Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092856.D
Acq On : 29 Mar 2017 3:39
Operator : SJ/MA
Sample : I2341-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 29 05:00:07 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	8125	5.00	ng		-0.02
7) Naphthalene-d8	10.54	136	35585	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	17749	5.00	ng		0.00
18) Phenanthrene-d10	17.13	188	40983	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	51922	5.00	ng		-0.02
31) Perylene-d12	23.70	264	49092	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	7161	3.78	ng		0.00
5) Phenol-d6	6.94	99	6573	2.37	ng		0.00
8) Nitrobenzene-d5	8.93	82	9910	4.85	ng		0.00
13) 2,4,6-Tribromophenol	15.88	330	3763	13.57	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	28206	4.82	ng		-0.01
26) Terphenyl-d14	19.76	244	35665	3.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	115	0.11	ng	#	45
3) n-Nitrosodimethylamine	3.54	42	82	0.07	ng	#	1
20) Pentachlorophenol	16.74	266	6	0.24	ng	#	72
22) Anthracene	17.27	178	391	0.04	ng		96
23) Fluoranthene	19.18	202	4004	0.09	ng	#	65
27) Benzo(a)anthracene	21.28	228	300	0.02	ng	#	65
28) Chrysene	21.28	228	302	0.02	ng	#	68
29) Bis(2-ethylhexyl)phthalate	21.21	149	781	0.25	ng	#	77

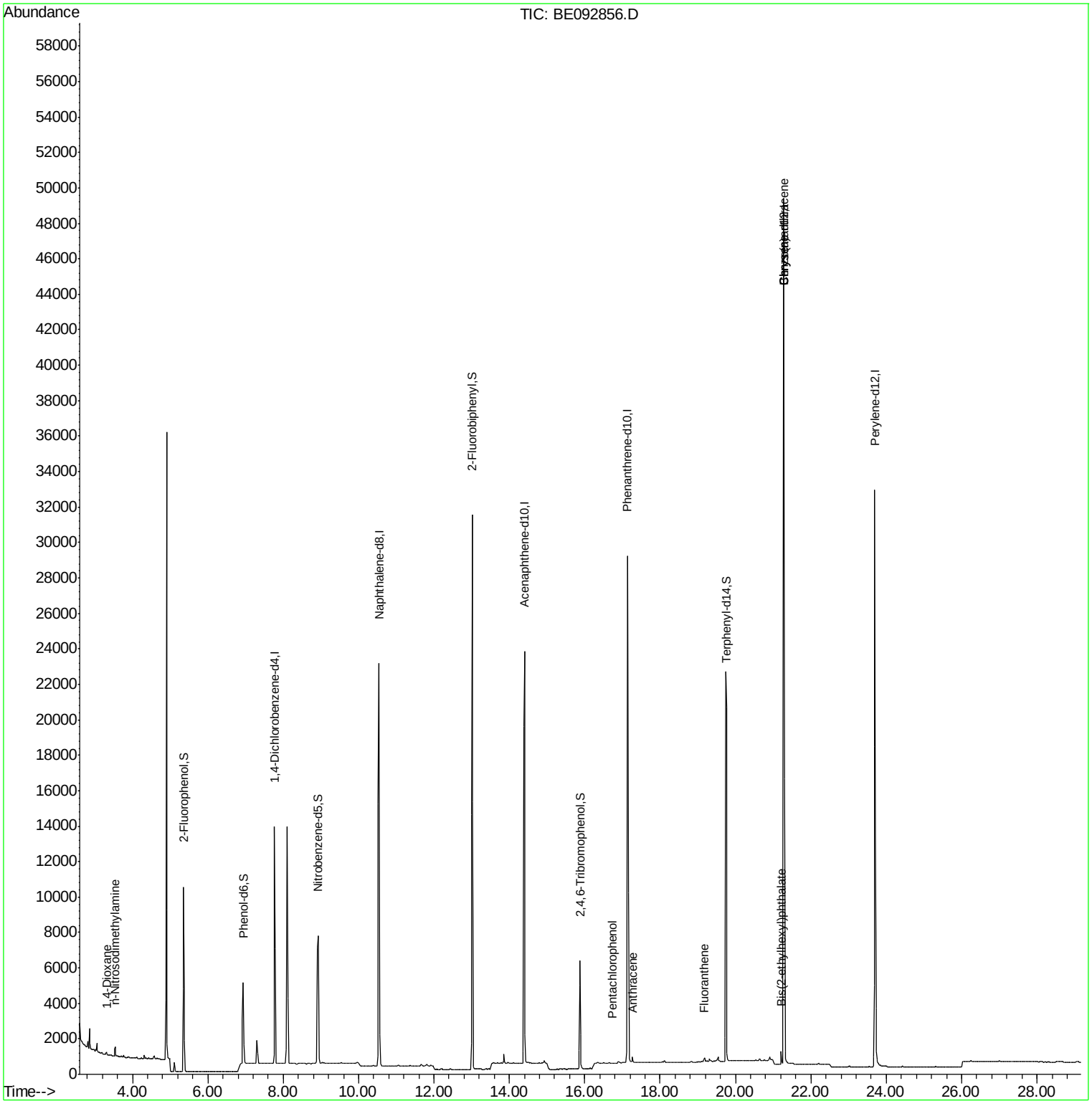
(#) = qualifier out of range (m) = manual integration (+) = signals summed

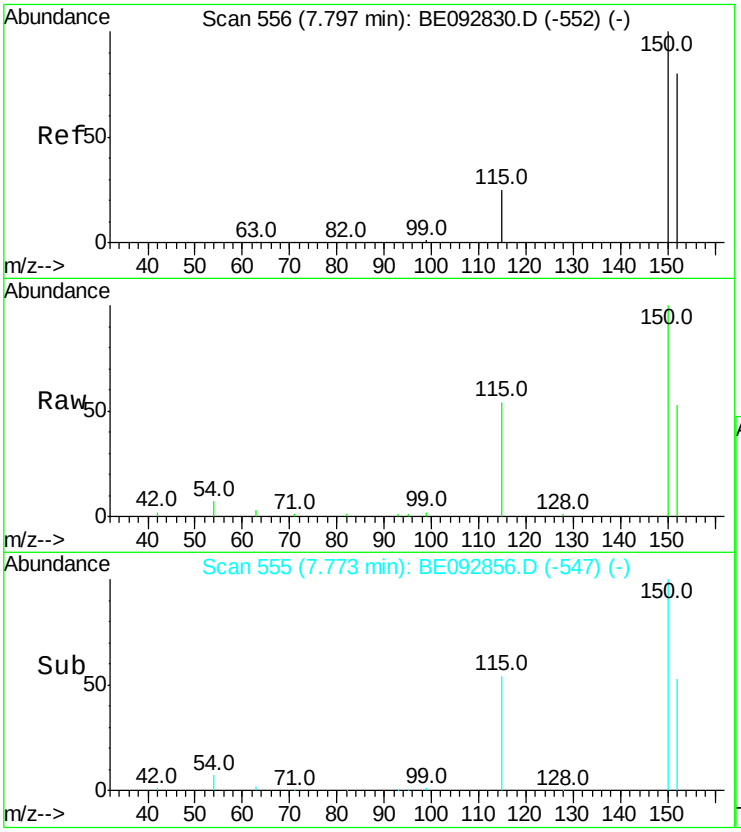
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032817\
Data File : BE092856.D
Acq On : 29 Mar 2017 3:39
Operator : SJ/MA
Sample : I2341-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 29 05:00:07 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 14:58:05 2017
Response via : Initial Calibration



