Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021916\
Data File : BE091417.D
Acq On : 19 Feb 2016 17:02
Operator : UM/IZ
Sample : H1498-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-160216

Quant Time: Feb 19 23:08:30 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE020216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 00:27:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	38212	5.00	ng	0.00
4) Naphthalene-d8	9.54	136	182940	5.00	ng	0.00
8) Acenaphthene-d10	13.34	164	121275	5.00	ng	0.00
14) Phenanthrene-d10	16.08	188	288686	5.00	ng	-0.01
18) Chrysene-d12	20.22	240	334319	5.00	ng	0.00
24) Perylene-d12	22.09	264	337522	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	4.91	112	23753	2.77	ng	-0.04
3) Phenol-d6	6.56	99	17972	1.57	ng	0.00
5) Nitrobenzene-d5	8.16	82	47882	4.01	ng	-0.01
9) 2,4,6-Tribromophenol	14.89	330	36671	6.25	ng	-0.01
10) 2-Fluorobiphenyl	12.00	172	137353	4.35	ng	-0.01
20) Terphenyl-d14	18.61	244	241992	4.89	ng	0.00
Target Compounds						Qvalue
28) Dibenzo(a,h)anthracene	23.67	278	2306	0.28	ng	# 75

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

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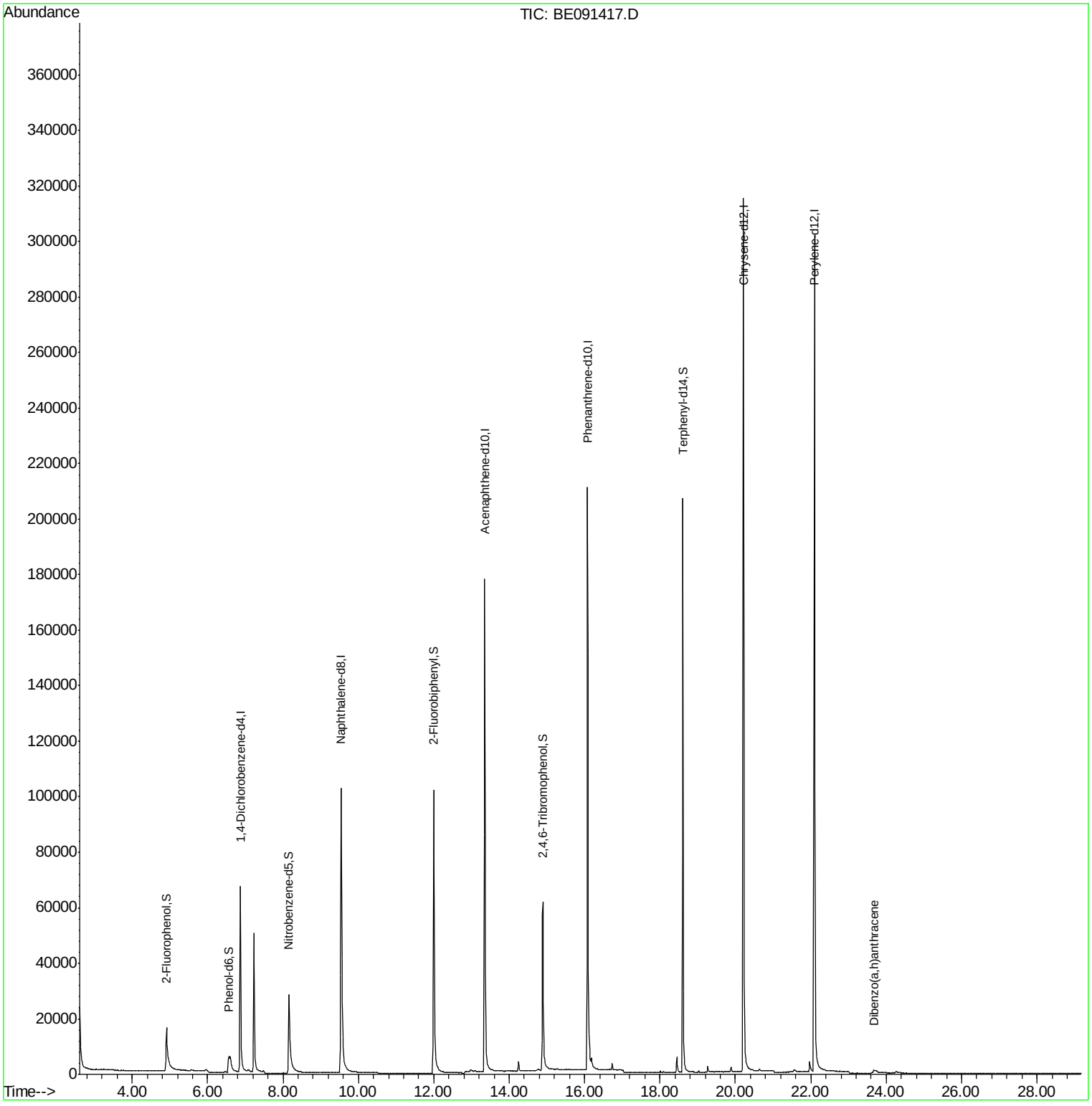
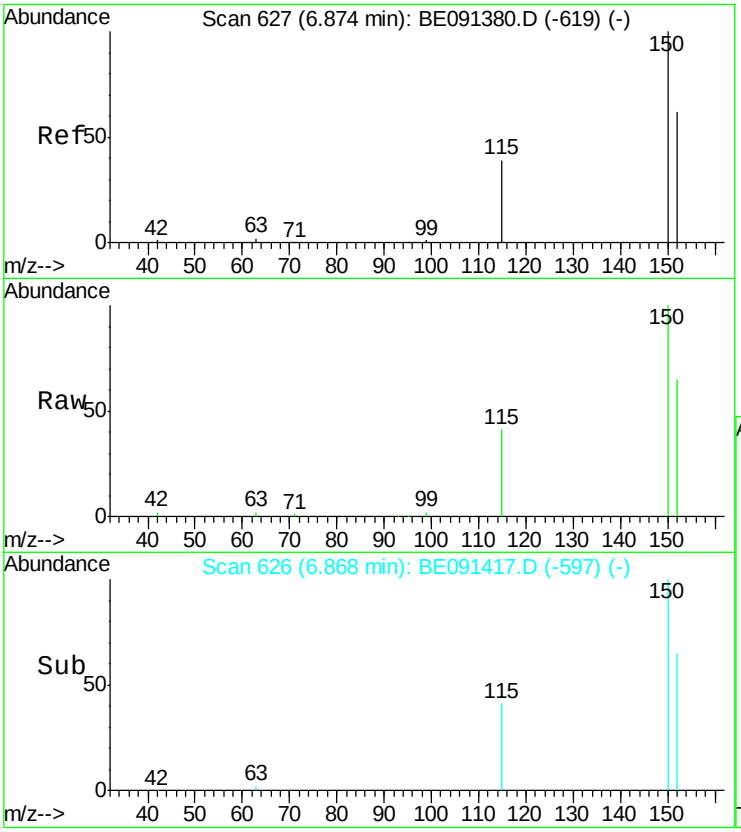


