Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
Data File : BE091763.D
Acq On : 10 May 2016 19:17
Operator : UM/SJ
Sample : H2912-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CEDAR-HILL-TF-PS-003

Quant Time: May 11 01:18:30 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45789	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	221031	5.00	ng	0.00
13) Acenaphthene-d10	14.40	164	133337	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	351826	5.00	ng	0.00
26) Chrysene-d12	21.31	240	301050	5.00	ng	0.00
35) Perylene-d12	23.75	264	319252	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	90957	8.09	ng	0.00
5) Phenol-d6	6.95	99	139069	9.32	ng	0.00
8) Nitrobenzene-d5	8.95	82	62810	4.40	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	41792	8.41	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	176855	4.69	ng	0.00
29) Terphenyl-d14	19.76	244	266671	5.68	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.57	42	405	0.05	ng	# 1
22) Pentachlorophenol	16.79	266	507	0.17	ng	93
27) Benzidine	19.44	184	352	0.18	ng	# 1
30) Benzo(a)anthracene	21.29	228	1715	0.02	ng	# 83
32) Chrysene	21.29	228	1748	0.02	ng	# 79
33) Bis(2-ethylhexyl)phthalate	21.20	149	7357	0.33	ng	# 86

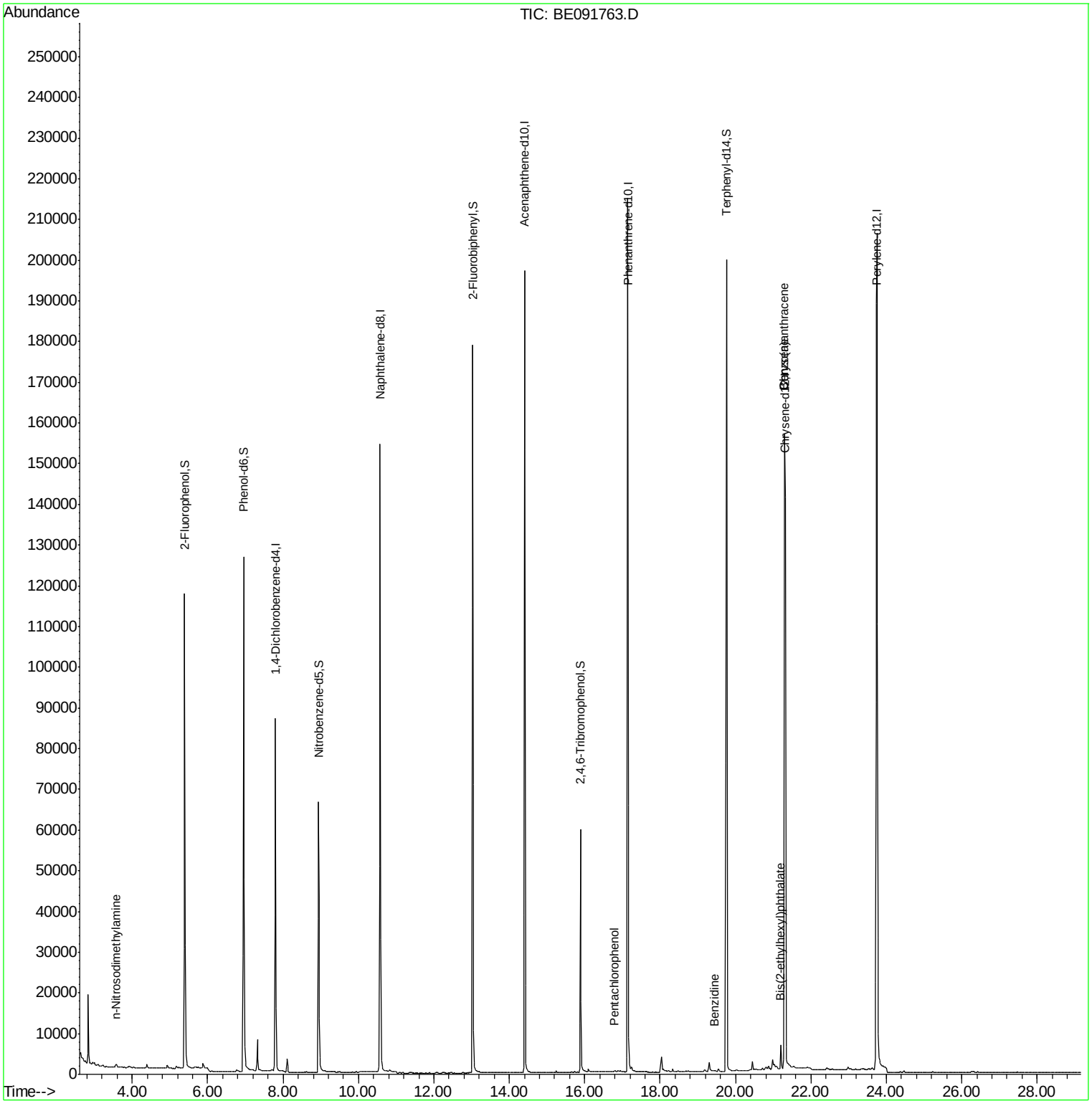
(#) = qualifier out of range (m) = manual integration (+) = signals summed

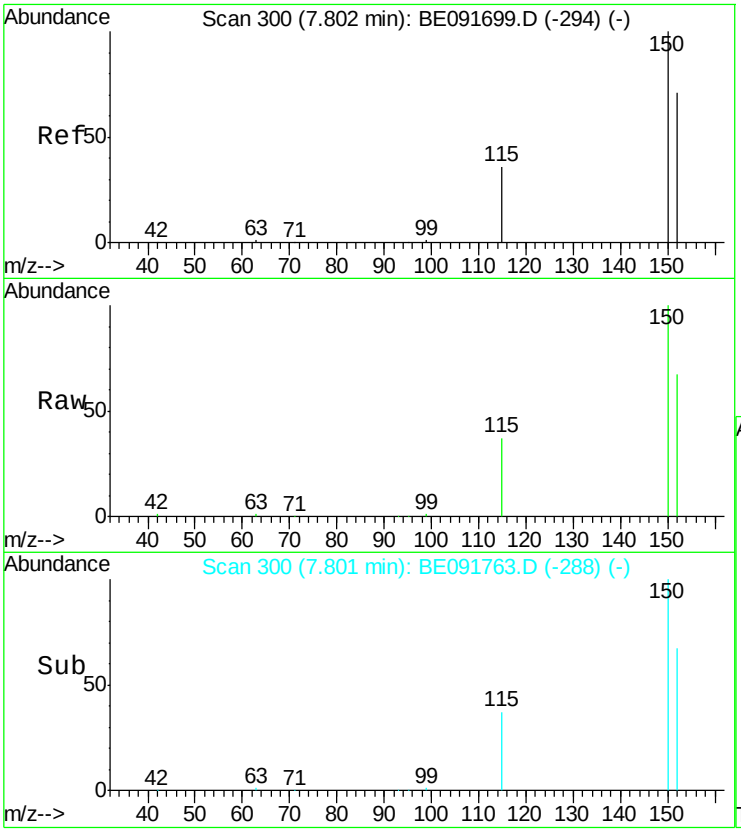
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
Data File : BE091763.D
Acq On : 10 May 2016 19:17
Operator : UM/SJ
Sample : H2912-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Quant Time: May 11 01:18:30 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration