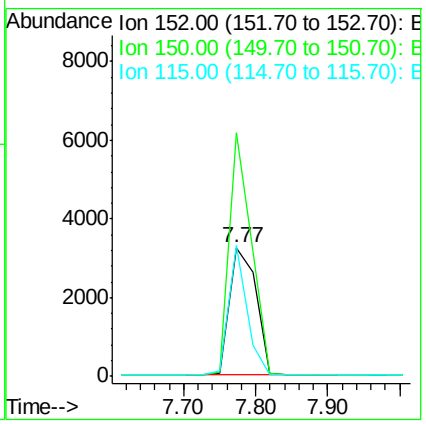


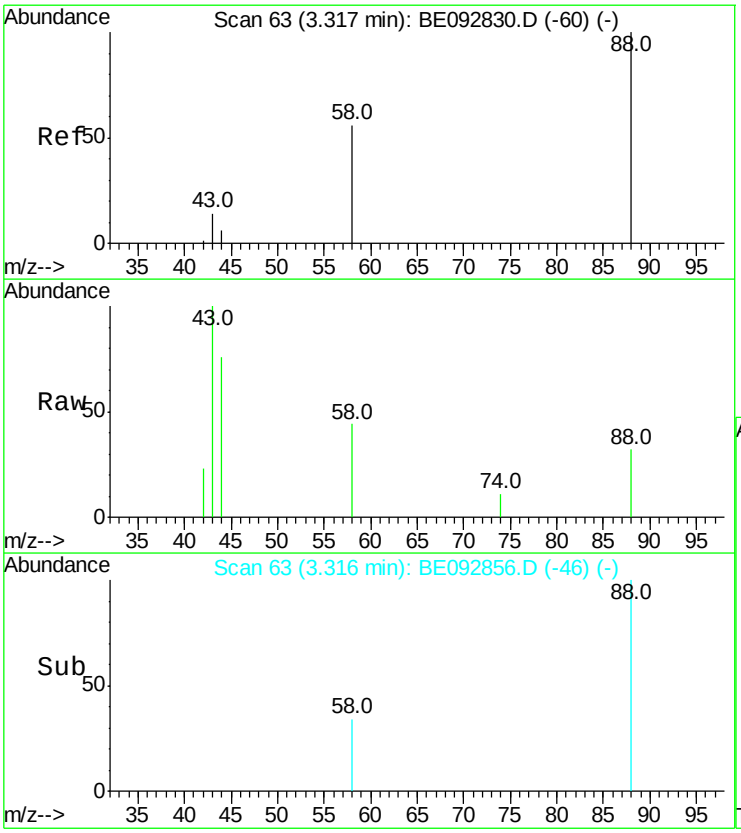
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8125

Ion	Ratio	Lower	Upper
152	100		
150	189.1	106.0	159.0#
115	102.0	31.2	46.8#

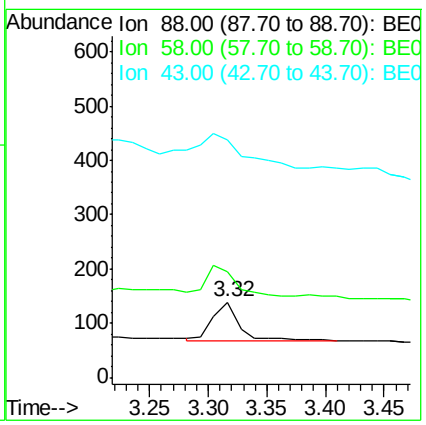


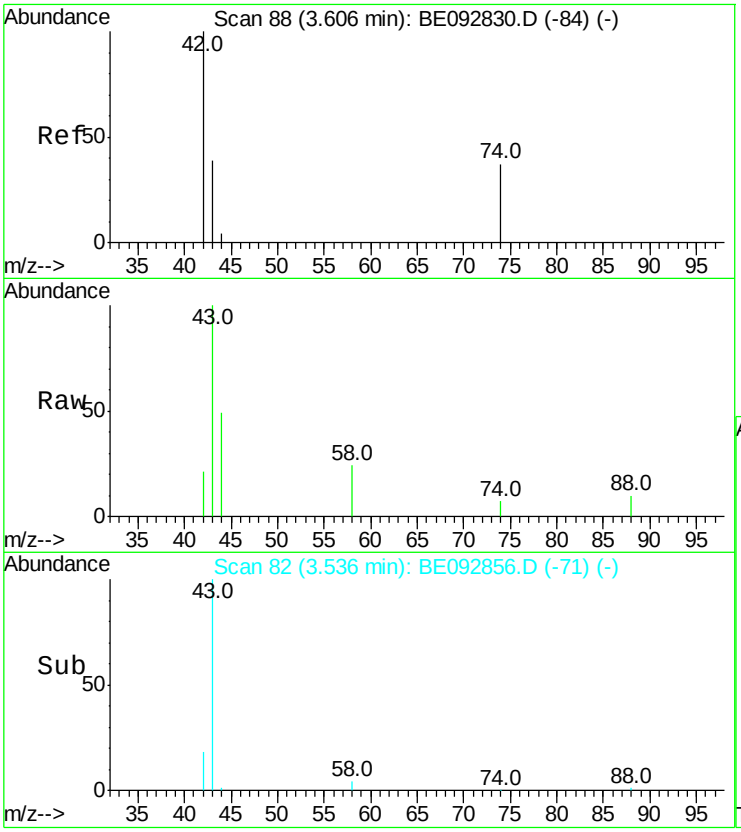


#2
1,4-Dioxane
Concen: 0.11 ng
RT: 3.32 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion: 88 Resp: 115

Ion	Ratio	Lower	Upper
88	100		
58	86.1	63.6	95.4
43	128.7	28.0	42.0#



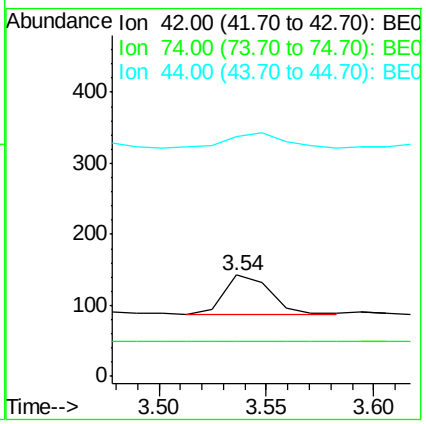


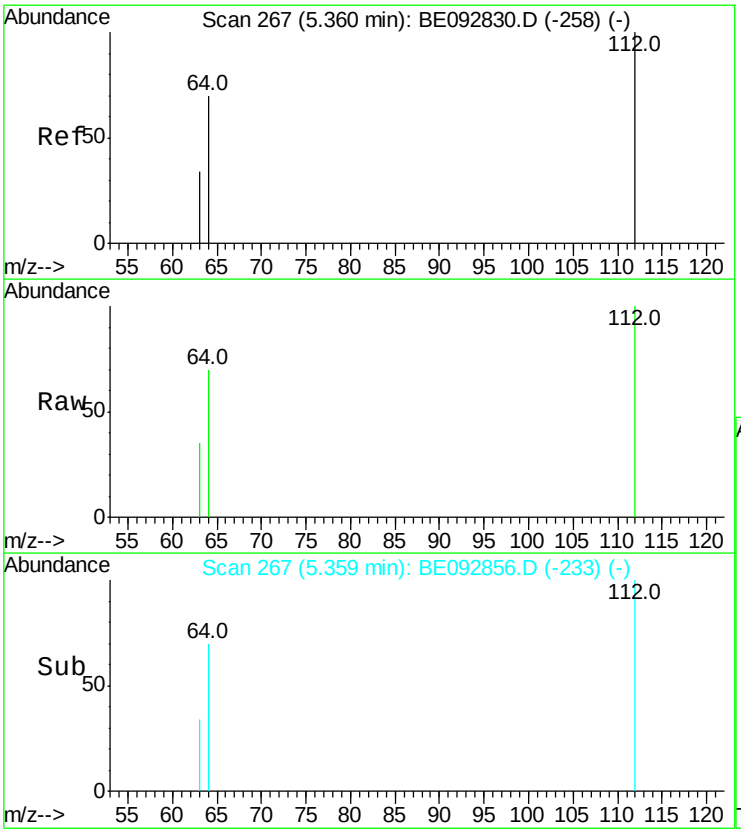
#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.54 min Scan# 82
Delta R.T. -0.07 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 82

Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.0	129.0#
44	54.9	5.1	7.7#

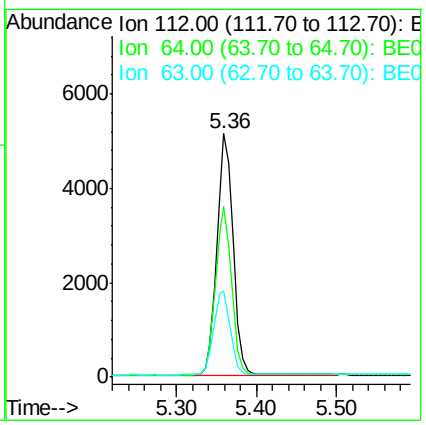


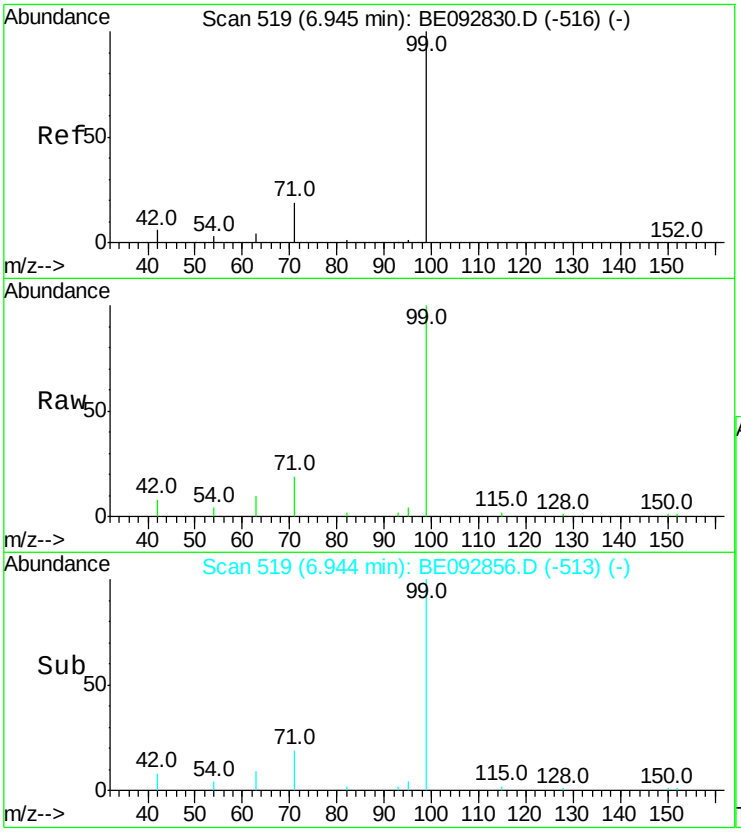


#4
2-Fluorophenol
Concen: 3.78 ng
RT: 5.36 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:112 Resp: 7161

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.5	80.3
63	35.4	27.9	41.9



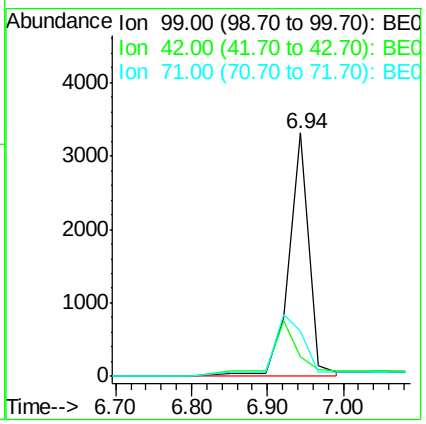


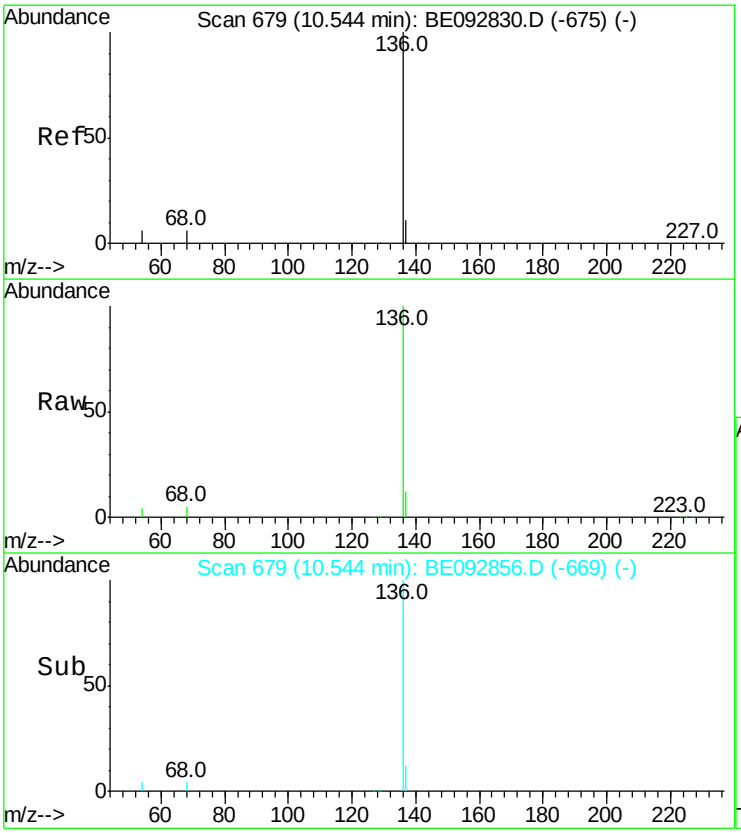
#5
Phenol-d6
Concen: 2.37 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6573

