Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081916\
Data File : BE092273.D
Acq On : 19 Aug 2016 17:01
Operator : UM/SJ
Sample : H4498-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-160815

Quant Time: Aug 22 00:54:39 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	12757	5.00	ng	0.02
7) Naphthalene-d8	10.97	136	57567	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	32626	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	78662	5.00	ng	0.02
24) Chrysene-d12	21.75	240	73763	5.00	ng	0.00
31) Perylene-d12	24.13	264	78051	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	10576	3.79	ng	-0.01
5) Phenol-d6	7.36	99	7952	1.98	ng	0.00
8) Nitrobenzene-d5	9.36	82	15430	3.80	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	8191	6.48	ng	0.00
14) 2-Fluorobiphenyl	13.46	172	37773	3.75	ng	-0.01
26) Terphenyl-d14	20.19	244	55432	4.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	57	Below Cal	#	50
3) n-Nitrosodimethylamine	3.88	42	15	0.16	ng	# 13
20) Pentachlorophenol	17.28	266	41	0.20	ng	# 86
27) Benzo(a)anthracene	21.75	228	1793	0.02	ng	# 79
28) Chrysene	21.75	228	1834	0.02	ng	# 77
29) Bis(2-ethylhexyl)phthalate	21.66	149	1520	0.33	ng	# 100
35) Dibenzo(a,h)anthracene	26.70	278	445	0.02	ng	# 34

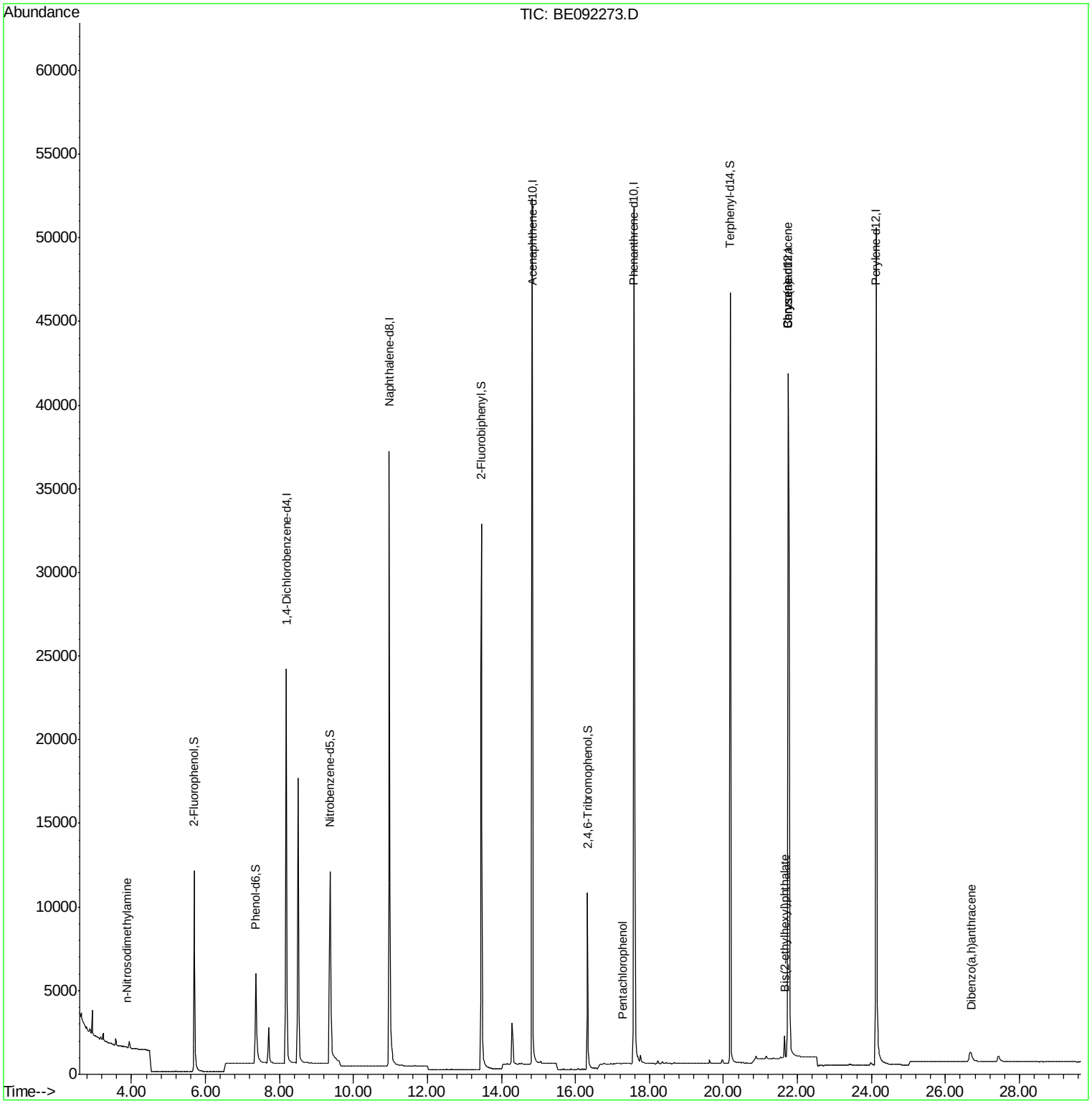
(#) = qualifier out of range (m) = manual integration (+) = signals summed

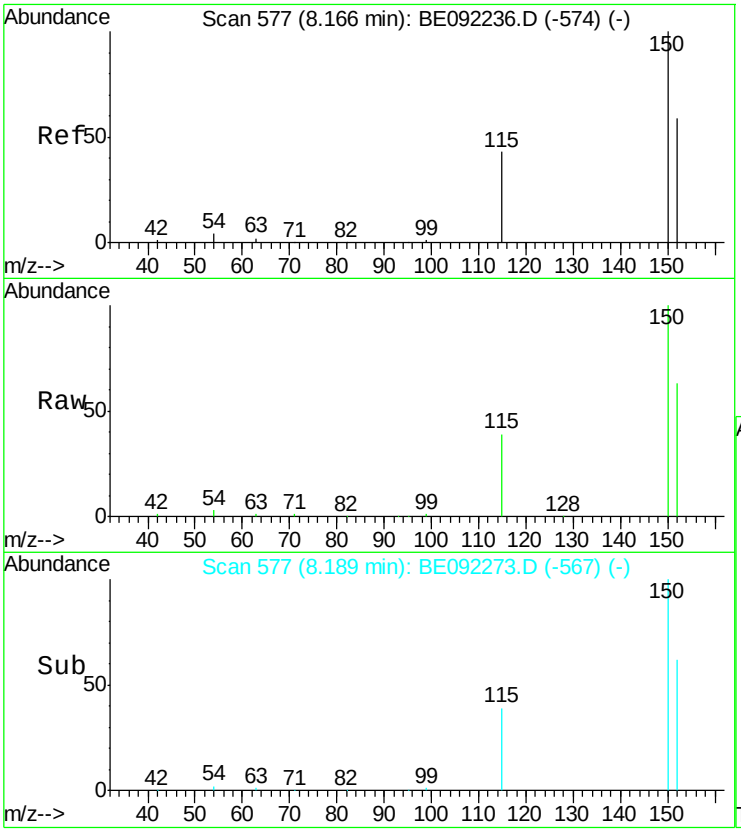
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081916\
Data File : BE092273.D
Acq On : 19 Aug 2016 17:01
Operator : UM/SJ
Sample : H4498-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Quant Time: Aug 22 00:54:39 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration



