Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092798.D
Acq On : 6 Mar 2017 22:01
Operator : SJ/MA
Sample : I2052-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CPS123051

Quant Time: Mar 07 02:19:43 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	9458	5.00	ng		-0.02
7) Naphthalene-d8	10.87	136	40240	5.00	ng		-0.02
12) Acenaphthene-d10	14.75	164	23062	5.00	ng		-0.02
18) Phenanthrene-d10	17.51	188	56226	5.00	ng		0.00
24) Chrysene-d12	21.68	240	84325	5.00	ng		-0.02
31) Perylene-d12	24.01	264	68607	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.60	112	9068	4.53	ng		-0.03
5) Phenol-d6	7.27	99	6580	2.76	ng		-0.04
8) Nitrobenzene-d5	9.27	82	12315	5.01	ng		-0.04
13) 2,4,6-Tribromophenol	16.25	330	7514	12.38	ng		-0.03
14) 2-Fluorobiphenyl	13.38	172	30878	5.68	ng		-0.02
26) Terphenyl-d14	20.10	244	50001	4.91	ng		-0.03
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.83	42	62	0.04	ng	#	3
9) Naphthalene	10.93	128	191	0.02	ng	#	7
16) Acenaphthene	14.82	154	110	0.02	ng		94
17) Fluorene	15.81	166	239	0.04	ng		94
20) Pentachlorophenol	17.21	266	87	0.19	ng		86
27) Benzo(a)anthracene	21.68	228	1736	0.09	ng	#	62
28) Chrysene	21.68	228	1771	0.02	ng	#	64
29) Bis(2-ethylhexyl)phthalate	21.57	149	3449	0.51	ng	#	56

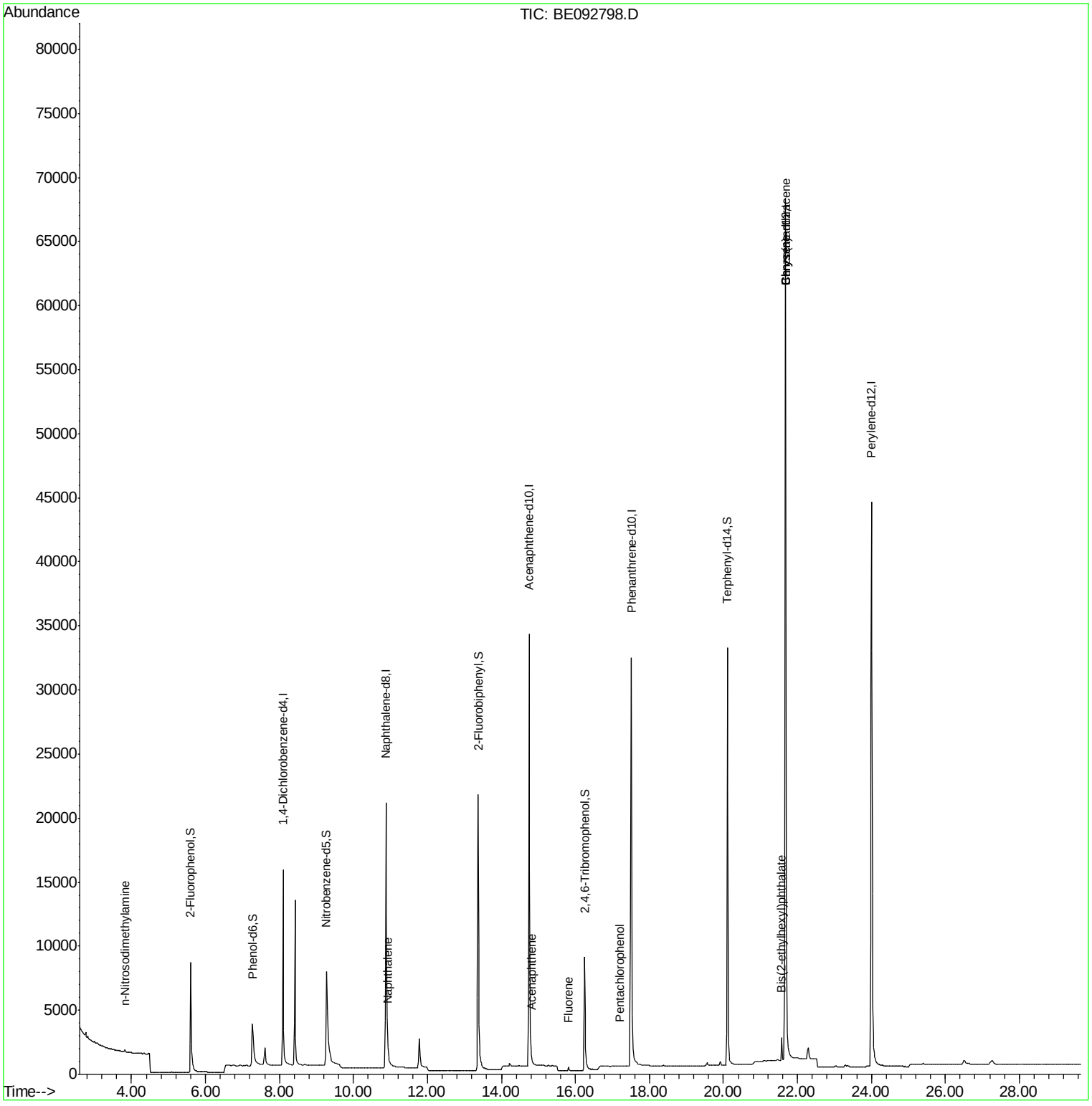
(#) = qualifier out of range (m) = manual integration (+) = signals summed

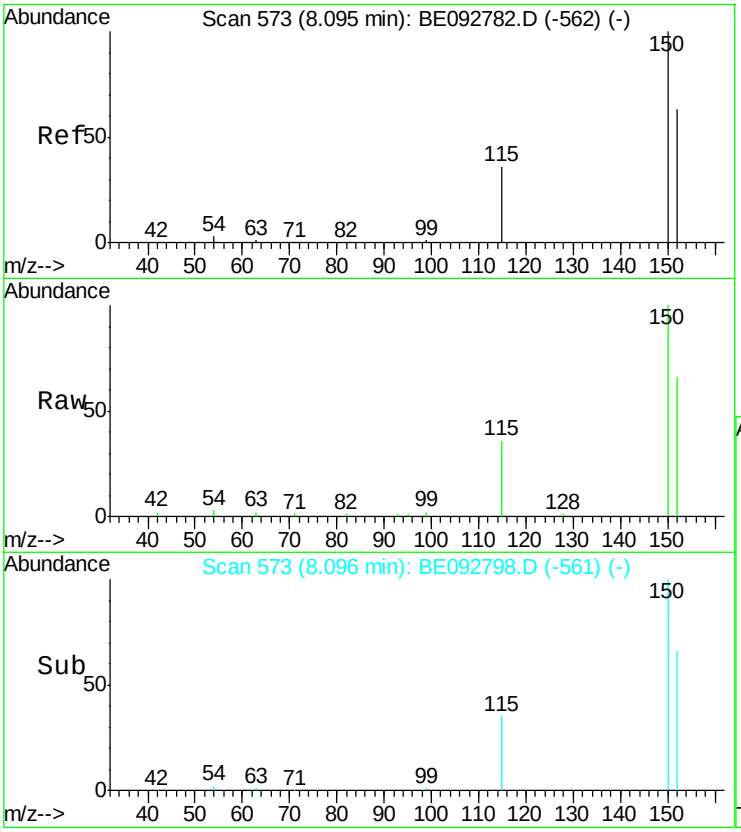
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030617\
Data File : BE092798.D
Acq On : 6 Mar 2017 22:01
Operator : SJ/MA
Sample : I2052-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CPS123051

