Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090824.D
Acq On : 15 Sep 2015 6:31
Operator : UM/IZ
Sample : G3659-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091315-PRKA-F-D-S

Quant Time: Sep 15 07:17:39 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	7.55	152	28722	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	122604	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	64867	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	175488	5.00	ng		0.00
25) Chrysene-d12	21.07	240	238953	5.00	ng		0.00
32) Perylene-d12	23.35	264	225247	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	16361	2.93	ng		0.00
5) Phenol-d6	6.75	99	12405	1.55	ng		0.00
7) Nitrobenzene-d5	8.72	82	27412	3.38	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	13662	7.19	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	66013	3.67	ng		0.00
27) Terphenyl-d14	19.53	244	139815	5.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	63	Below Cal		#	1
3) n-Nitrosodimethylamine	3.45	42	62	Below Cal		#	1
8) Nitrobenzene	8.77	77	7	0.11	ng	#	87
20) Hexachlorobenzene	16.25	284	46	Below Cal		#	1
21) Pentachlorophenol	16.61	266	11	0.46	ng	#	55
29) Chrysene	21.07	228	831	Below Cal		#	76
30) Bis(2-ethylhexyl)phthalate	21.00	149	3770	0.33	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	7	0.14	ng	#	1

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

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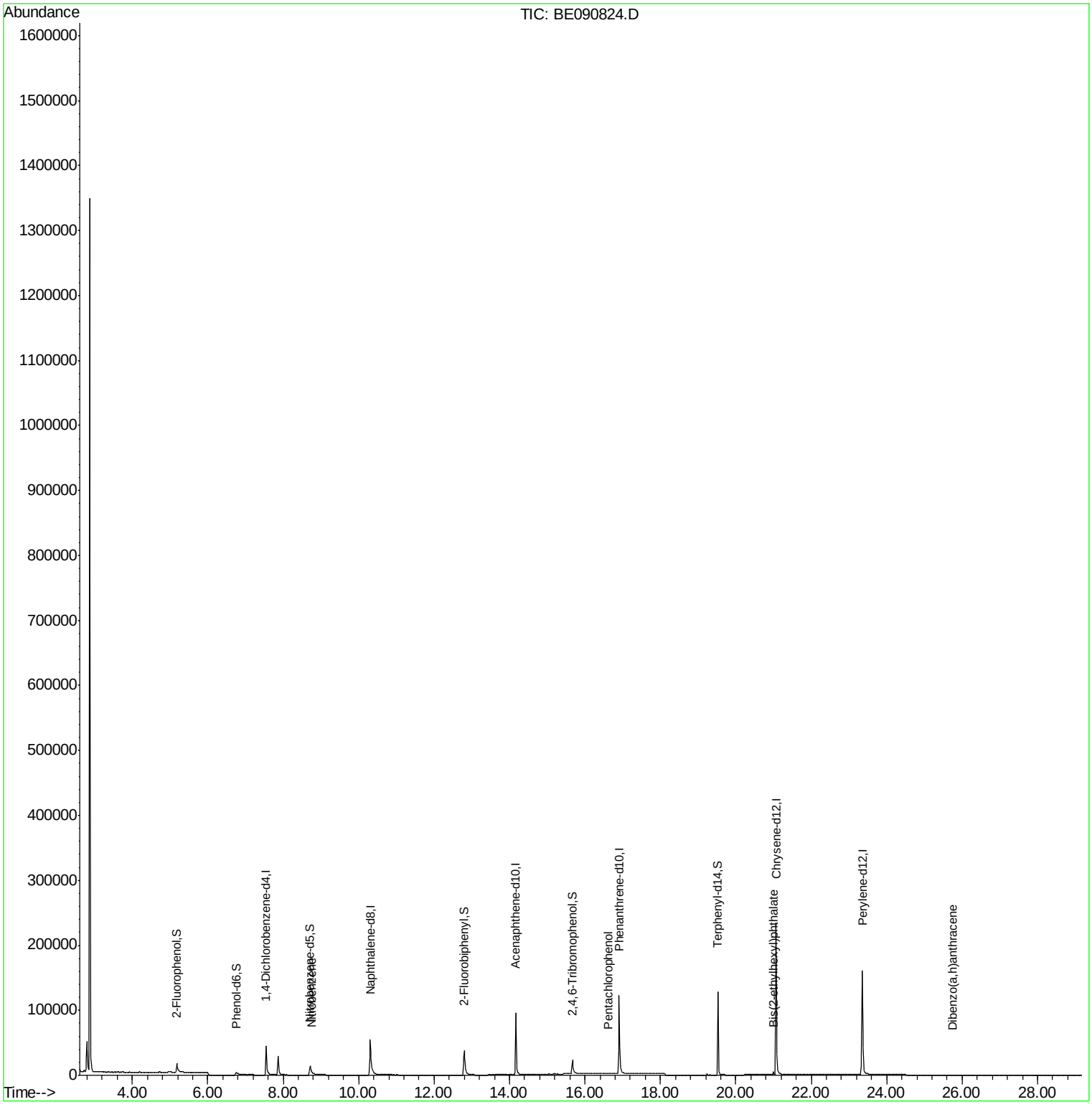
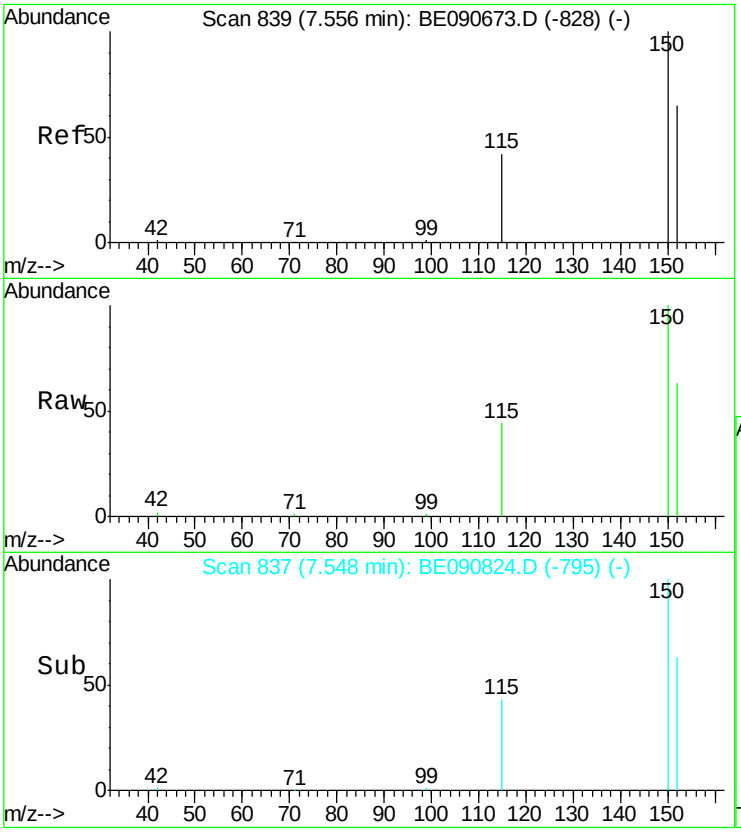
Quant Time: Sep 15 07:17:39 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



