Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
Data File : BE093498.D
Acq On : 20 Jul 2017 13:02
Operator : SJ/JU
Sample : I4199-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 20 18:06:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	3633	0.40	ng		0.00
7) Naphthalene-d8	10.72	136	19837	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	13246	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	32883	0.40	ng		0.00
27) Chrysene-d12	21.43	240	36770	0.40	ng		0.00
34) Perylene-d12	23.94	264	32421	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2692	0.25	ng		0.00
5) Phenol-d6	7.11	99	2859	0.18	ng		0.01
8) Nitrobenzene-d5	9.08	82	5658	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.31	152	10726	0.34	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	2096	0.50	ng		0.00
15) 2-Fluorobiphenyl	13.18	172	31612	0.61	ng		0.00
25) Fluoranthene-d10	19.29	212	132604	0.33	ng		0.00
29) Terphenyl-d14	19.87	244	31122	0.47	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.75	42	119	0.146	ng	#	1
9) Naphthalene	10.77	128	6263	0.030	ng	#	77
12) 2-Methylnaphthalene	12.38	142	2393	0.069	ng		99
18) Fluorene	15.58	166	3248	0.059	ng	#	87
22) Pentachlorophenol	16.91	266	35	Below Cal			84
23) Phenanthrene	17.30	178	17023	0.142	ng		97
26) Fluoranthene	19.32	202	6527	0.058	ng		98
28) Pyrene	19.67	202	2384	0.023	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.33	149	13965	0.098	ng	#	67

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072017\
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Acq On : 20 Jul 2017 13:02
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
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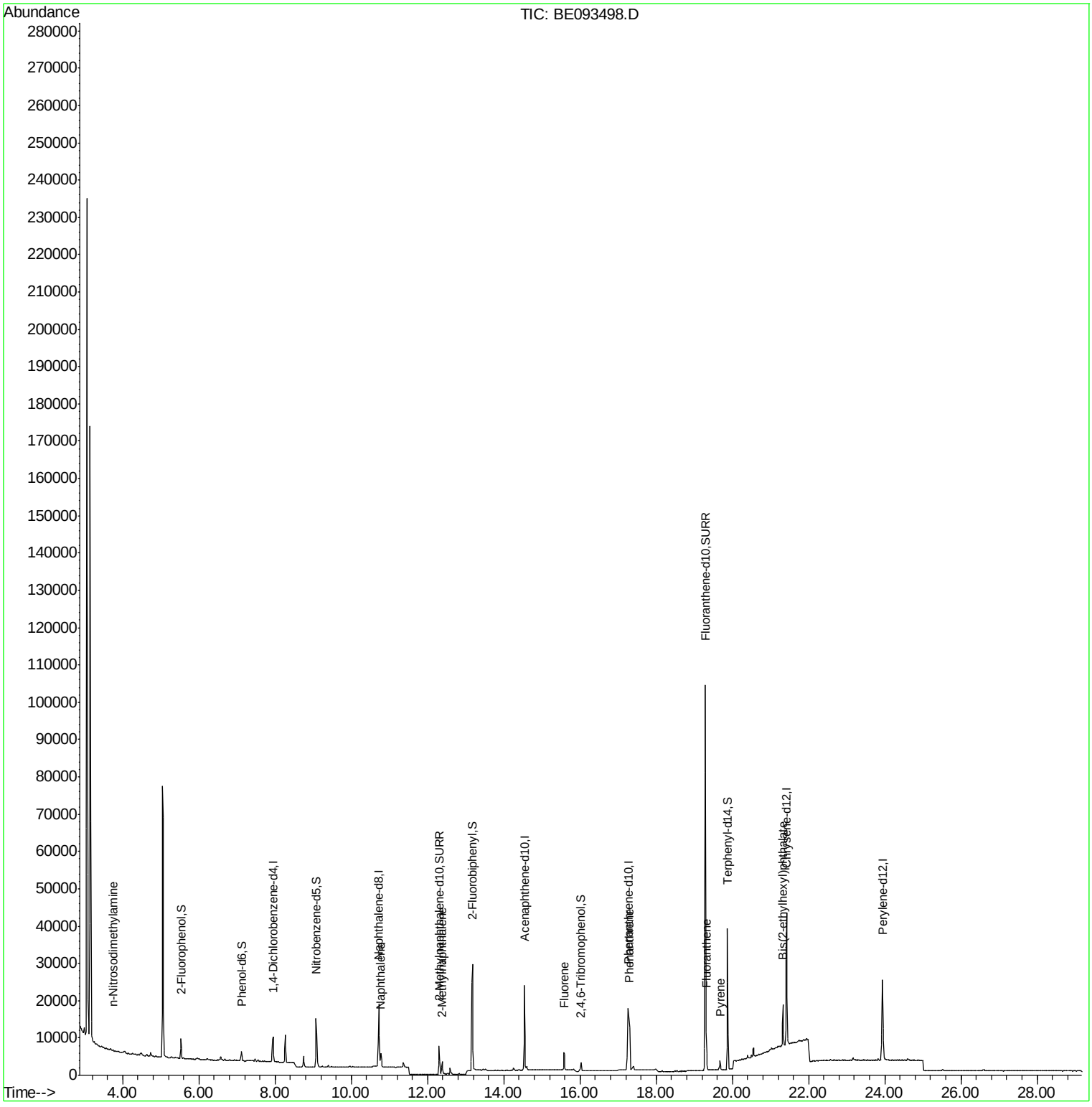
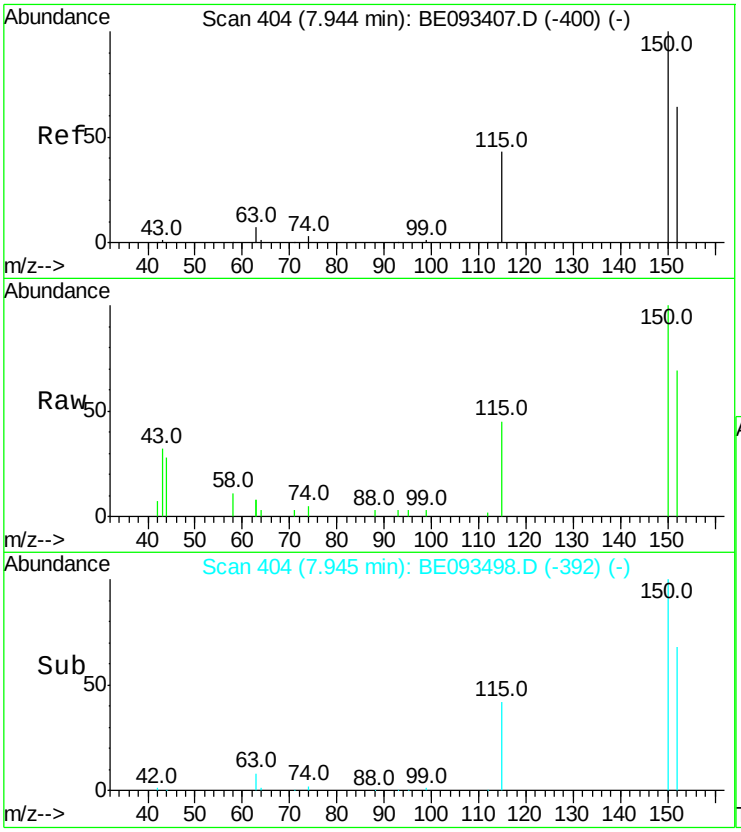