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

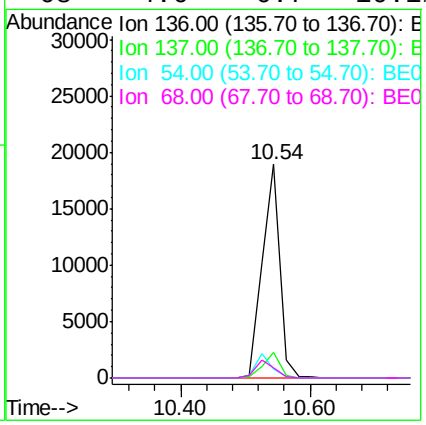


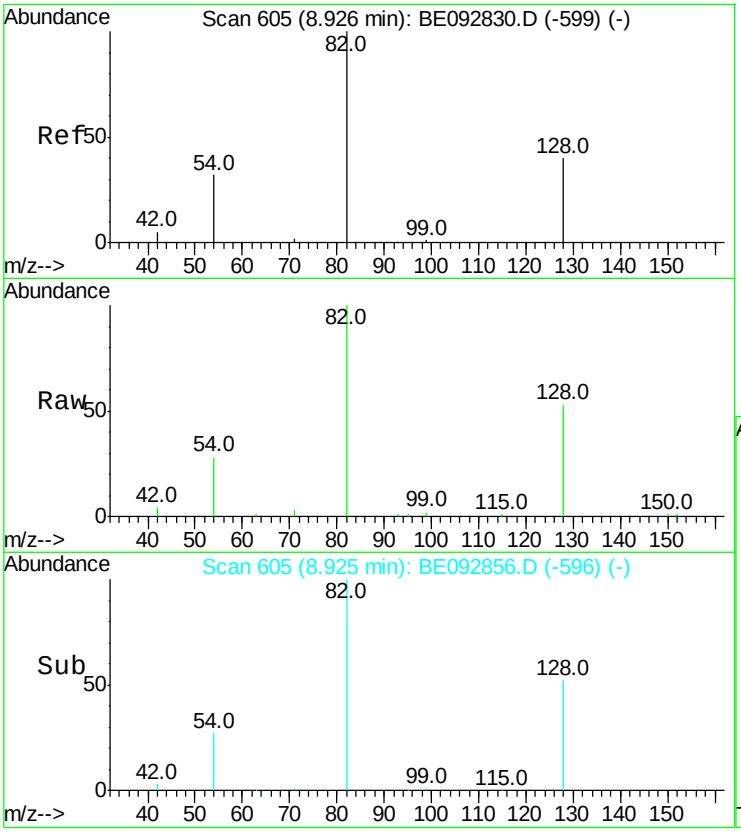


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:136 Resp: 35585

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.4
54	4.5	9.6	14.4#
68	4.6	6.7	10.1#



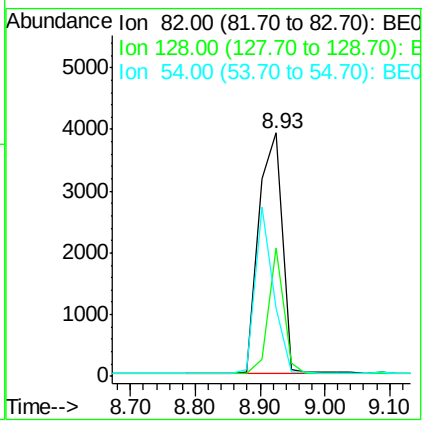


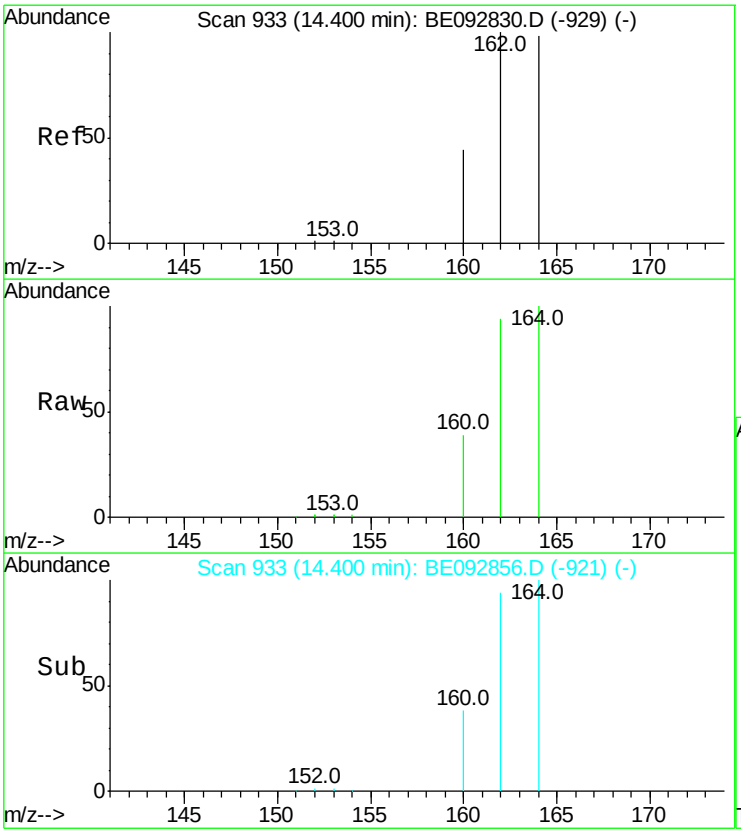
#8
Nitrobenzene-d5
Concen: 4.85 ng
RT: 8.93 min Scan# 605
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 9910