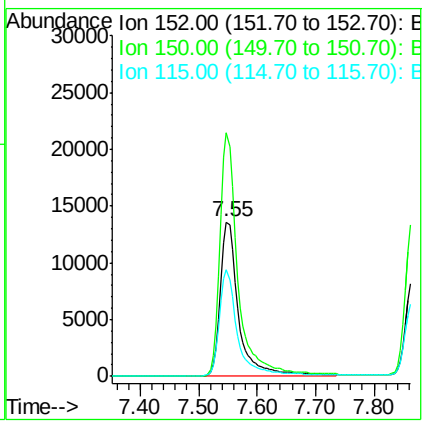


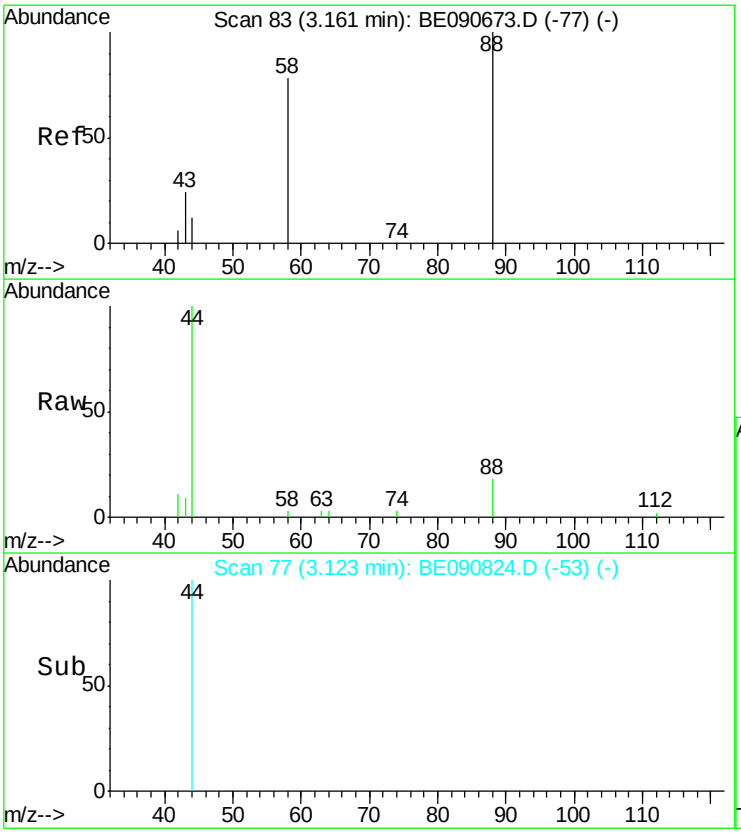
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion:152 Resp: 28722

Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.2	183.4
115	68.9	51.0	76.4

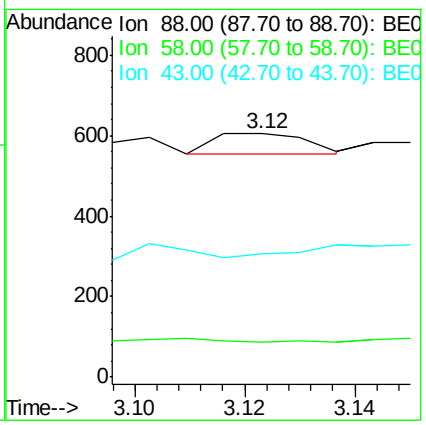


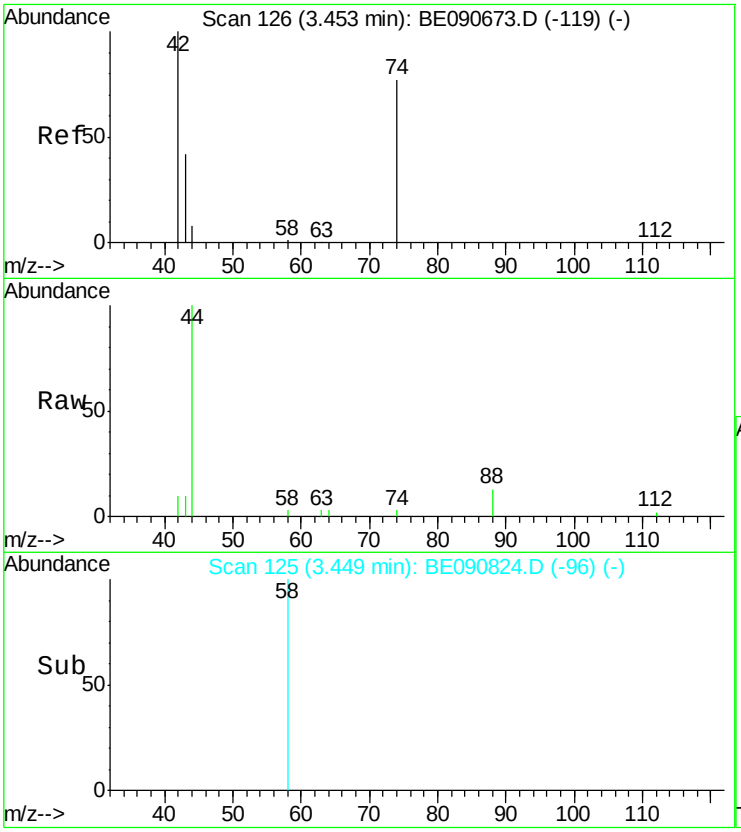


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.12 min Scan# 77
Delta R.T. -0.04 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.4	102.6#
43	206.3	26.9	40.3#



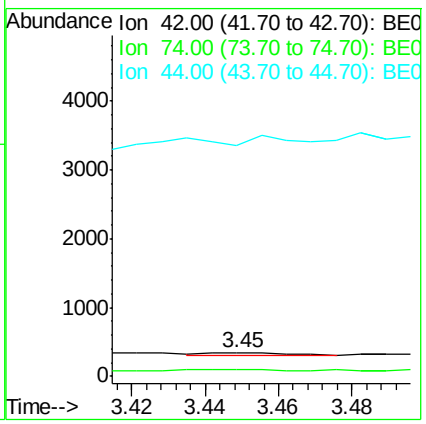


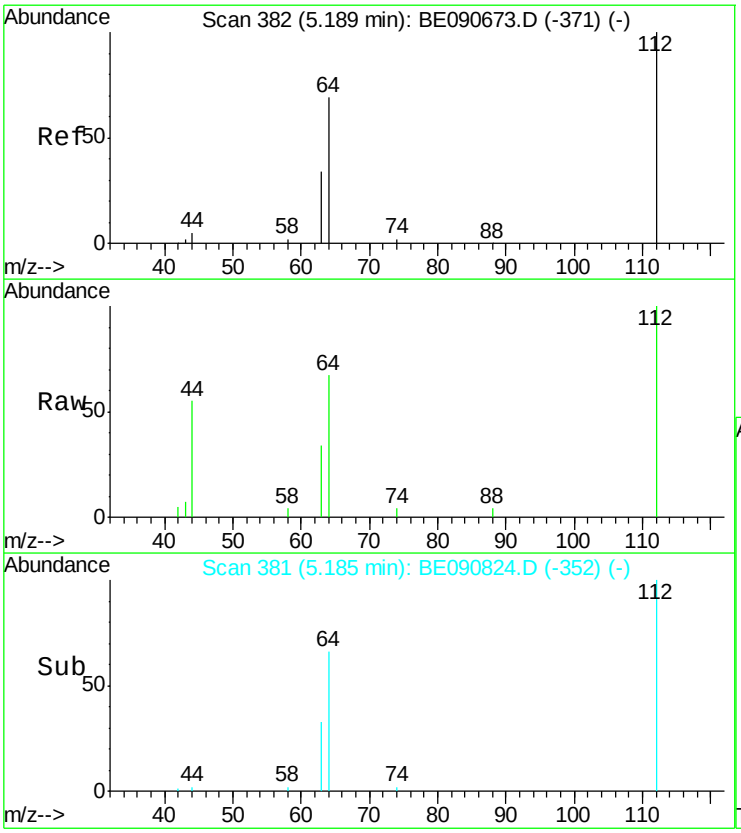
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.00 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion: 42 Resp: 62