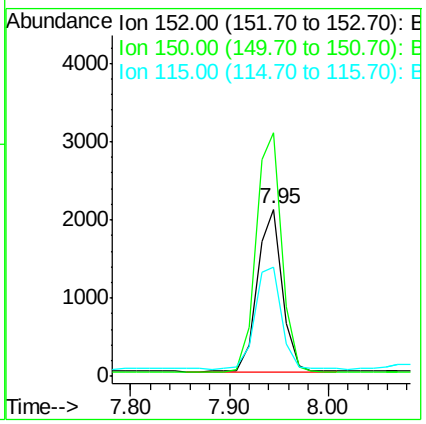


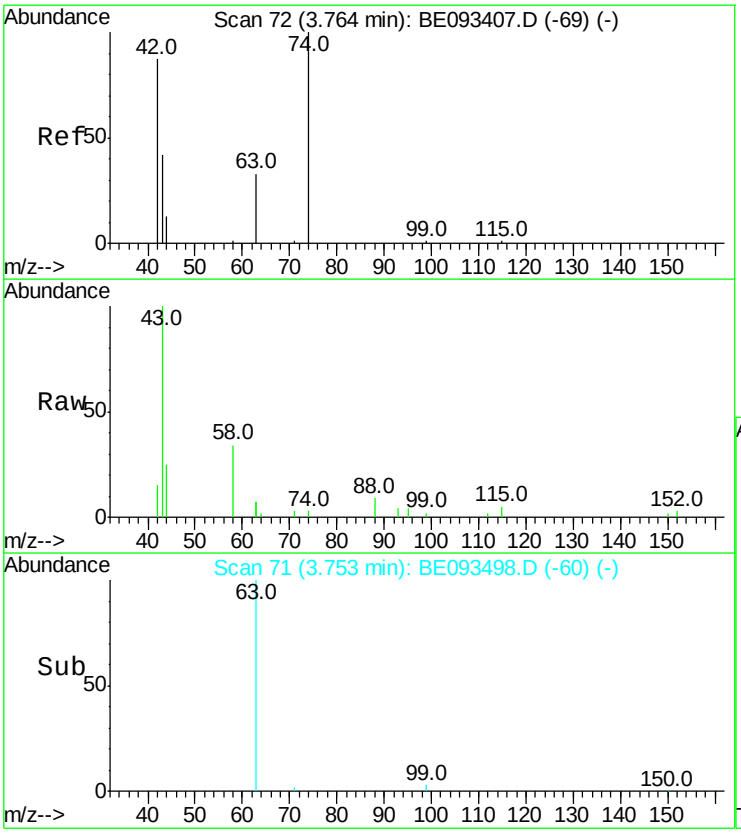
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3633

Ion	Ratio	Lower	Upper
152	100		
150	145.6	125.1	187.7
115	65.1	55.7	83.5

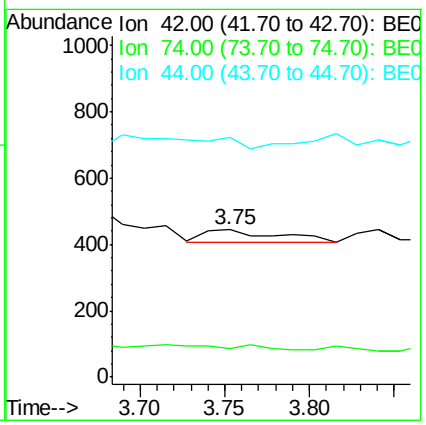


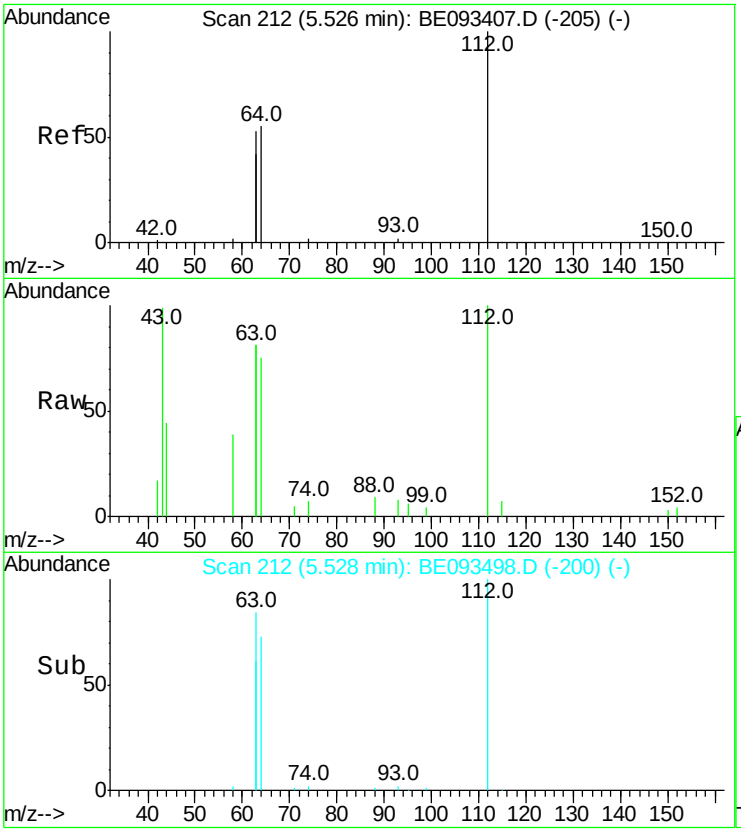


#3
n-Nitrosodimethylamine
Concen: 0.146 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion: 42 Resp: 119

Ion	Ratio	Lower	Upper
42	100		
74	0.0	99.1	148.7#
44	0.0	7.4	11.2#



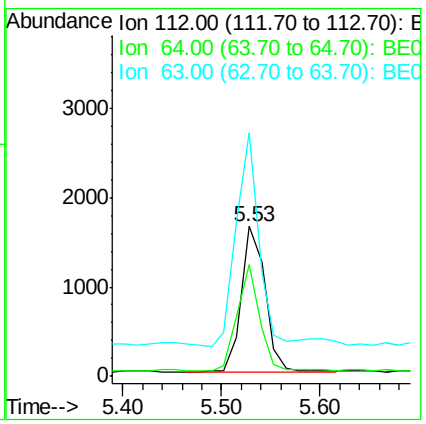


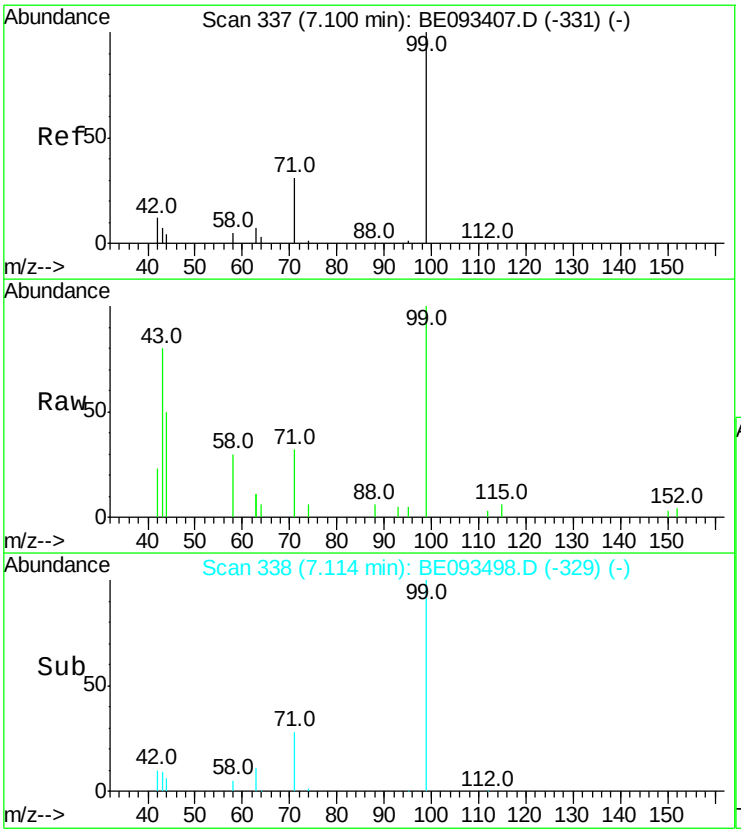
#4
2-Fluorophenol
Concen: 0.245 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 2692