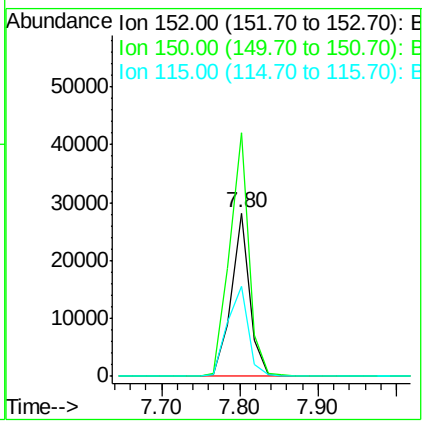


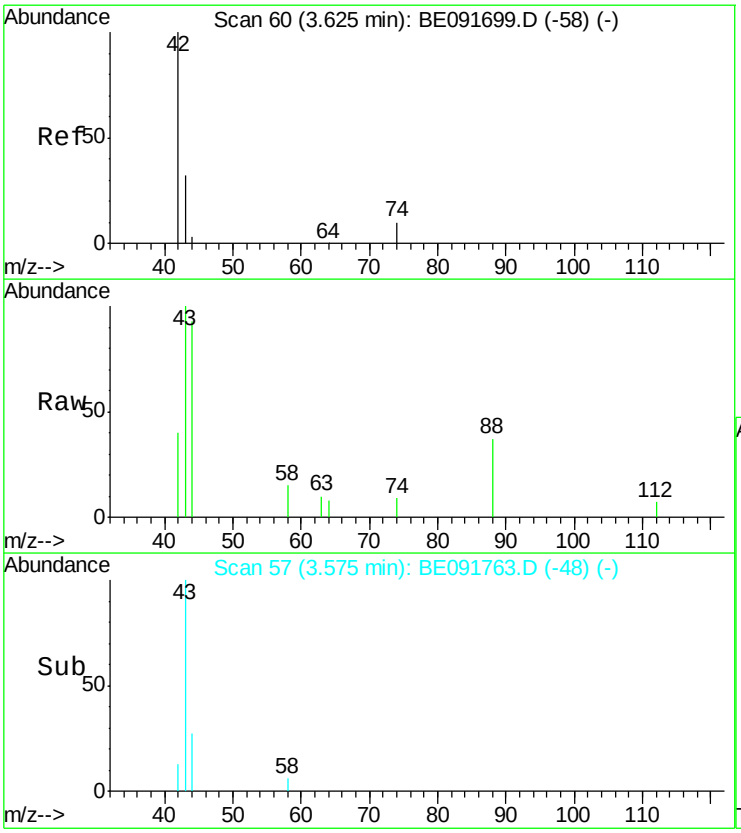
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:152 Resp: 45789

Ion	Ratio	Lower	Upper
152	100		
150	148.8	122.6	183.8
115	55.3	52.8	79.2

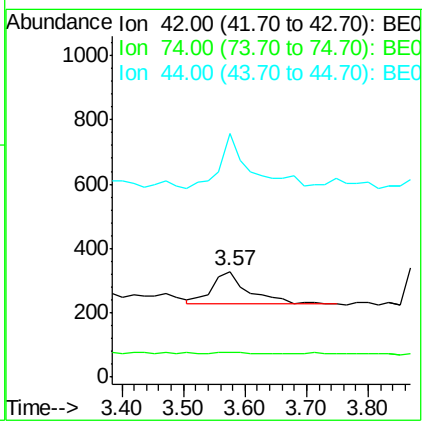


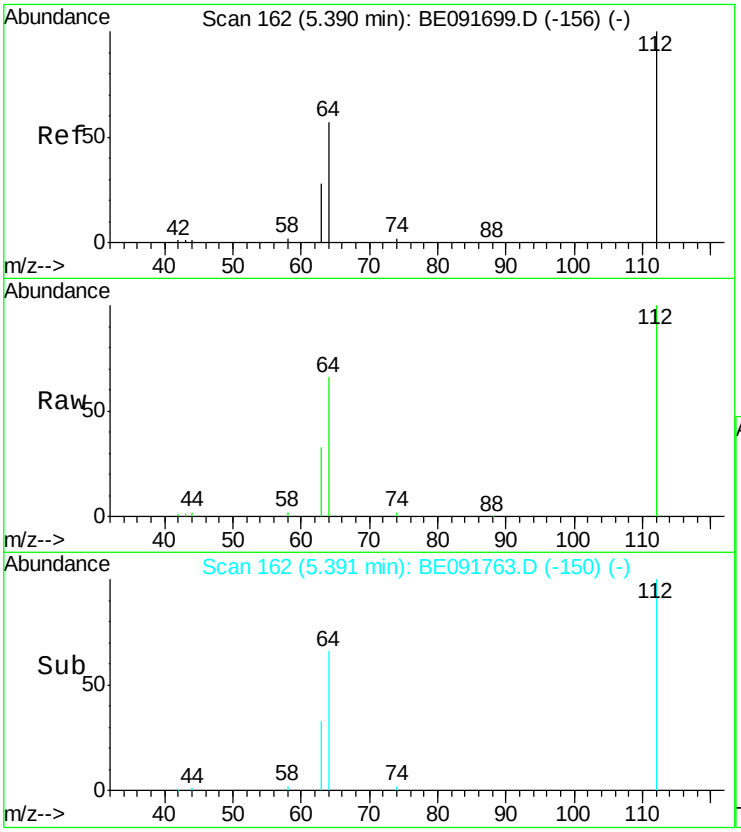


#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.57 min Scan# 57
Delta R.T. -0.05 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion: 42 Resp: 405