Ion	Ratio	Lower	Upper
42	100		
74	35.5	83.7	125.5#
44	179.0	10.0	15.0#

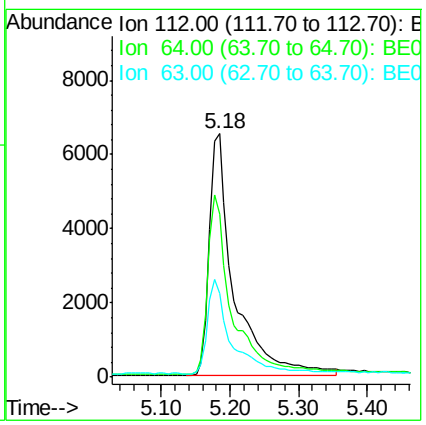


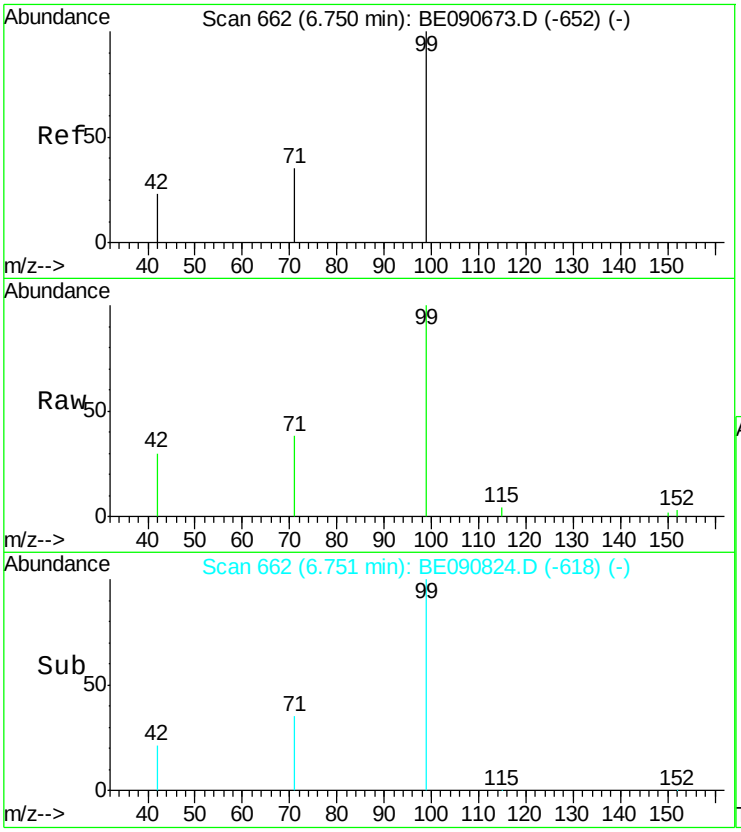


#4
2-Fluorophenol
Concen: 2.93 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion:112 Resp: 16361

Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.3	85.9
63	37.9	29.2	43.8



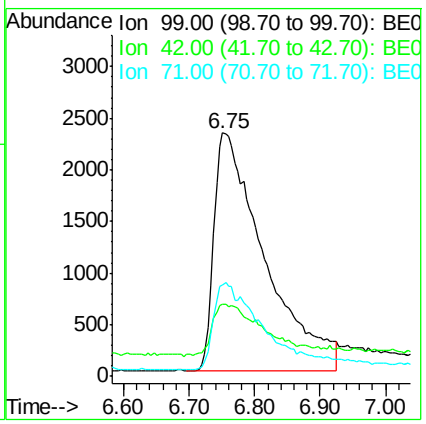


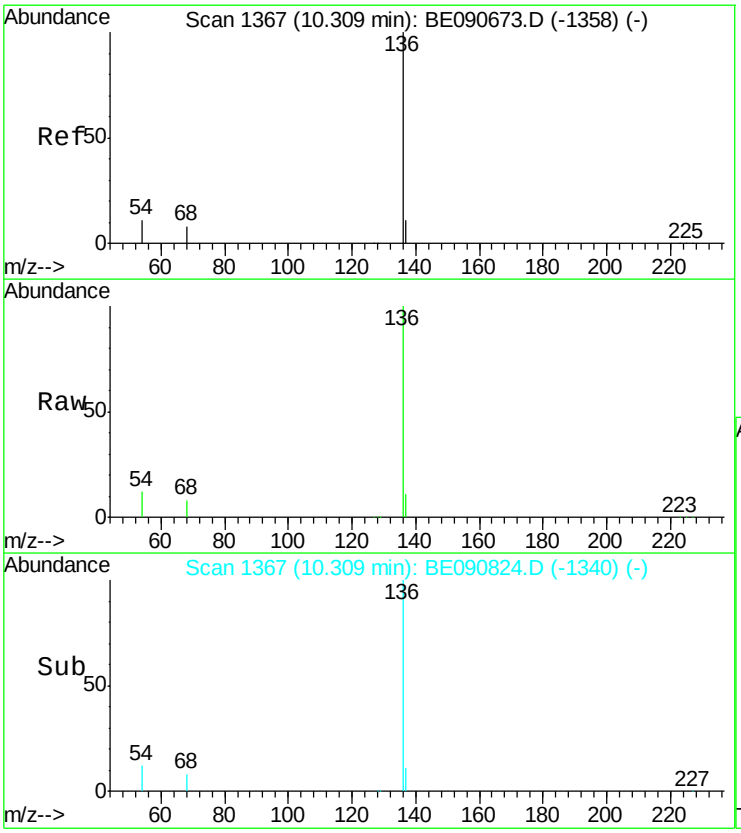
#5
Phenol-d6
Concen: 1.55 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion: 99 Resp: 12405

