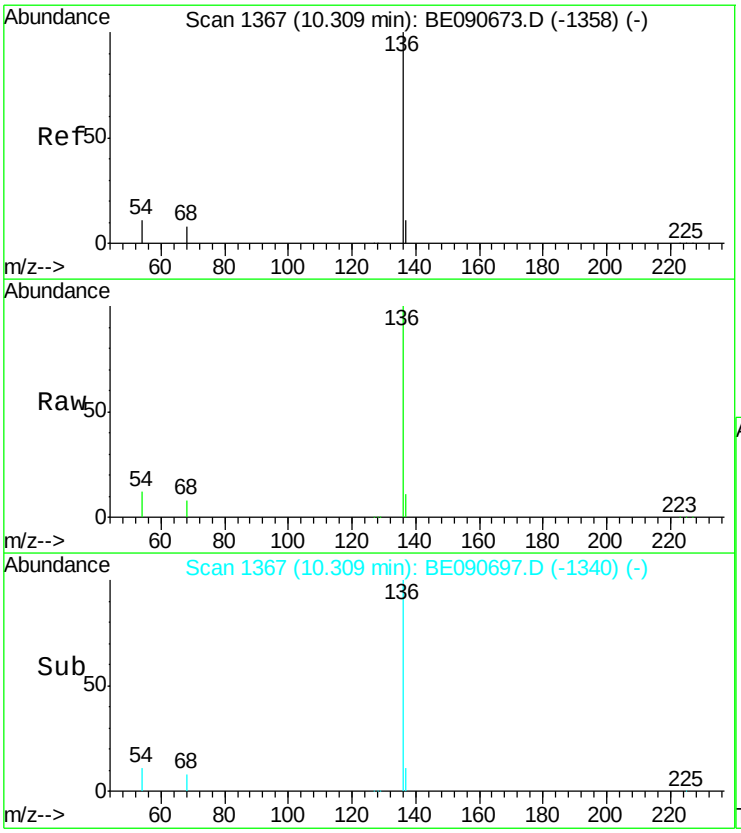
#5
Phenol-d6
Concen: 1.59 ng
RT: 6.76 min Scan# 664
Delta R.T. 0.01 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion: 99 Resp: 18843

Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.8	25.2
71	34.7	28.3	42.5

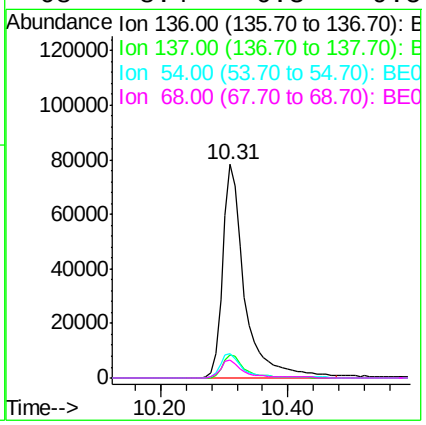


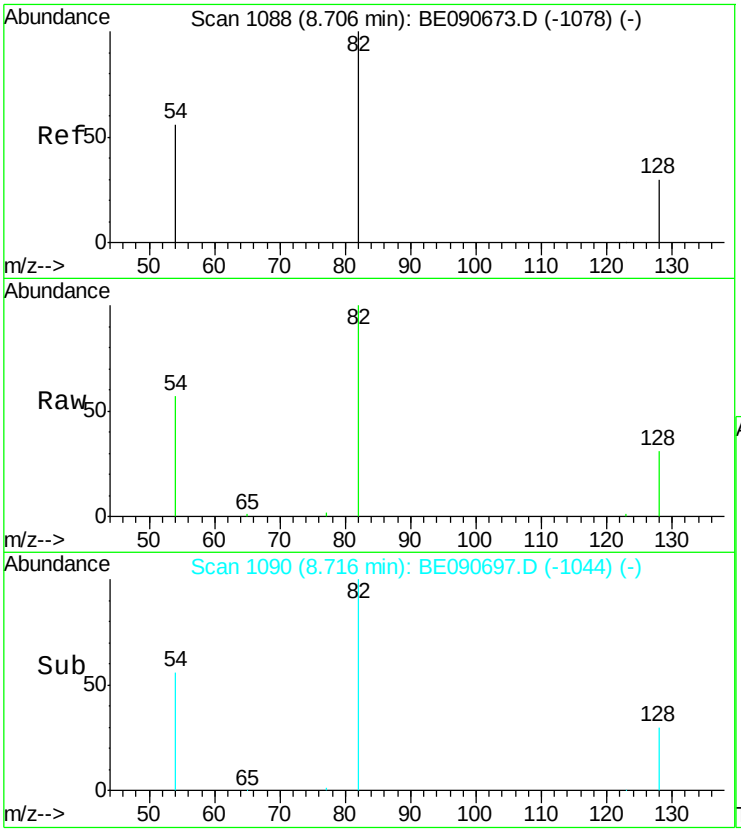


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion:136 Resp: 186823

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.6	9.0	13.6
68	8.4	6.3	9.5



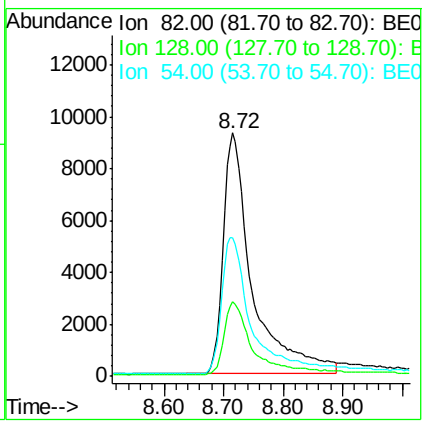


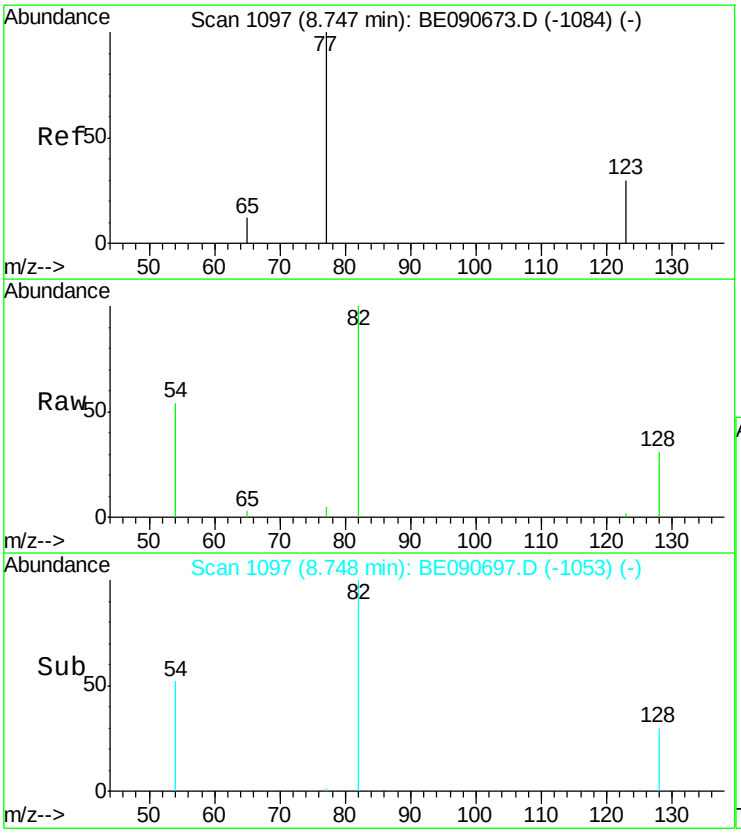
#7
Nitrobenzene-d5
Concen: 2.56 ng
RT: 8.72 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion: 82 Resp: 31614

Ion	Ratio	Lower	Upper
82	100		
128	30.7	25.0	37.4
54	57.1	46.3	69.5

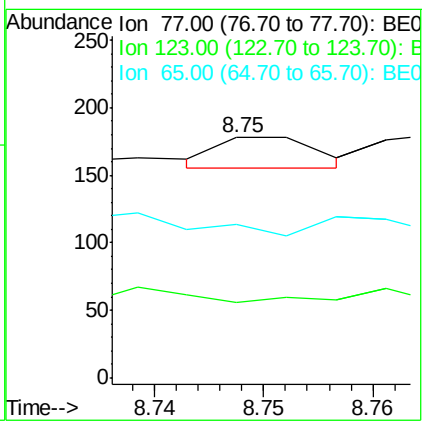


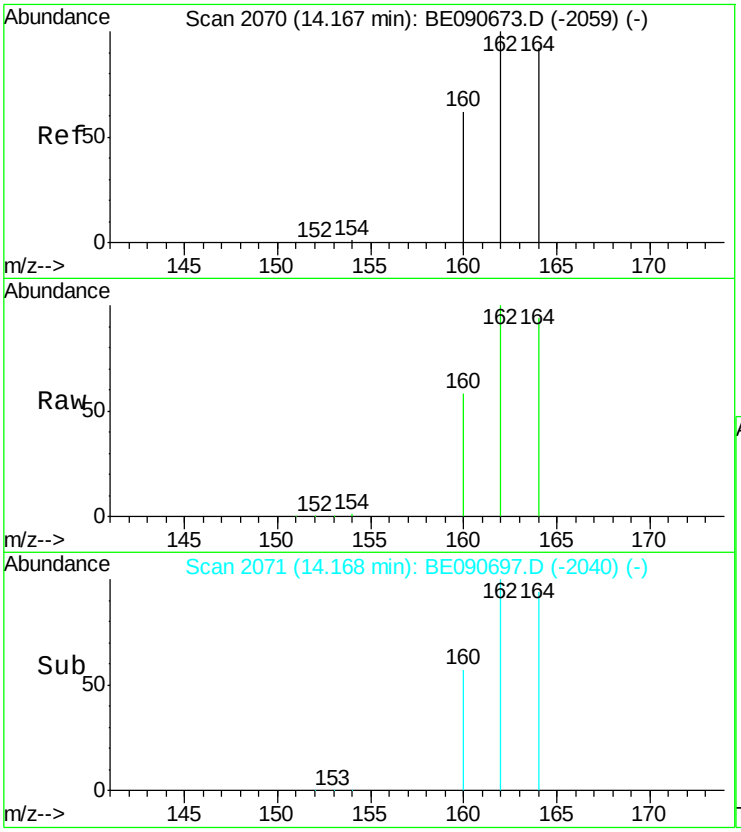


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.75 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion: 77 Resp: 15