Ion	Ratio	Lower	Upper
42	100		
74	3.0	87.9	131.9#
44	147.7	6.6	9.8#



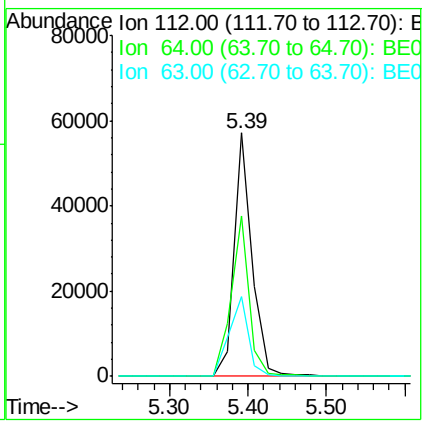


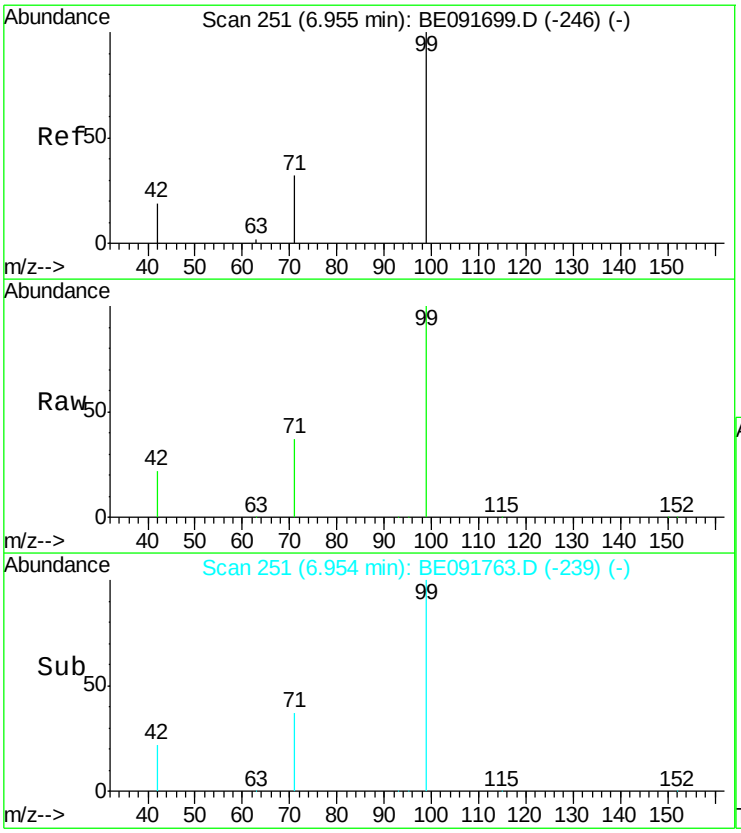
#4
2-Fluorophenol
Concen: 8.09 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:112 Resp: 90957

Ion	Ratio	Lower	Upper
112	100		
64	66.1	30.9	46.3#
63	35.7	16.7	25.1#

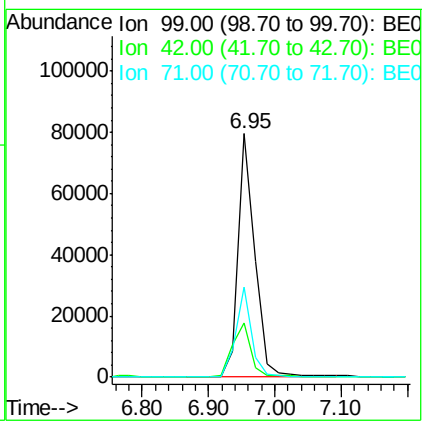


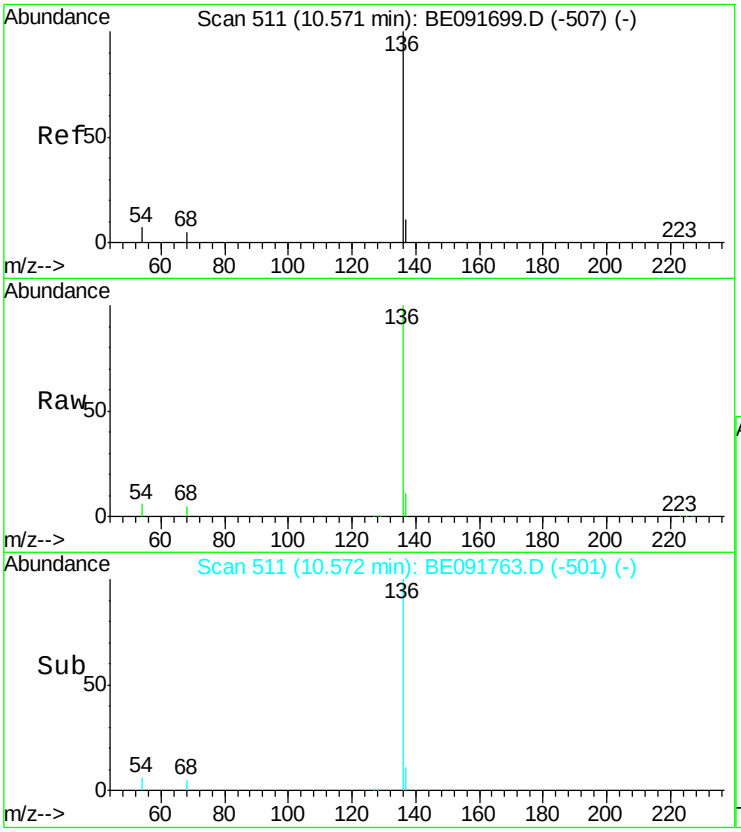


#5
Phenol-d6
Concen: 9.32 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion: 99 Resp: 139069

Ion	Ratio	Lower	Upper
99	100		
42	24.0	16.2	24.2
71	35.0	29.0	43.4



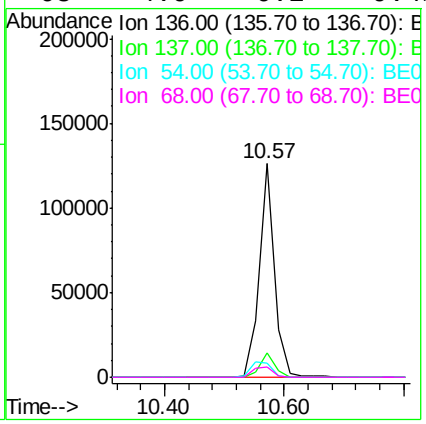


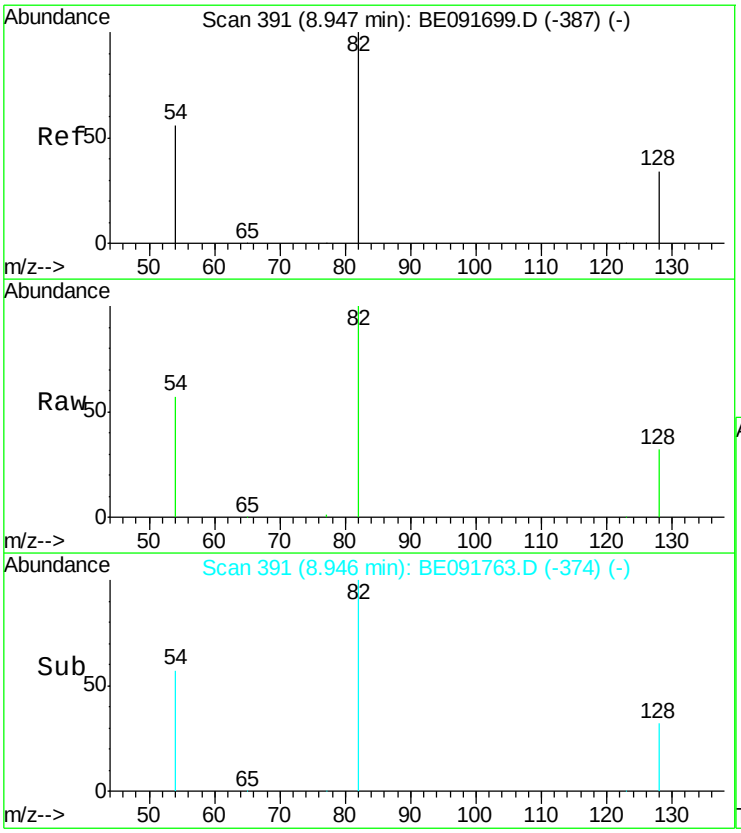
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:136 Resp: 221031