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.8	25.2
71	35.3	28.3	42.5

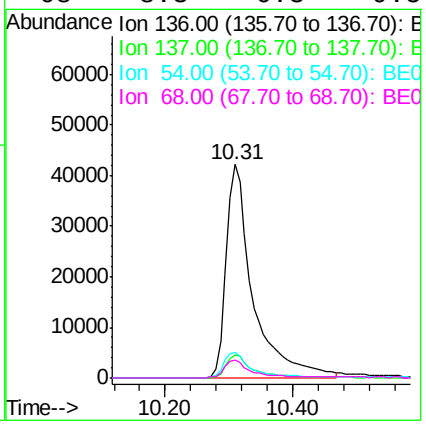


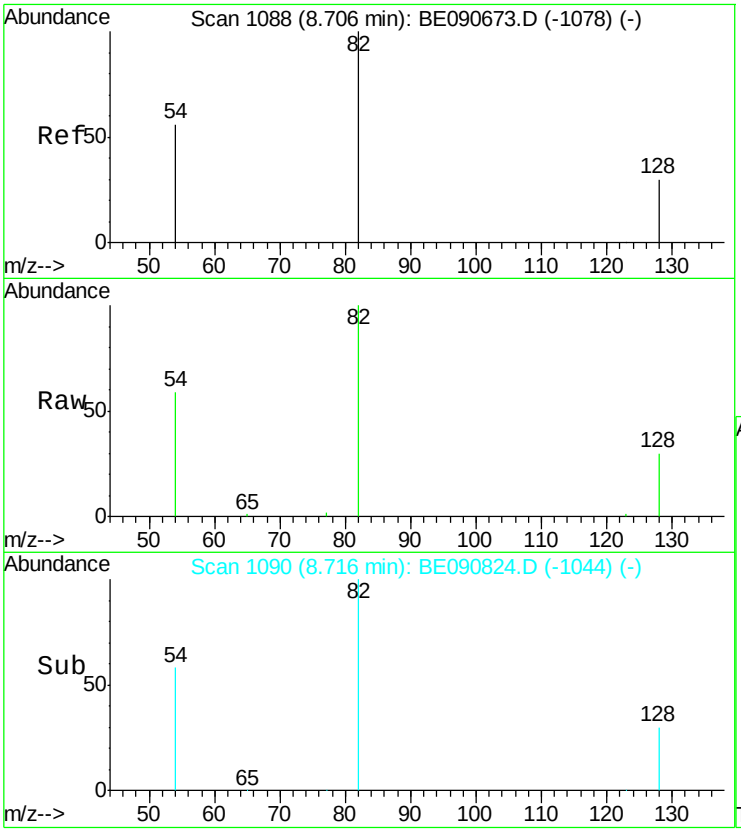


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion:136 Resp: 122604

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.9	9.0	13.6
68	8.3	6.3	9.5



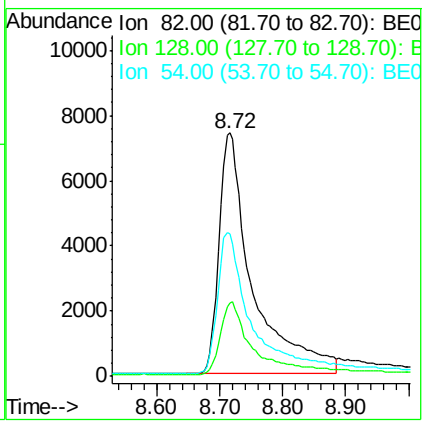


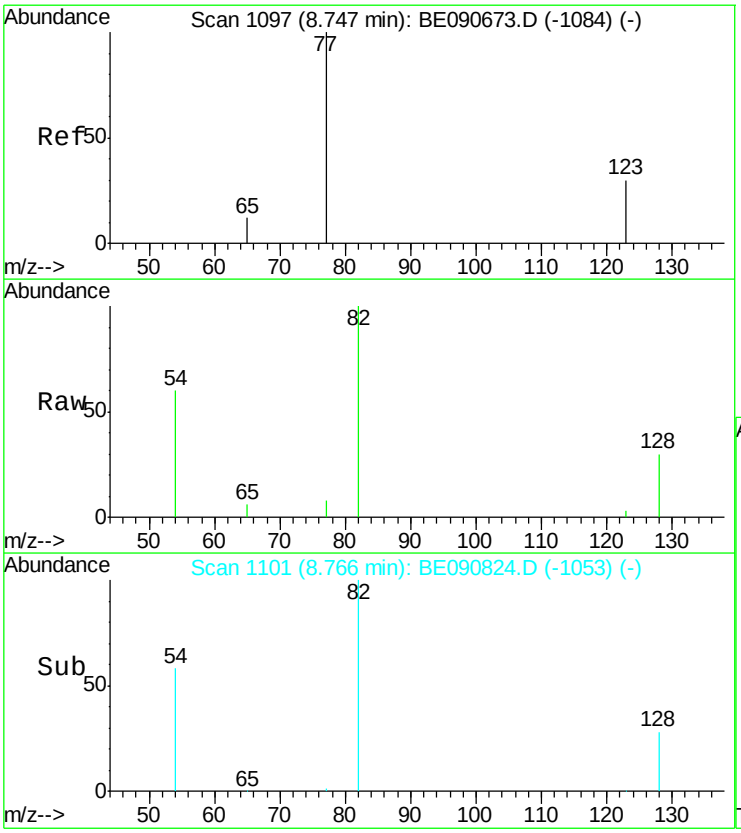
#7
Nitrobenzene-d5
Concen: 3.38 ng
RT: 8.72 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion: 82 Resp: 27412