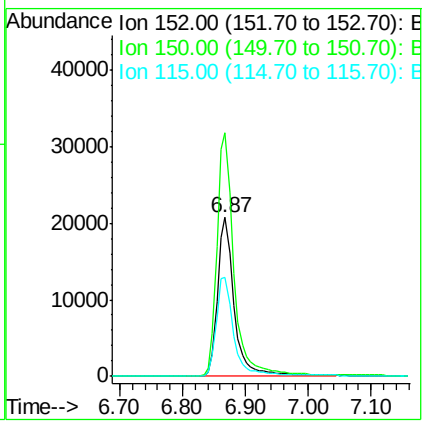


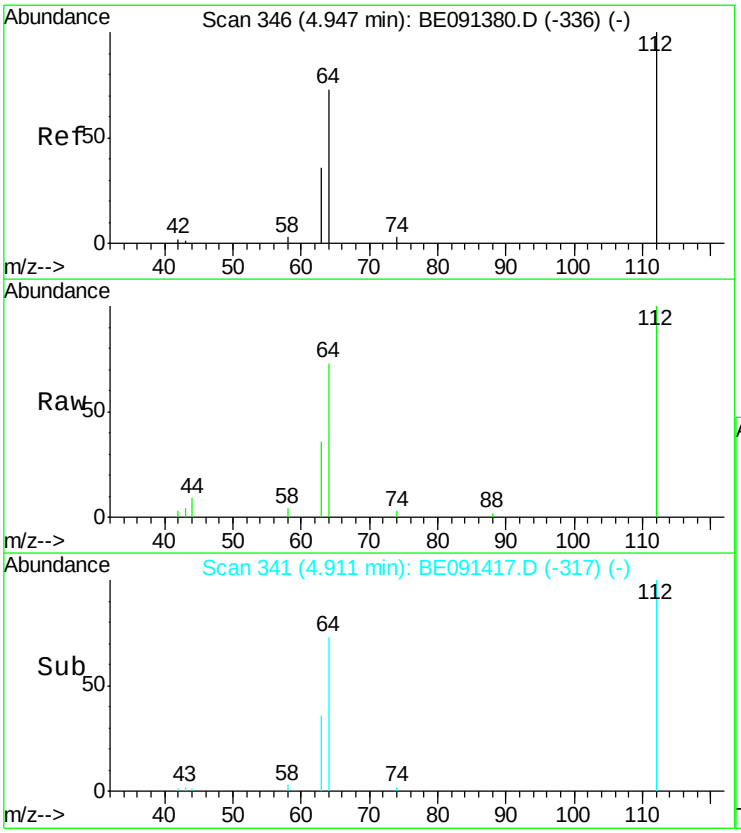
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.87 min Scan# 626
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160216