Quant Time: Mar 07 02:19:43 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 06 15:46:01 2017
Response via : Initial Calibration



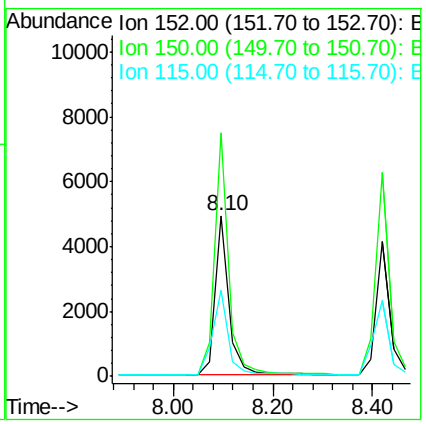


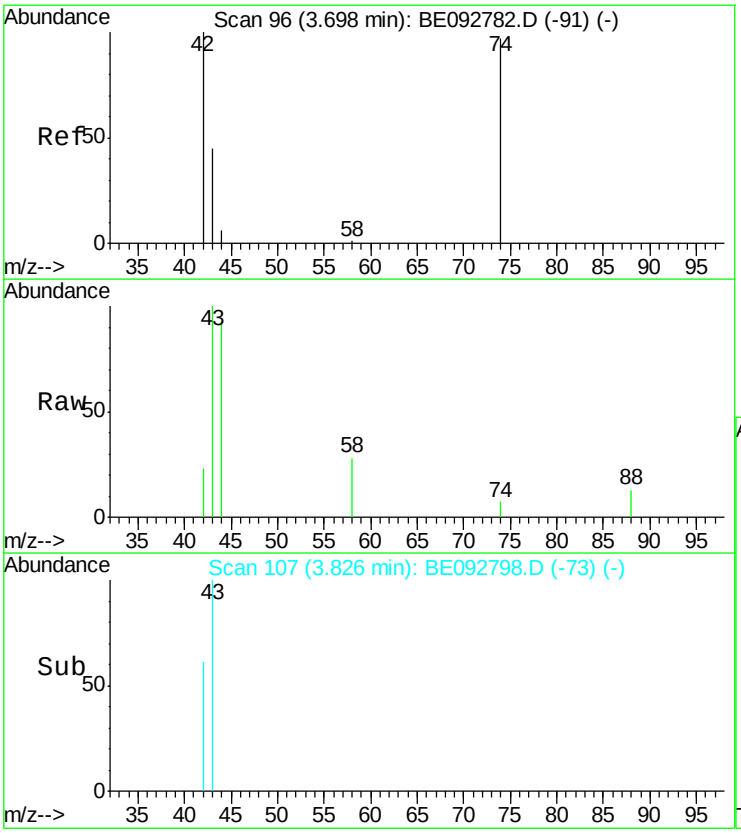
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:152 Resp: 9458

Ion	Ratio	Lower	Upper
152	100		
150	151.4	106.0	159.0
115	53.9	31.2	46.8#

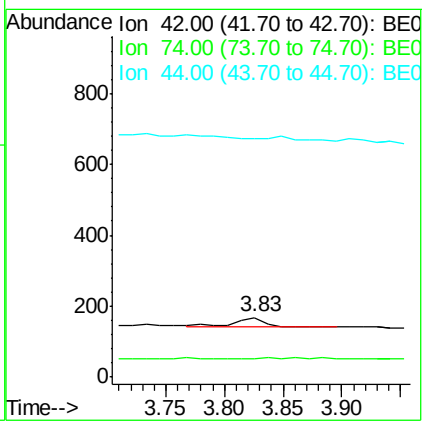


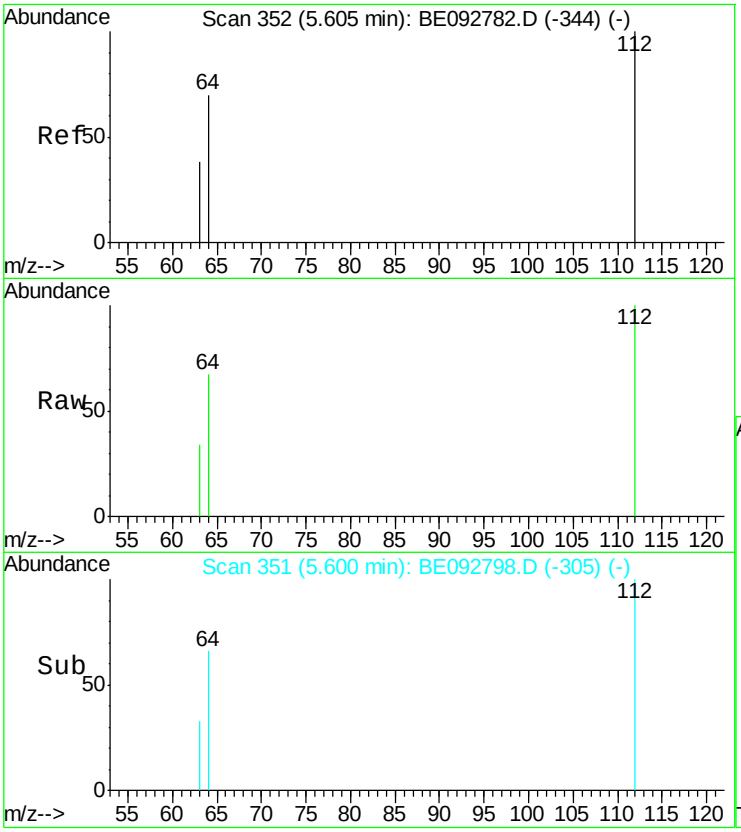


#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.83 min Scan# 107
Delta R.T. 0.09 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion: 42 Resp: 62

Ion	Ratio	Lower	Upper
42	100		
74	1.6	86.0	129.0#
44	0.0	5.1	7.7#



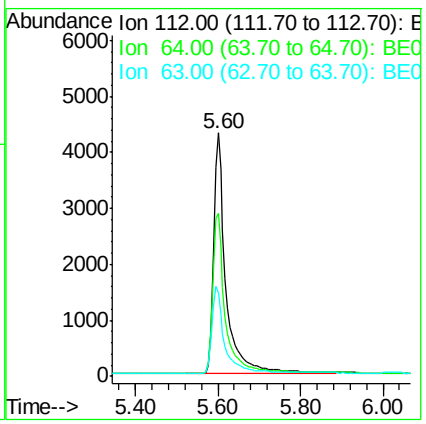


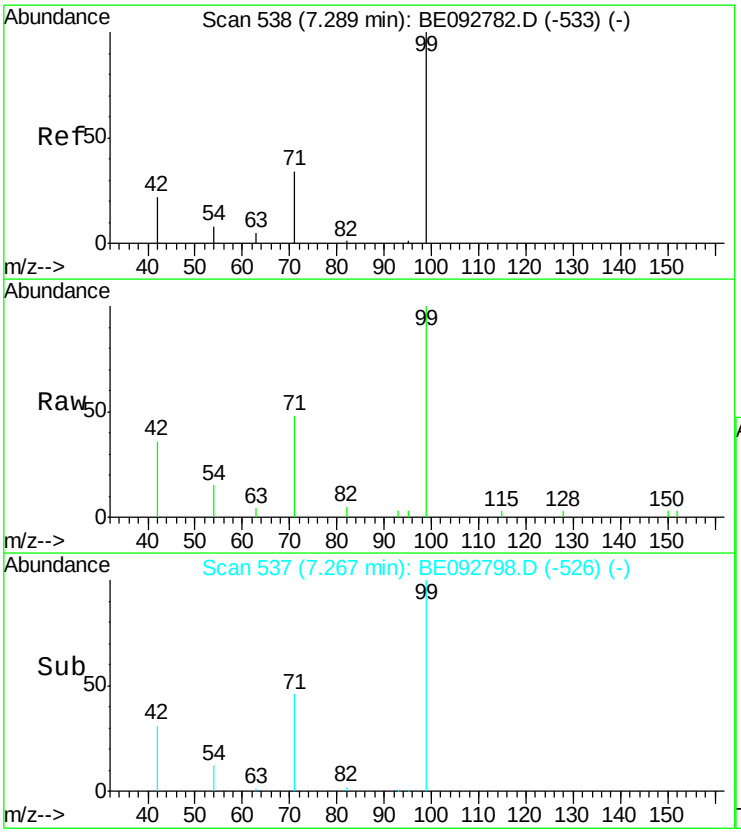
#4
2-Fluorophenol
Concen: 4.53 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:112 Resp: 9068

Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.5	80.3
63	36.1	27.9	41.9

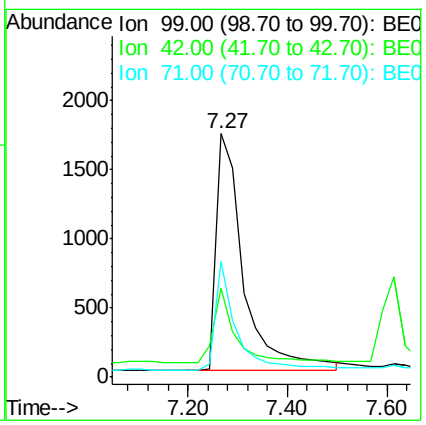


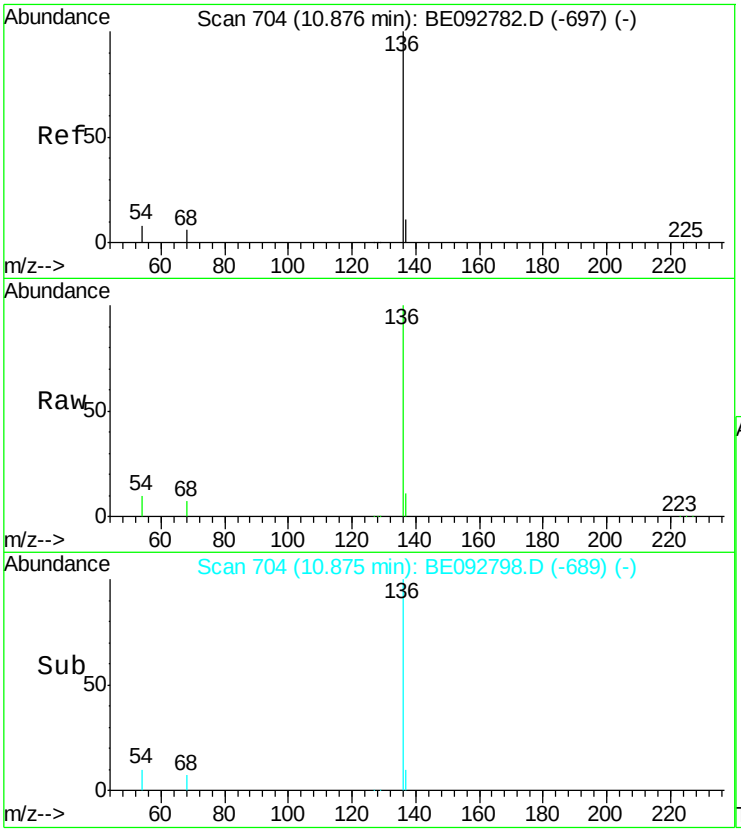


#5
Phenol-d6
Concen: 2.76 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.04 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion: 99 Resp: 6580

Ion	Ratio	Lower	Upper
99	100		
42	25.3	16.0	24.0#
71	35.4	30.6	45.8



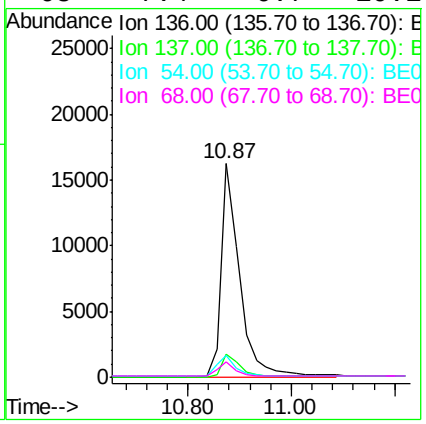


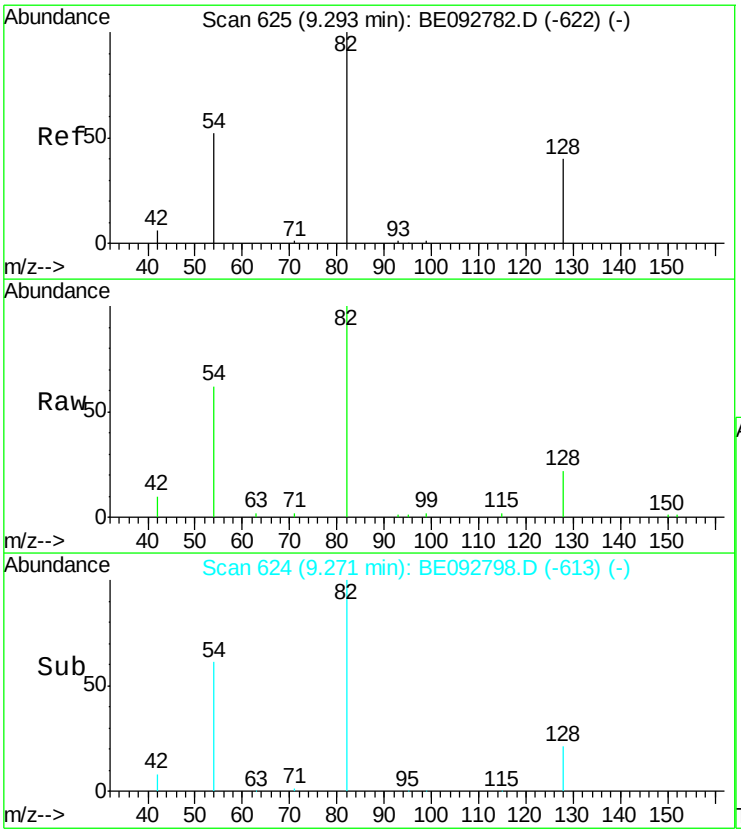
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.87 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:136 Resp: 40240

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	10.5	9.6	14.4
68	7.4	6.7	10.1