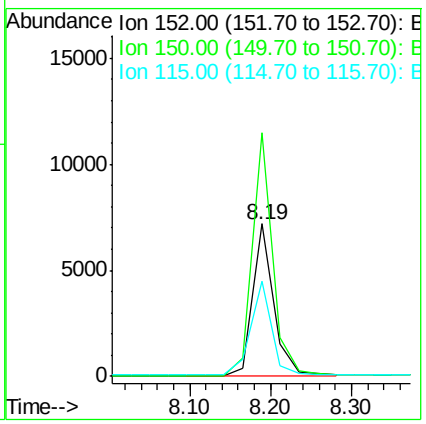


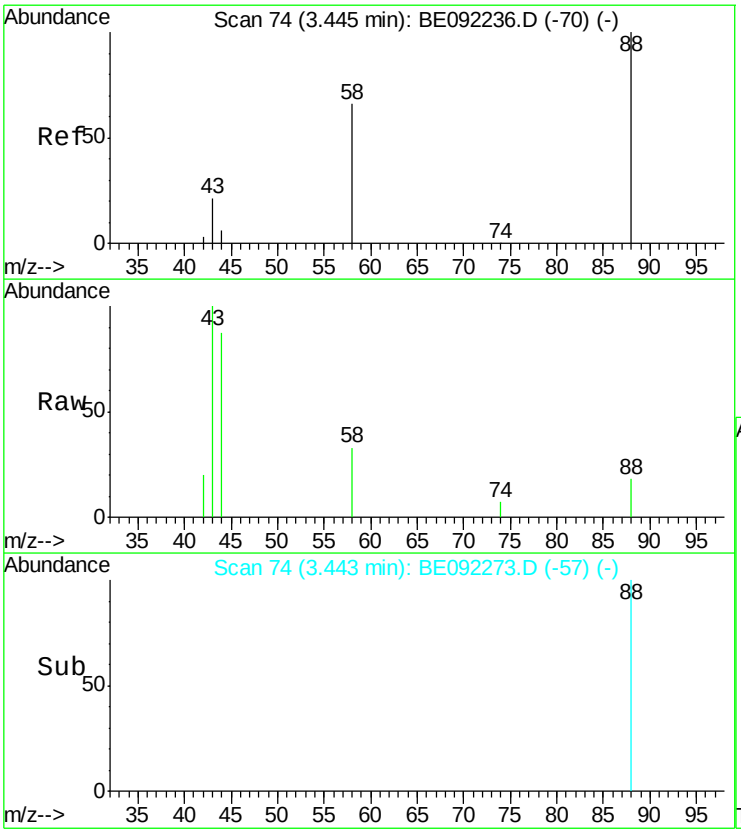
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.02 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion:152 Resp: 12757

Ion	Ratio	Lower	Upper
152	100		
150	159.7	135.6	203.4
115	62.4	59.4	89.0

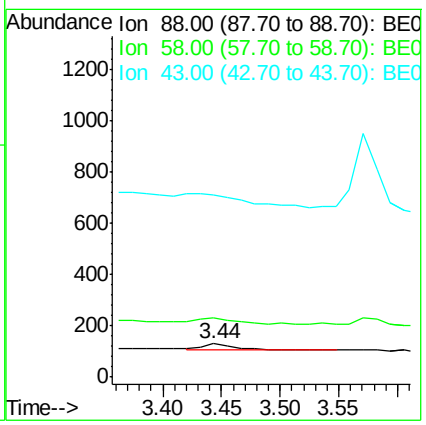


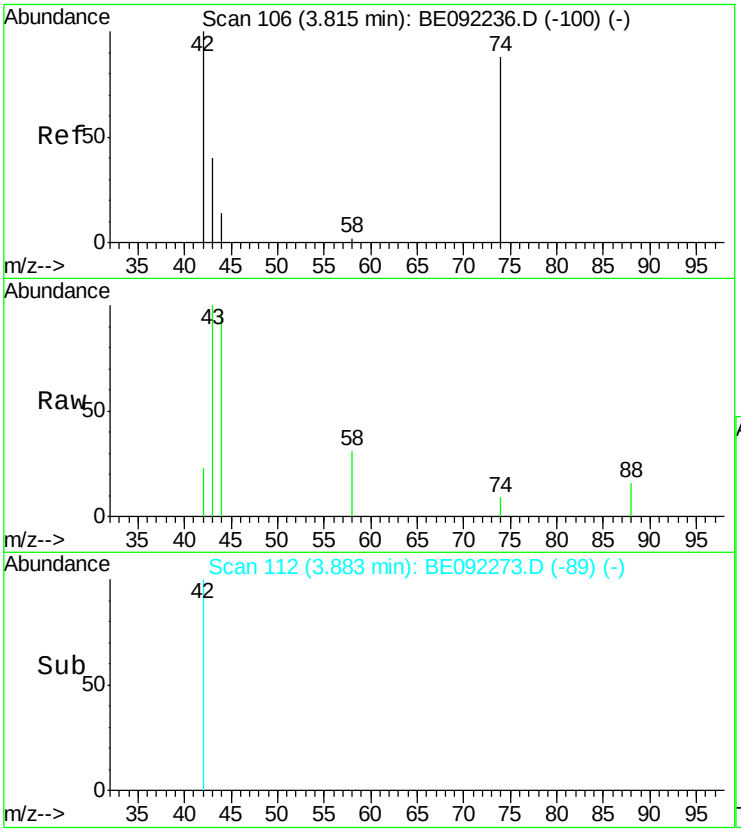


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.44 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
58	117.5	64.4	96.6#
43	0.0	33.4	50.2#



