Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093470.D
Acq On : 14 Jul 2017 14:09
Operator : SJ/JU
Sample : I4153-05
Misc : LOO 0.2 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LF-MW-54BR-20170710

Quant Time: Jul 17 01:27:35 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	7.93	152	4383	0.40	ng		-0.01
7) Naphthalene-d8	10.72	136	22704	0.40	ng		0.00
13) Acenaphthene-d10	14.54	164	15400	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	25660	0.40	ng		0.00
27) Chrysene-d12	21.42	240	40615	0.40	ng		-0.01
34) Perylene-d12	23.93	264	34272	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.53	112	2227	0.17	ng		0.00
5) Phenol-d6	7.09	99	2240	0.11	ng		-0.01
8) Nitrobenzene-d5	9.08	82	5679	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.30	152	13530	0.37	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	1254	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	25351	0.42	ng		-0.01
25) Fluoranthene-d10	19.28	212	168615	0.55	ng		0.00
29) Terphenyl-d14	19.87	244	37013	0.51	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.75	42	57	0.133	ng	#	1
9) Naphthalene	10.77	128	4810	0.020	ng	#	78
22) Pentachlorophenol	16.91	266	211	0.059	ng		89
24) Anthracene	17.30	178	1719	0.030	ng	#	92
26) Fluoranthene	19.31	202	2332	0.027	ng	#	85
28) Pyrene	19.67	202	2345	0.021	ng	#	96
32) Bis(2-ethylhexyl)phthalate	21.33	149	32391	0.205	ng	#	66

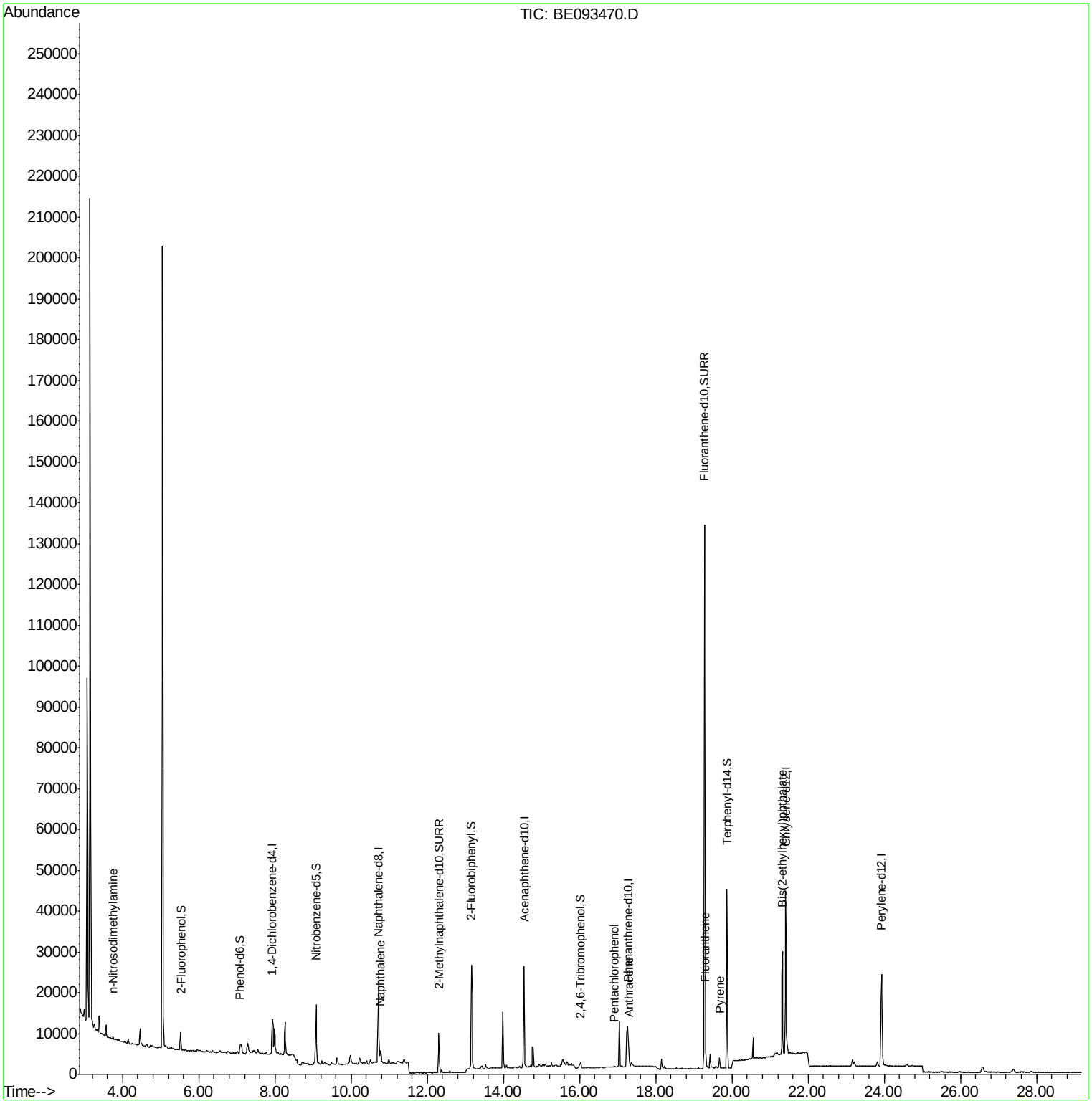
(#) = qualifier out of range (m) = manual integration (+) = signals summed