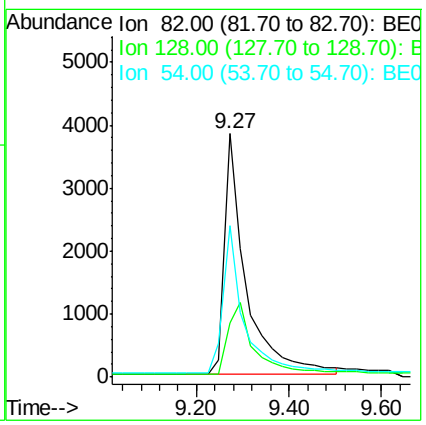


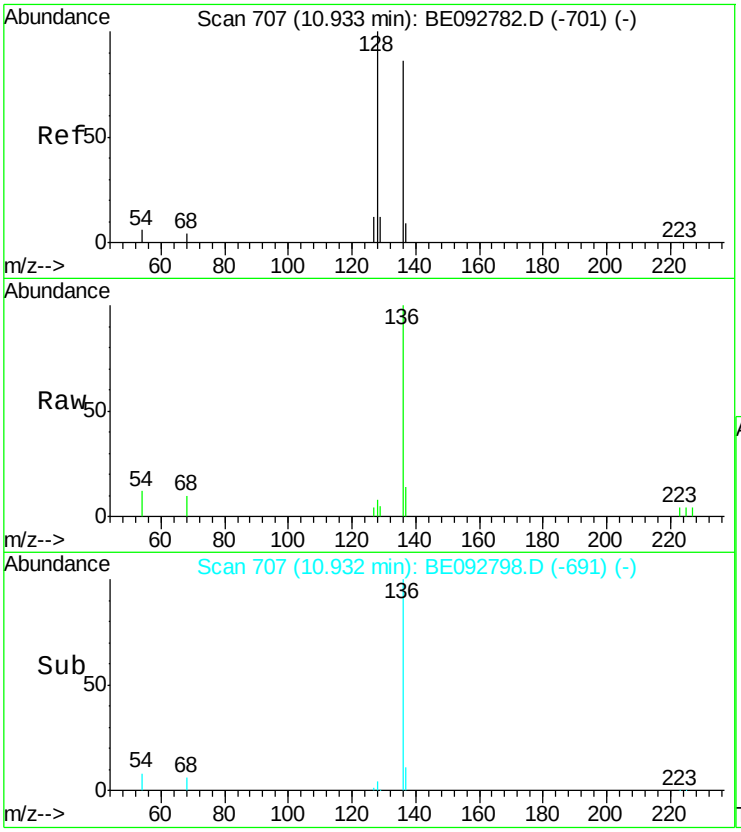


#8
Nitrobenzene-d5
Concen: 5.01 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.04 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion: 82 Resp: 12315

Ion	Ratio	Lower	Upper
82	100		
128	22.1	39.0	58.4#
54	62.1	44.8	67.2



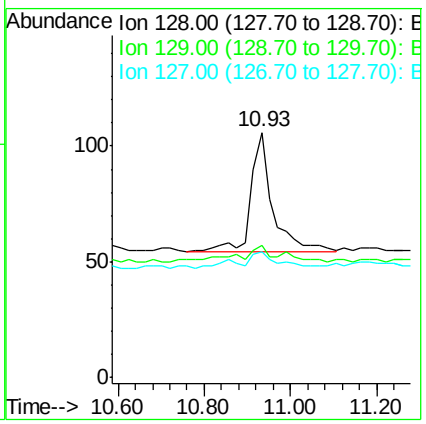


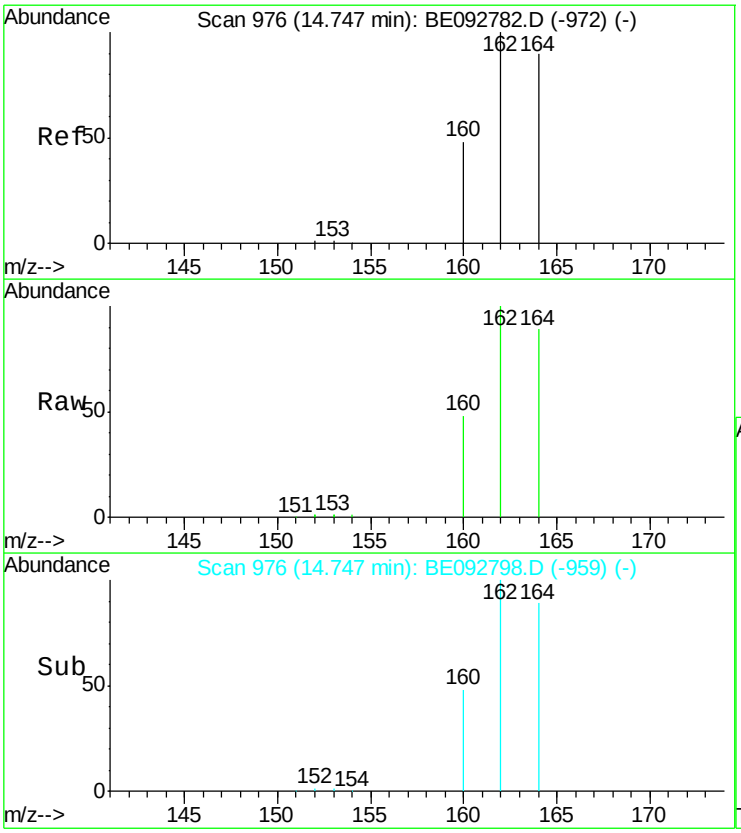
#9
Naphthalene
Concen: 0.02 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:128 Resp: 191