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	8.2	12.4#
68	4.9	6.2	9.4#

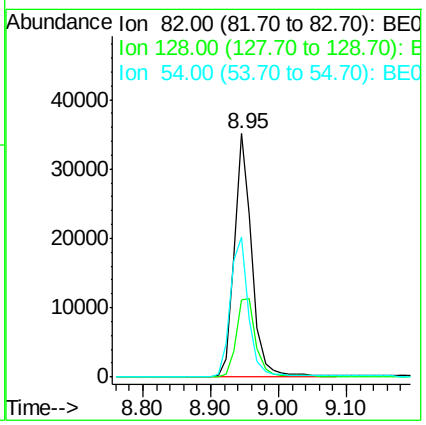


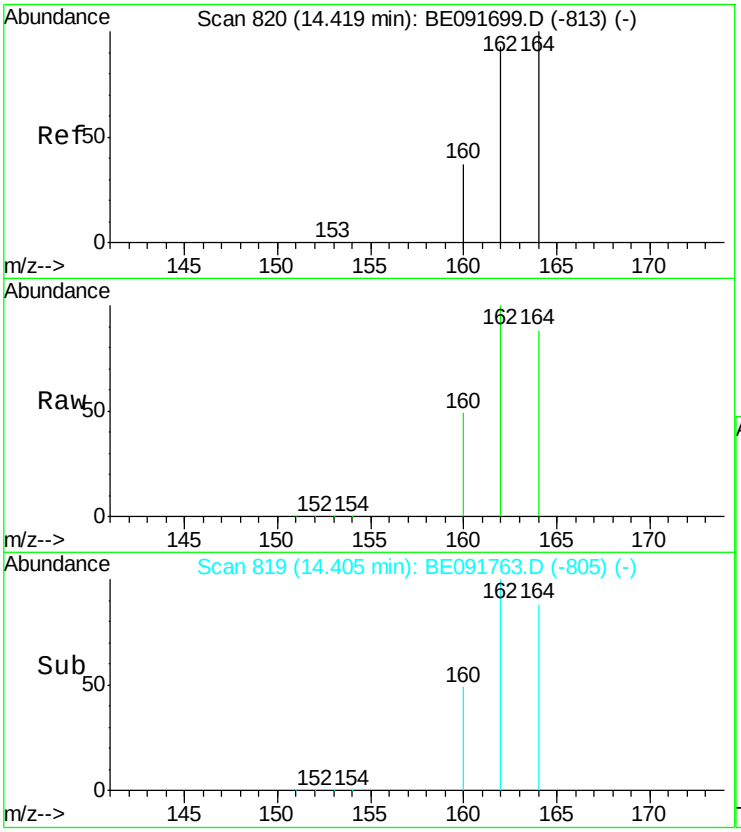


#8
Nitrobenzene-d5
Concen: 4.40 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion: 82 Resp: 62810

Ion	Ratio	Lower	Upper
82	100		
128	31.9	25.4	38.0
54	57.4	48.4	72.6



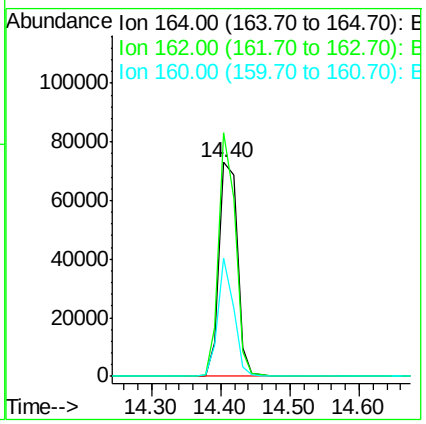


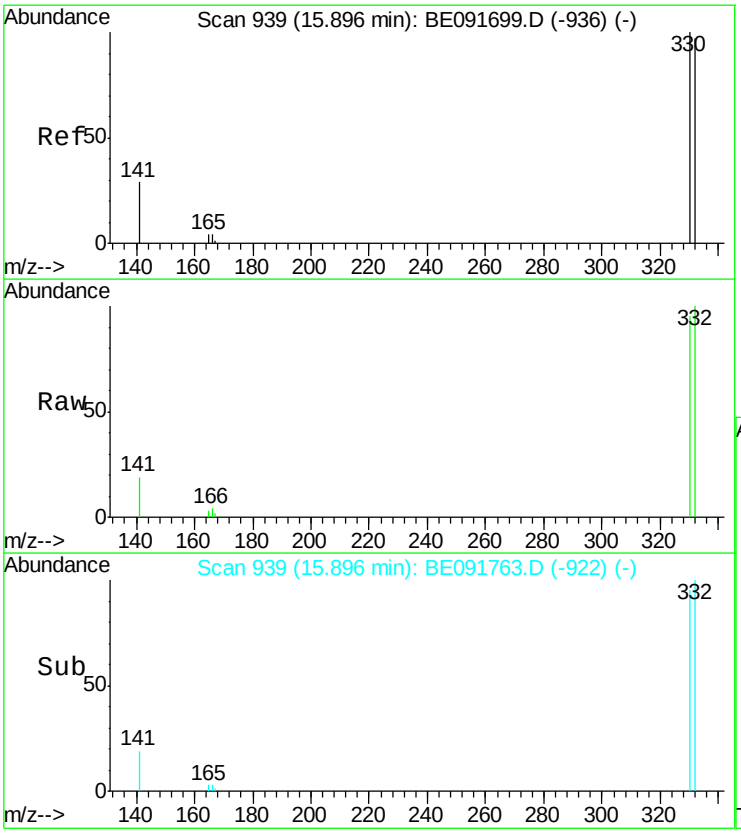
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:164 Resp: 133337