Ion	Ratio	Lower	Upper
77	100		
123	53.3	25.1	37.7#
65	0.0	9.9	14.9#



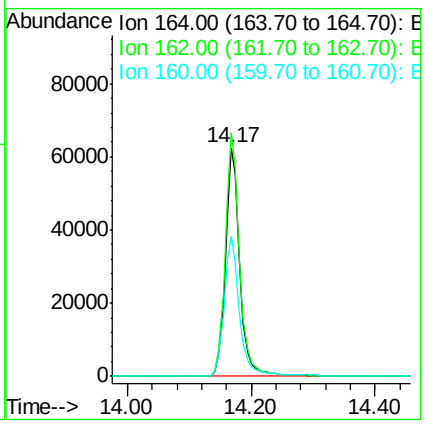


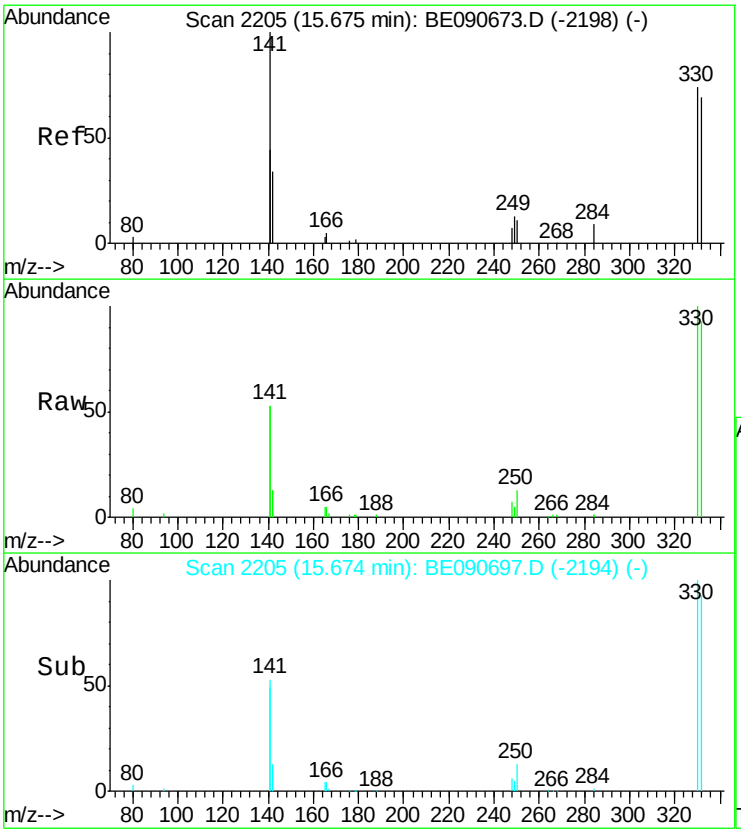
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion:164 Resp: 100493

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.8	130.2
160	61.2	53.9	80.9

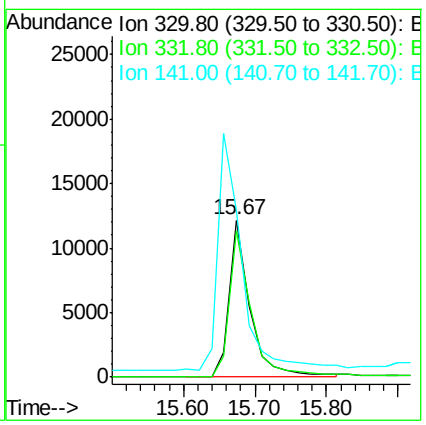


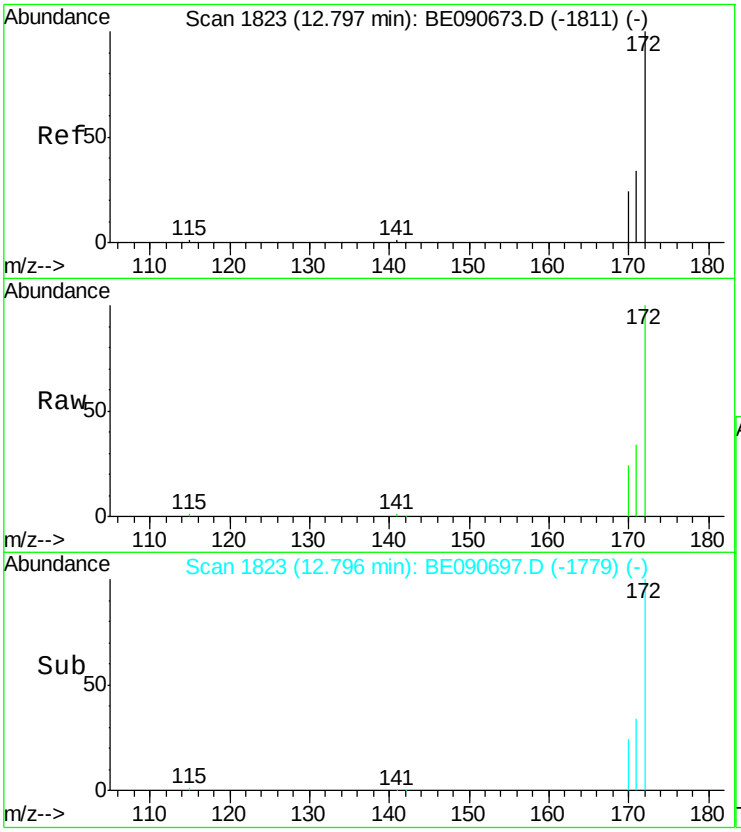


#13
2,4,6-Tribromophenol
Concen: 8.19 ng
RT: 15.67 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion:330 Resp: 24166