Ion	Ratio	Lower	Upper
128	100		
129	53.8	11.2	16.8#
127	50.9	11.6	17.4#

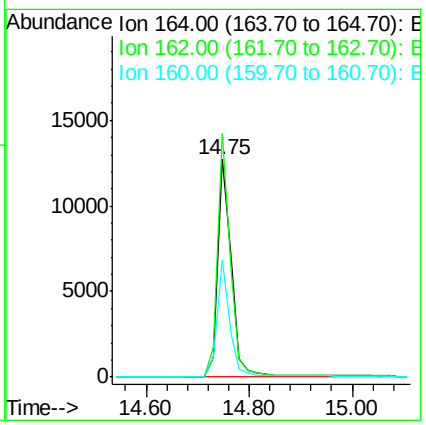


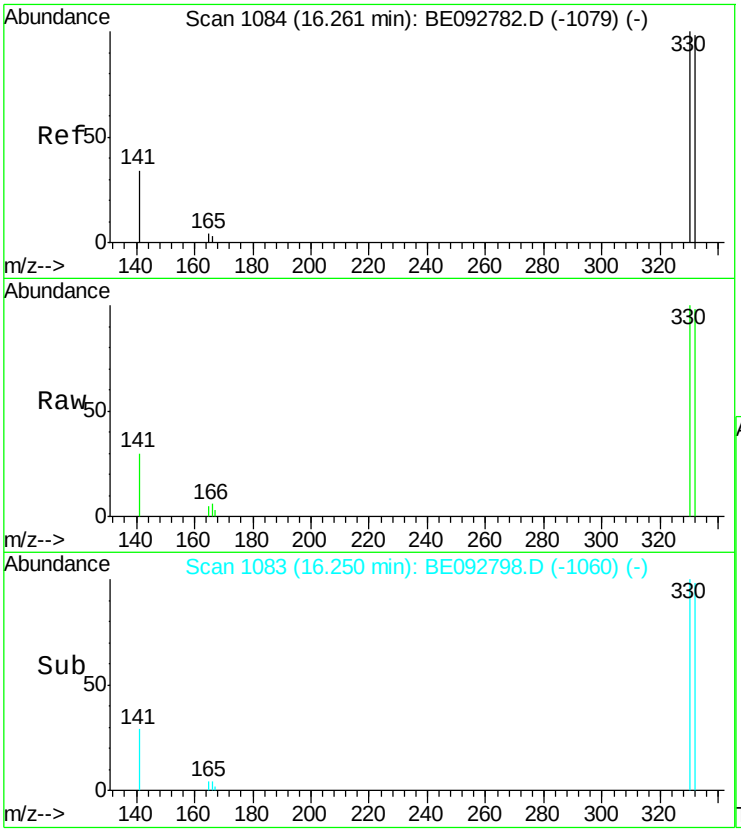


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion:164 Resp: 23062

Ion	Ratio	Lower	Upper
164	100		
162	112.0	71.4	107.0#
160	53.7	27.4	41.2#



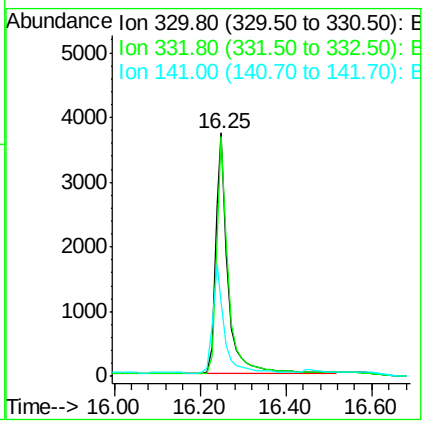


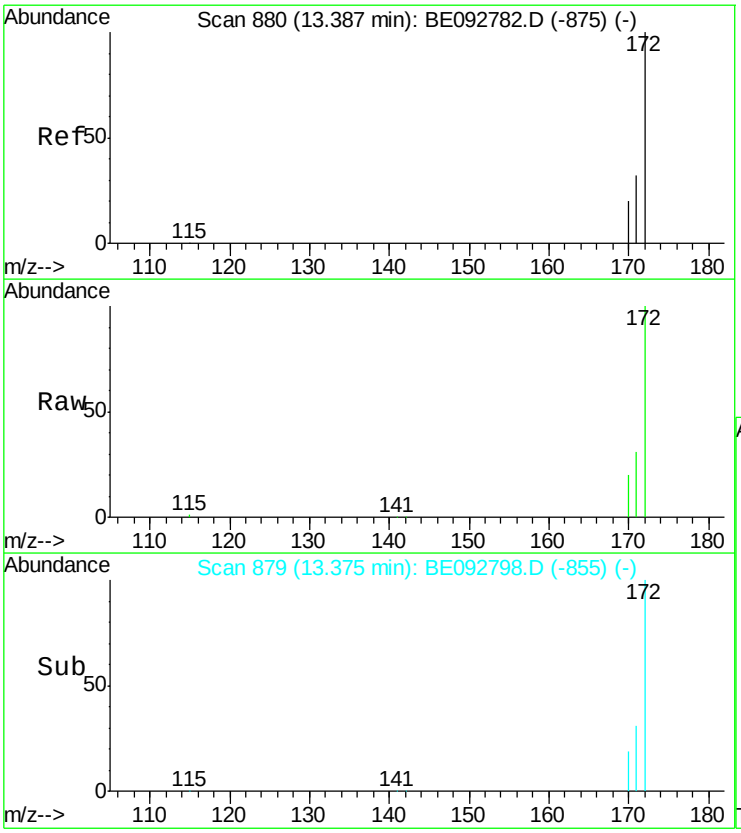
#13
2,4,6-Tribromophenol
Concen: 12.38 ng
RT: 16.25 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:330 Resp: 7514

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	43.2	31.0	46.6

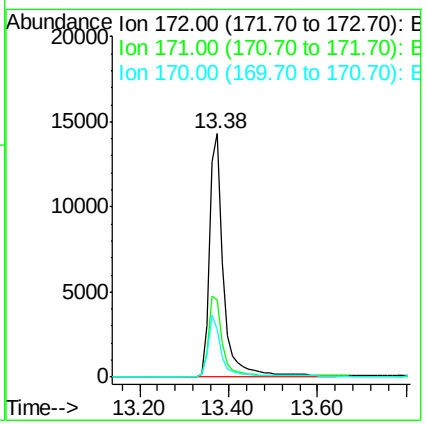


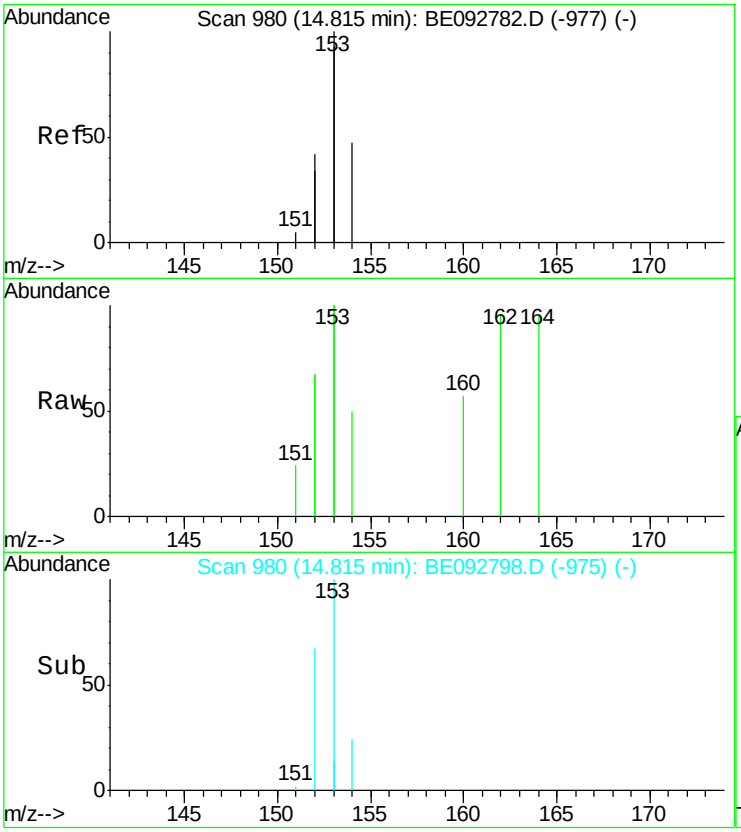


#14
2-Fluorobiphenyl
Concen: 5.68 ng
RT: 13.38 min Scan# 879
Delta R.T. -0.02 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion:172 Resp: 30878

Ion	Ratio	Lower	Upper
172	100		
171	31.5	30.1	45.1
170	19.6	21.8	32.6#



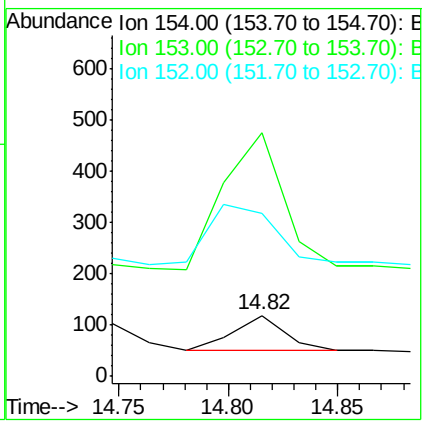


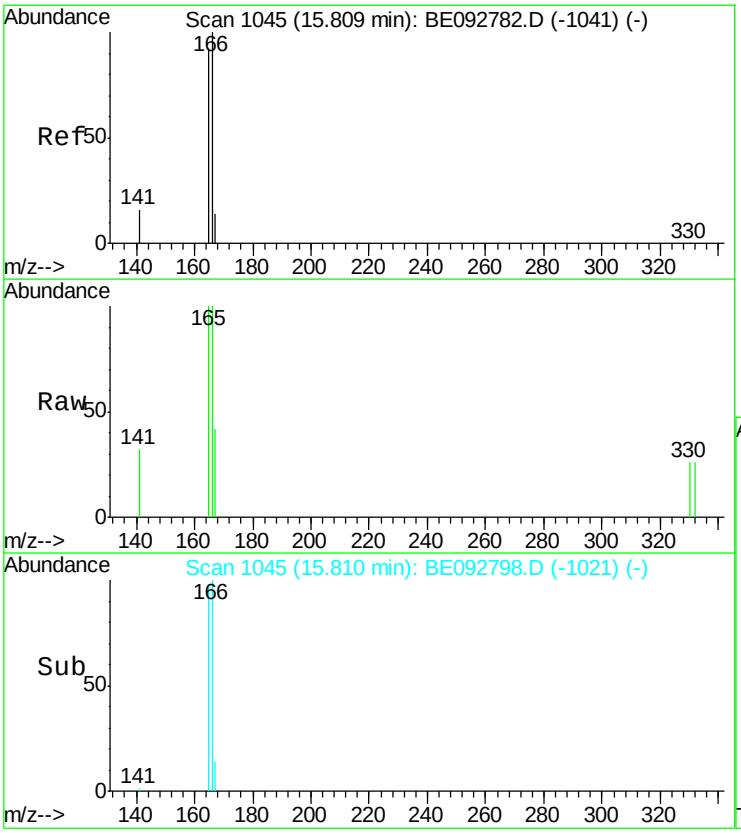
#16
Acenaphthene
Concen: 0.02 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:154 Resp: 110