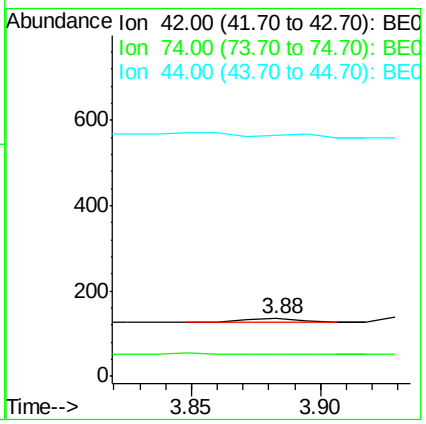


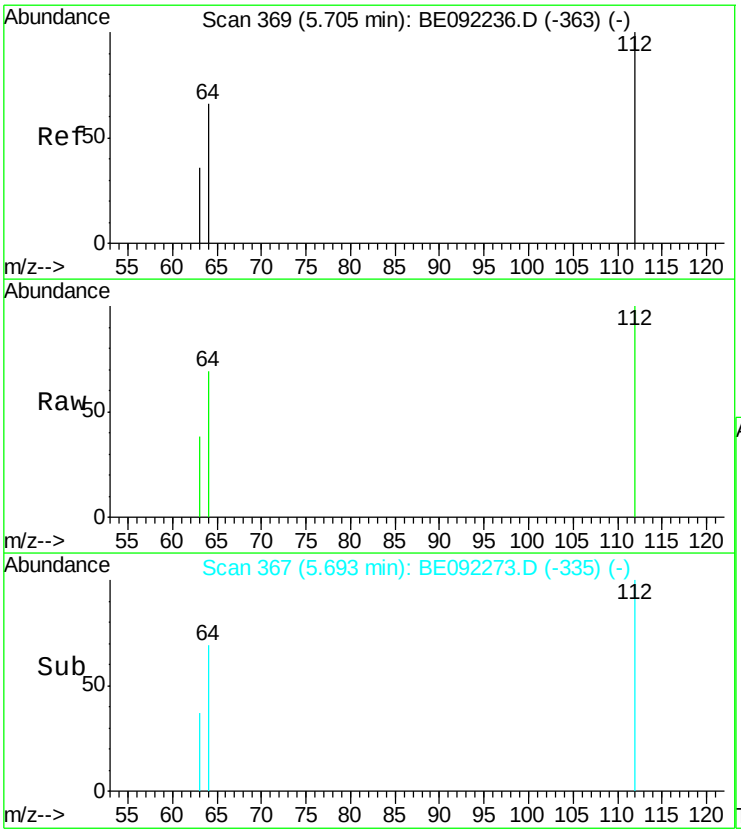
#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.88 min Scan# 112
Delta R.T. 0.07 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion: 42 Resp: 15

Ion	Ratio	Lower	Upper
42	100		
74	6.7	77.2	115.8#
44	0.0	5.0	7.4#

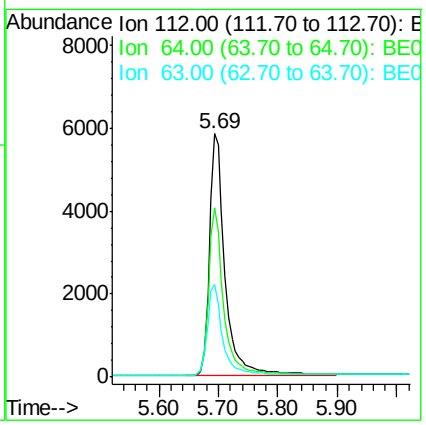


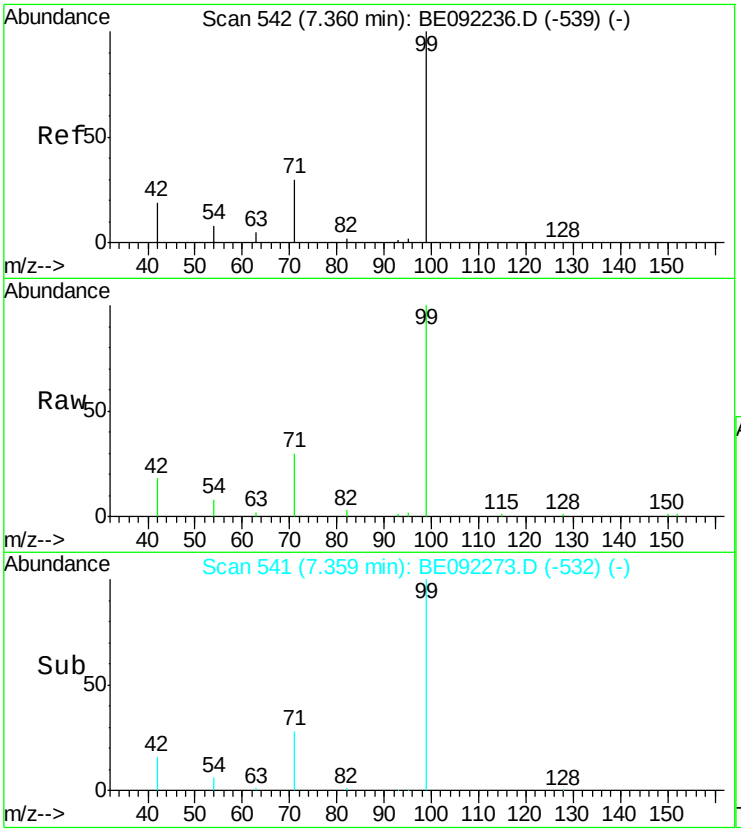


#4
2-Fluorophenol
Concen: 3.79 ng
RT: 5.69 min Scan# 367
Delta R.T. -0.01 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion:112 Resp: 10576

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.2	79.8
63	37.1	27.4	41.2



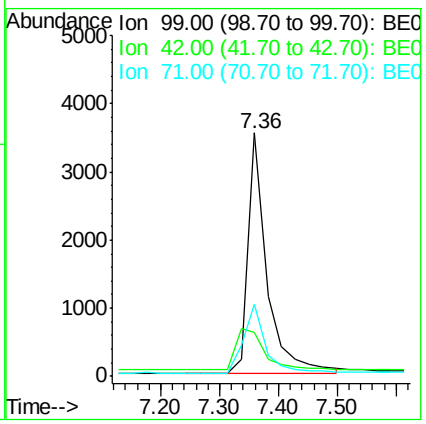


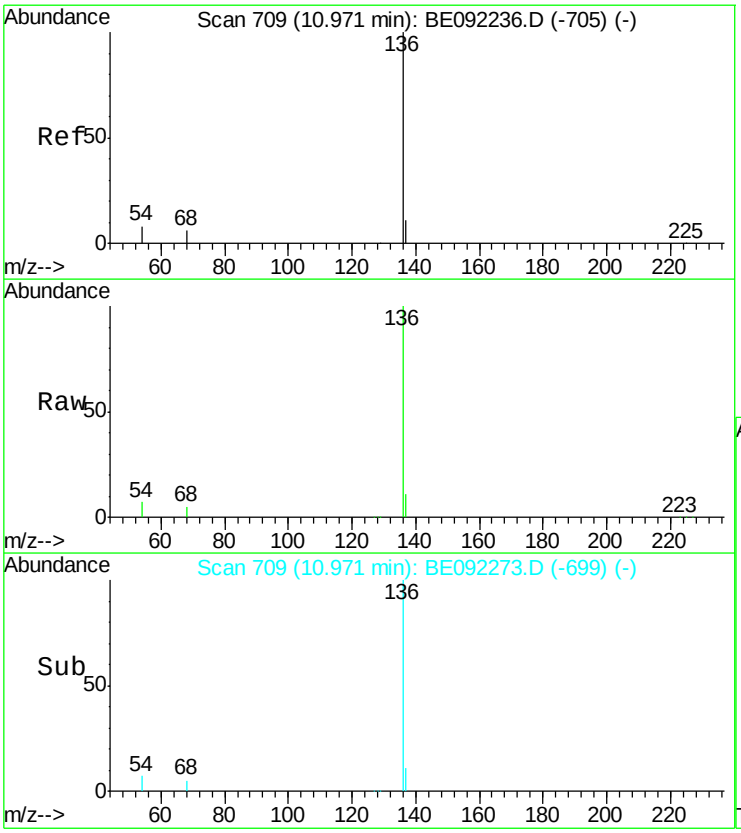
#5
Phenol-d6
Concen: 1.98 ng
RT: 7.36 min Scan# 541
Delta R.T. -0.00 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion: 99 Resp: 7952