Ion	Ratio	Lower	Upper
82	100		
128	30.2	25.0	37.4
54	58.7	46.3	69.5

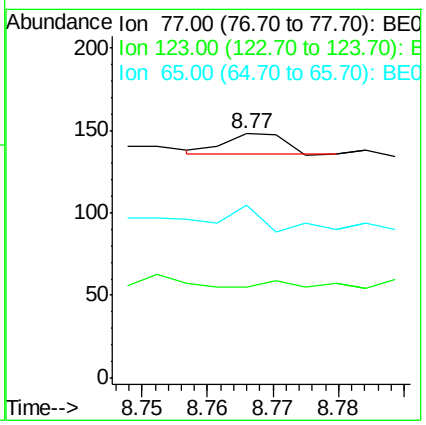


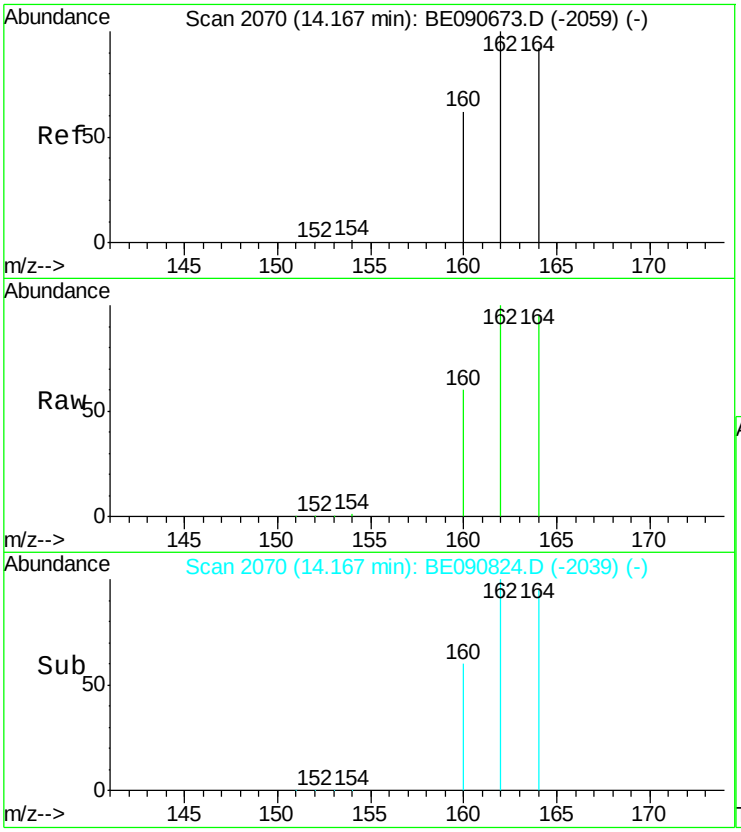


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion: 77 Resp: 7

Ion	Ratio	Lower	Upper
77	100		
123	28.6	25.1	37.7
65	0.0	9.9	14.9#



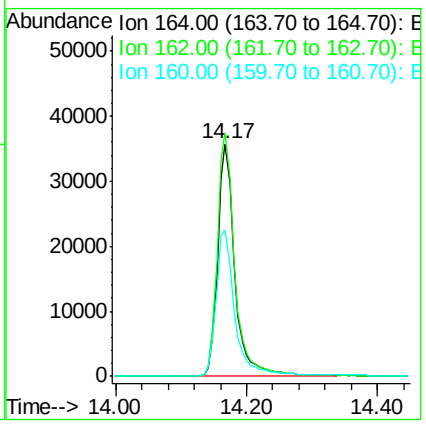


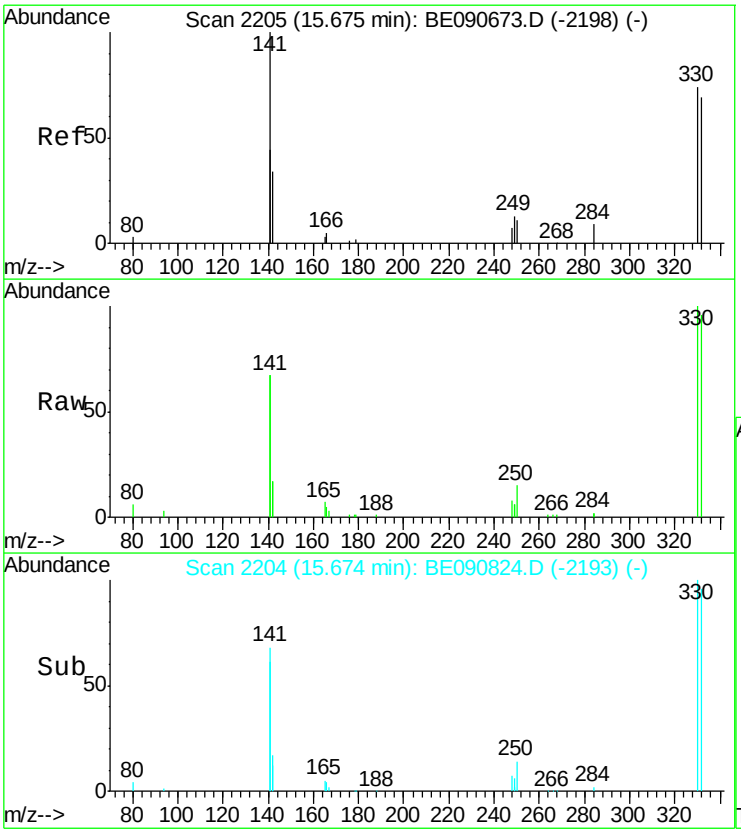
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion:164 Resp: 64867

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.8	130.2
160	62.9	53.9	80.9

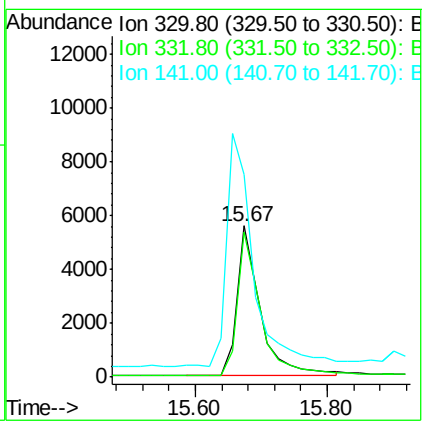


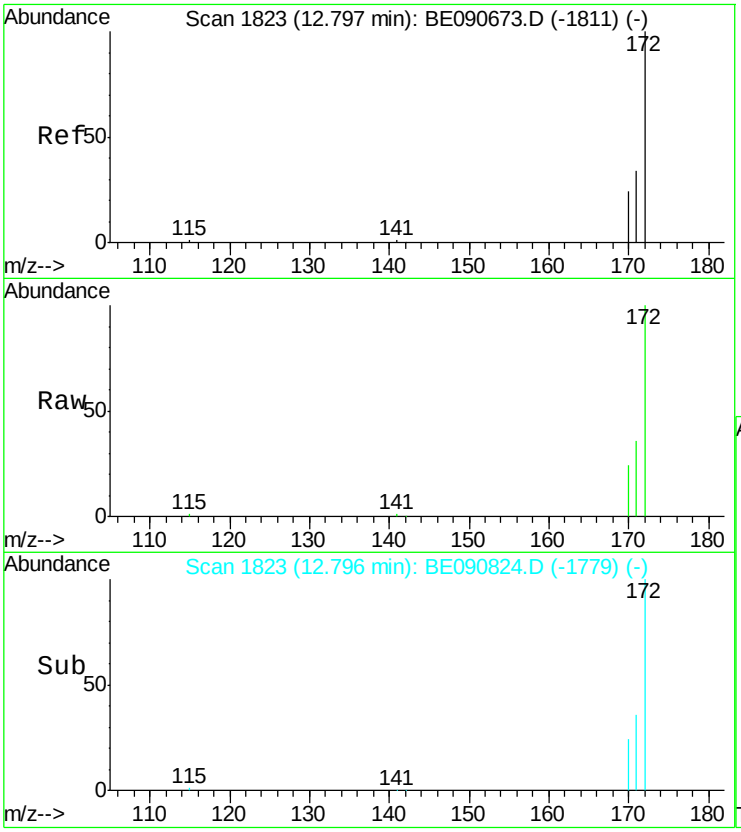


#13
2,4,6-Tribromophenol
Concen: 7.19 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion:330 Resp: 13662

Ion	Ratio	Lower	Upper
330	100		
332	96.0	74.9	112.3
141	182.4	145.2	217.8



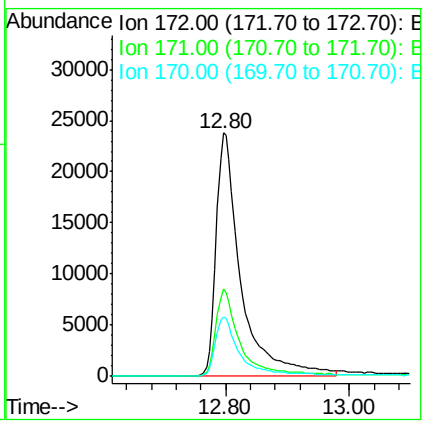


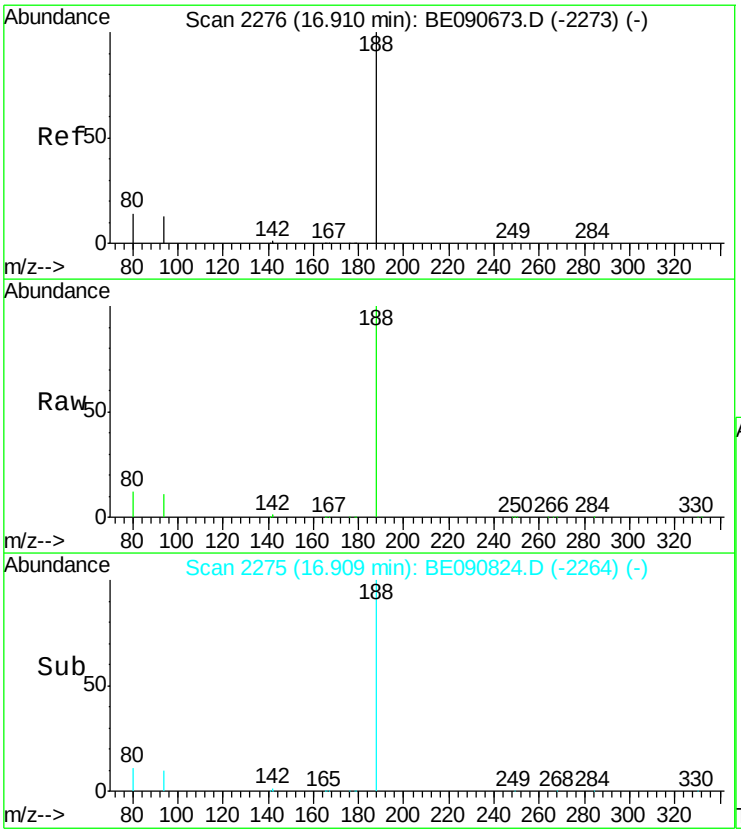
#14
2-Fluorobiphenyl
Concen: 3.67 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion:172 Resp: 66013