Ion	Ratio	Lower	Upper
330	100		
332	96.7	74.9	112.3
141	175.6	145.2	217.8



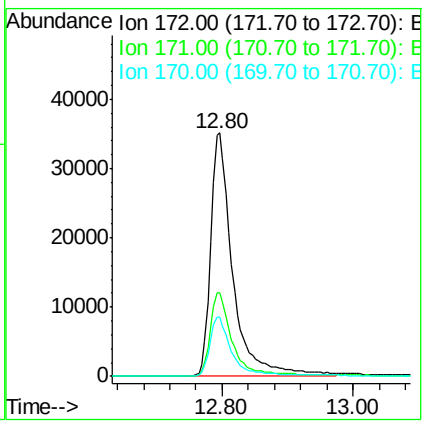


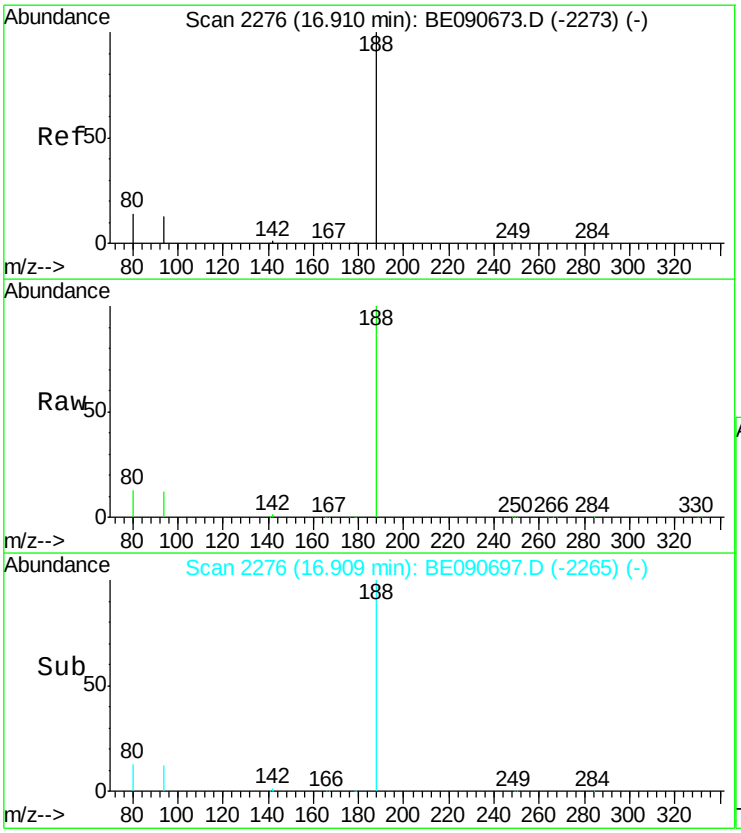
#14
2-Fluorobiphenyl
Concen: 2.94 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion:172 Resp: 81929