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	33.7	29.8	44.8

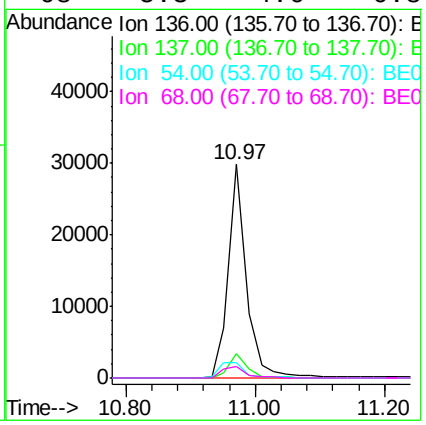


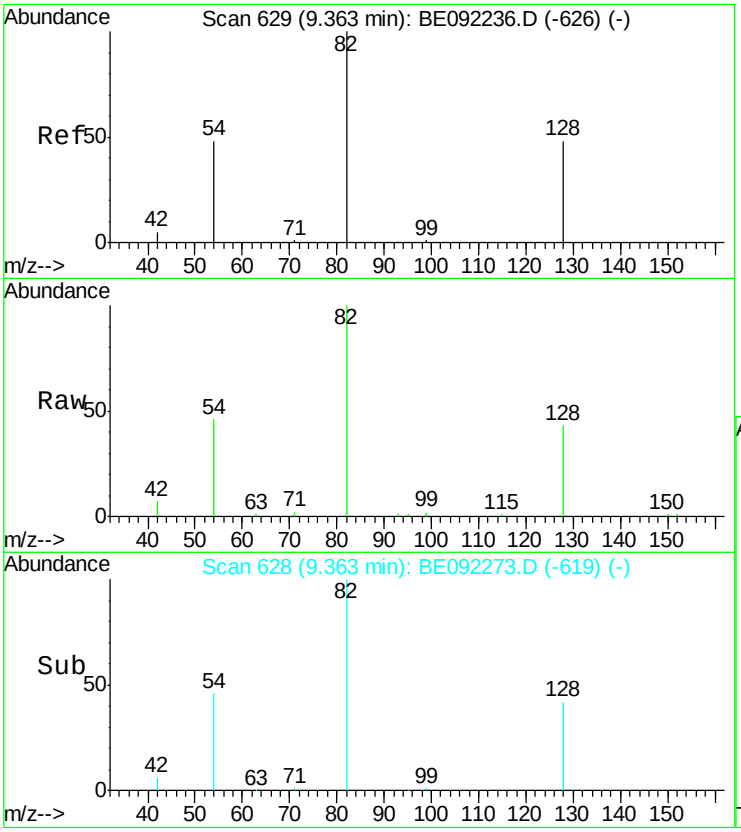


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion:136 Resp: 57567

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	6.2	9.4
68	5.3	4.6	6.8



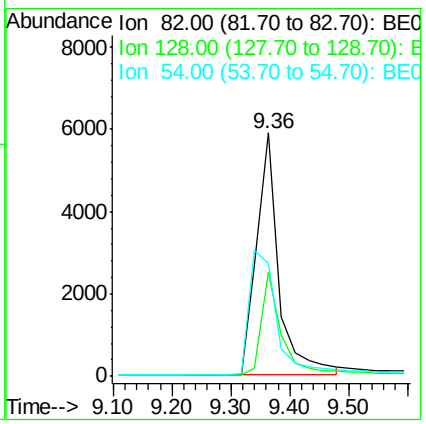


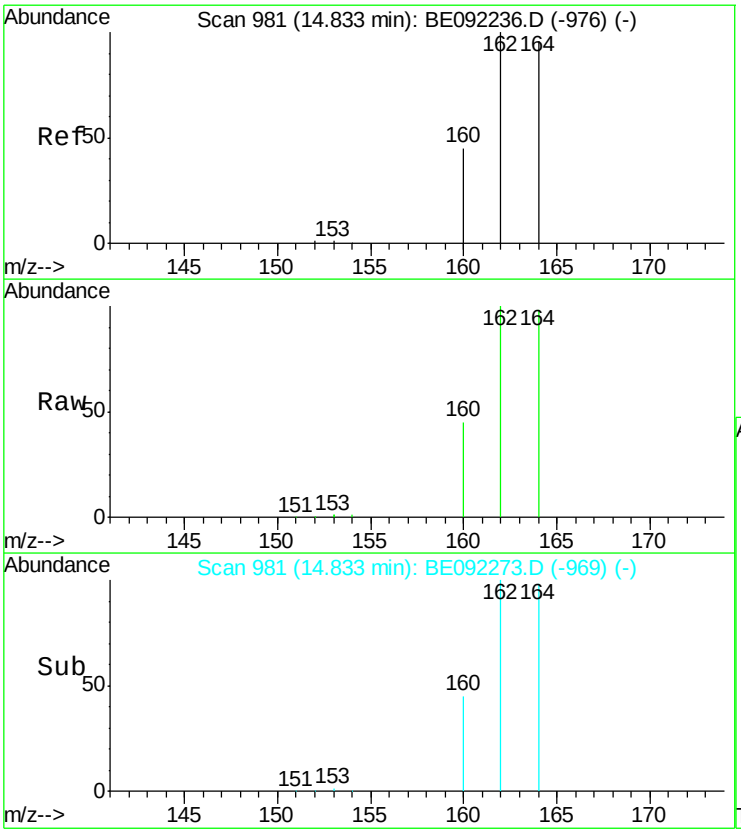
#8
Nitrobenzene-d5
Concen: 3.80 ng
RT: 9.36 min Scan# 628
Delta R.T. -0.00 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion: 82 Resp: 15430