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.8
170	24.3	19.8	29.6

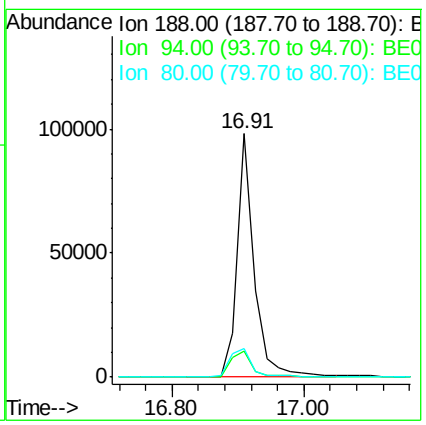


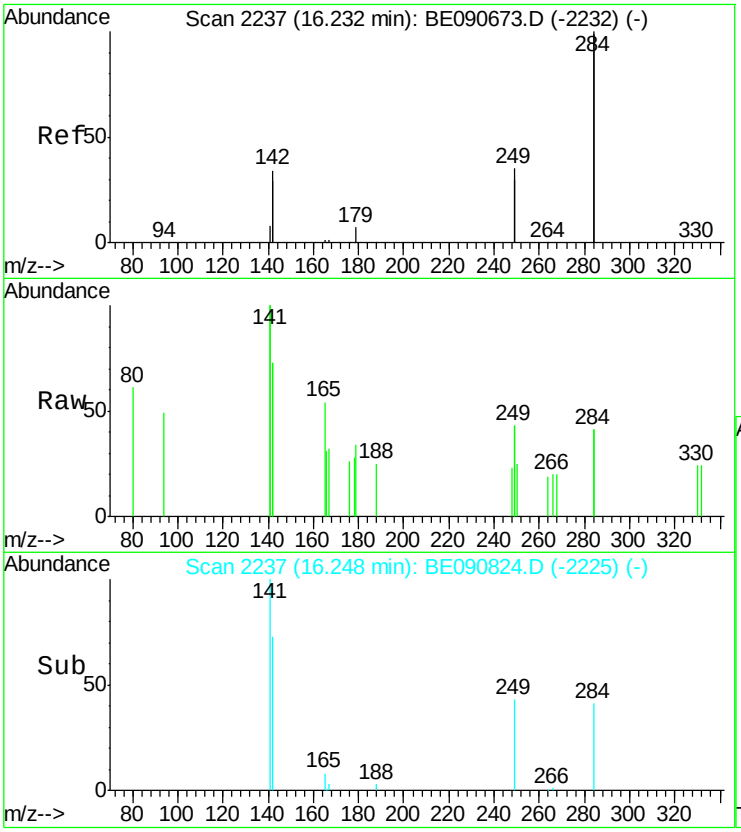


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion:188 Resp: 175488

Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.3	15.5
80	11.5	11.0	16.6



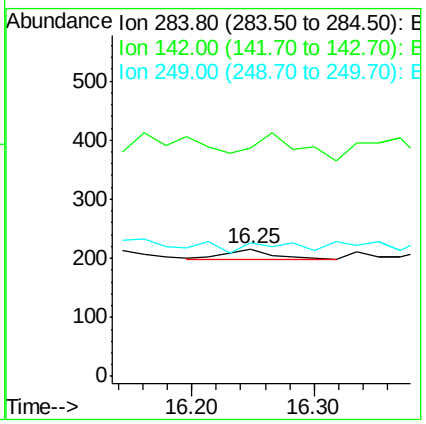


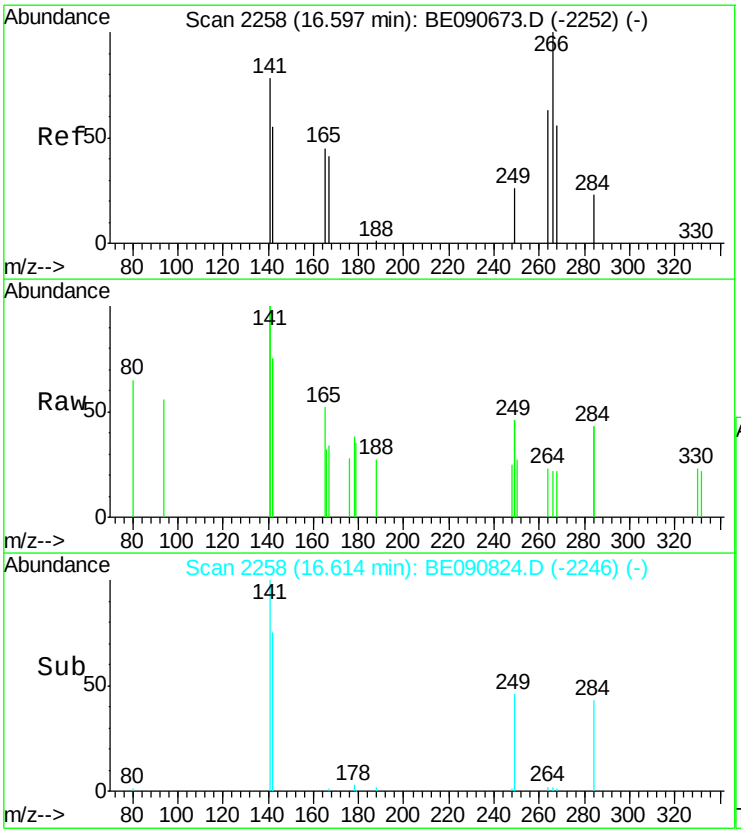
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.25 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion:284 Resp: 46

Ion	Ratio	Lower	Upper
284	100		
142	258.7	35.0	52.4#
249	104.3	25.5	38.3#

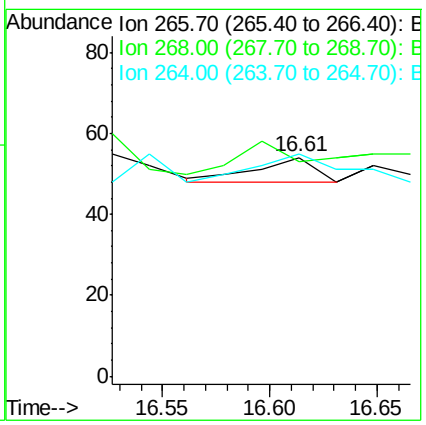


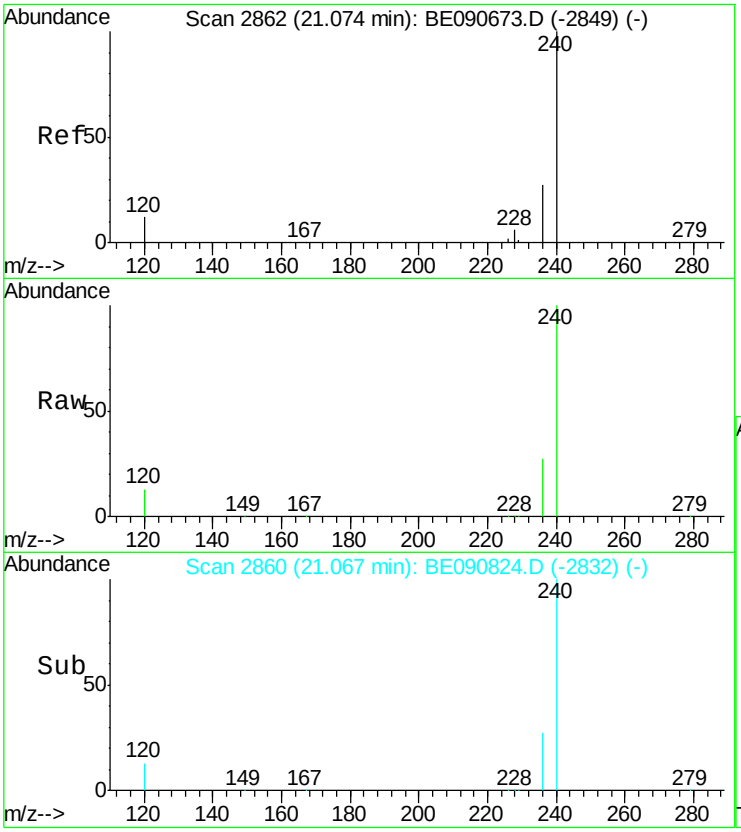


#21
Pentachlorophenol
Concen: 0.46 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.02 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
268	98.1	49.6	74.4#
264	101.9	53.9	80.9#