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	24.1	19.8	29.6

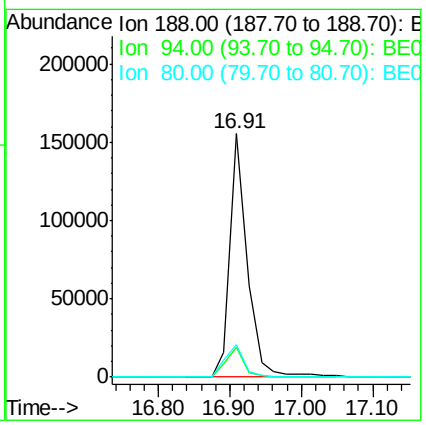


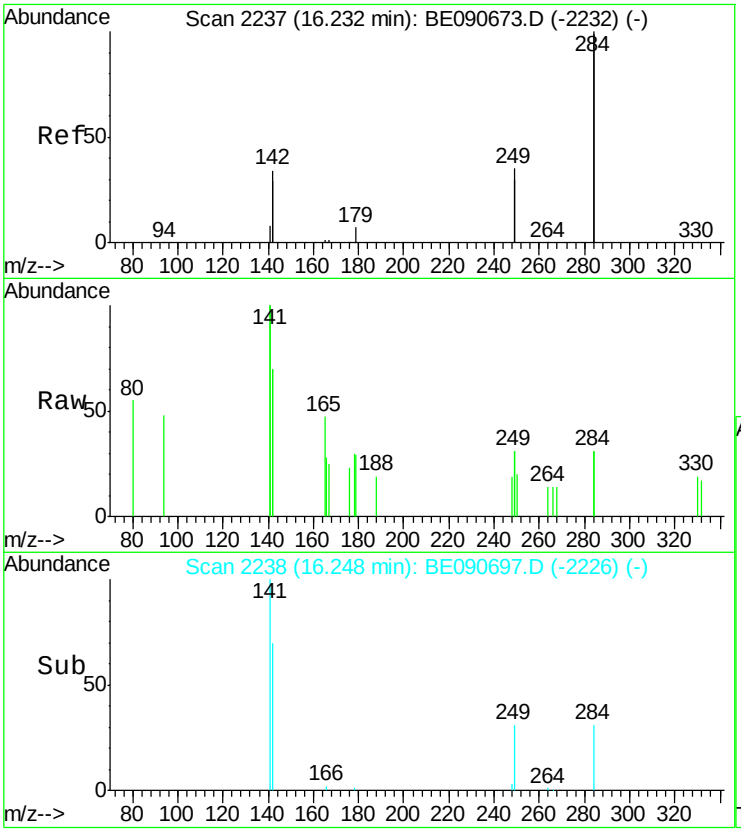


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion:188 Resp: 261027

Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.3	15.5
80	13.4	11.0	16.6



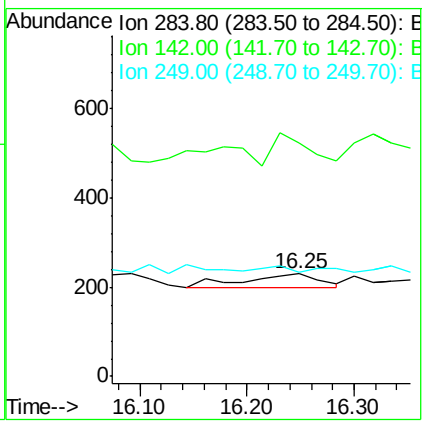


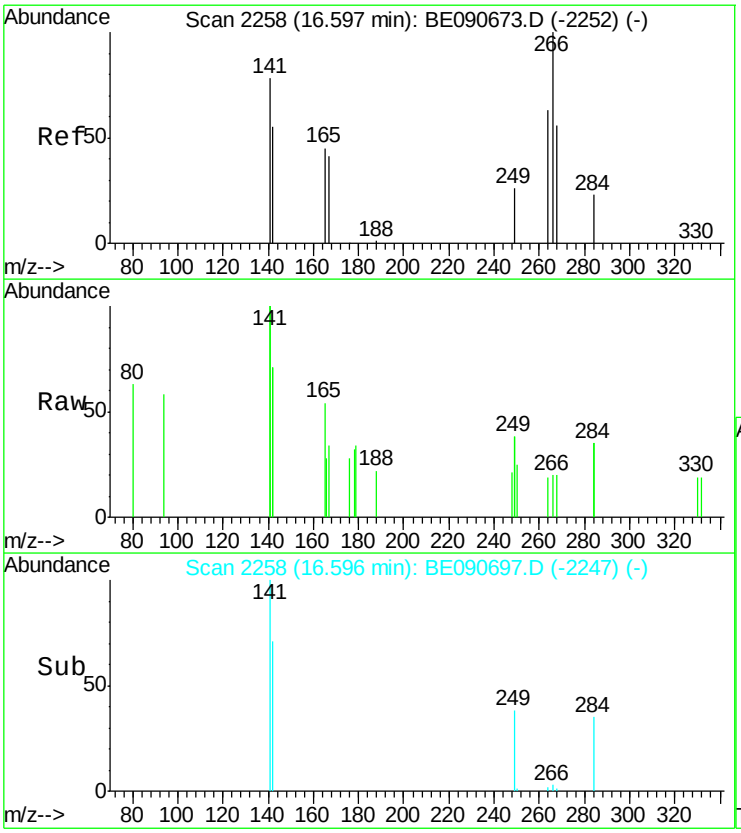
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion:284 Resp: 148