Ion	Ratio	Lower	Upper
82	100		
128	42.7	45.0	67.4#
54	46.4	45.4	68.2

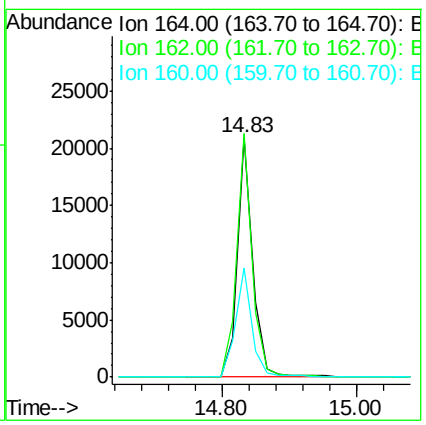


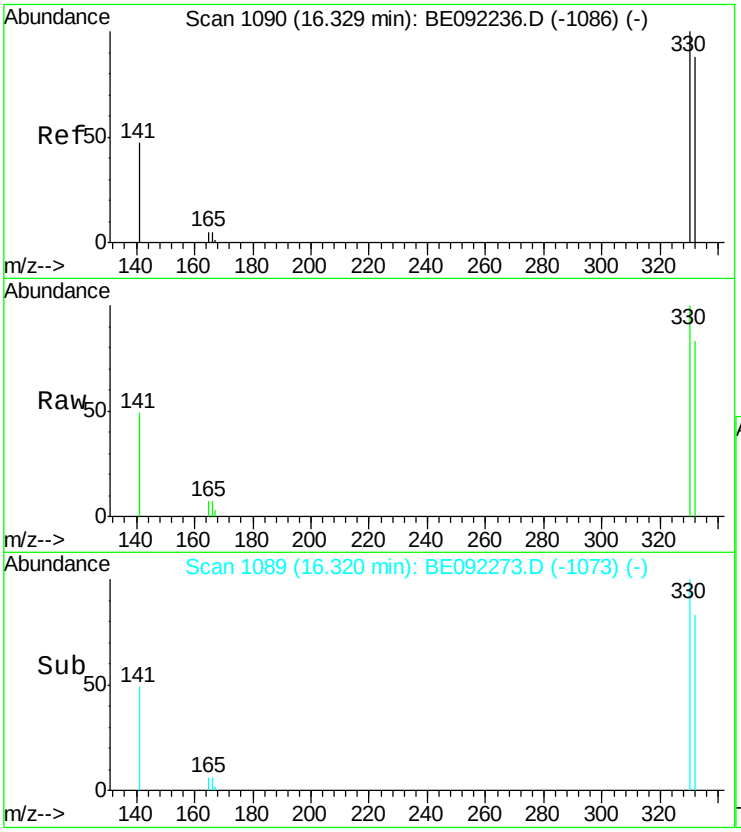


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion:164 Resp: 32626

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.3	124.9
160	45.7	38.0	57.0



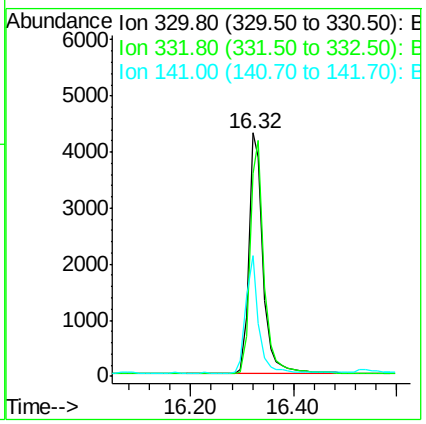


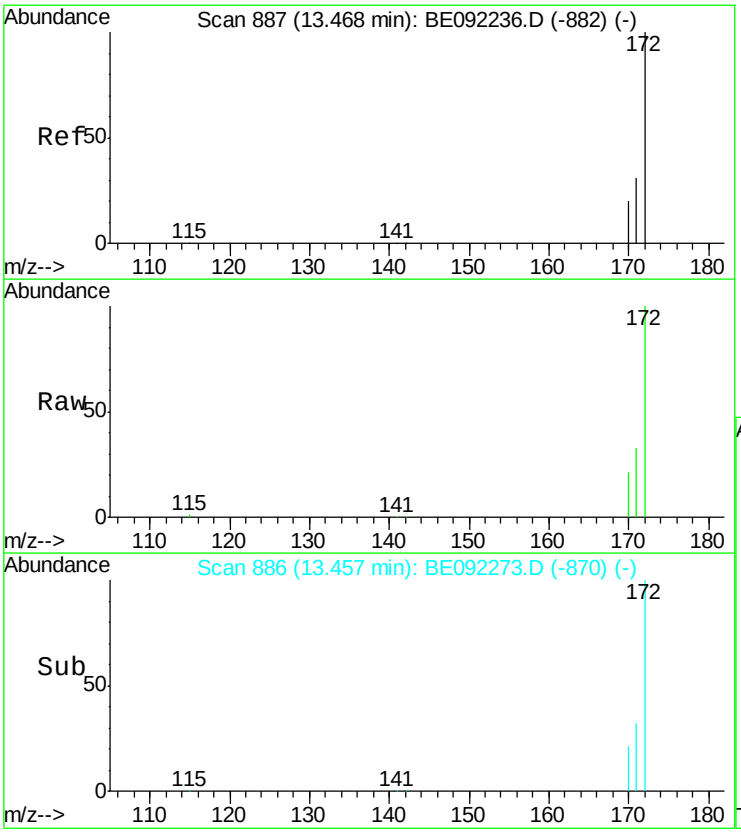
#13
2,4,6-Tribromophenol
Concen: 6.48 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion:330 Resp: 8191

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.4	113.0
141	44.8	37.7	56.5

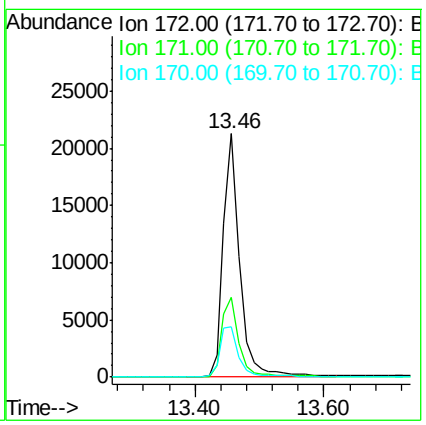


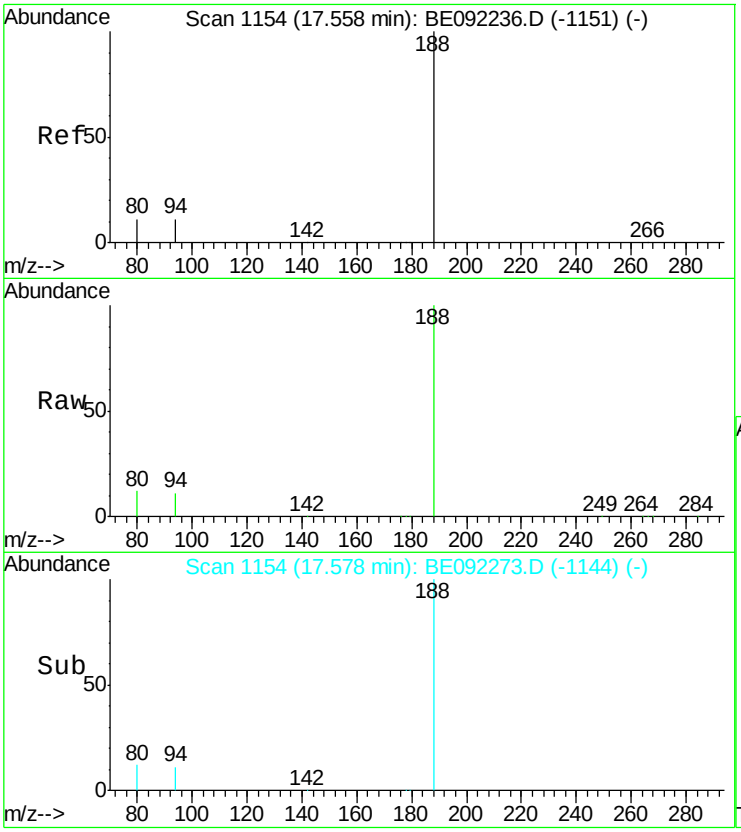


#14
2-Fluorobiphenyl
Concen: 3.75 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion:172 Resp: 37773