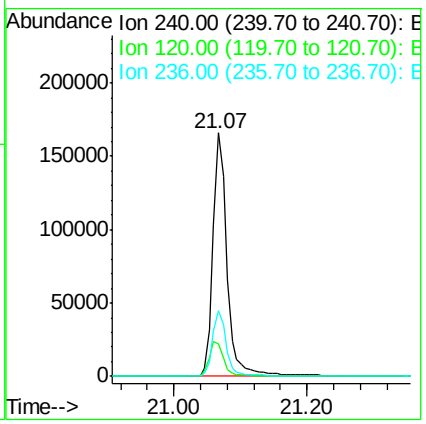


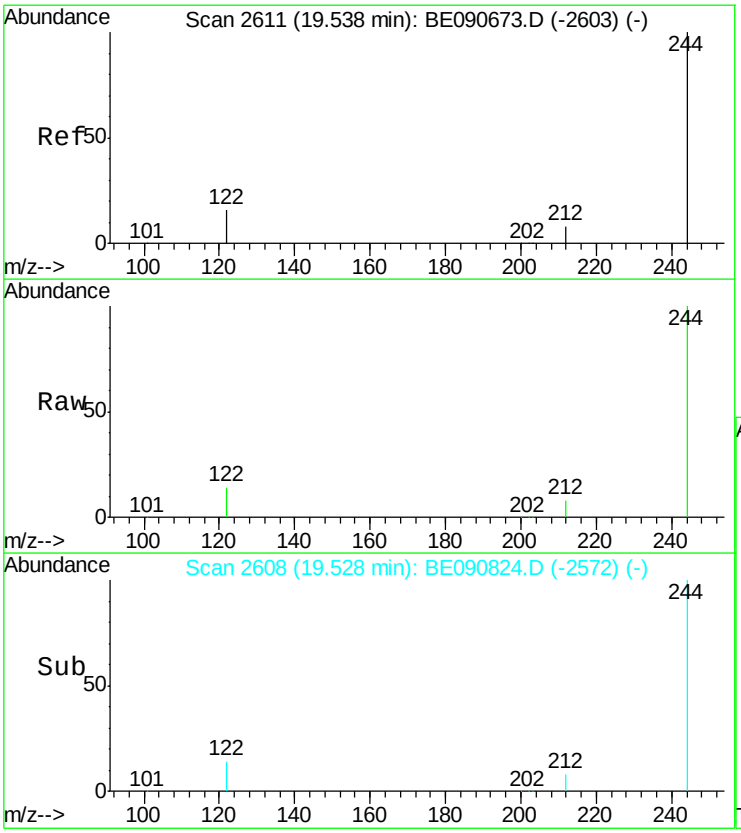
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion:240 Resp: 238953

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.1	15.1
236	27.0	21.9	32.9

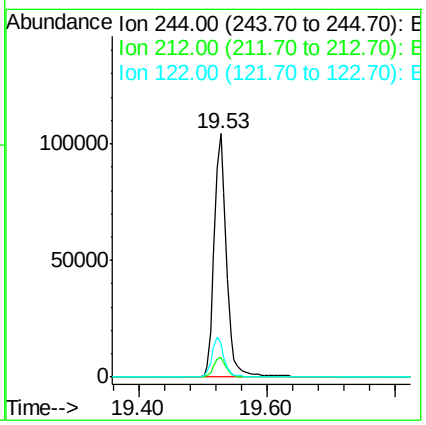


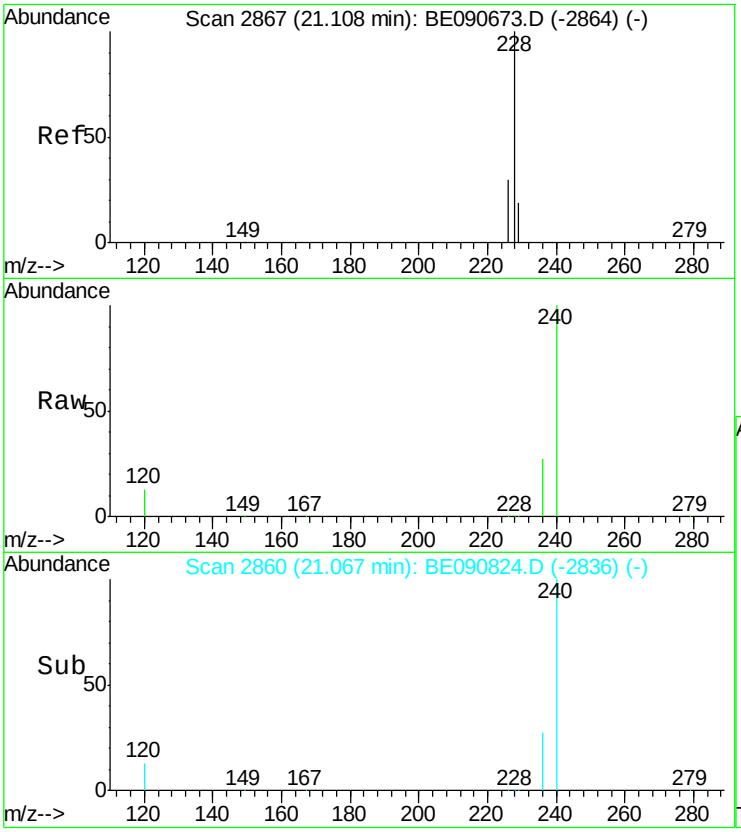


#27
Terphenyl-d14
Concen: 5.29 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion:244 Resp: 139815