Ion	Ratio	Lower	Upper
112	100		
64	68.2	56.4	84.6
63	136.9	29.3	43.9#

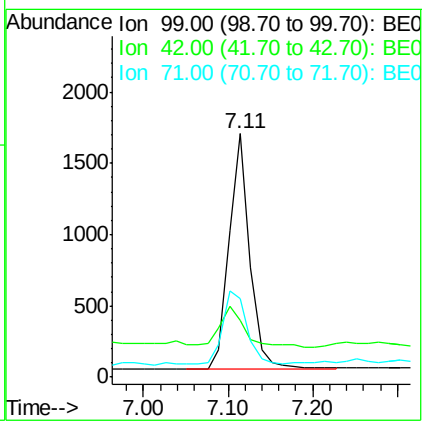


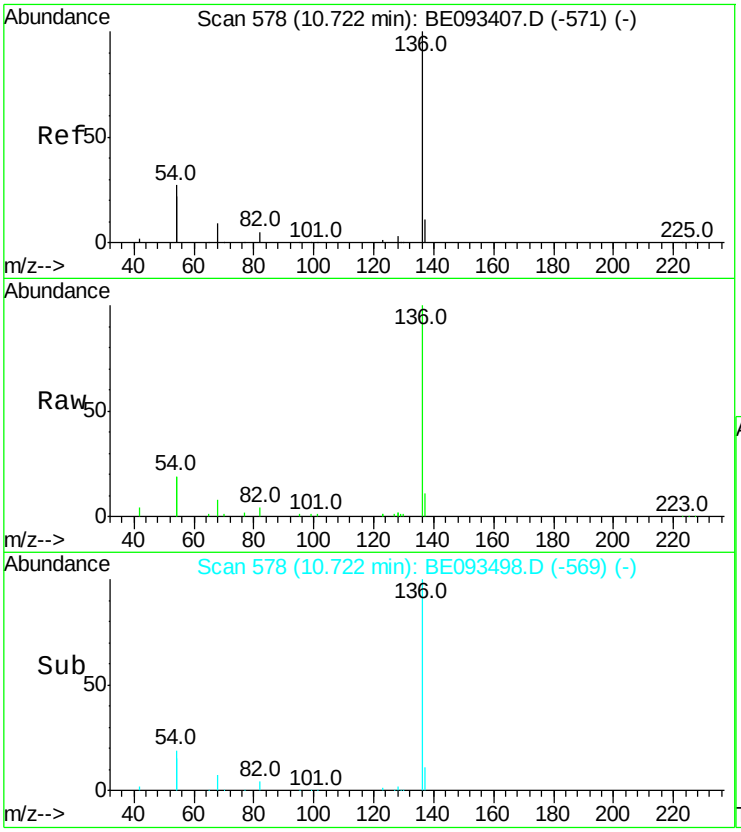


#5
Phenol-d6
Concen: 0.177 ng
RT: 7.11 min Scan# 338
Delta R.T. 0.01 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion: 99 Resp: 2859

Ion	Ratio	Lower	Upper
99	100		
42	21.4	0.0	0.0#
71	35.3	0.0	0.0#



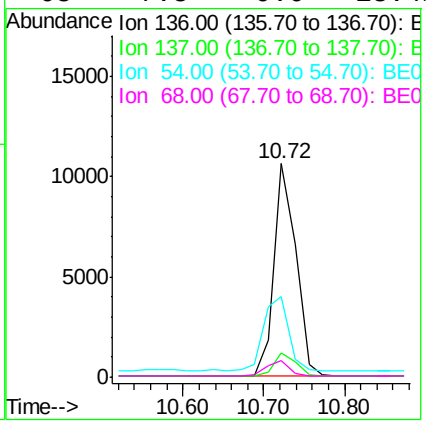


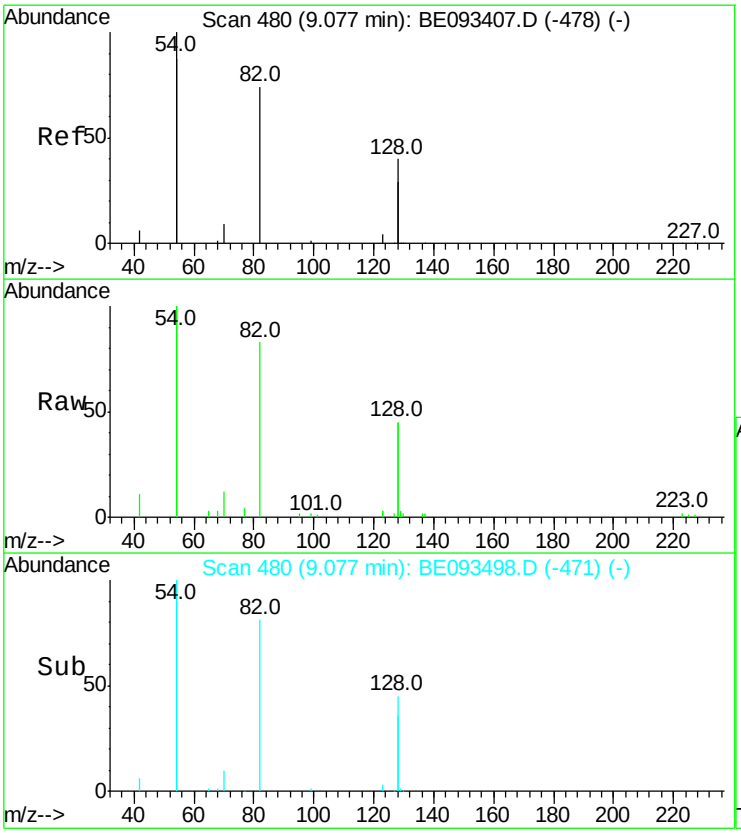
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. -0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 19837

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	37.6	10.3	15.5#
68	7.8	9.0	13.4#

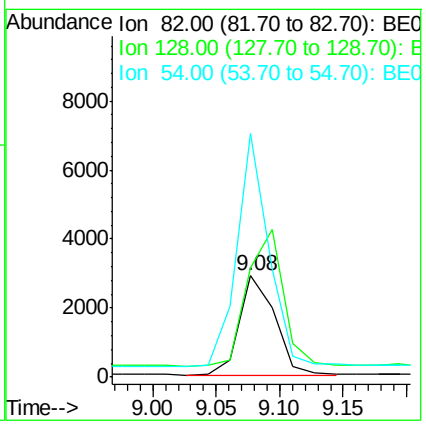


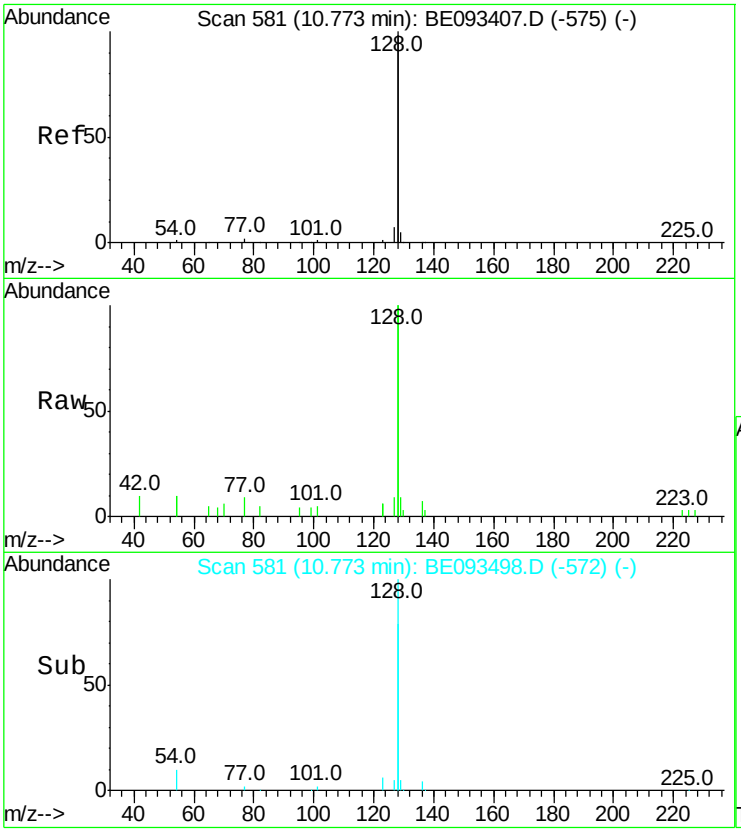


#8
Nitrobenzene-d5
Concen: 0.447 ng
RT: 9.08 min Scan# 480
Delta R.T. -0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion: 82 Resp: 5658