Tgt Ion:152 Resp: 38212

Ion	Ratio	Lower	Upper
152	100		
150	153.3	128.9	193.3
115	62.5	50.9	76.3

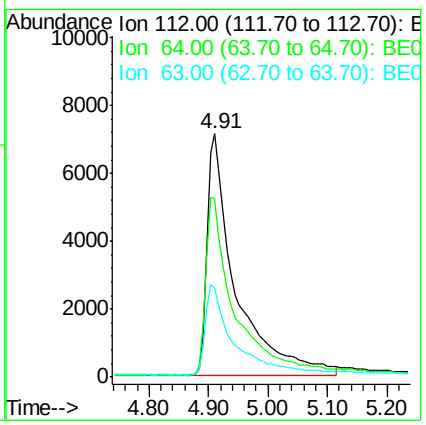


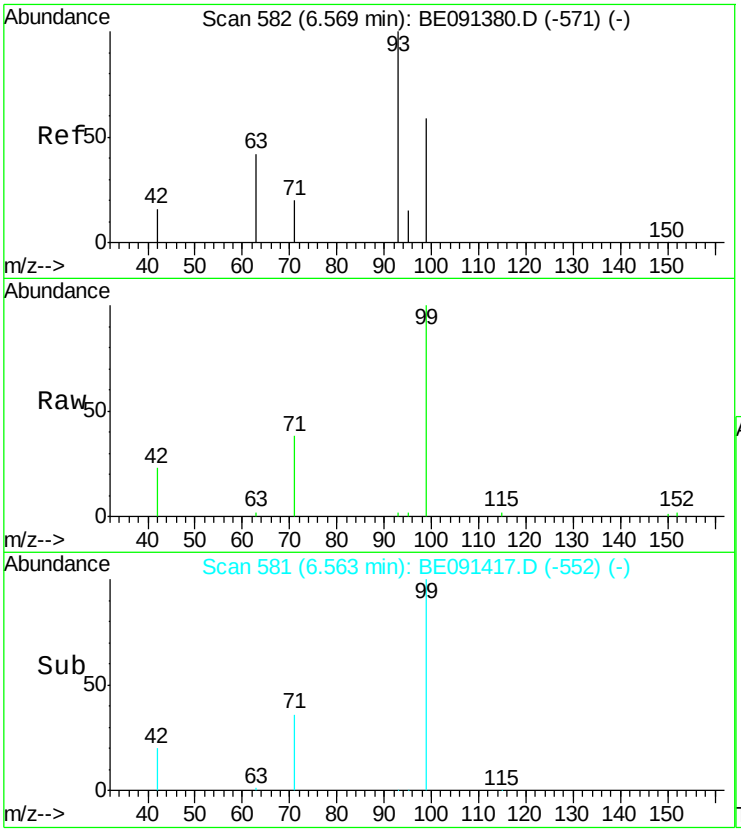


#2
2-Fluorophenol
Concen: 2.77 ng
RT: 4.91 min Scan# 341
Delta R.T. -0.04 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Tgt Ion:112 Resp: 23753

Ion	Ratio	Lower	Upper
112	100		
64	74.7	60.5	90.7
63	37.9	29.8	44.8



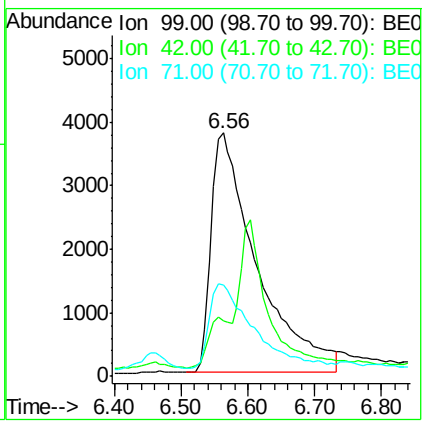


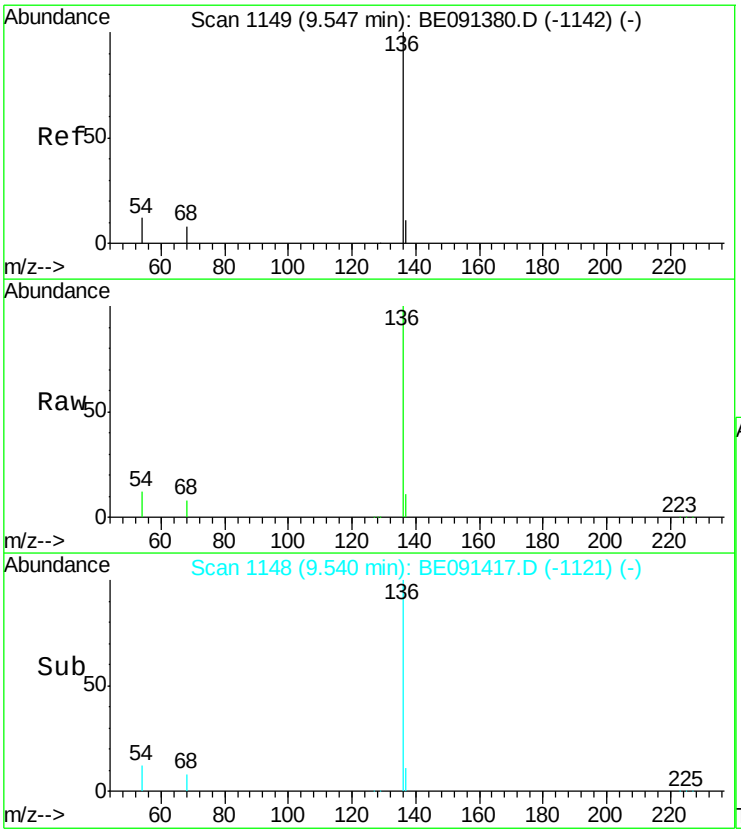
#3
Phenol-d6
Concen: 1.57 ng
RT: 6.56 min Scan# 581
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160216