Ion	Ratio	Lower	Upper
164	100		
162	113.7	85.3	127.9
160	55.5	46.2	69.2

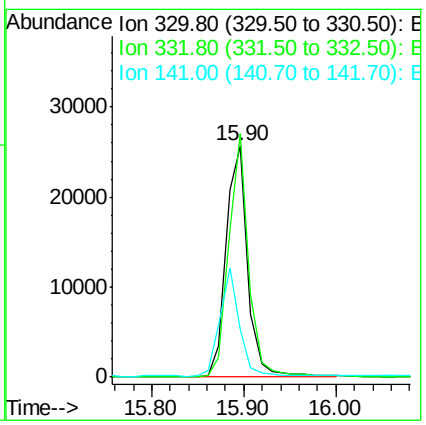


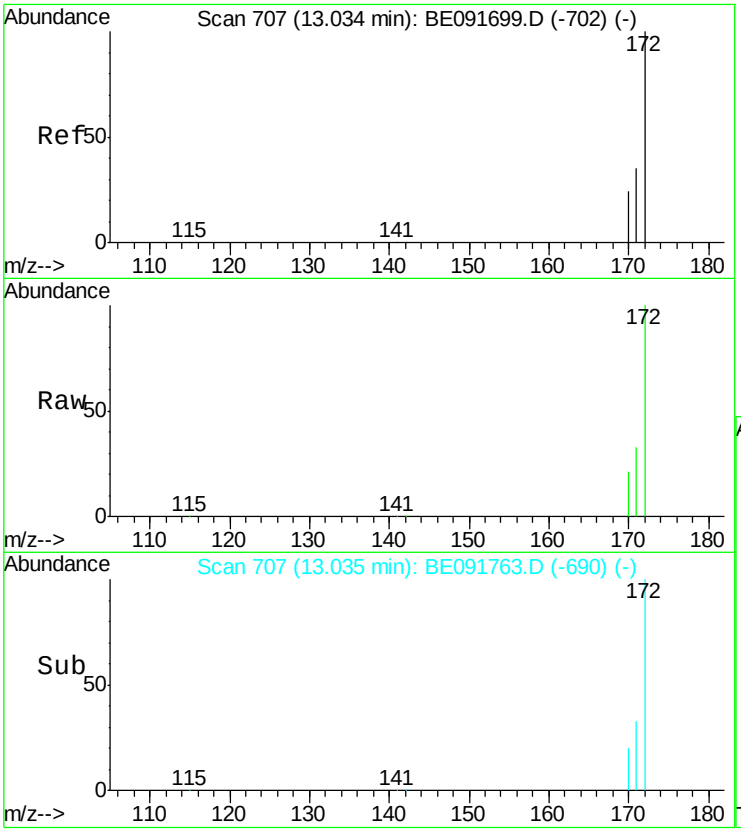


#14
2,4,6-Tribromophenol
Concen: 8.41 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion:330 Resp: 41792

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	42.3	125.4	188.0#



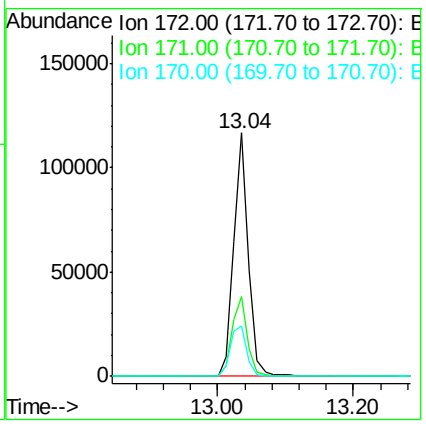


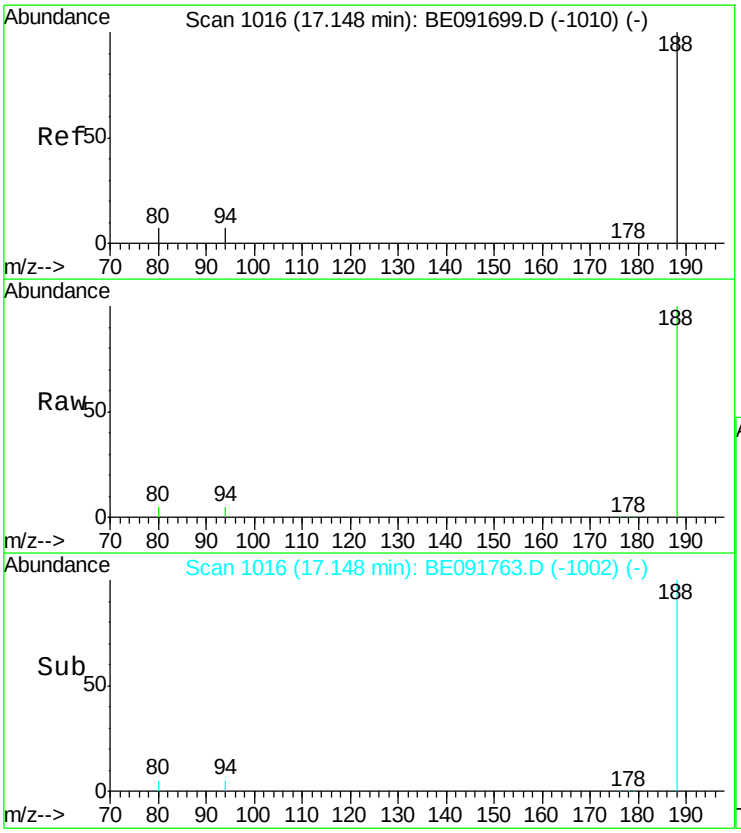
#15
2-Fluorobiphenyl
Concen: 4.69 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:172 Resp: 176855