Ion	Ratio	Lower	Upper
82	100		
128	108.0	17.0	25.4#
54	240.6	53.8	80.6#



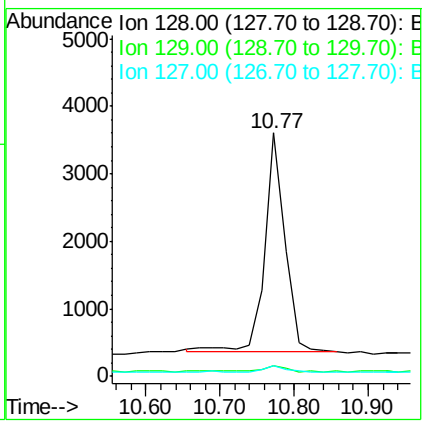


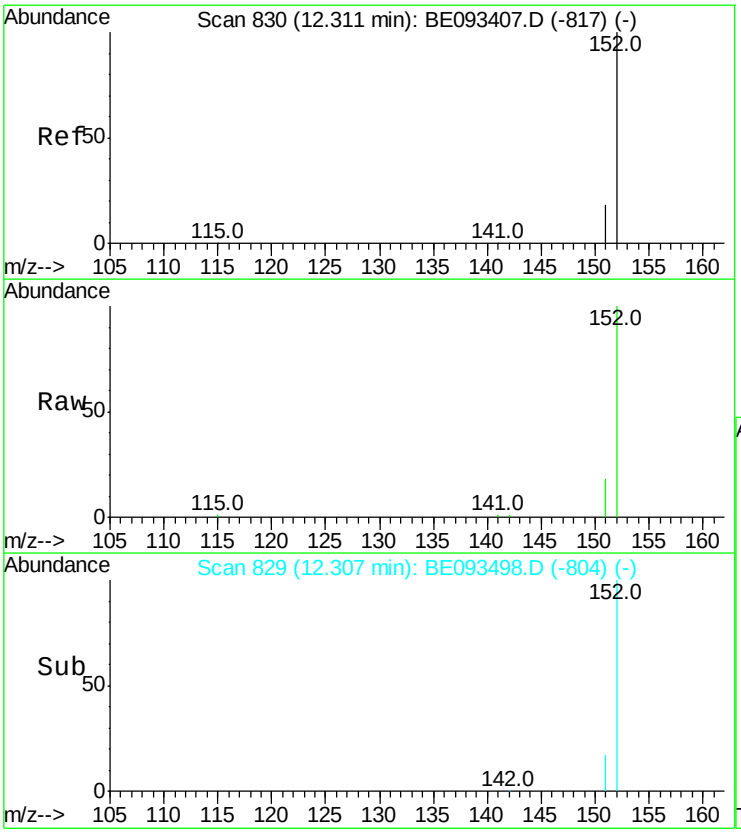
#9
Naphthalene
Concen: 0.030 ng
RT: 10.77 min Scan# 581
Delta R.T. -0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 6263

Ion	Ratio	Lower	Upper
128	100		
129	4.6	11.4	17.0#
127	4.5	11.2	16.8#

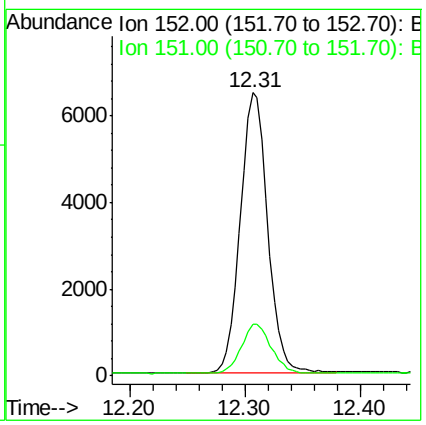


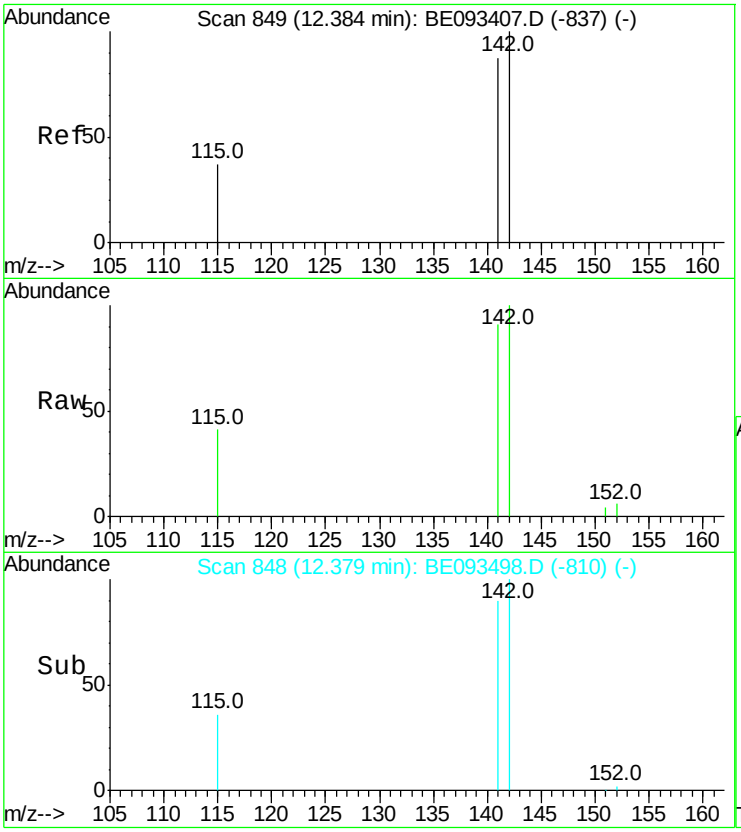


#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion:152 Resp: 10726

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7



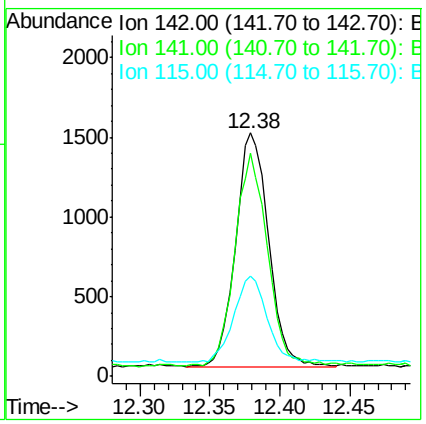


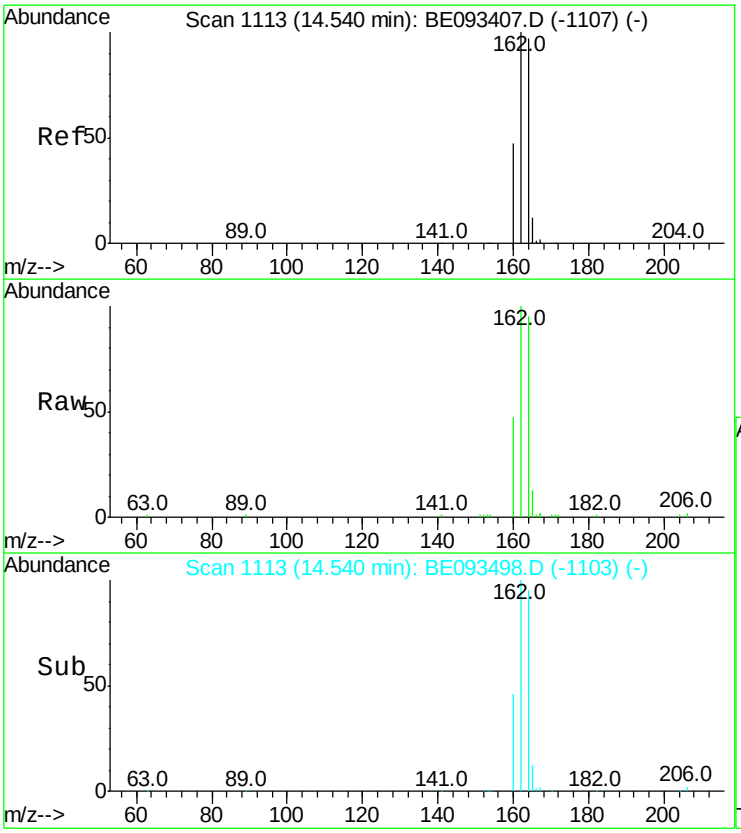
#12
2-Methylnaphthalene
Concen: 0.069 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2393