Tgt Ion: 99 Resp: 17972

Ion	Ratio	Lower	Upper
99	100		
42	8.8	13.3	19.9#
71	34.4	25.6	38.4

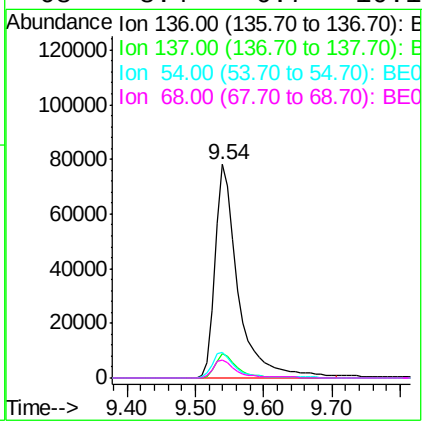


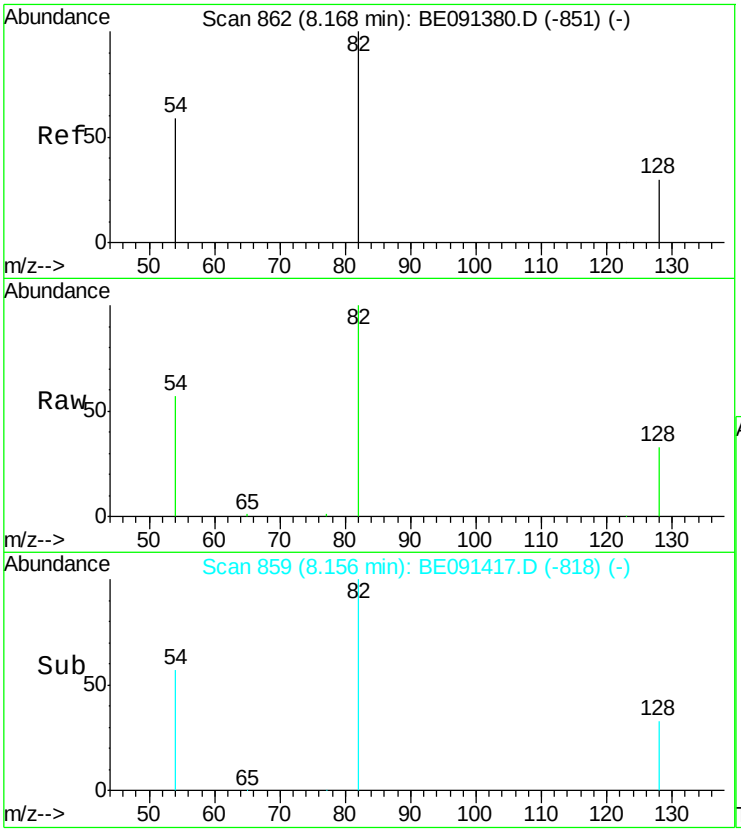


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 9.54 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Tgt Ion:136 Resp: 182940

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.9	9.3	13.9
68	8.4	6.7	10.1



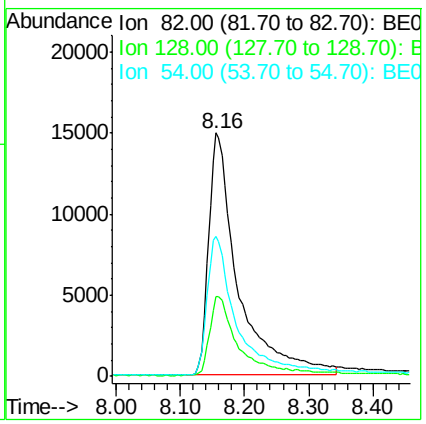


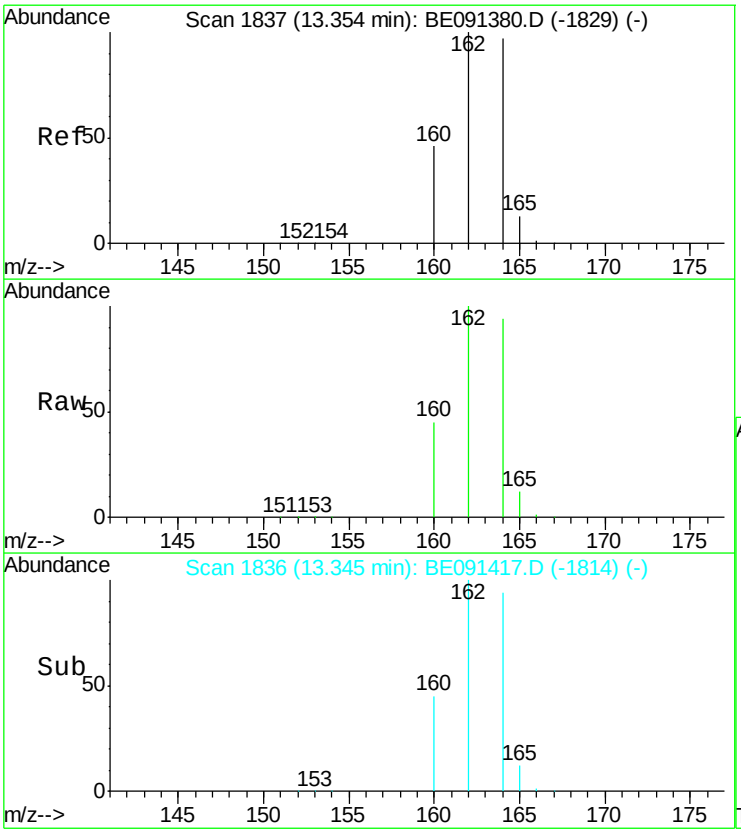
#5
Nitrobenzene-d5
Concen: 4.01 ng
RT: 8.16 min Scan# 859
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160216