Ion	Ratio	Lower	Upper
172	100		
171	32.6	26.8	40.2
170	20.7	17.8	26.6



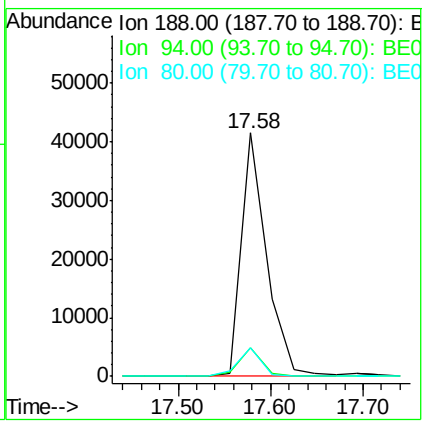


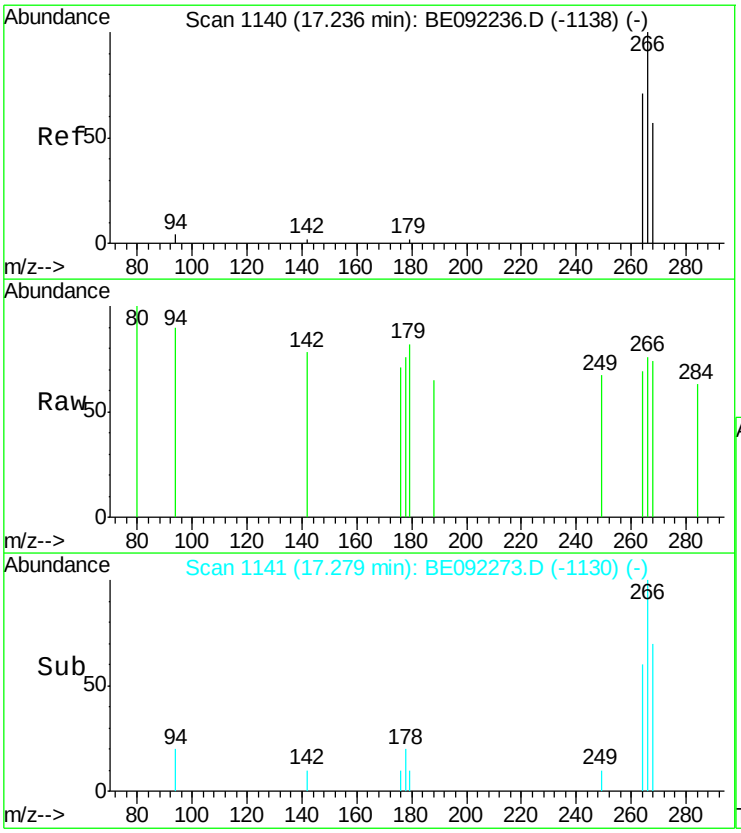
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.02 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion:188 Resp: 78662

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.2	13.8
80	11.8	9.1	13.7

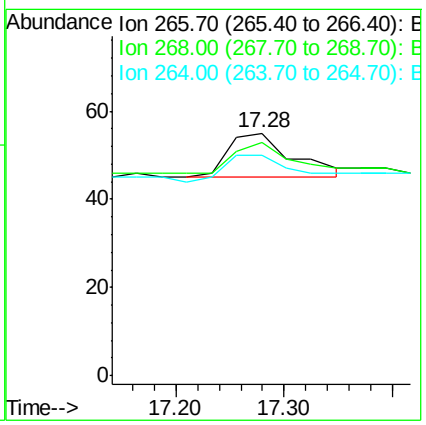


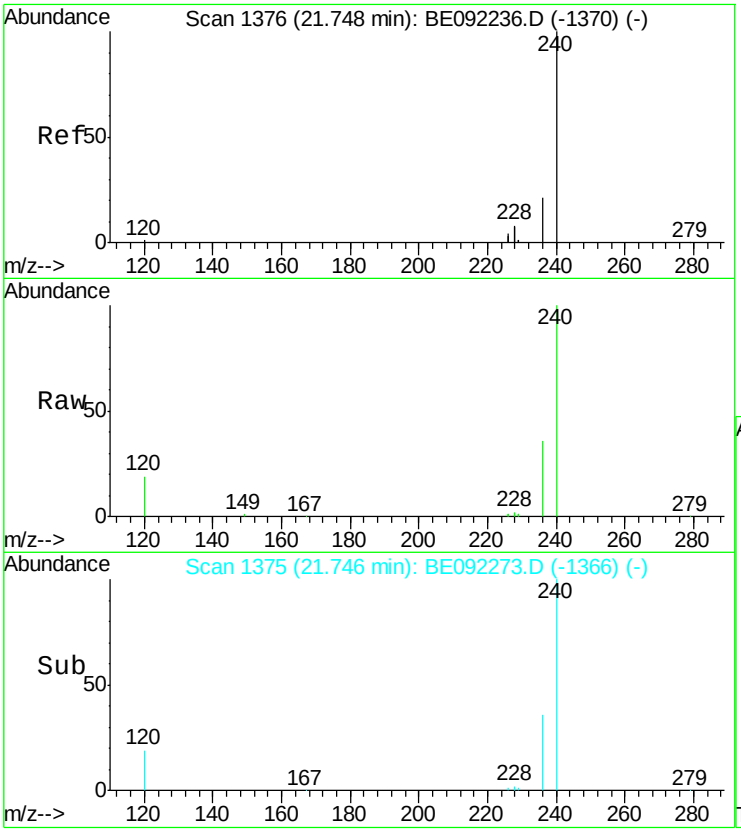


#20
Pentachlorophenol
Concen: 0.20 ng
RT: 17.28 min Scan# 1141
Delta R.T. 0.04 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion:266 Resp: 41

Ion	Ratio	Lower	Upper
266	100		
268	96.4	62.3	93.5#
264	90.9	67.4	101.0



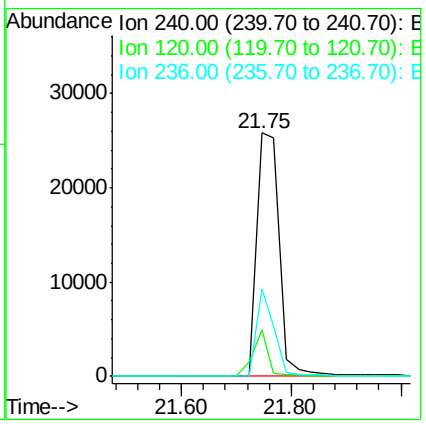


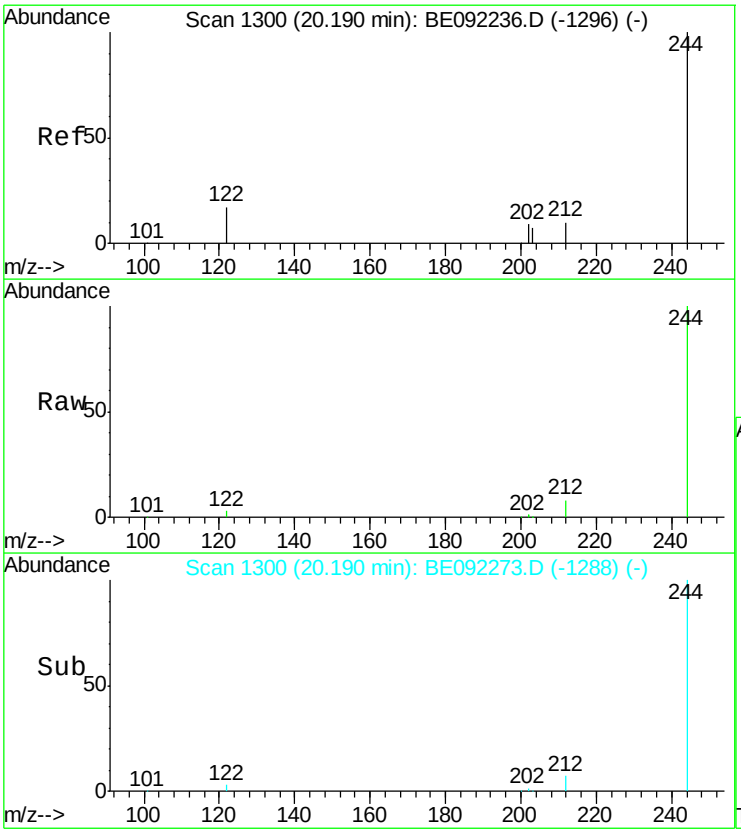
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion:240 Resp: 73763