Ion	Ratio	Lower	Upper
82	100		
128	52.7	39.0	58.4
54	27.8	44.8	67.2#

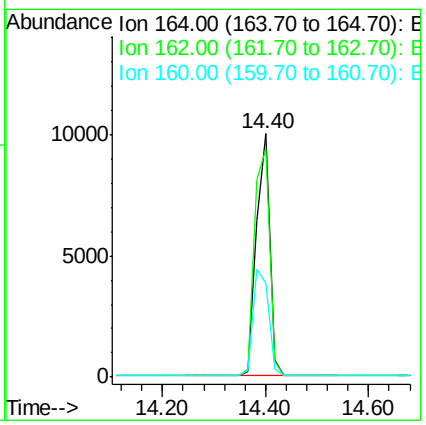


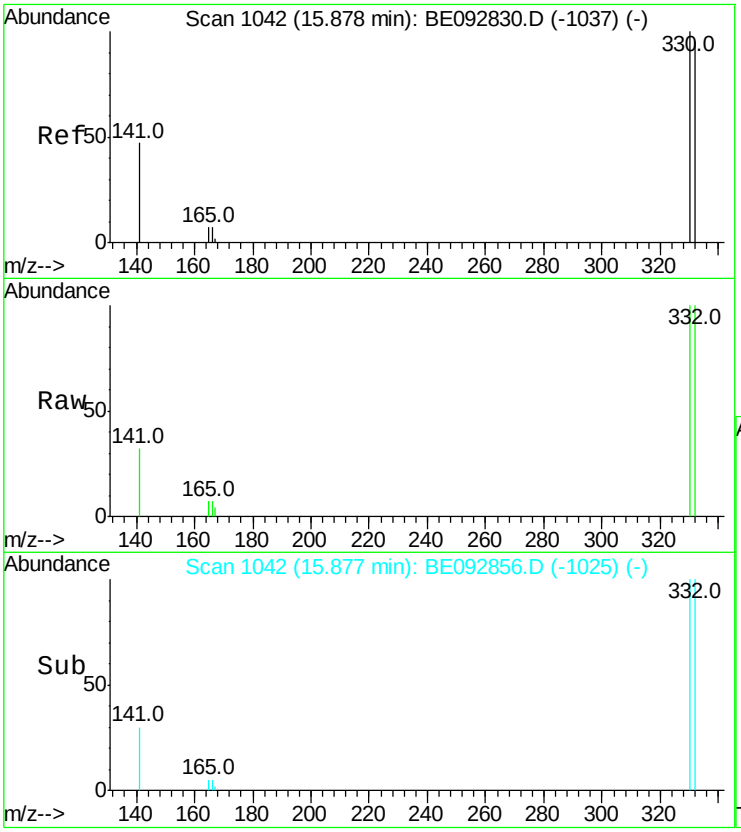


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:164 Resp: 17749

Ion	Ratio	Lower	Upper
164	100		
162	93.7	71.4	107.0
160	38.6	27.4	41.2



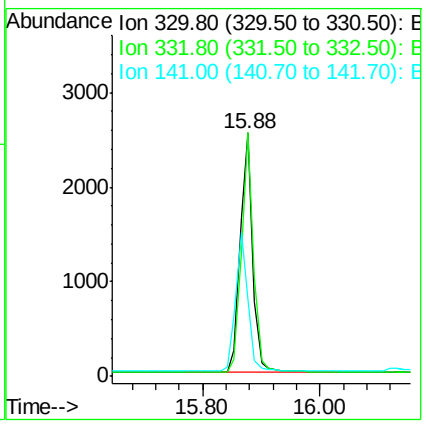


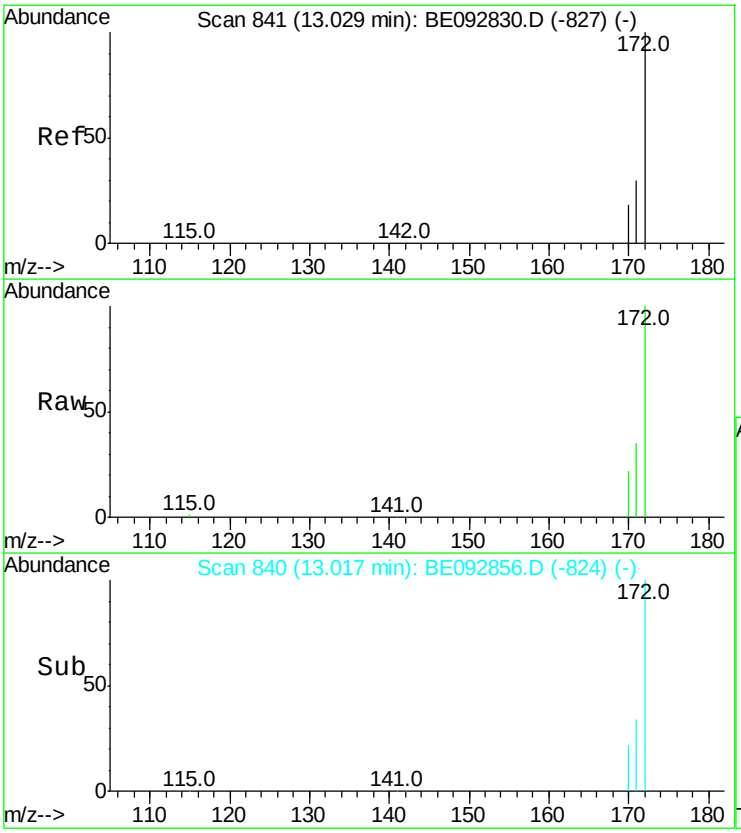
#13
2,4,6-Tribromophenol
Concen: 13.57 ng
RT: 15.88 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 3763

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.0
141	57.0	31.0	46.6#

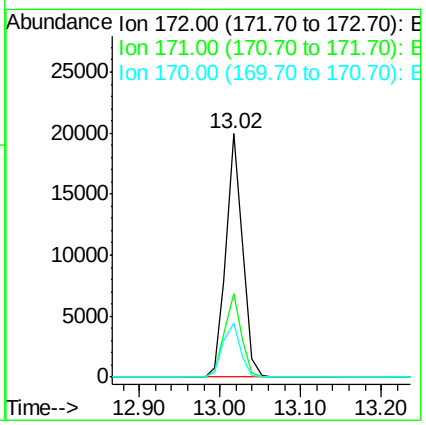


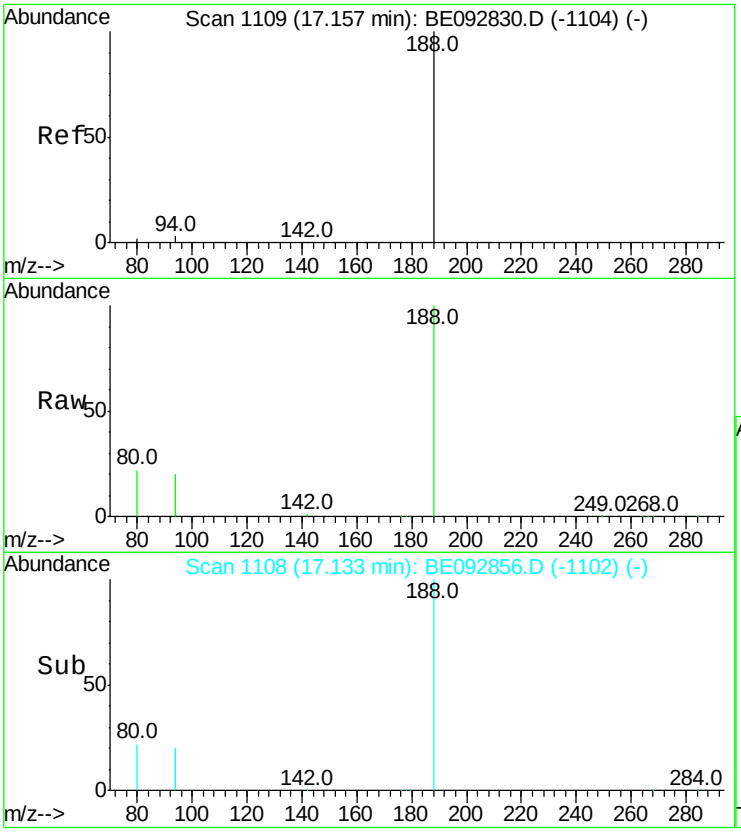


#14
2-Fluorobiphenyl
Concen: 4.82 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:172 Resp: 28206

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.1	45.1
170	22.4	21.8	32.6



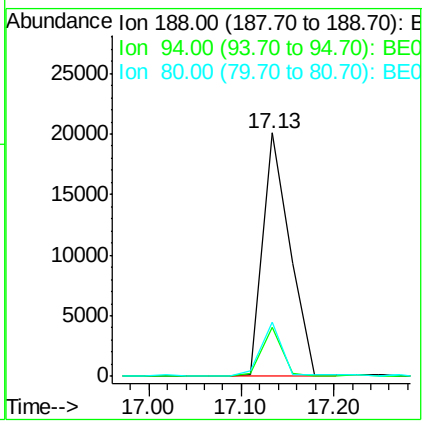


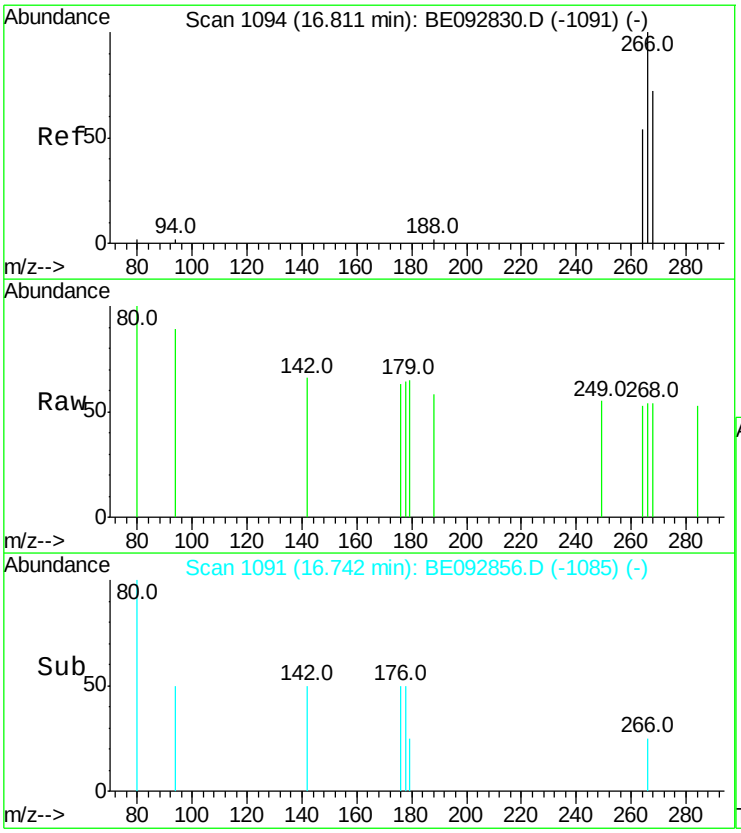
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 40983