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8
115	41.2	32.2	48.2

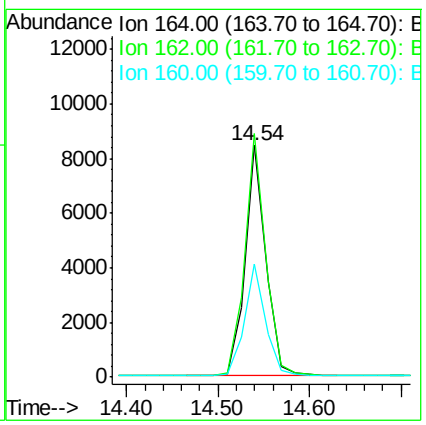


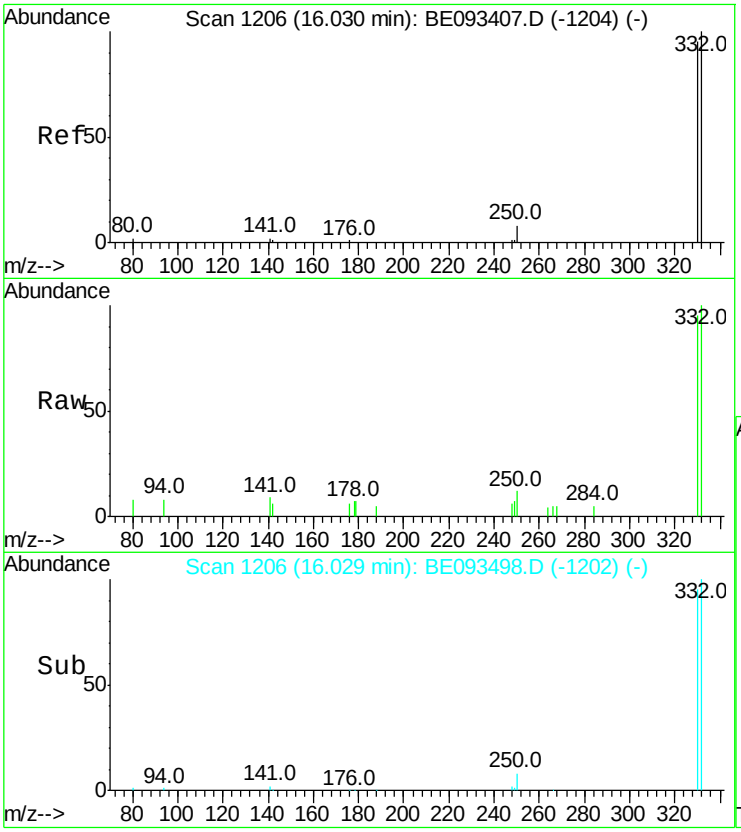


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion:164 Resp: 13246

Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.6	127.0
160	49.0	41.8	62.6



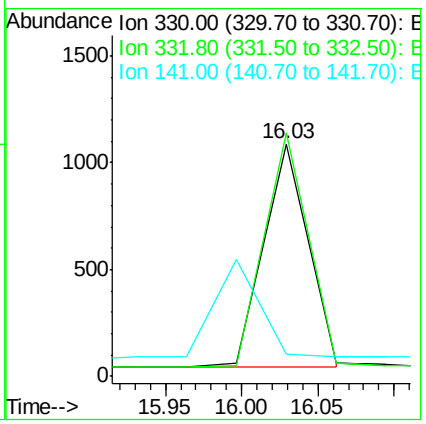


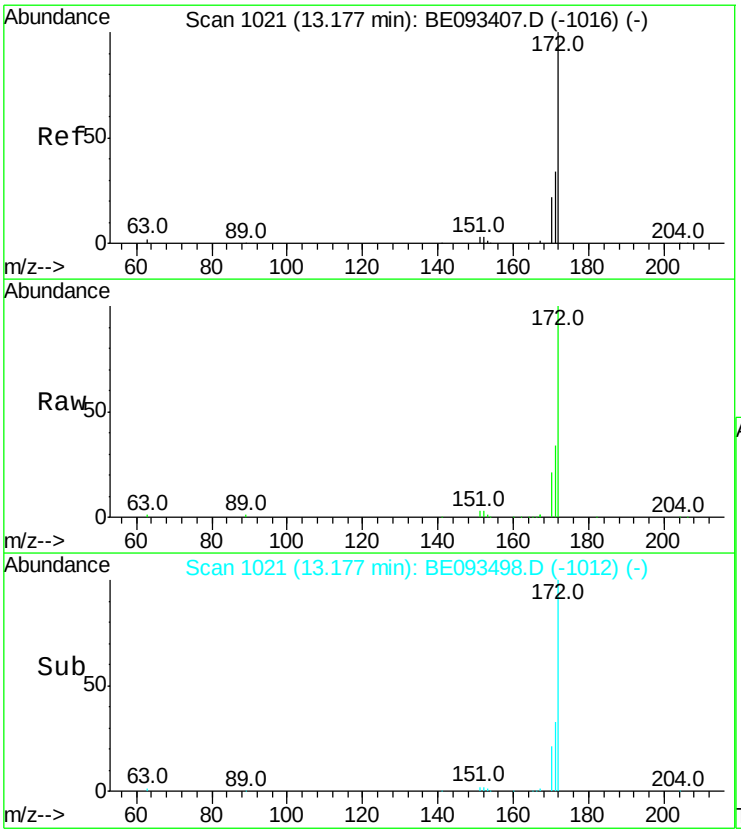
#14
2,4,6-Tribromophenol
Concen: 0.503 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 2096

Ion	Ratio	Lower	Upper
330	100		
332	104.2	77.7	116.5
141	0.0	56.2	84.4#

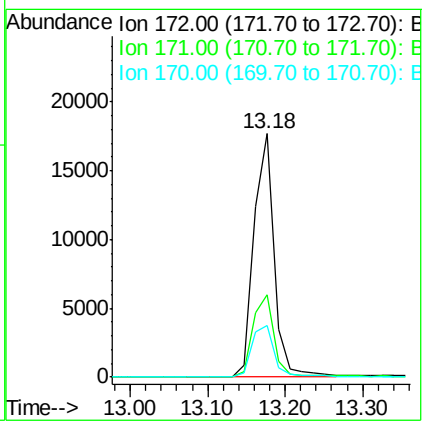


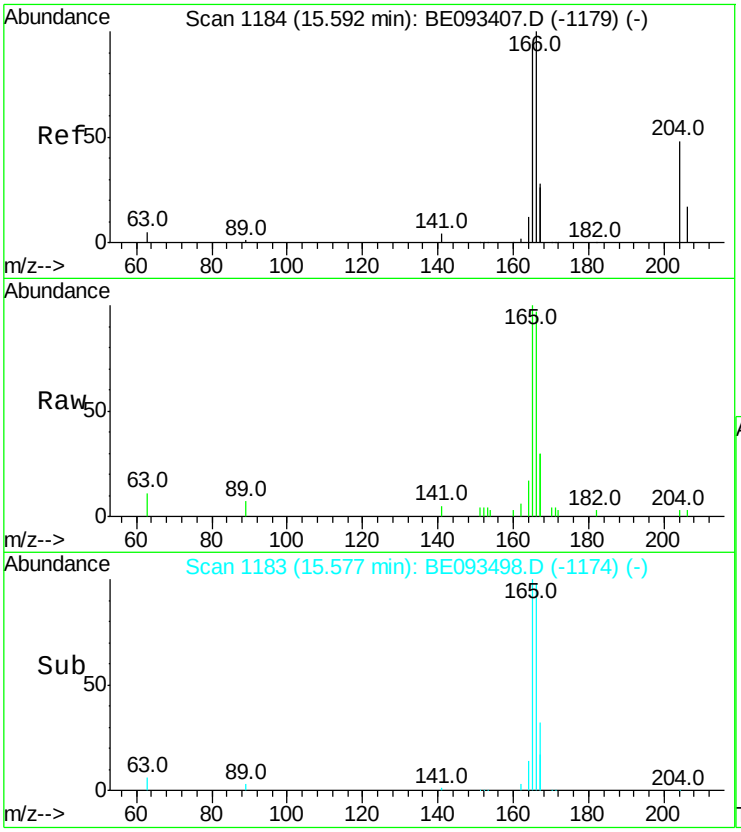


#15
2-Fluorobiphenyl
Concen: 0.615 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion:172 Resp: 31612

Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.8	44.6
170	21.3	20.7	31.1



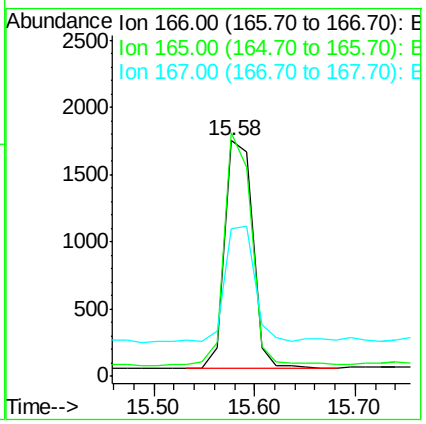


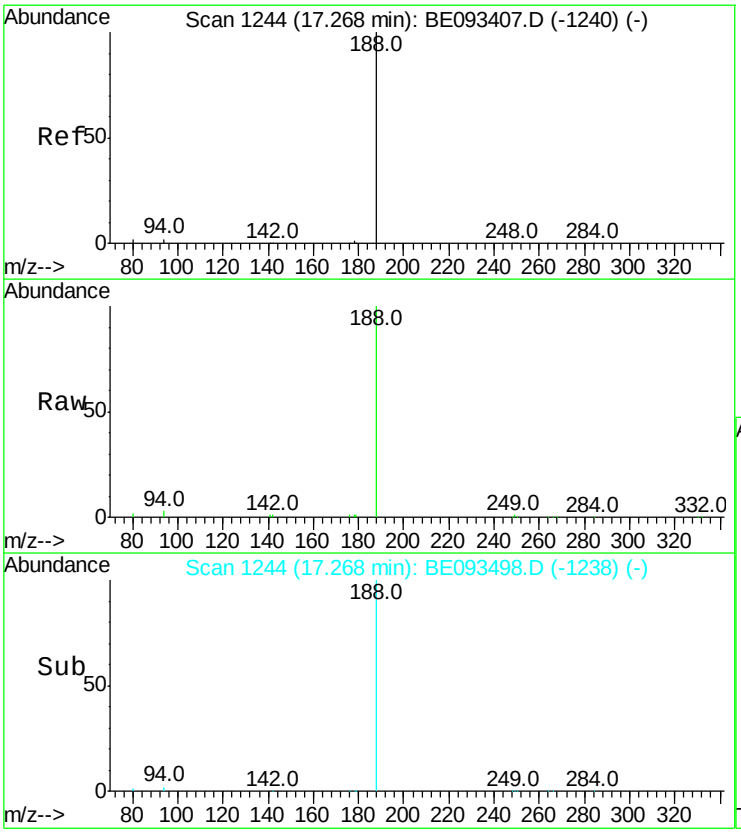
#18
Fluorene
Concen: 0.059 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3248