Ion	Ratio	Lower	Upper
172	100		
171	32.5	28.8	43.2
170	20.5	19.3	28.9

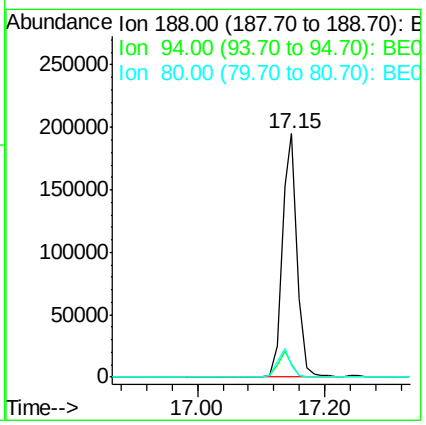


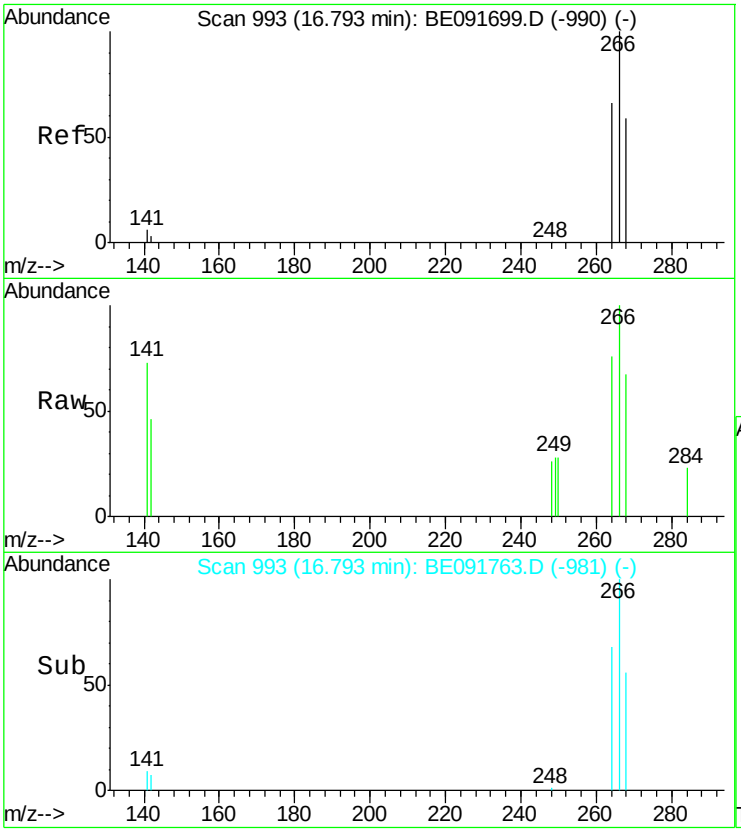


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion:188 Resp: 351826

Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	4.7	9.4	14.0#



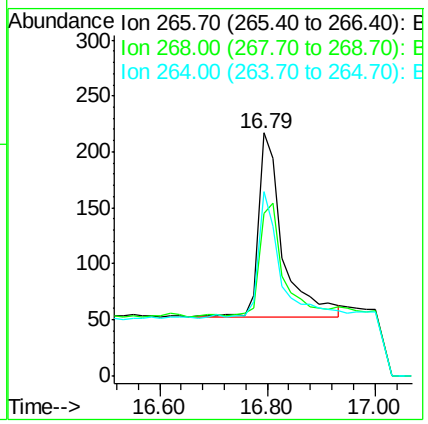


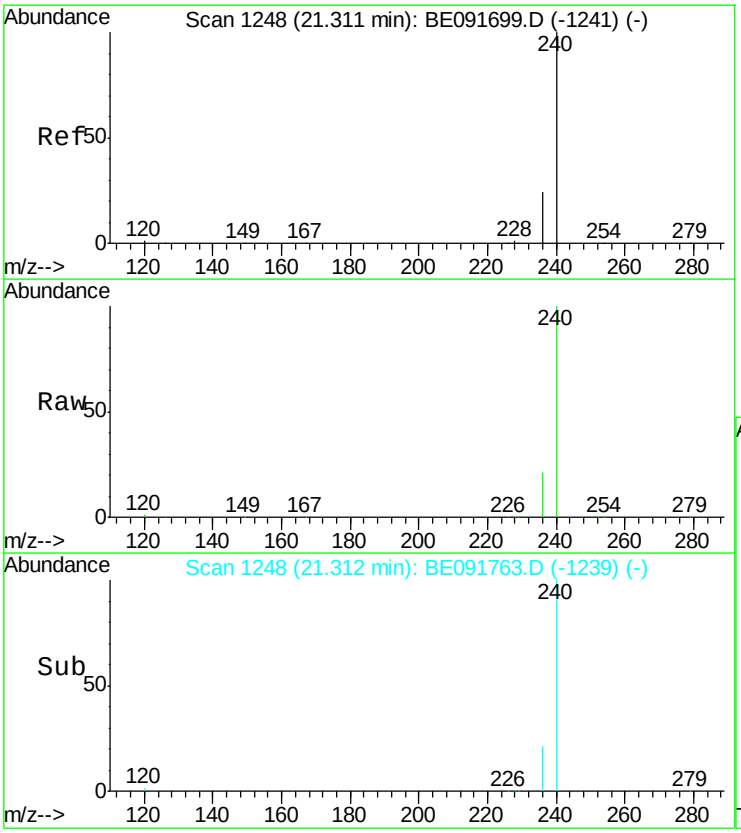
#22
Pentachlorophenol
Concen: 0.17 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:266 Resp: 507