Ion	Ratio	Lower	Upper
240	100		
120	19.3	1.2	1.8#
236	35.9	17.1	25.7#

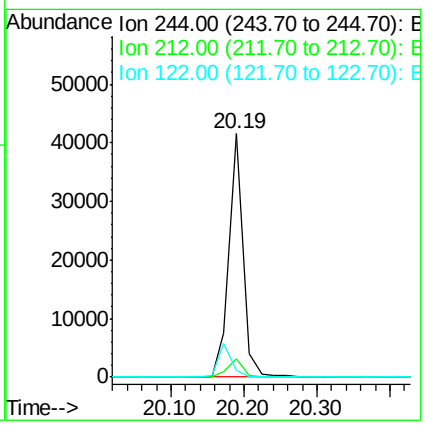


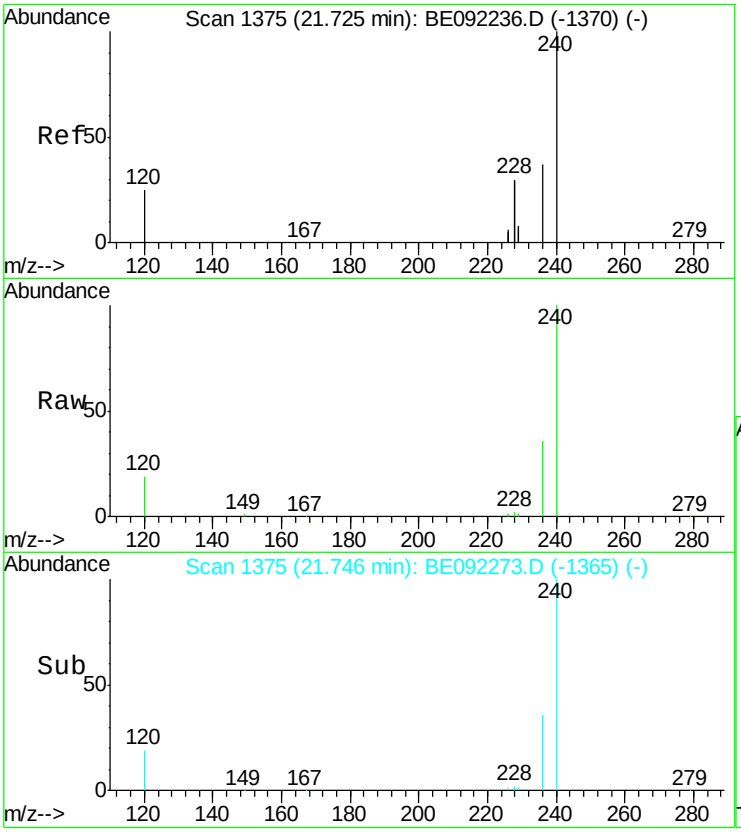


#26
Terphenyl-d14
Concen: 4.45 ng
RT: 20.19 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion:244 Resp: 55432

Ion	Ratio	Lower	Upper
244	100		
212	7.6	10.2	15.2#
122	2.8	15.9	23.9#



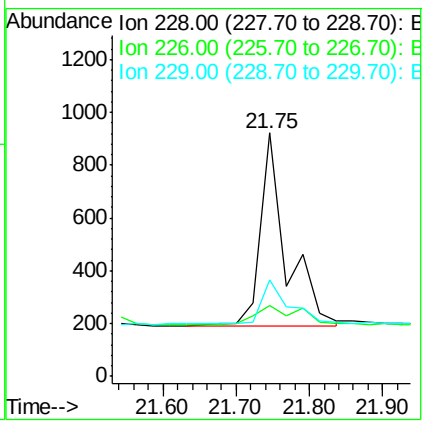


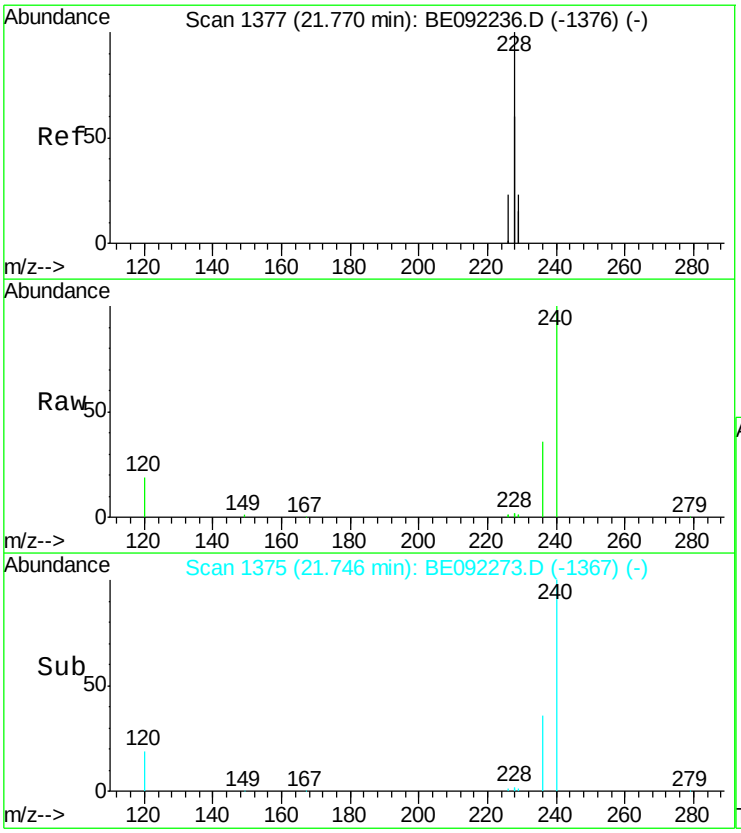
#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion:228 Resp: 1793