Ion	Ratio	Lower	Upper
284	100		
142	114.2	35.0	52.4#
249	26.4	25.5	38.3

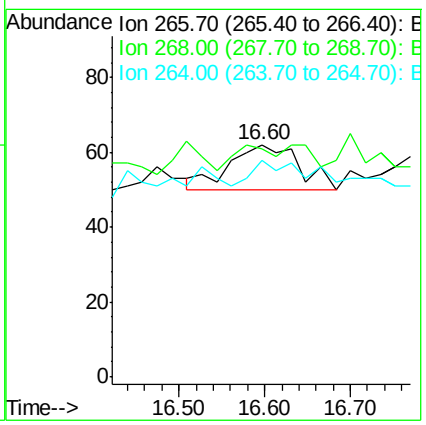


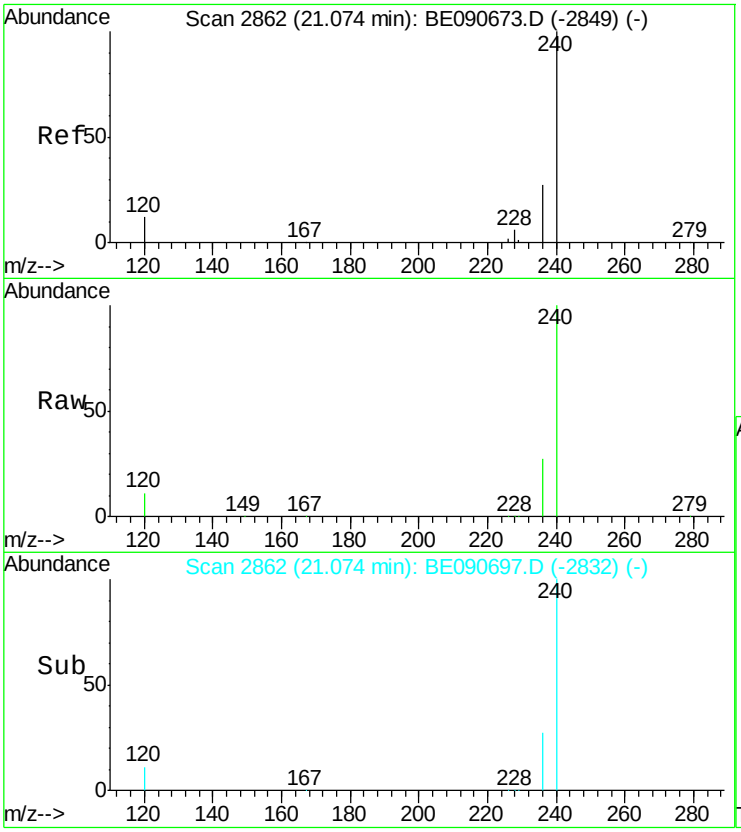


#21
Pentachlorophenol
Concen: 0.48 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion:266 Resp: 68

Ion	Ratio	Lower	Upper
266	100		
268	98.4	49.6	74.4#
264	93.5	53.9	80.9#



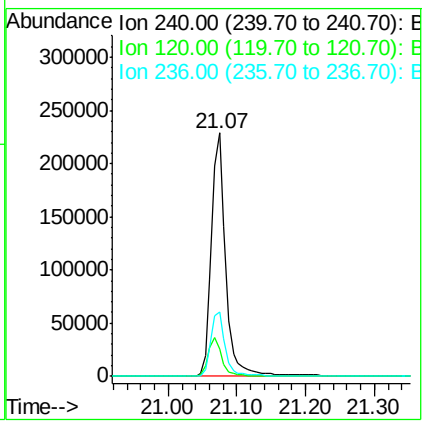


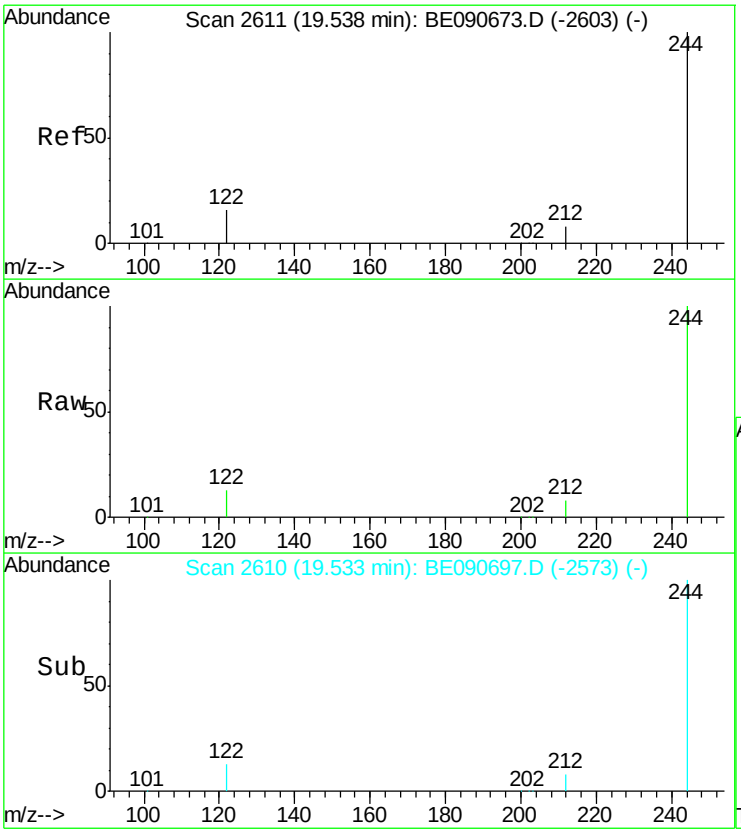
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion:240 Resp: 332085