Ion	Ratio	Lower	Upper
266	100		
268	66.8	58.2	87.2
264	75.6	56.2	84.4

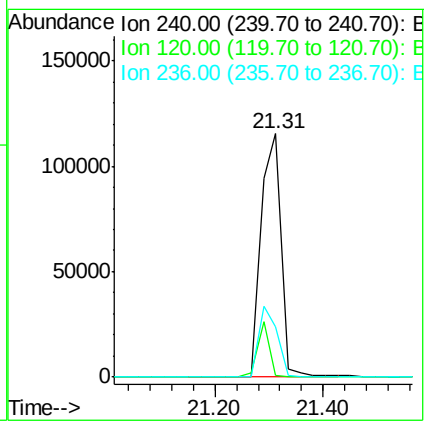


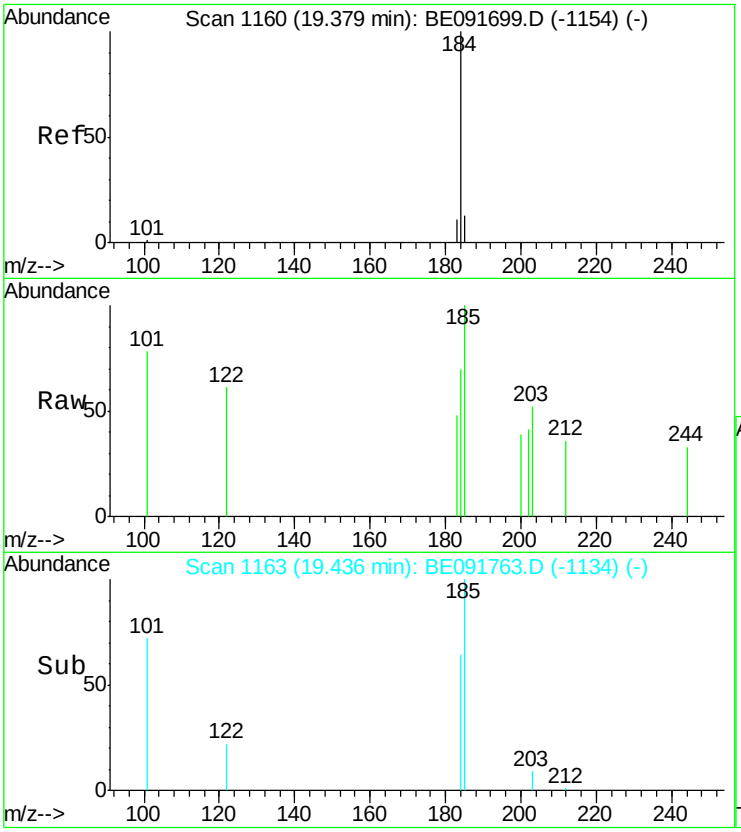


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion:240 Resp: 301050

Ion	Ratio	Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	20.7	21.7	32.5#



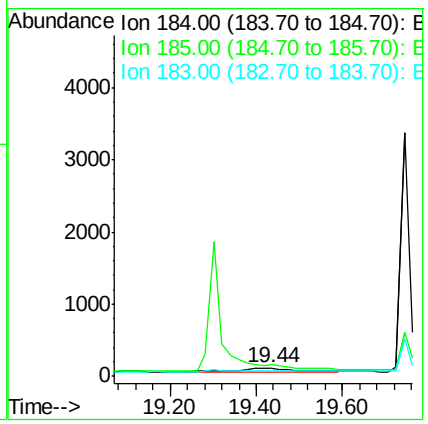


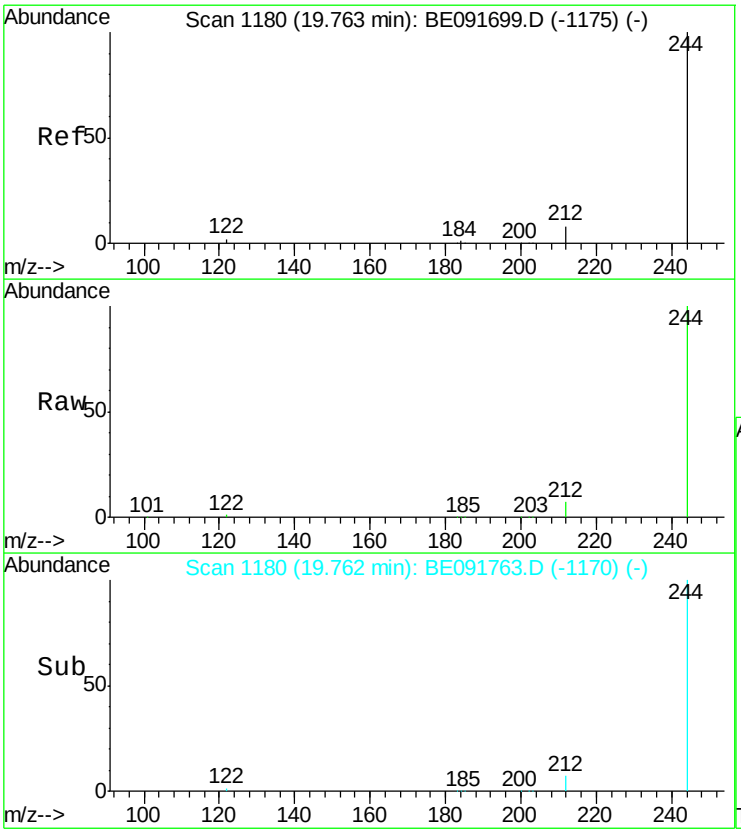
#27
Benzidine
Concen: 0.18 ng
RT: 19.44 min Scan# 1163
Delta R.T. 0.06 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:184 Resp: 352

Ion	Ratio	Lower	Upper
184	100		
185	142.9	22.3	33.5#
183	67.9	16.4	24.6#

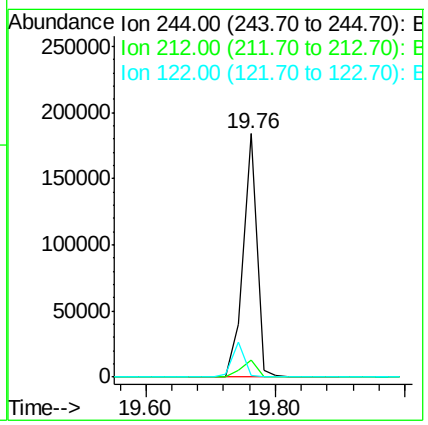


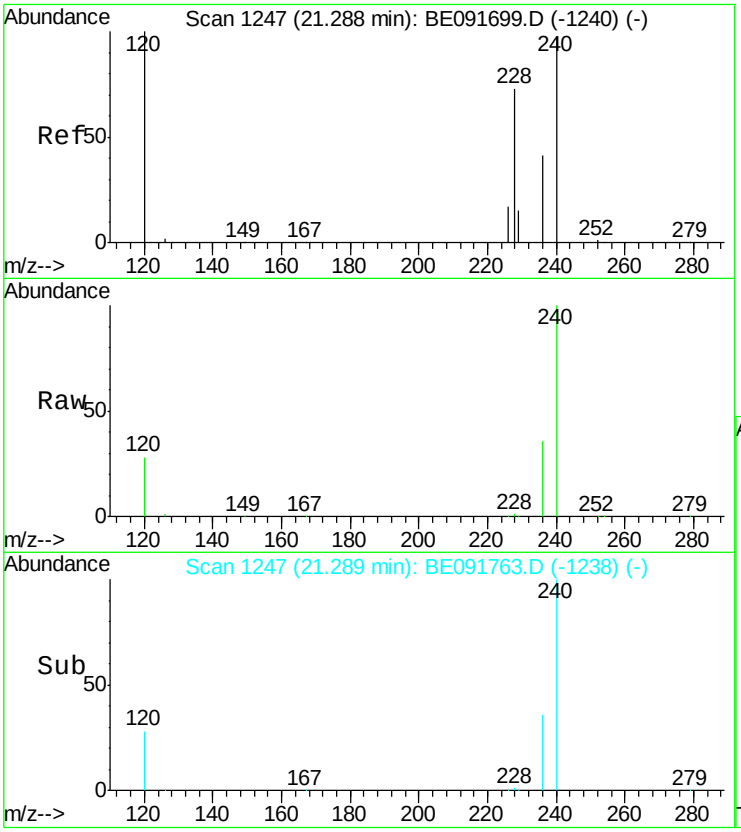


#29
Terphenyl-d14
Concen: 5.68 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion:244 Resp: 266671

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.9	10.3#
122	0.9	11.0	16.4#



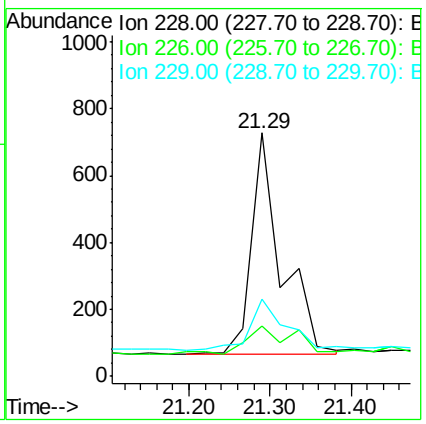


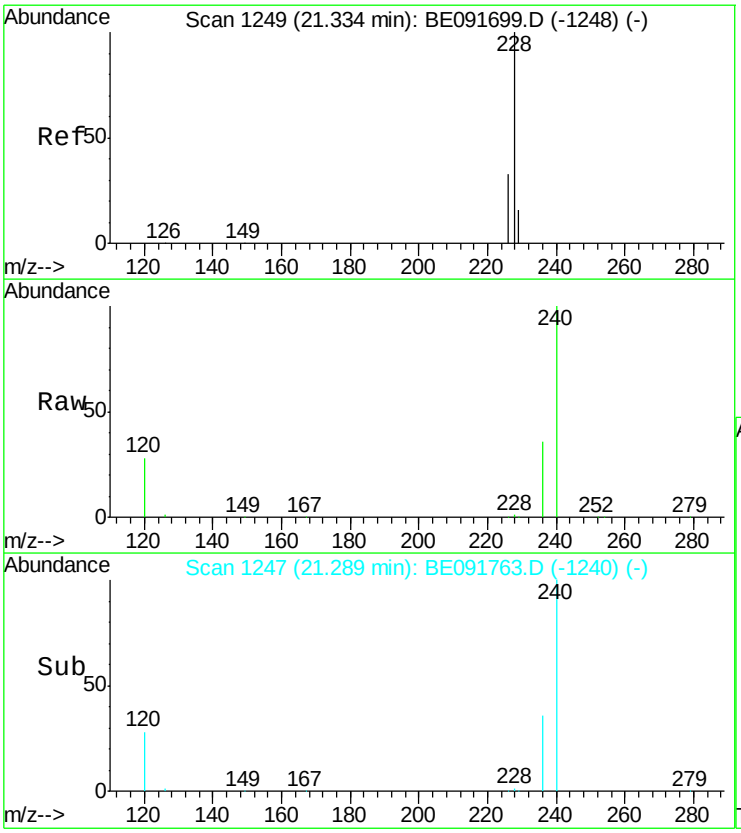
#30
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:228 Resp: 1715