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	117.8
167	54.5	11.1	16.7#

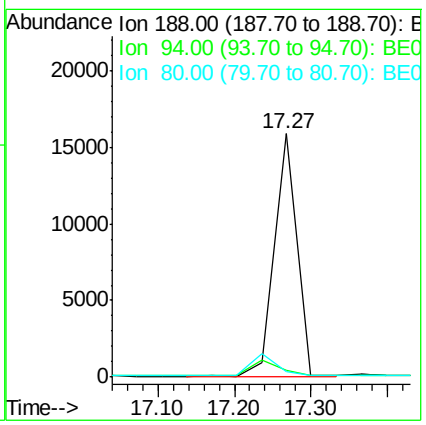


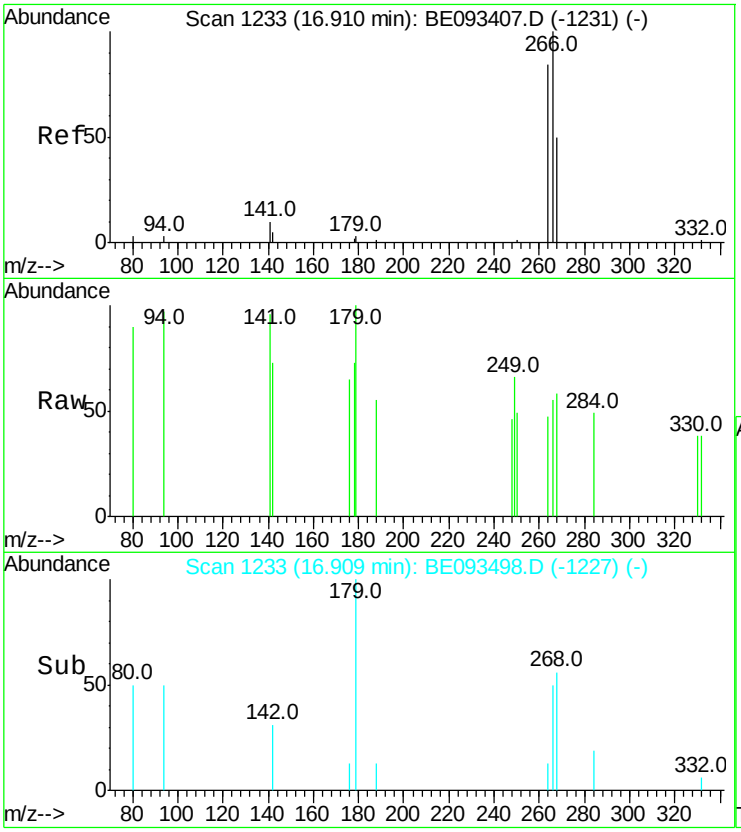


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion:188 Resp: 32883

Ion	Ratio	Lower	Upper
188	100		
94	2.5	11.3	16.9#
80	2.0	11.7	17.5#



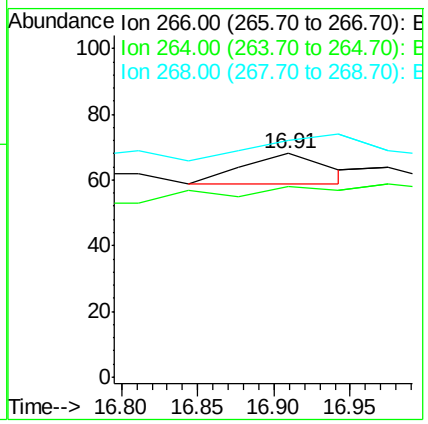


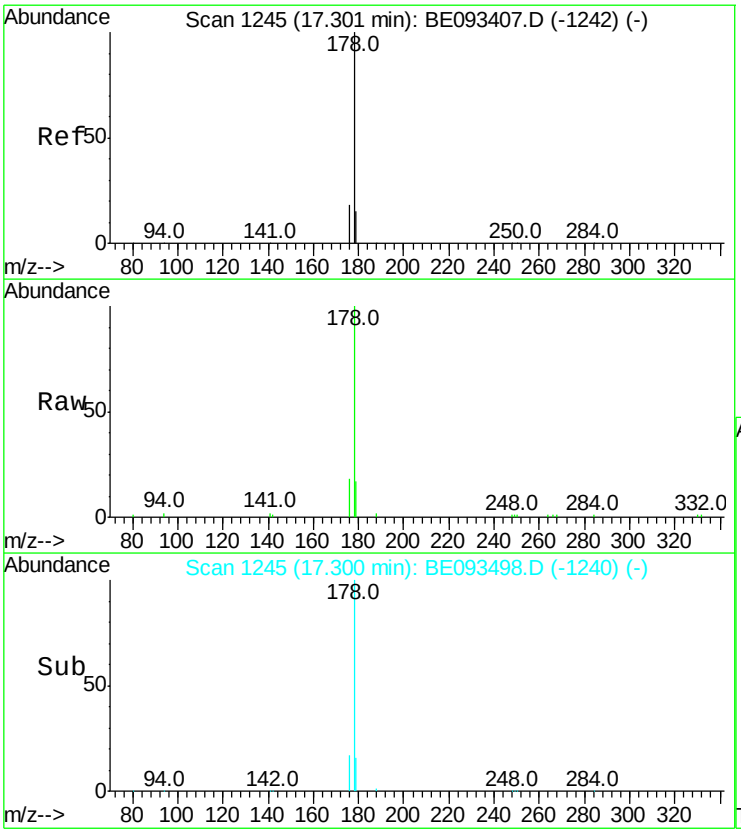
#22
Pentachlorophenol
Concen: Below Cal
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 35

Ion	Ratio	Lower	Upper
266	100		
264	85.3	58.2	87.2
268	105.9	71.9	107.9

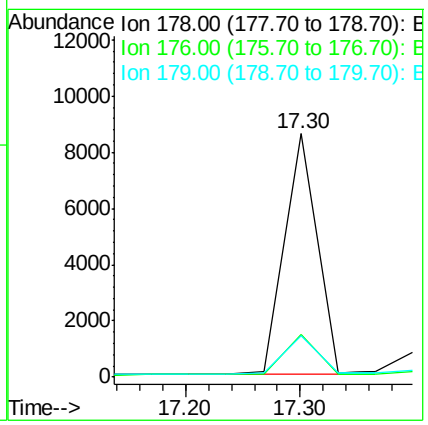


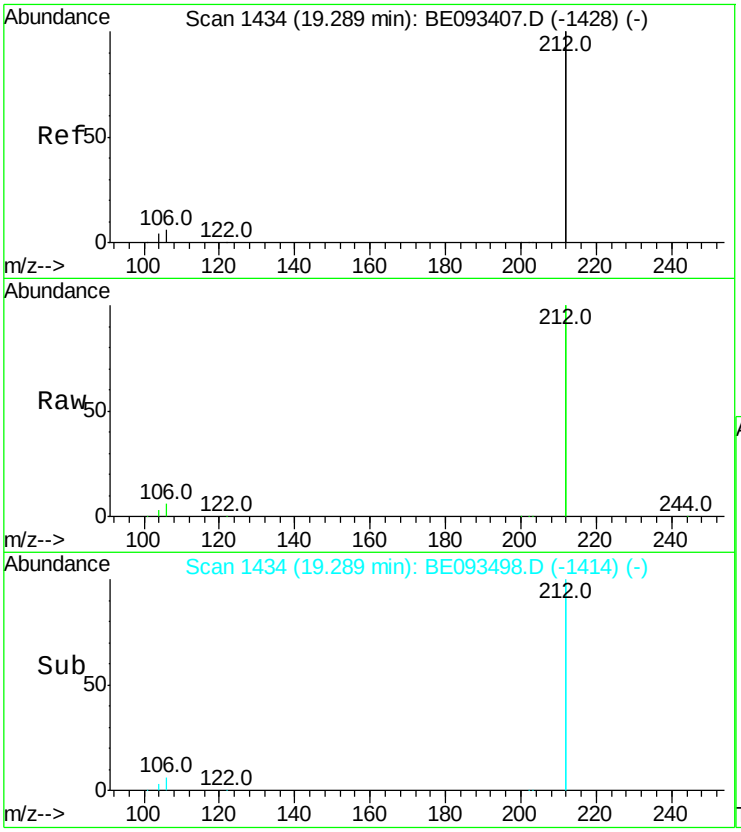


#23
Phenanthrene
Concen: 0.142 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion:178 Resp: 17023