Ion	Ratio	Lower	Upper
228	100		
226	29.1	15.9	23.9#
229	39.5	22.4	33.6#

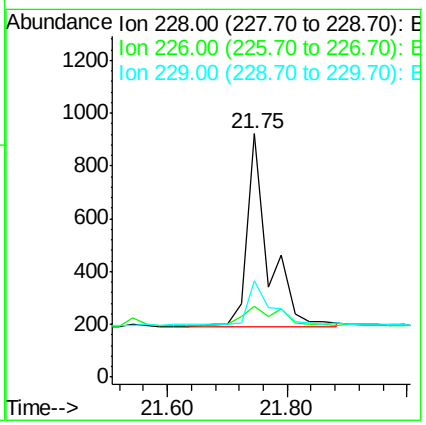


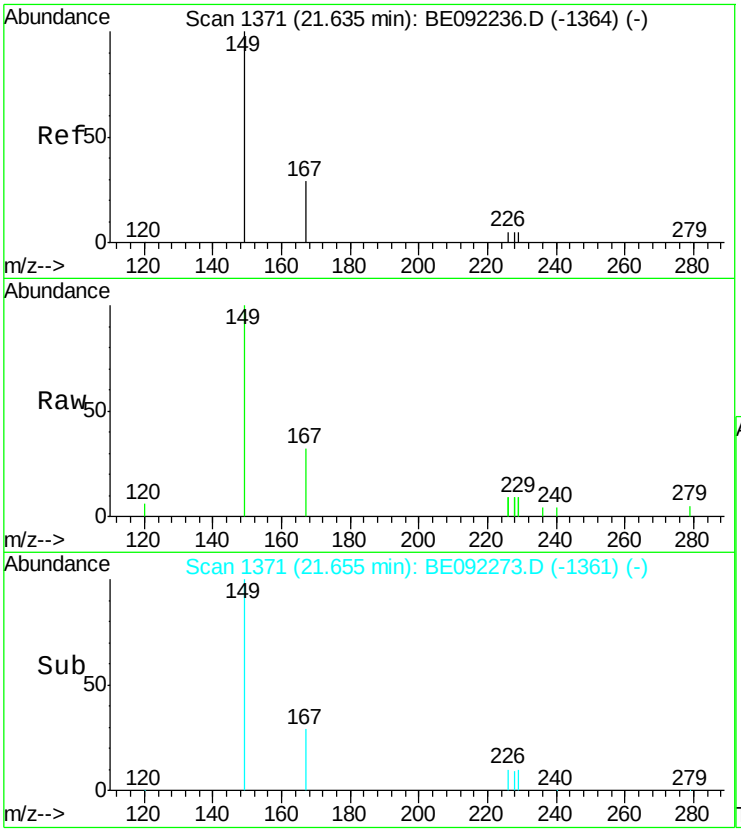


#28
Chrysene
Concen: 0.02 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion:228 Resp: 1834

Ion	Ratio	Lower	Upper
228	100		
226	29.1	18.3	27.5#
229	39.5	18.6	27.8#



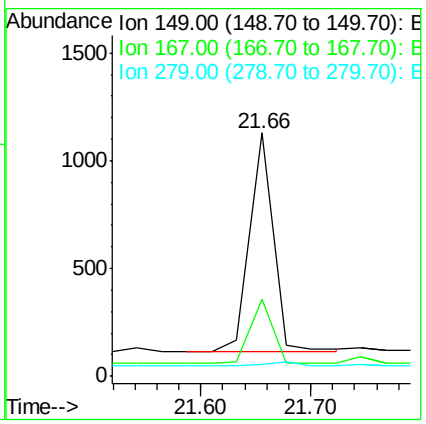


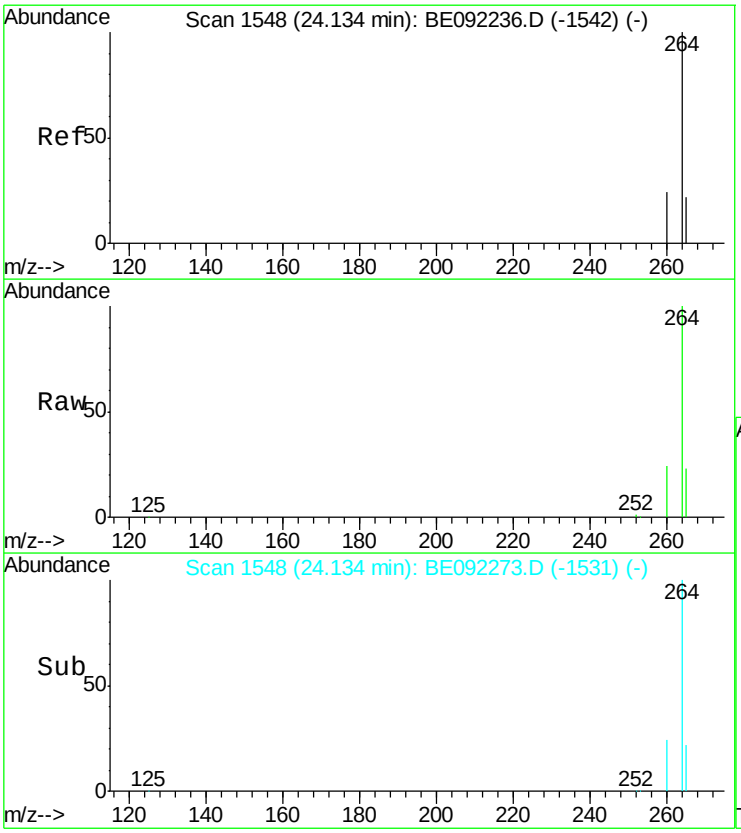
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.66 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion:149 Resp: 1520

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	0.0	0.0	0.0

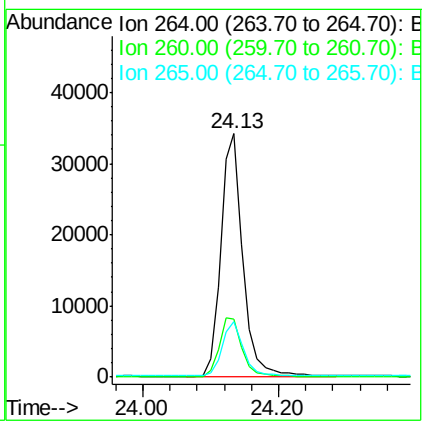


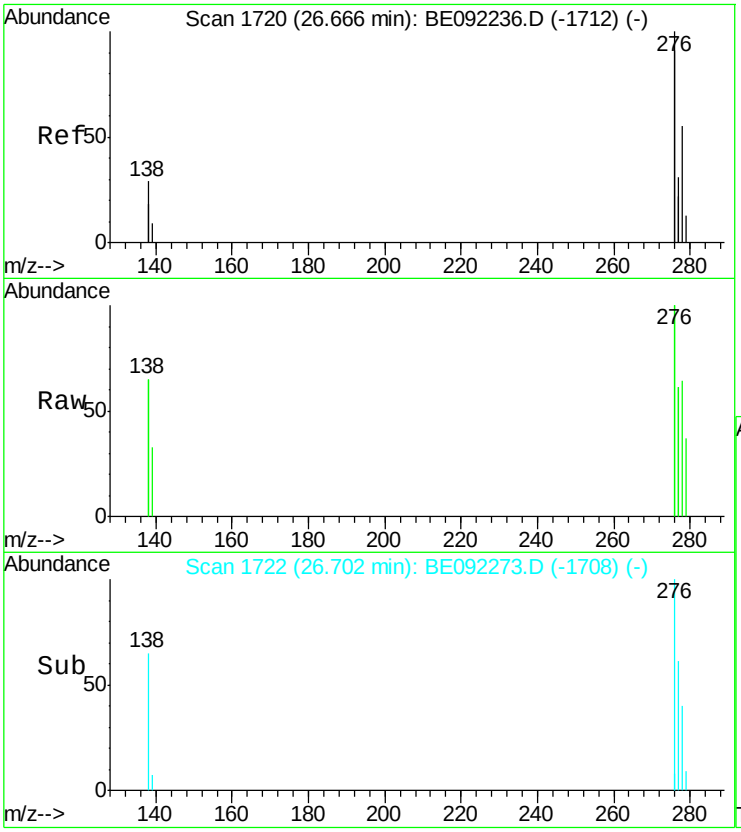


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Tgt Ion:264 Resp: 78051

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.8	18.2	27.4





#35
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 26.70 min Scan# 1722
Delta R.T. 0.04 min
Lab File: BE092273.D
Acq: 19 Aug 2016 17:01

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-160815

Tgt Ion:278 Resp: 445

Ion	Ratio	Lower	Upper
278	100		
139	52.7	16.2	24.2#
279	58.8	21.4	32.2#