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.1	15.1
236	26.5	21.9	32.9

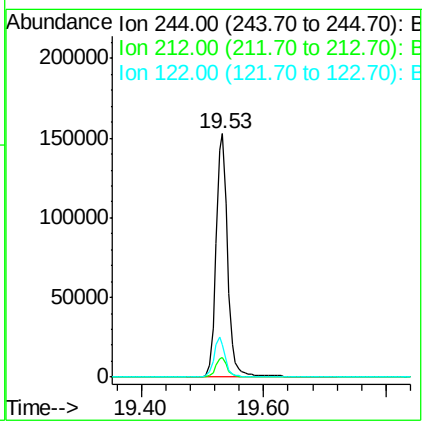


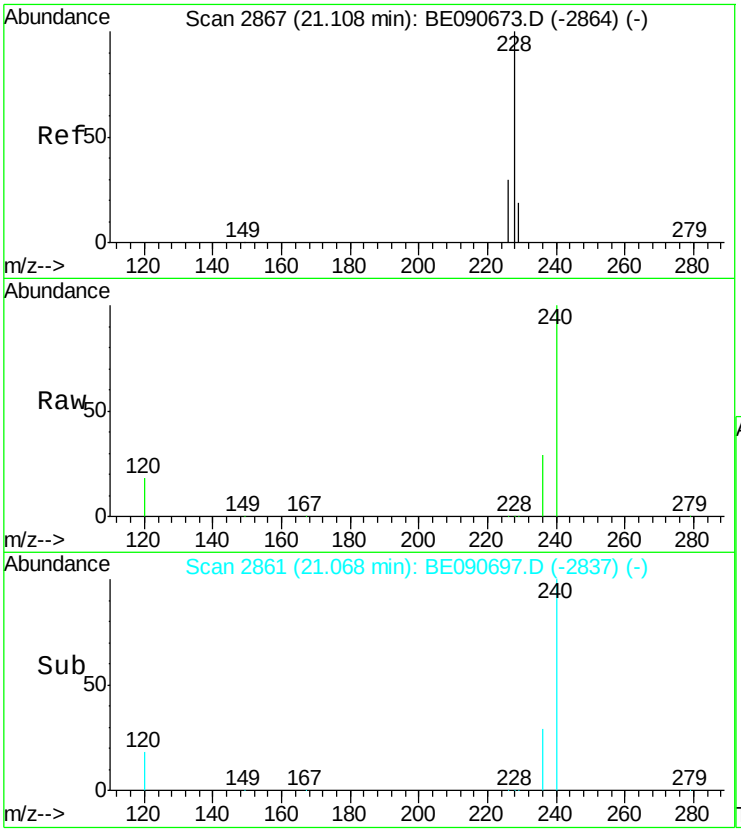


#27
Terphenyl-d14
Concen: 5.53 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion:244 Resp: 203018

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	13.3	12.9	19.3



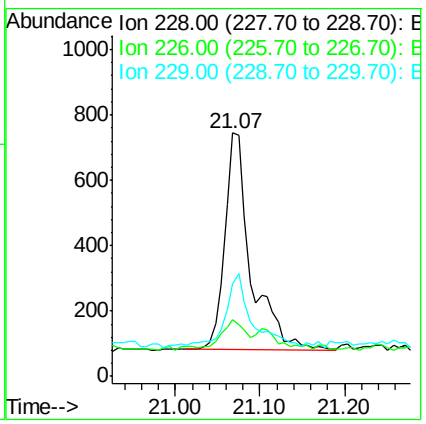


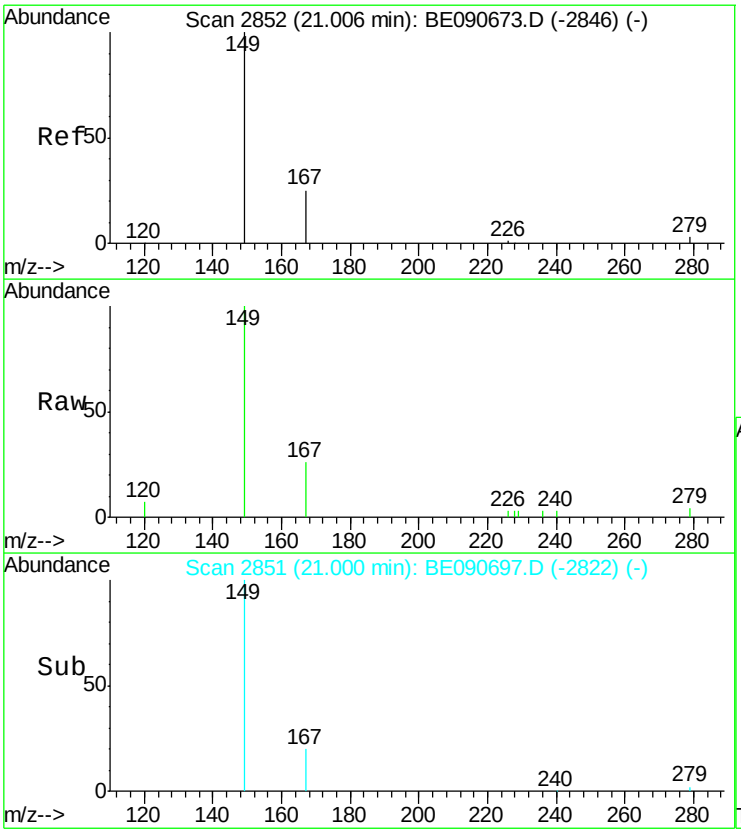
#29
Chrysene
Concen: Below Cal
RT: 21.07 min Scan# 2861
Delta R.T. -0.04 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion:228 Resp: 1425