Ion	Ratio	Lower	Upper
188	100		
94	20.4	3.2	4.8#
80	22.3	2.6	3.8#

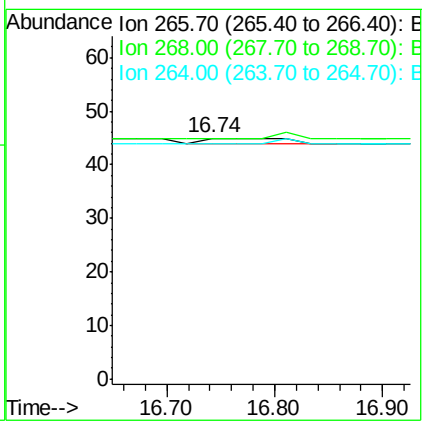


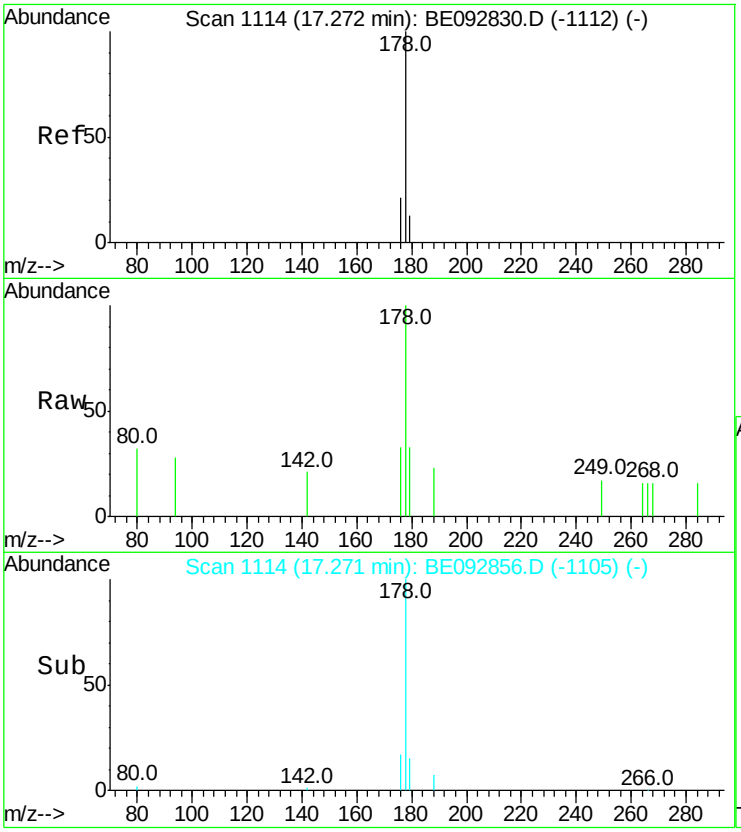


#20
Pentachlorophenol
Concen: 0.24 ng
RT: 16.74 min Scan# 1091
Delta R.T. -0.07 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.5	93.7#
264	97.8	57.2	85.8#



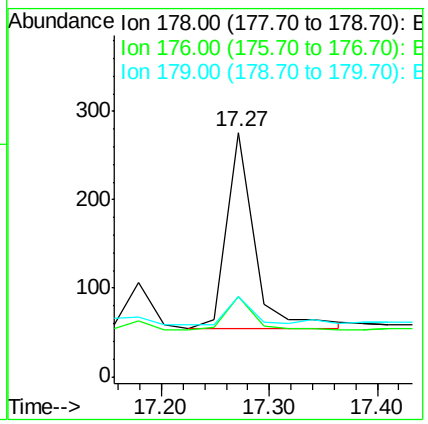


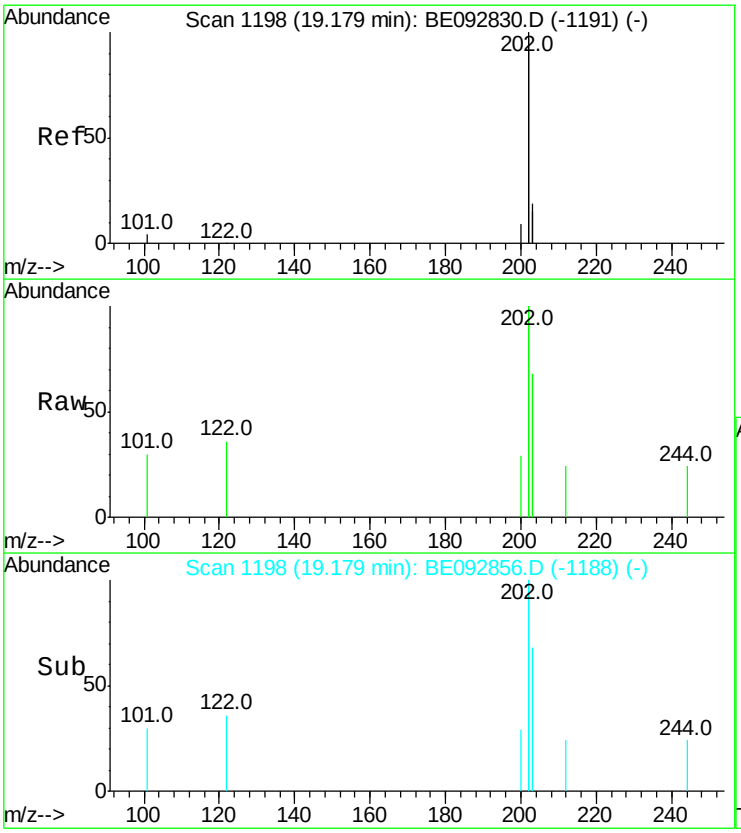
#22
Anthracene
Concen: 0.04 ng
RT: 17.27 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 391

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.0	22.4
179	13.8	12.2	18.2

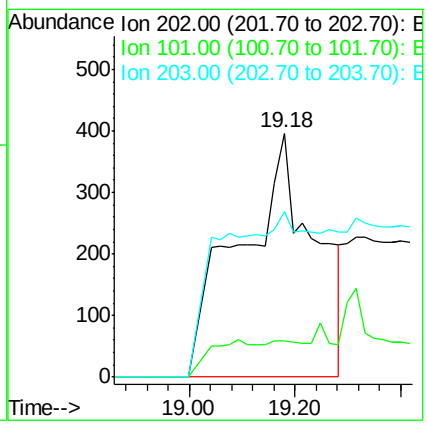


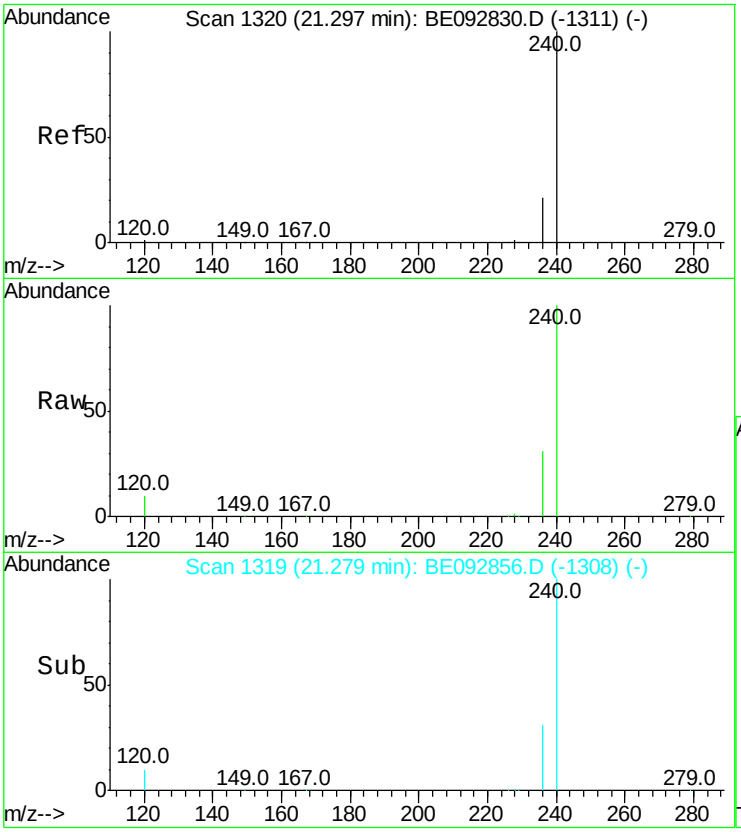


#23
Fluoranthene
Concen: 0.09 ng
RT: 19.18 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:202 Resp: 4004