Ion	Ratio	Lower	Upper
154	100		
153	453.6	350.8	526.2
152	224.5	171.1	256.7

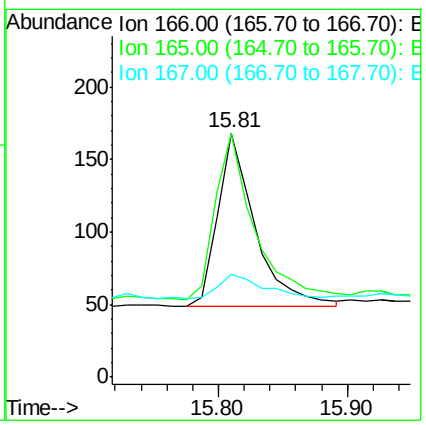


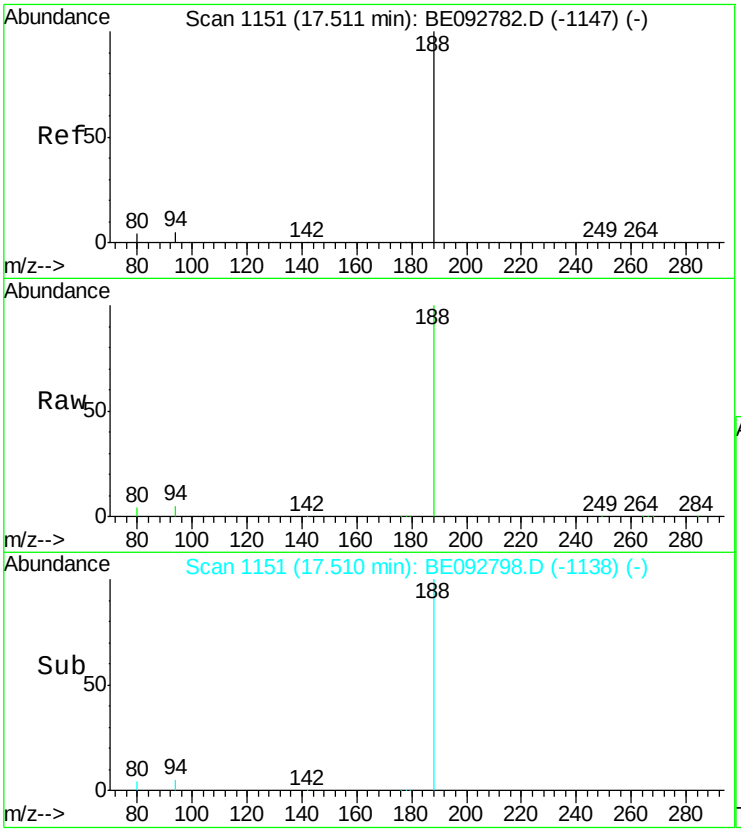


#17
Fluorene
Concen: 0.04 ng
RT: 15.81 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion:166 Resp: 239

Ion	Ratio	Lower	Upper
166	100		
165	103.8	78.2	117.4
167	14.6	11.0	16.4



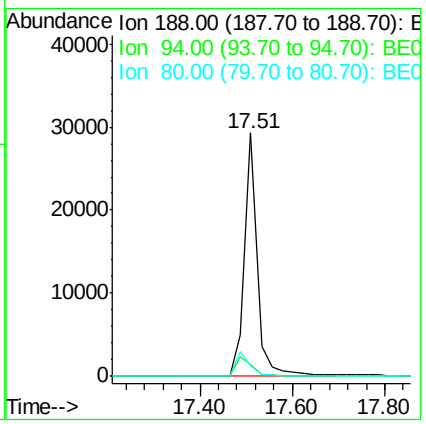


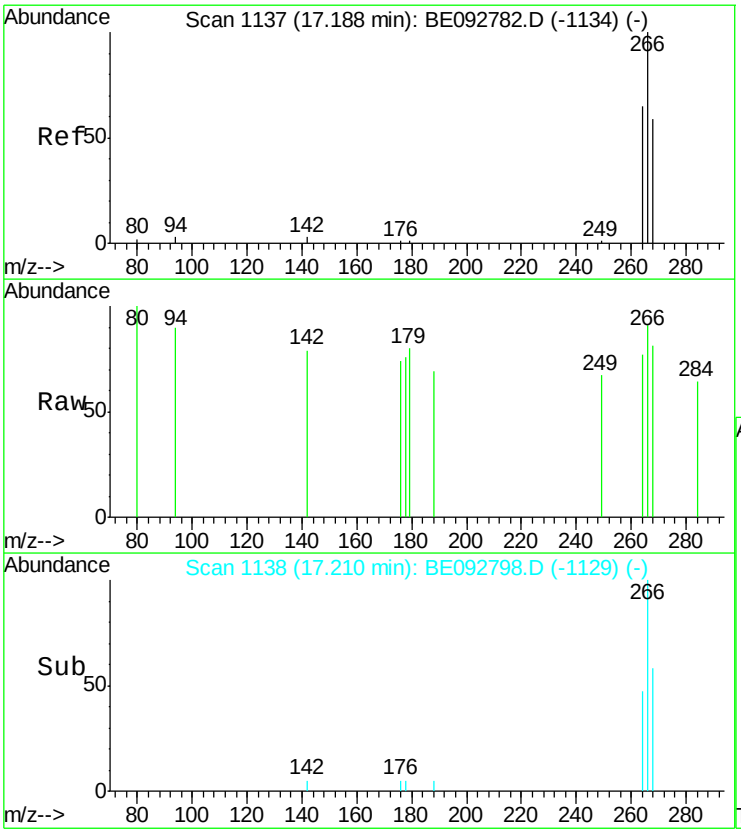
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:188 Resp: 56226

Ion	Ratio	Lower	Upper
188	100		
94	4.9	3.2	4.8#
80	4.4	2.6	3.8#

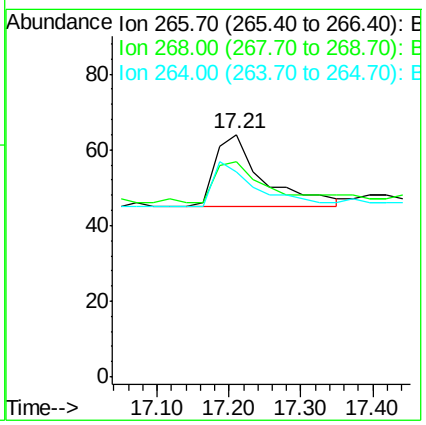


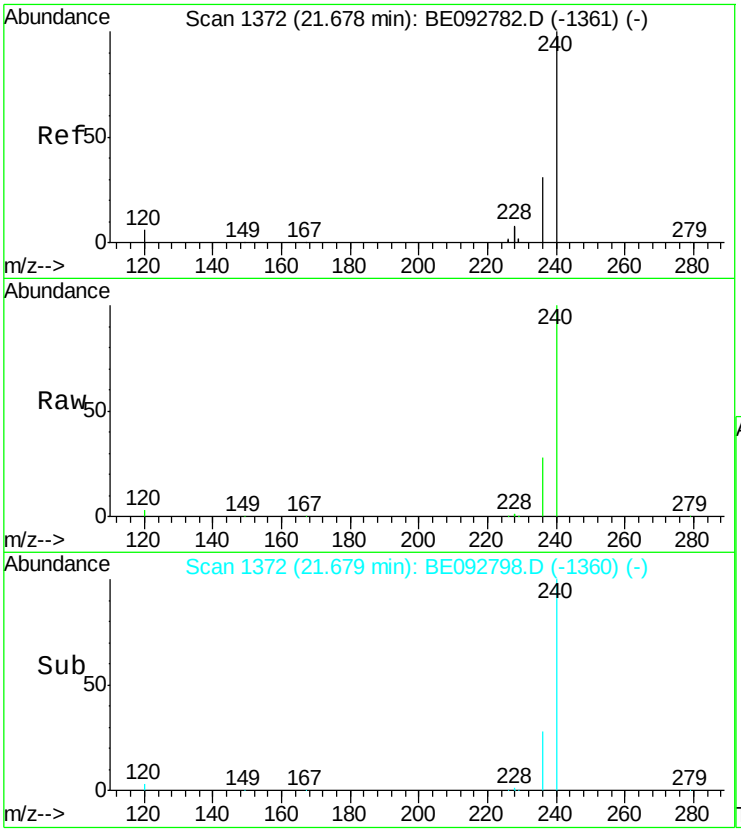


#20
Pentachlorophenol
Concen: 0.19 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion:266 Resp: 87