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	13.7	12.9	19.3



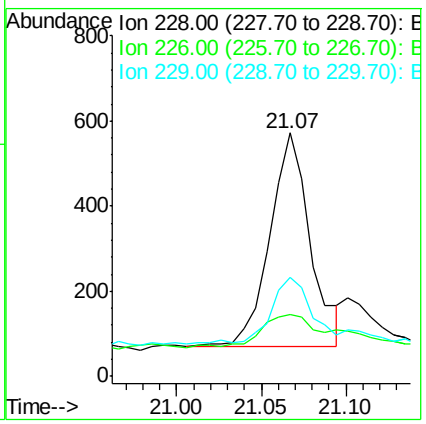


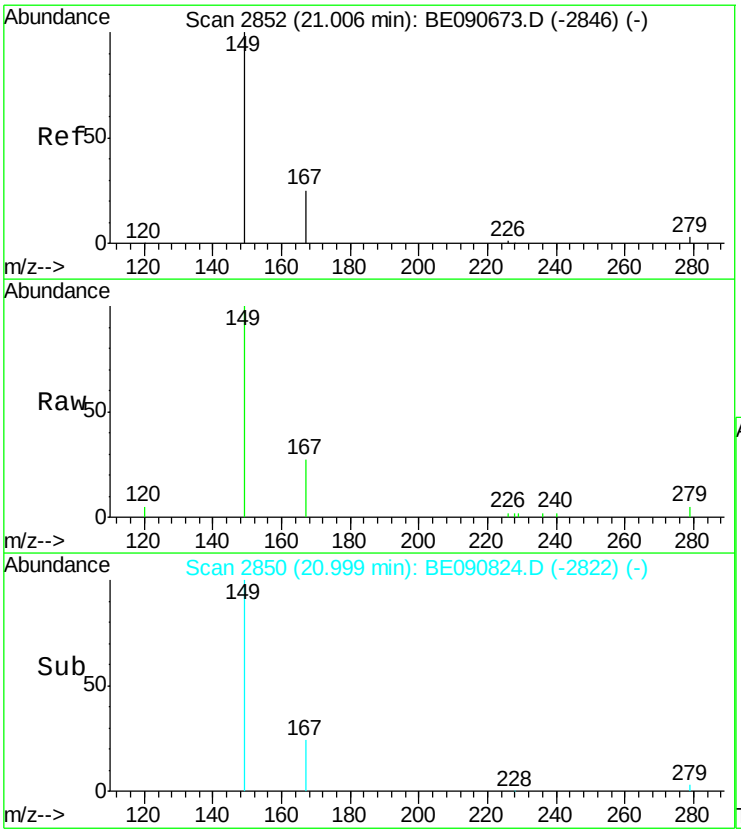
#29
Chrysene
Concen: Below Cal
RT: 21.07 min Scan# 2860
Delta R.T. -0.04 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion:228 Resp: 831

Ion	Ratio	Lower	Upper
228	100		
226	25.2	24.2	36.4
229	40.6	15.3	22.9#

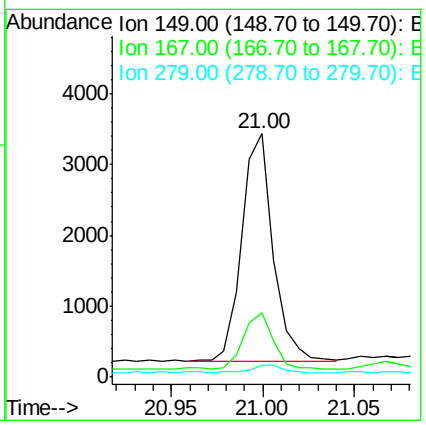


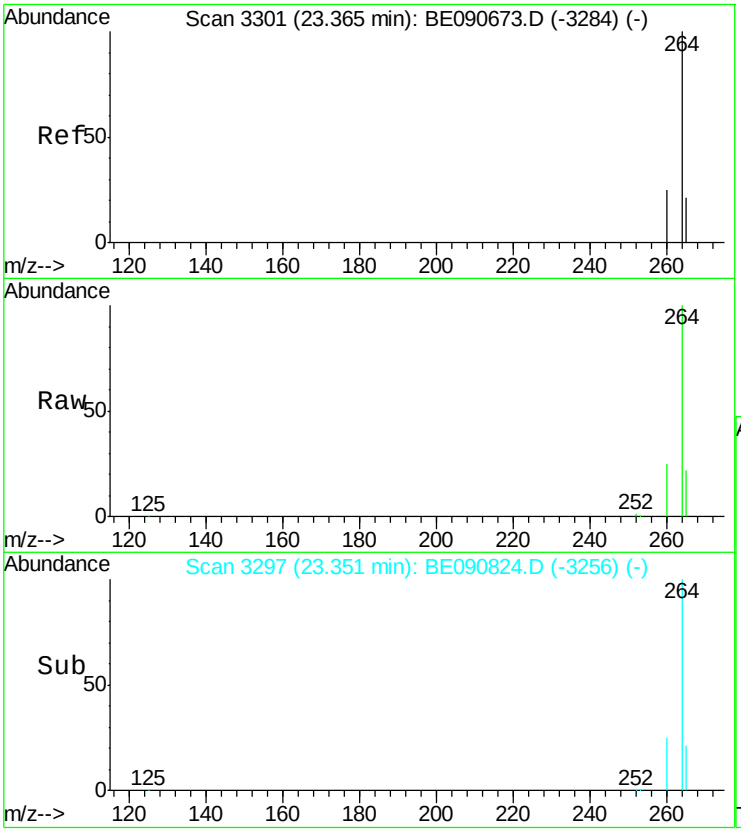


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion:149 Resp: 3770

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.1	30.1
279	3.2	2.3	3.5



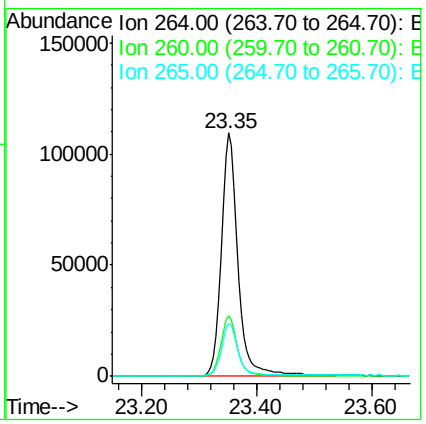


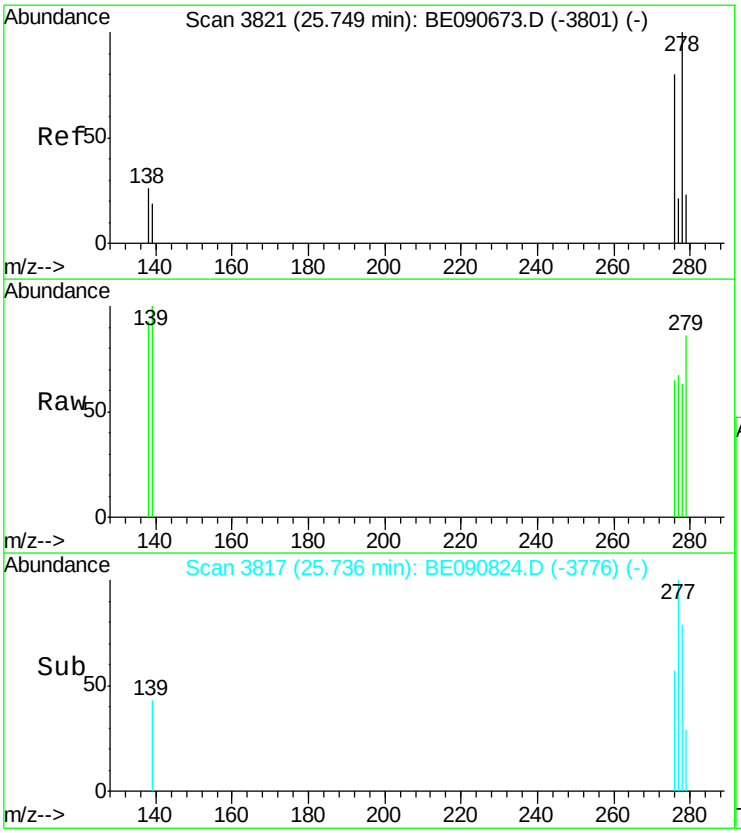
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Instrument :
BNA_E
ClientSampleId :
091315-PRKA-F-D-S

Tgt Ion:264 Resp: 225247

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.6	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BE090824.D
Acq: 15 Sep 2015 6:31

Tgt Ion:278 Resp: 7

Ion	Ratio	Lower	Upper
278	100		
139	160.0	15.4	23.0#
279	136.9	18.8	28.2#