Ion	Ratio	Lower	Upper
228	100		
226	20.9	21.0	31.4#
229	31.9	15.7	23.5#

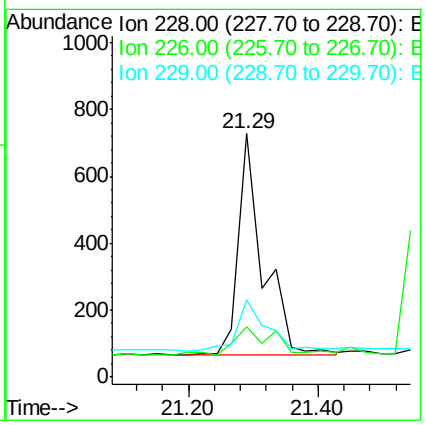


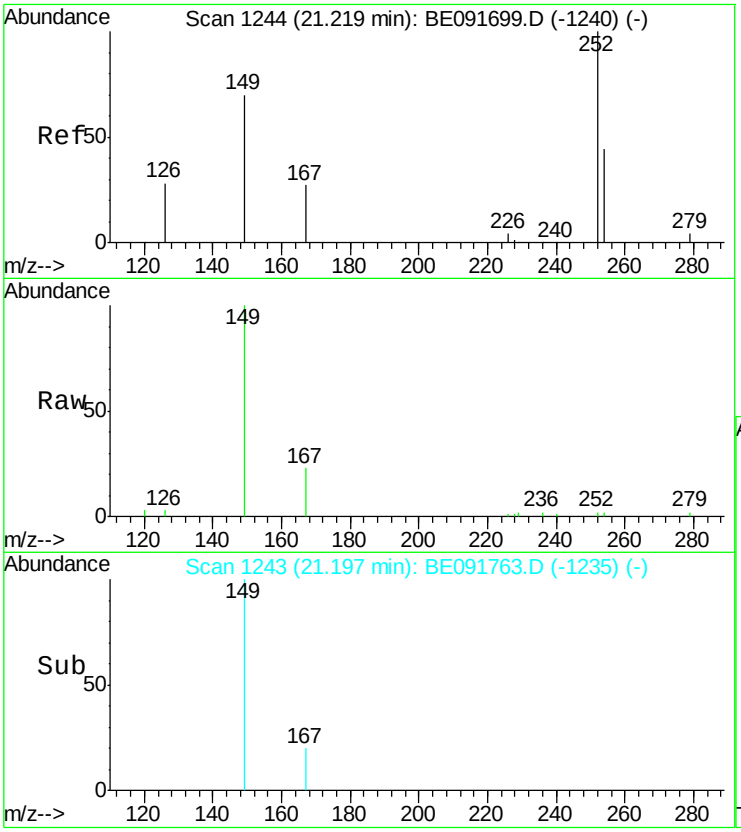


#32
Chrysene
Concen: 0.02 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.04 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion:228 Resp: 1748

Ion	Ratio	Lower	Upper
228	100		
226	20.9	24.0	36.0#
229	31.9	15.9	23.9#



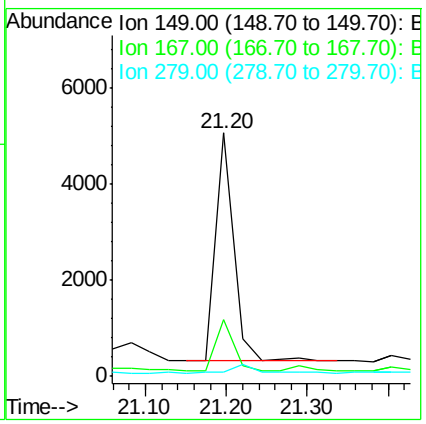


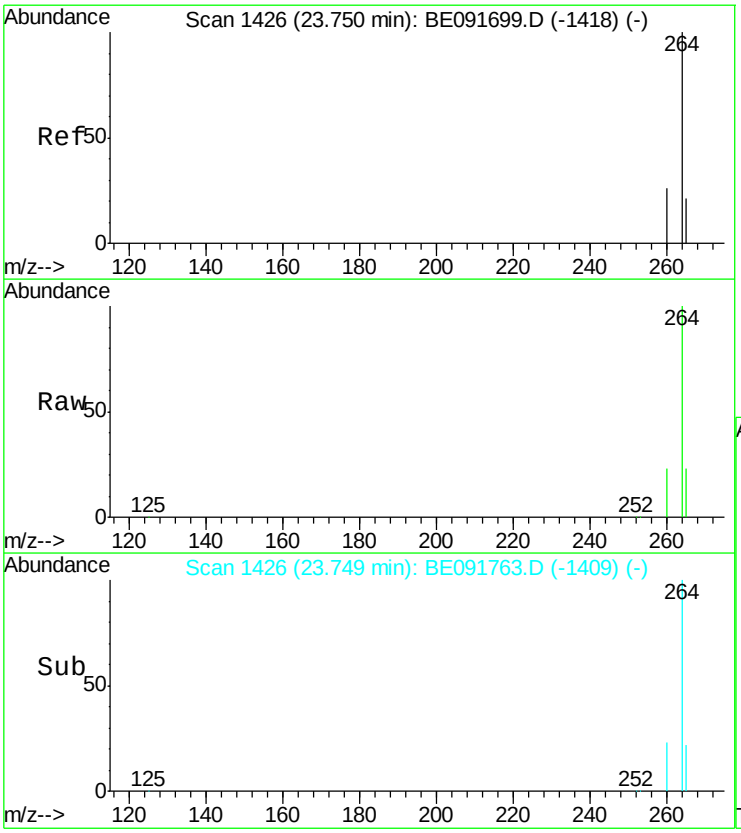
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-003

Tgt Ion:149 Resp: 7357

Ion	Ratio	Lower	Upper
149	100		
167	22.3	19.5	29.3
279	0.0	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091763.D
Acq: 10 May 2016 19:17

Tgt Ion:264 Resp: 319252

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.0	30.0
265	22.5	17.5	26.3