Ion	Ratio	Lower	Upper
266	100		
268	89.1	62.5	93.7
264	84.4	57.2	85.8



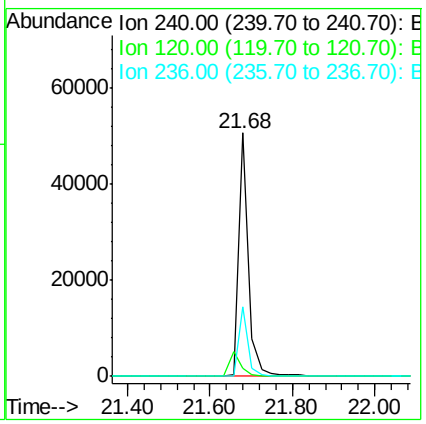


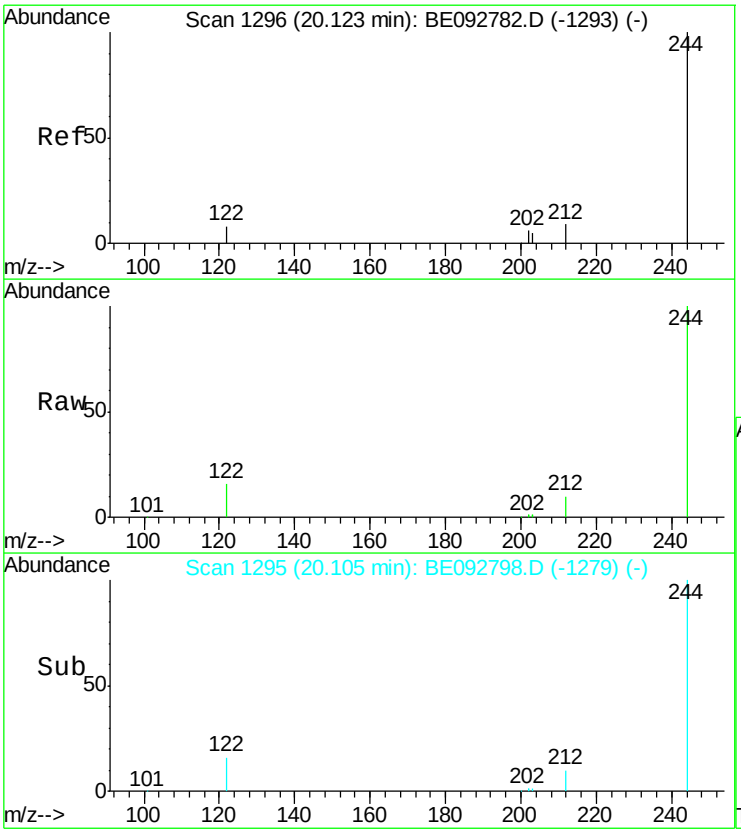
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:240 Resp: 84325

Ion	Ratio	Lower	Upper
240	100		
120	3.4	2.6	4.0
236	28.5	24.6	37.0

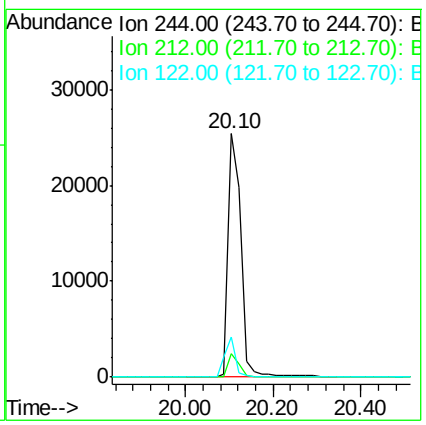


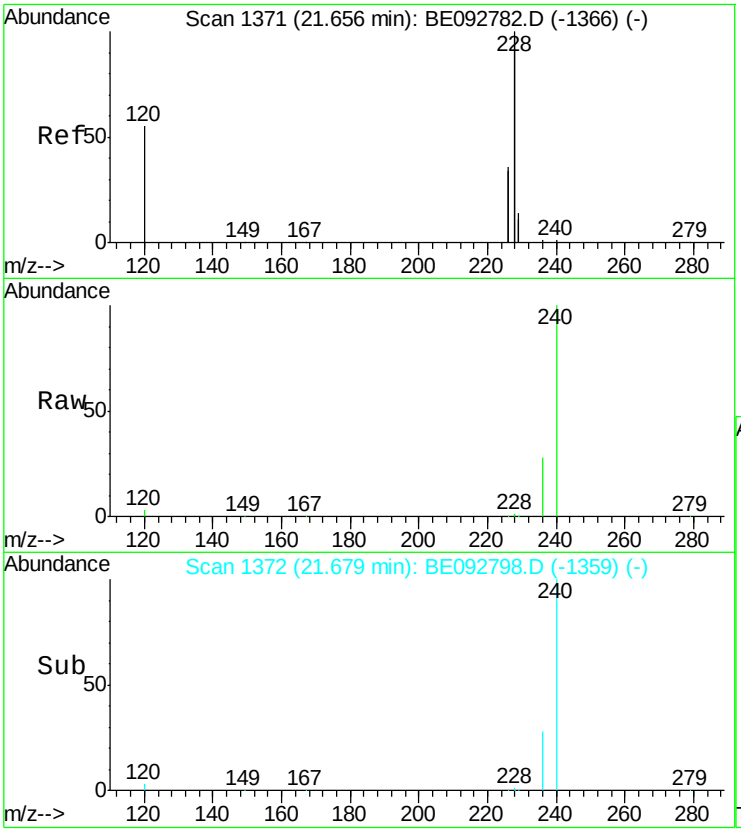


#26
Terphenyl-d14
Concen: 4.91 ng
RT: 20.10 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion:244 Resp: 50001

Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.7	10.1
122	16.5	3.6	5.4#



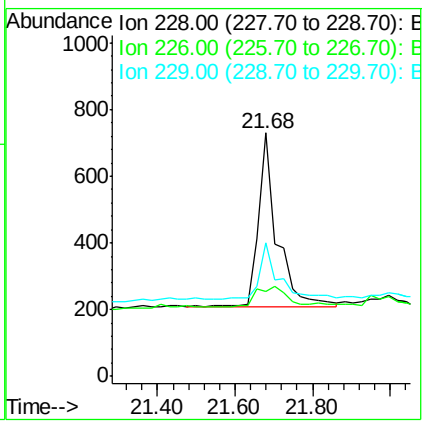


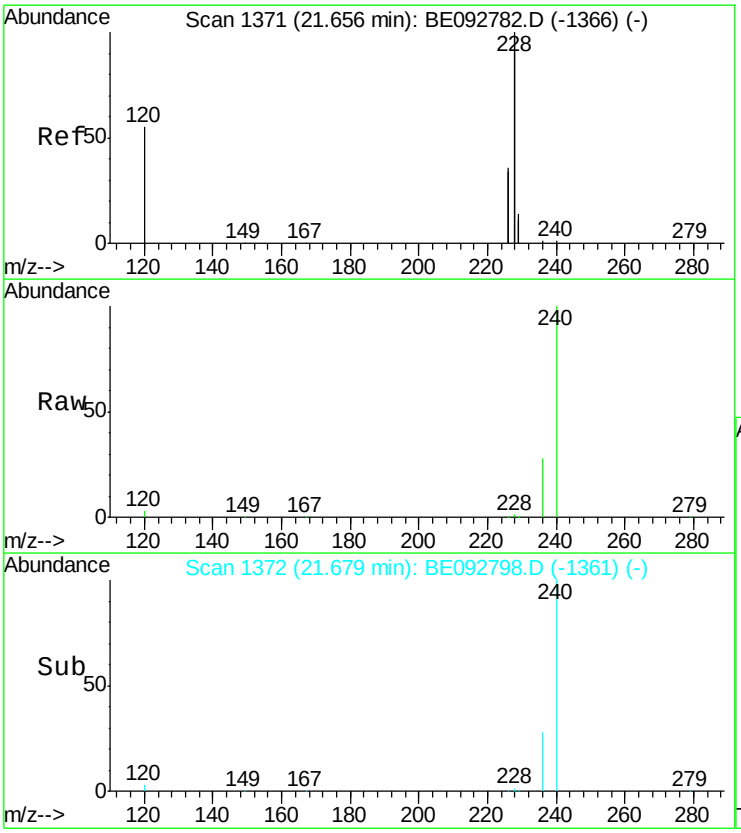
#27
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.68 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:228 Resp: 1736

Ion	Ratio	Lower	Upper
228	100		
226	34.8	23.6	35.4
229	54.8	13.3	19.9#

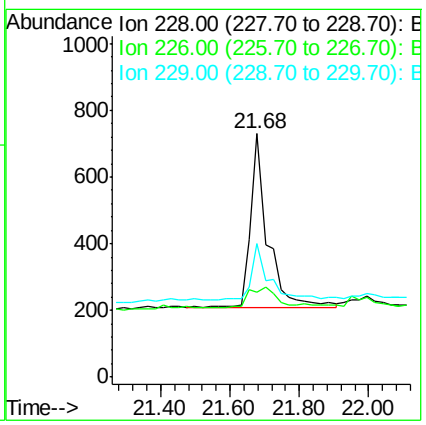


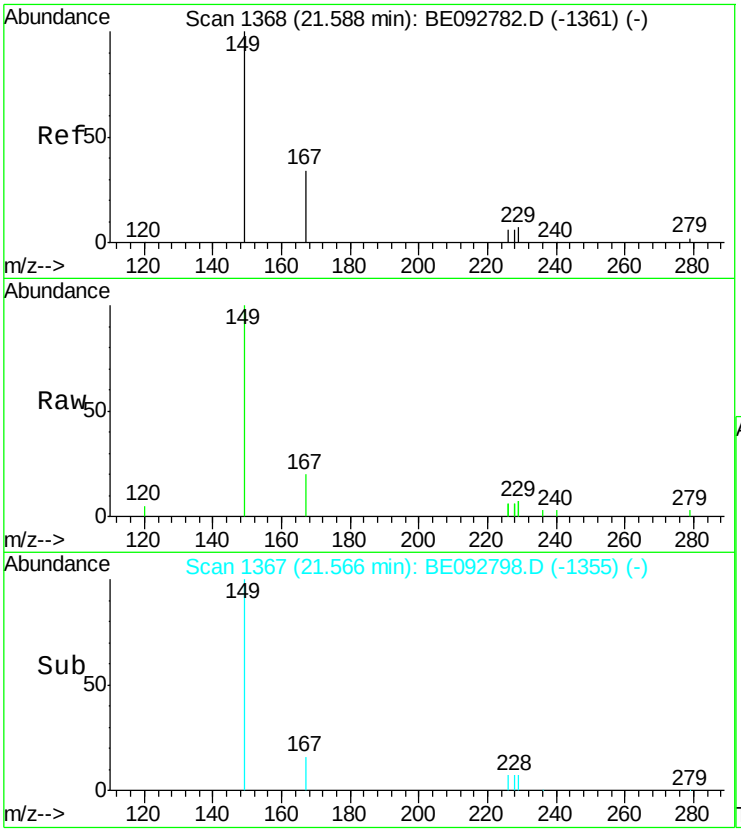


#28
Chrysene
Concen: 0.02 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.04 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion:228 Resp: 1771

Ion	Ratio	Lower	Upper
228	100		
226	34.8	36.3	54.5#
229	54.8	10.6	16.0#



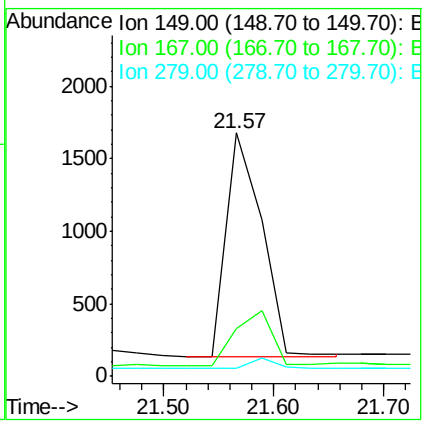


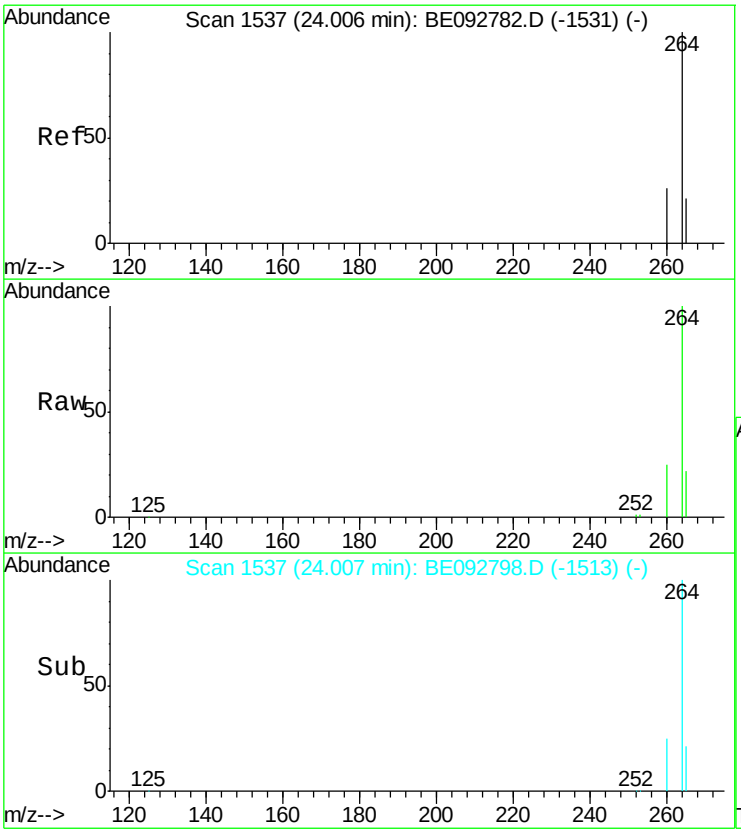
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.51 ng
RT: 21.57 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Instrument :
BNA_E
ClientSampleId :
CPS123051

Tgt Ion:149 Resp: 3449

Ion	Ratio	Lower	Upper
149	100		
167	0.0	16.0	24.0#
279	0.0	16.0	24.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092798.D
Acq: 6 Mar 2017 22:01

Tgt Ion:264 Resp: 68607

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.7	17.9	26.9