Ion	Ratio	Lower	Upper
228	100		
226	23.1	24.2	36.4#
229	38.3	15.3	22.9#

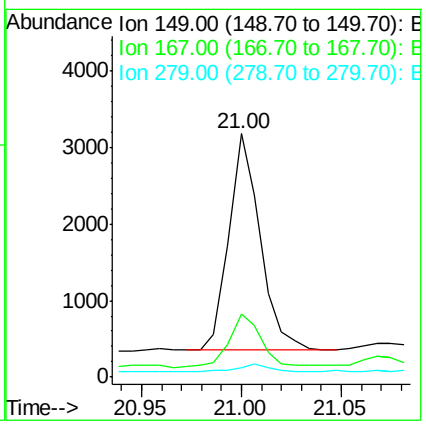


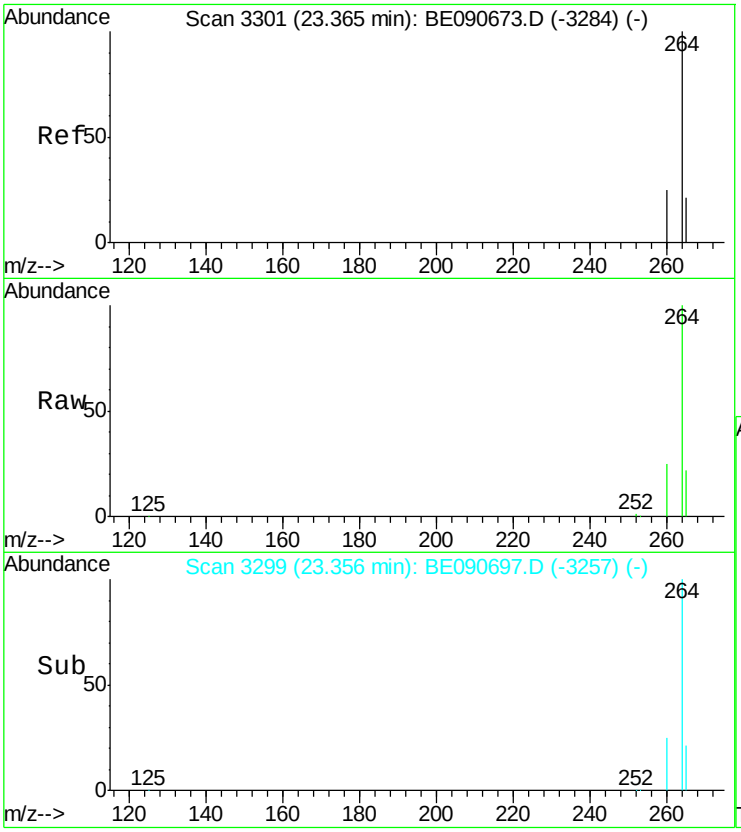


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.00 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion:149 Resp: 3071

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.1	30.1
279	3.4	2.3	3.5



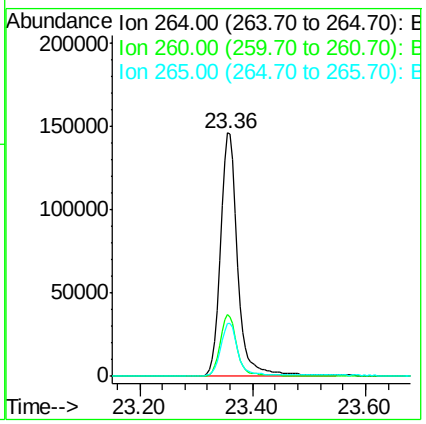


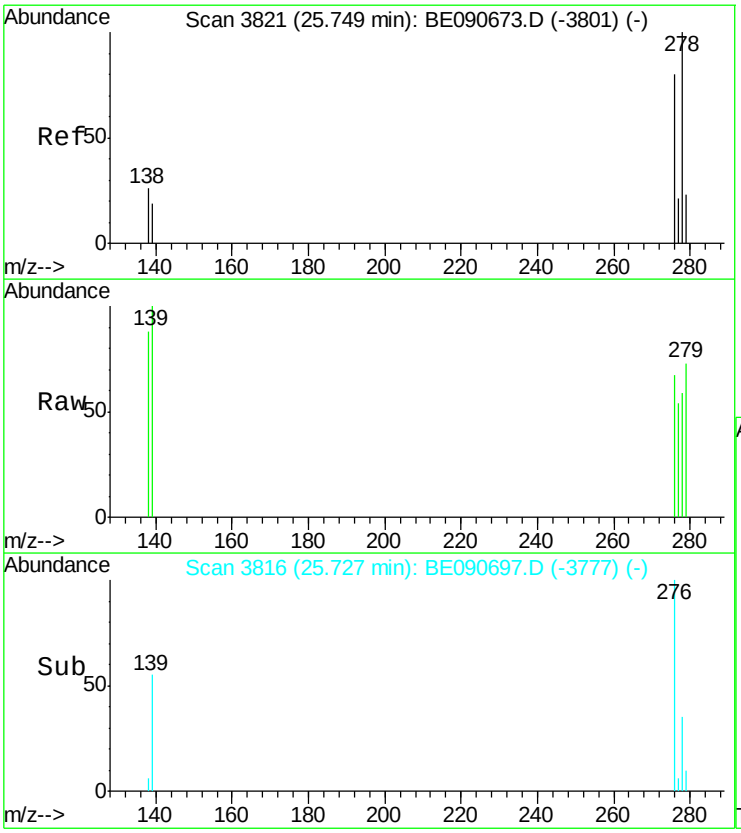
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.01 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Instrument :
BNA_E
ClientSampleId :
082815-D534-F-D-S

Tgt Ion:264 Resp: 310271

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





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.73 min Scan# 3816
Delta R.T. -0.02 min
Lab File: BE090697.D
Acq: 2 Sep 2015 9:51

Tgt Ion:278 Resp: 28

Ion	Ratio	Lower	Upper
278	100		
139	170.7	15.4	23.0#
279	124.0	18.8	28.2#