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.0	22.4
179	16.2	12.7	19.1



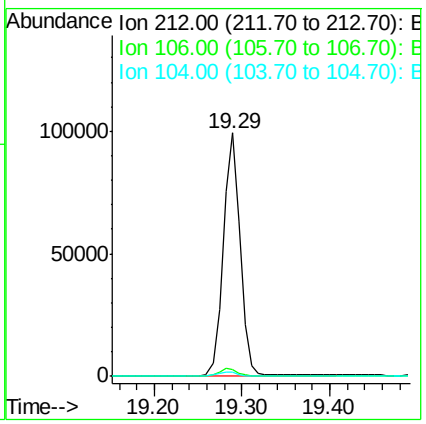


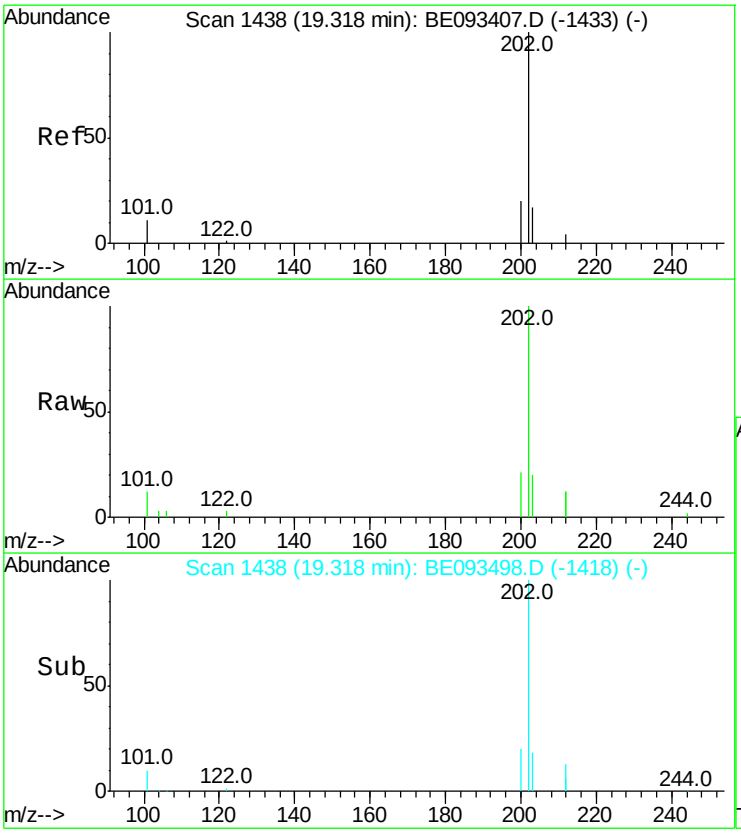
#25
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.29 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 132604

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.4	3.6
104	1.9	1.6	2.4

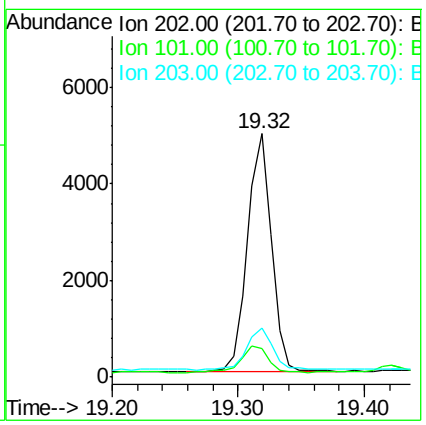


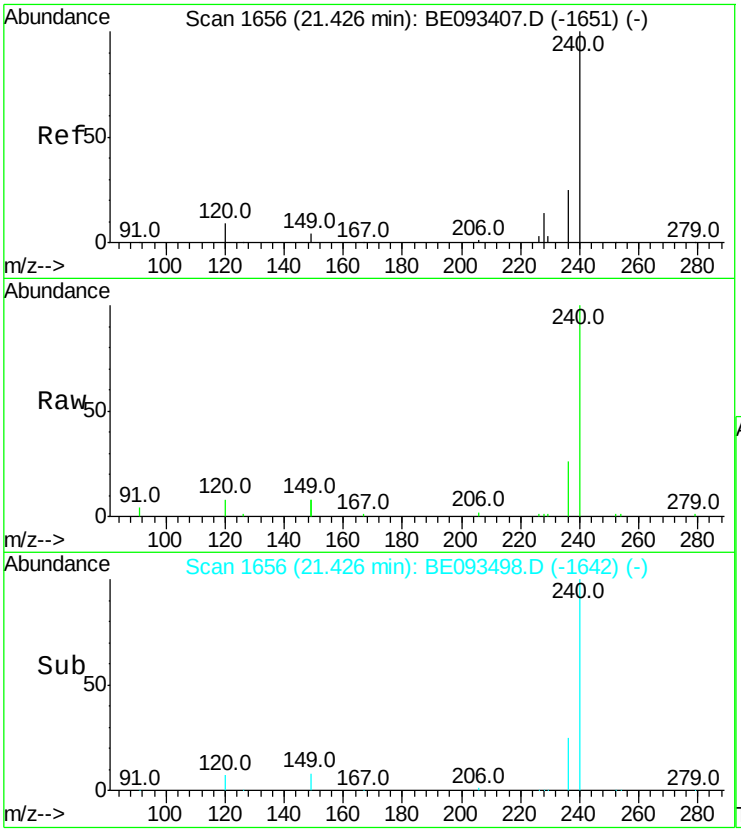


#26
Fluoranthene
Concen: 0.058 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion:202 Resp: 6527

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	18.9	14.4	21.6



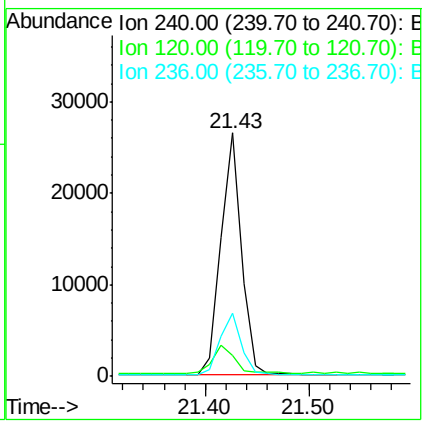


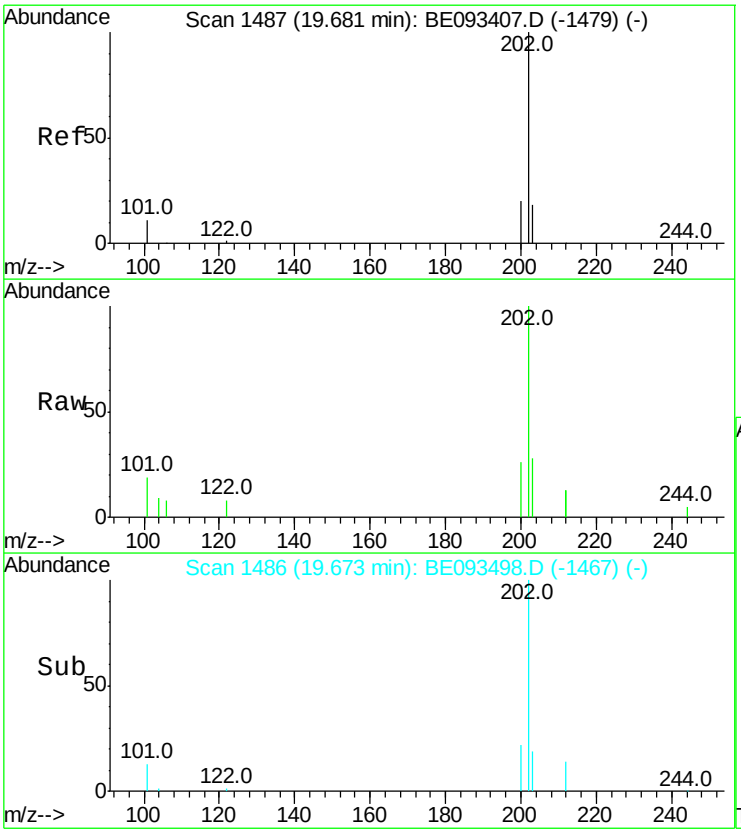
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 36770