Ion	Ratio	Lower	Upper
202	100		
101	0.0	2.2	3.4#
203	0.0	13.7	20.5#



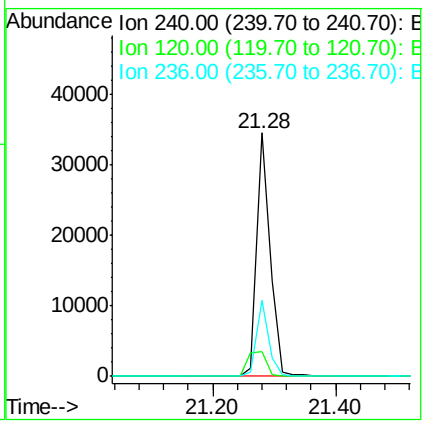


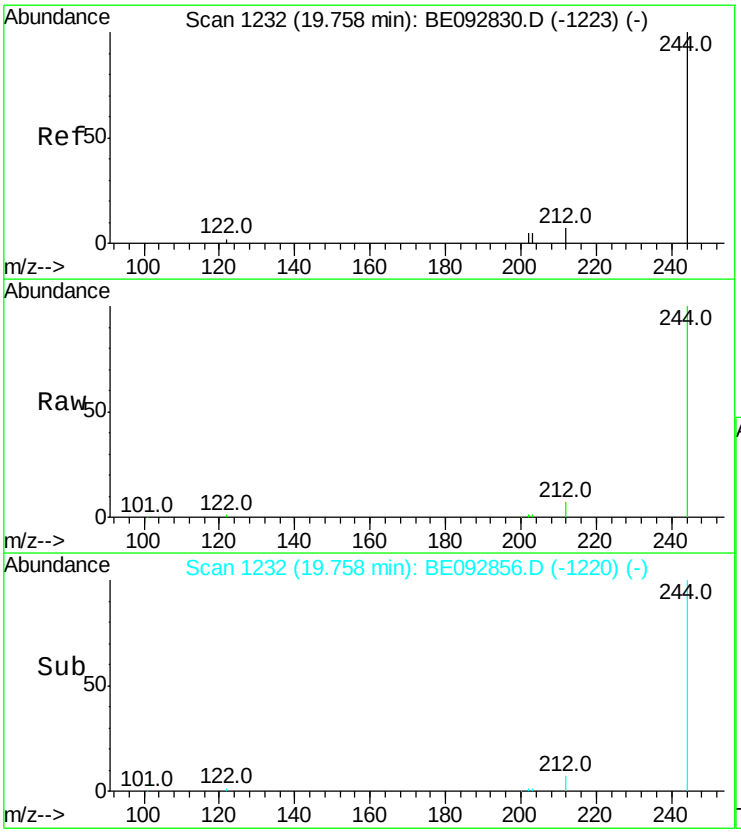
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 51922

Ion	Ratio	Lower	Upper
240	100		
120	10.4	2.6	4.0#
236	31.1	24.6	37.0

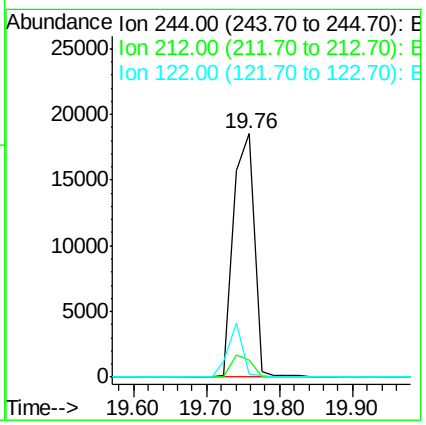


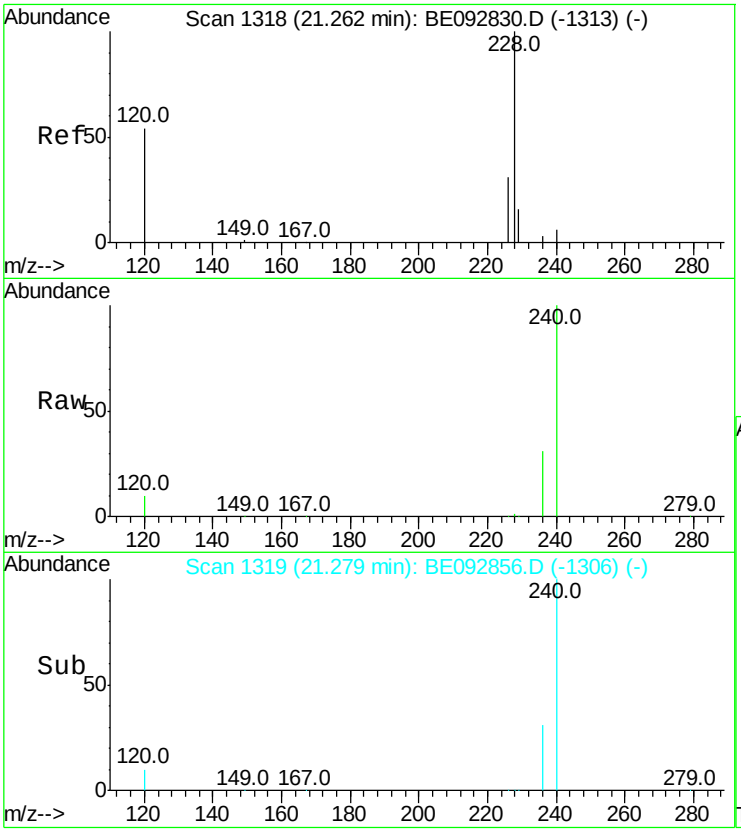


#26
Terphenyl-d14
Concen: 3.97 ng
RT: 19.76 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:244 Resp: 35665