Tgt Ion: 82 Resp: 47882

Ion	Ratio	Lower	Upper
82	100		
128	32.8	25.0	37.4
54	57.3	48.1	72.1

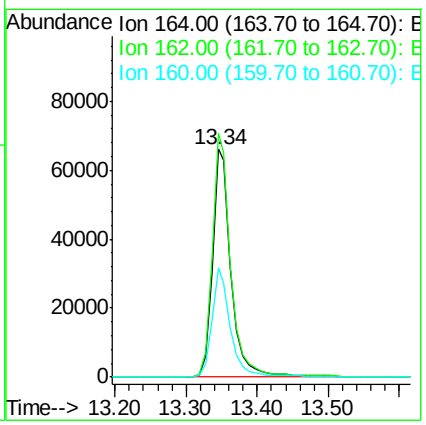


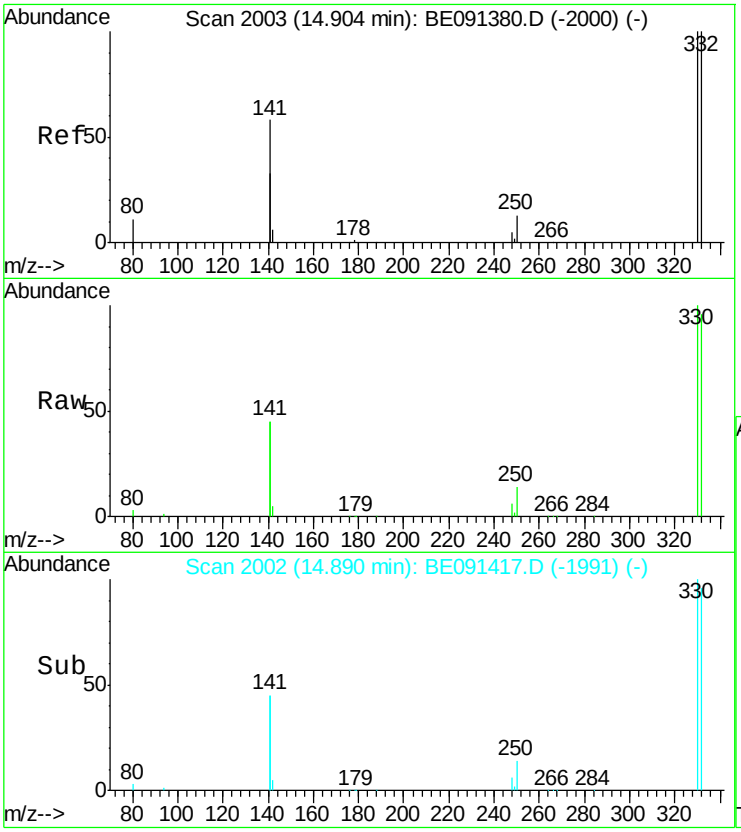


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.34 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Tgt Ion:164 Resp: 121275

Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.2	123.2
160	47.6	37.8	56.8



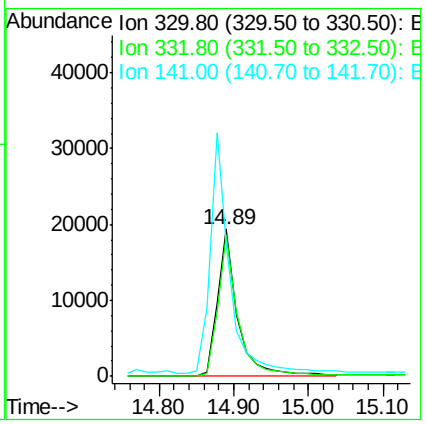


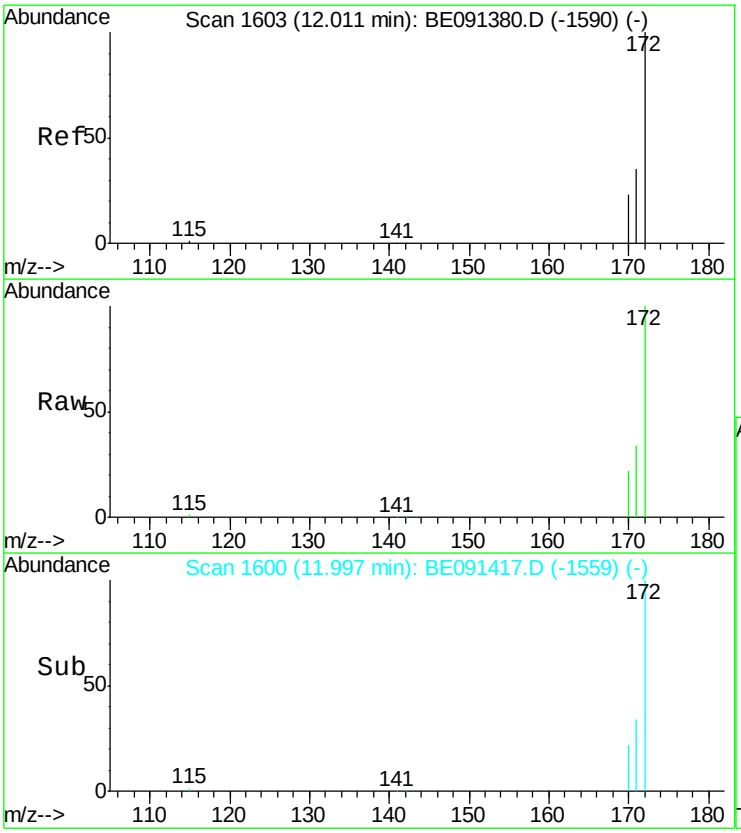
#9
2,4,6-Tribromophenol
Concen: 6.25 ng
RT: 14.89 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160216