Ion	Ratio	Lower	Upper
240	100		
120	8.5	4.6	7.0#
236	25.8	20.8	31.2

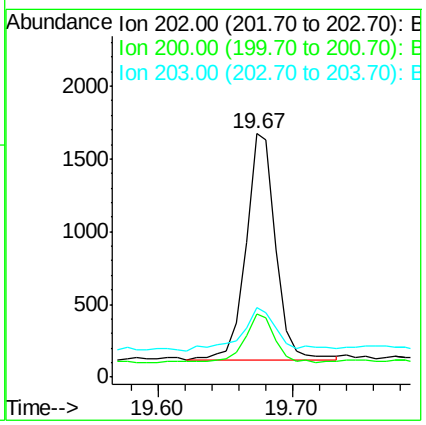


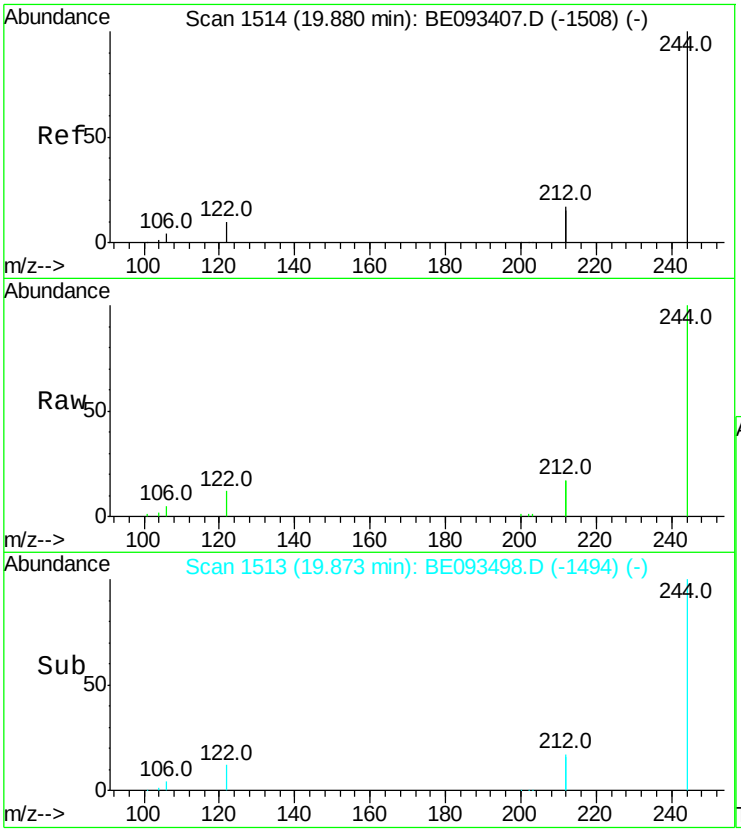


#28
Pyrene
Concen: 0.023 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion:202 Resp: 2384

Ion	Ratio	Lower	Upper
202	100		
200	22.2	0.0	0.0#
203	21.4	13.7	20.5#



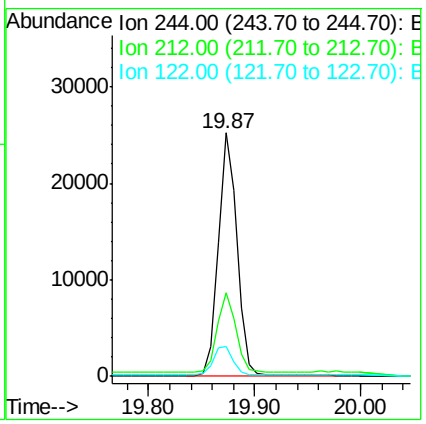


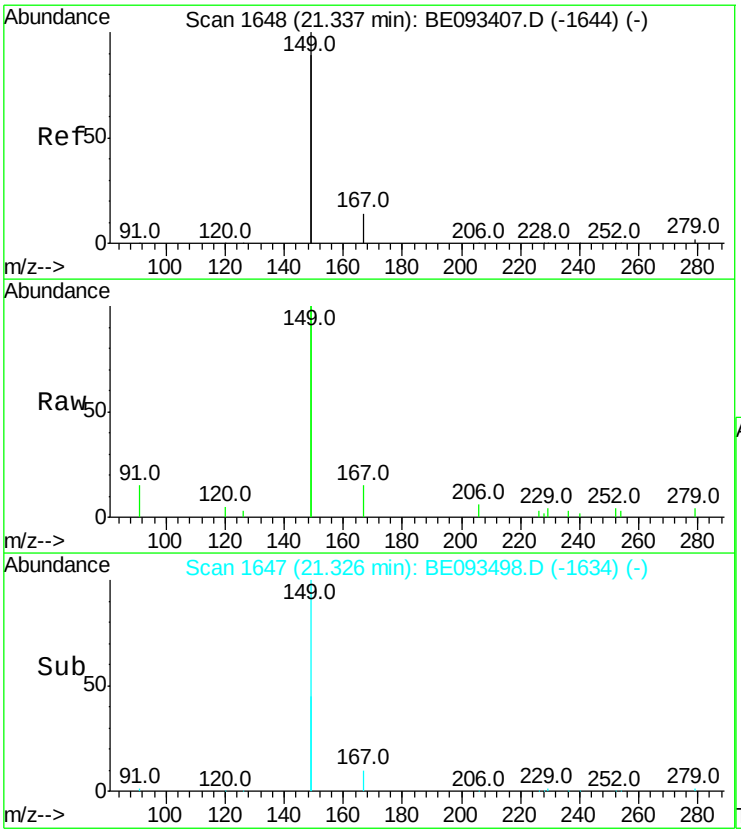
#29
Terphenyl-d14
Concen: 0.474 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 31122

Ion	Ratio	Lower	Upper
244	100		
212	34.4	10.6	16.0#
122	12.1	15.4	23.0#

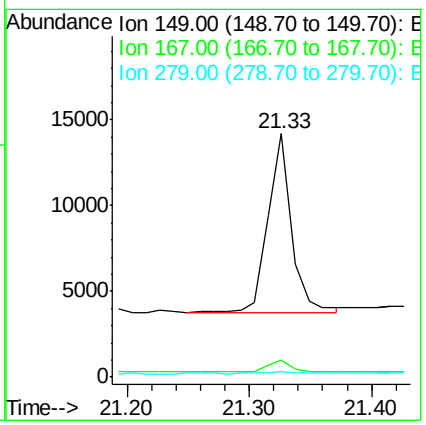


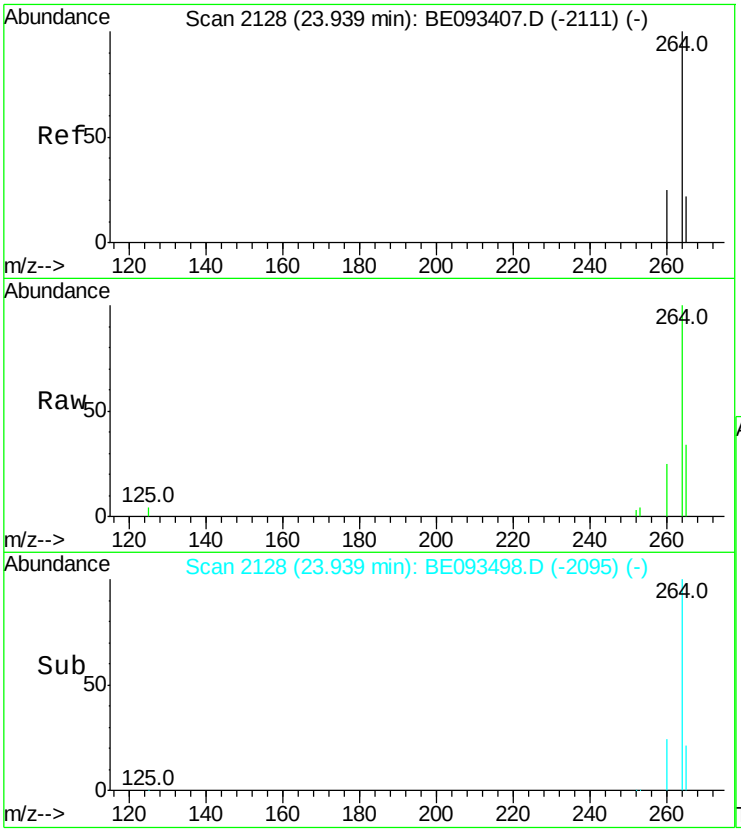


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Tgt Ion:149 Resp: 13965

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.3	2.2	3.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE093498.D
Acq: 20 Jul 2017 13:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 32421

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	34.1	24.6	36.8