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.7	10.1
122	1.2	3.6	5.4#



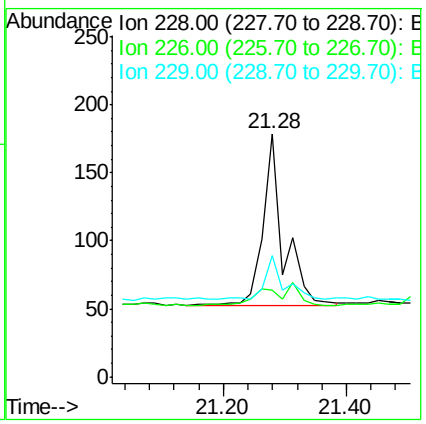


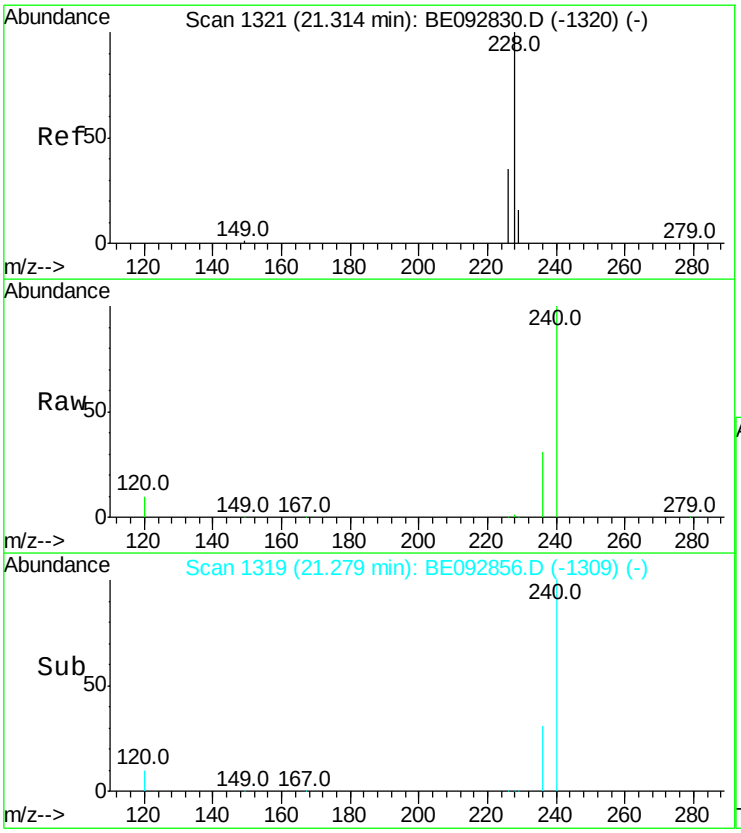
#27
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.28 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 300

Ion	Ratio	Lower	Upper
228	100		
226	35.8	23.6	35.4#
229	49.7	13.3	19.9#

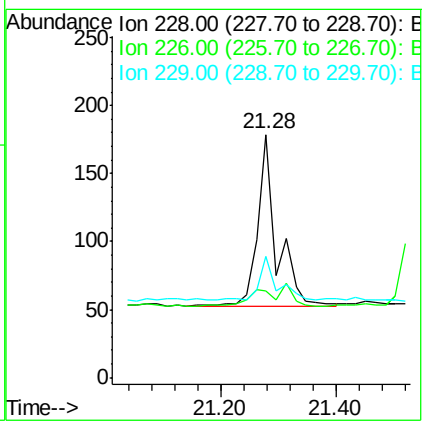


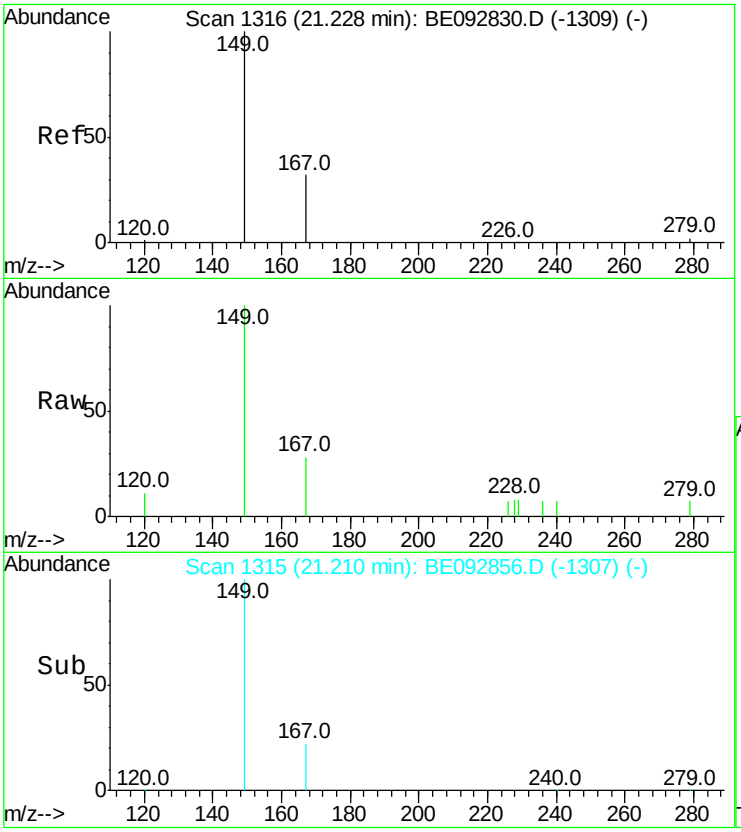


#28
Chrysene
Concen: 0.02 ng
RT: 21.28 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:228 Resp: 302

Ion	Ratio	Lower	Upper
228	100		
226	35.8	36.3	54.5#
229	49.7	10.6	16.0#



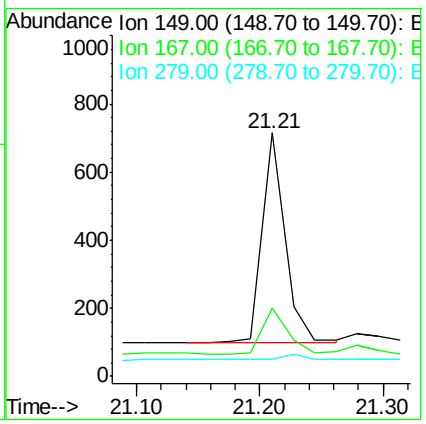


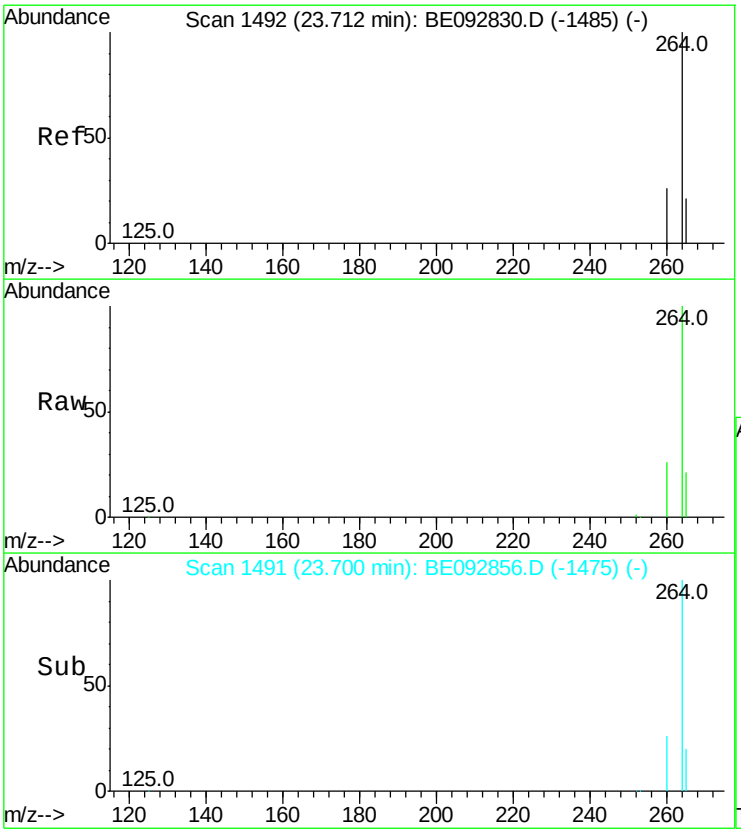
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.21 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 781

Ion	Ratio	Lower	Upper
149	100		
167	24.6	16.0	24.0#
279	3.3	16.0	24.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE092856.D
Acq: 29 Mar 2017 3:39

Tgt Ion:264 Resp: 49092

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	21.0	17.9	26.9