Tgt Ion:330 Resp: 36671

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.8	118.2
141	157.2	105.1	157.7

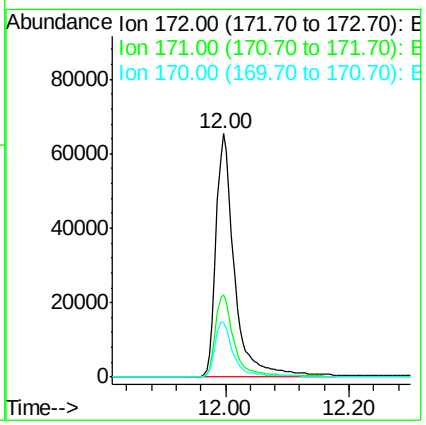


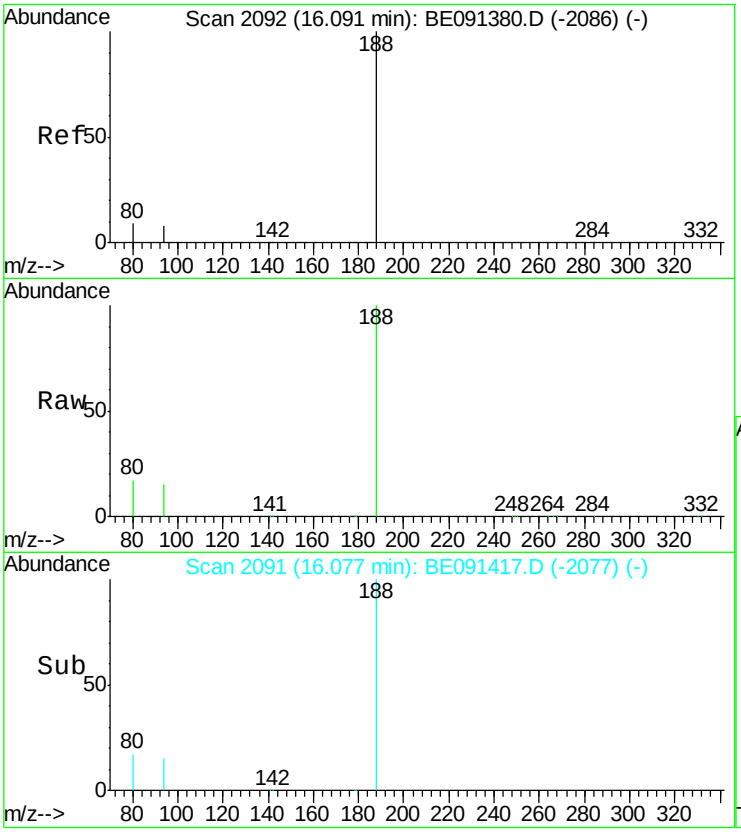


#10
2-Fluorobiphenyl
Concen: 4.35 ng
RT: 12.00 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Tgt Ion:172 Resp: 137353

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.8
170	22.1	18.6	28.0



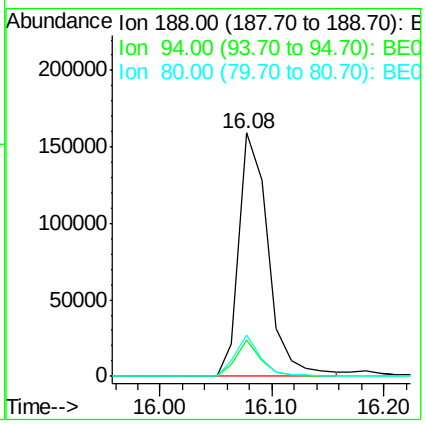


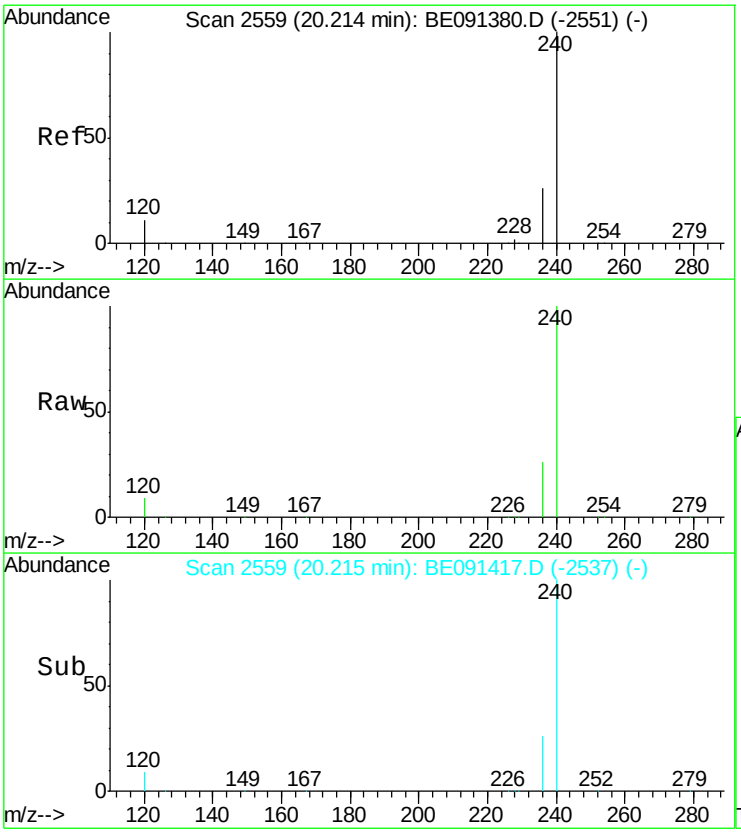
#14
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.08 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160216

Tgt Ion:188 Resp: 288686

Ion	Ratio	Lower	Upper
188	100		
94	14.8	6.6	10.0#
80	16.8	7.0	10.6#

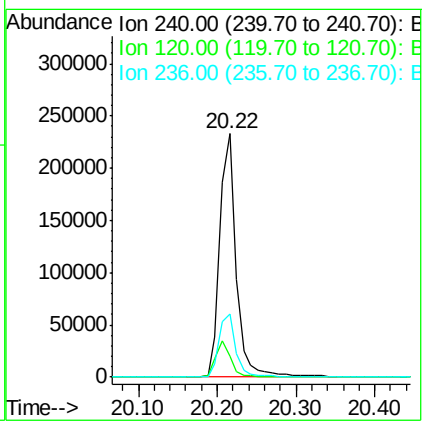


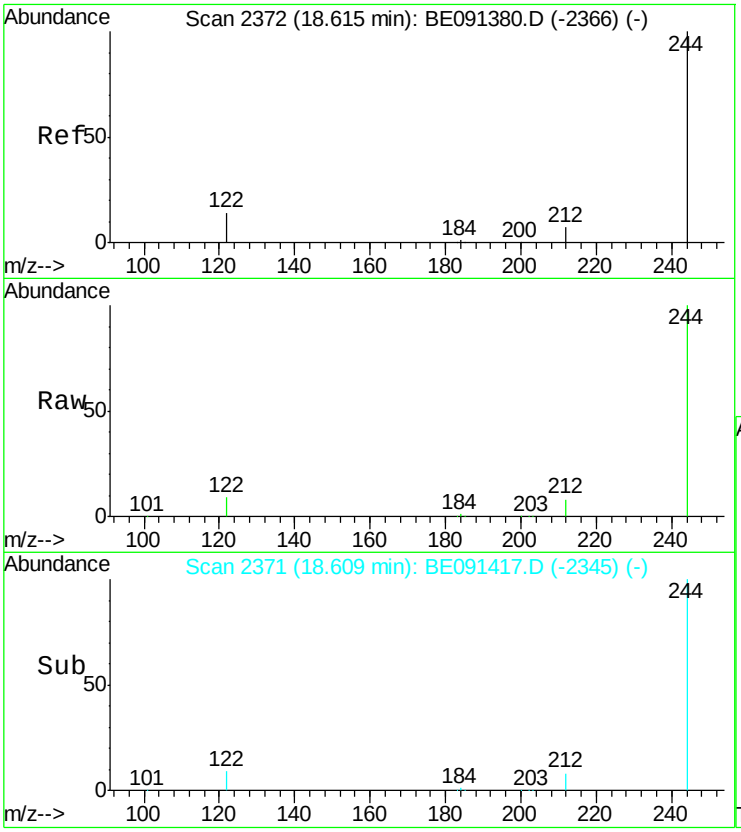


#18
Chrysene-d12
Concen: 5.00 ng
RT: 20.22 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Tgt Ion:240 Resp: 334319

Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.9	13.3#
236	26.0	21.0	31.4



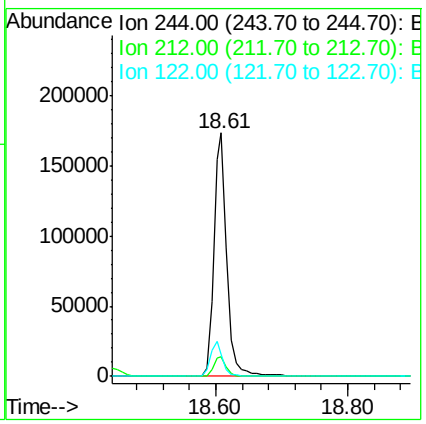


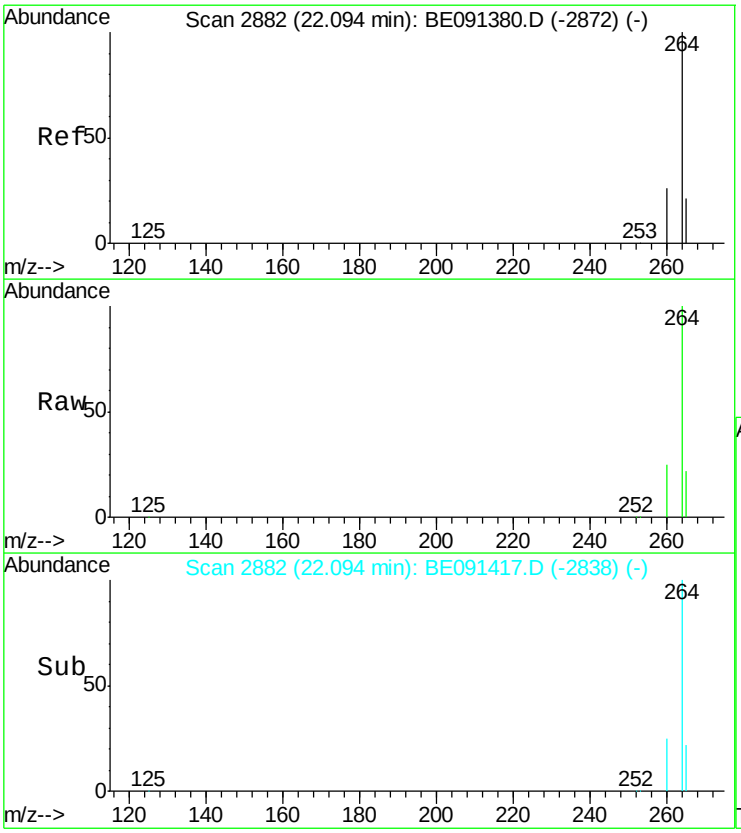
#20
Terphenyl-d14
Concen: 4.89 ng
RT: 18.61 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160216

Tgt Ion:244 Resp: 241992

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	9.1	11.0	16.6#

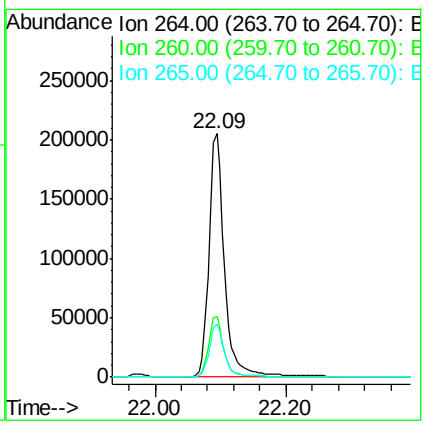


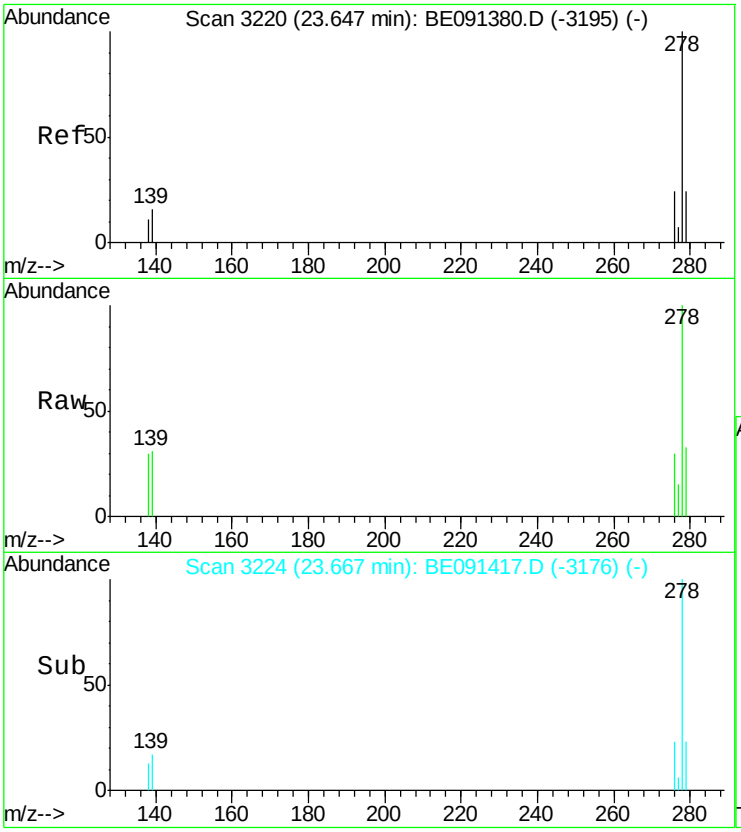


#24
Perylene-d12
Concen: 5.00 ng
RT: 22.09 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Tgt Ion:264 Resp: 337522

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.7	31.1
265	21.8	17.2	25.8





#28
Dibenzo(a,h)anthracene
Concen: 0.28 ng
RT: 23.67 min Scan# 3224
Delta R.T. 0.02 min
Lab File: BE091417.D
Acq: 19 Feb 2016 17:02

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160216

Tgt Ion:278 Resp: 2306

Ion	Ratio	Lower	Upper
278	100		
139	31.1	13.0	19.4#
279	32.7	19.2	28.8#