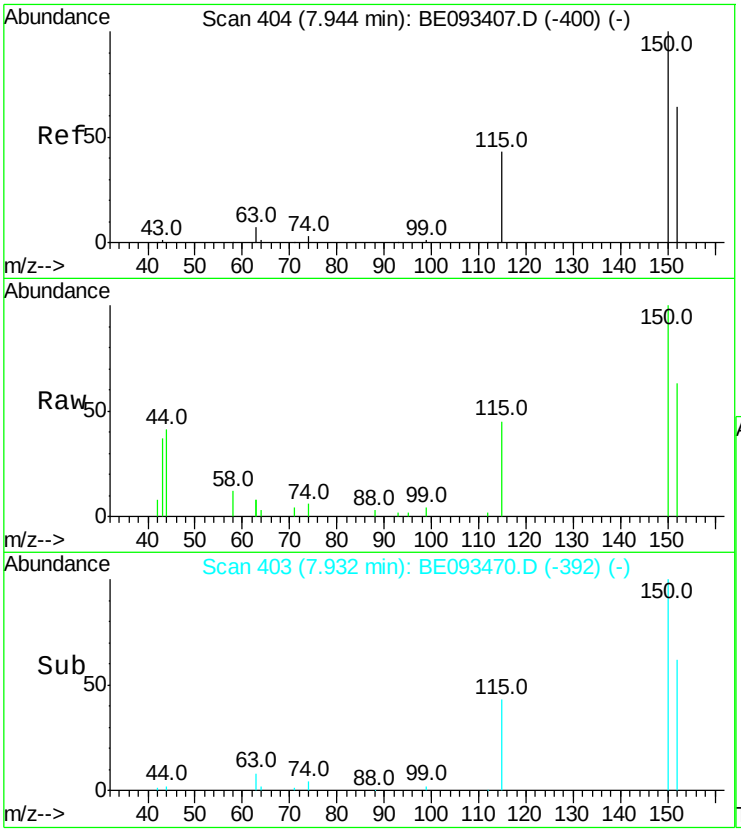
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE071417\
Data File : BE093470.D
Acq On : 14 Jul 2017 14:09
Operator : SJ/JU
Sample : I4153-05
Misc : LOO 0.2 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Quant Time: Jul 17 01:27:35 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



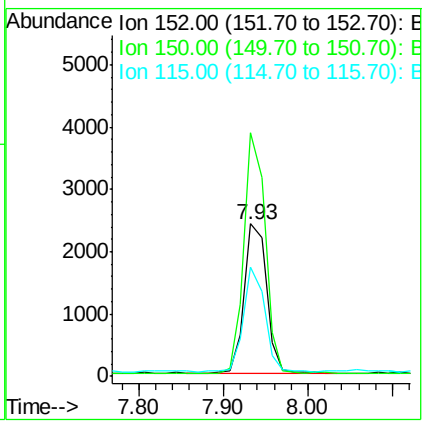


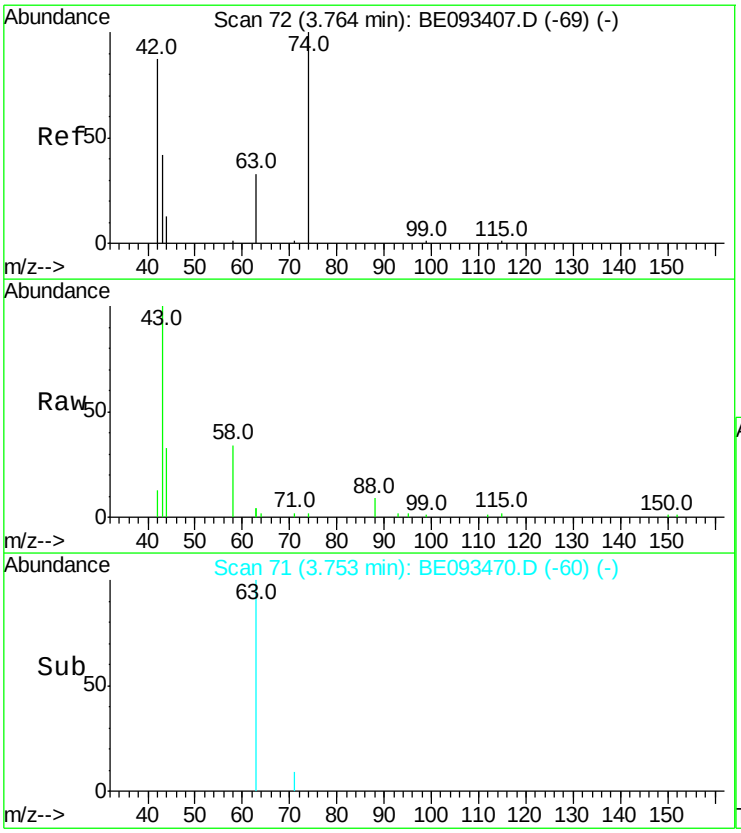
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:152 Resp: 4383

Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.1	187.7
115	71.2	55.7	83.5

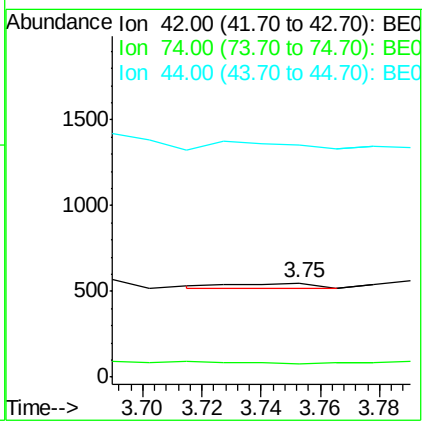


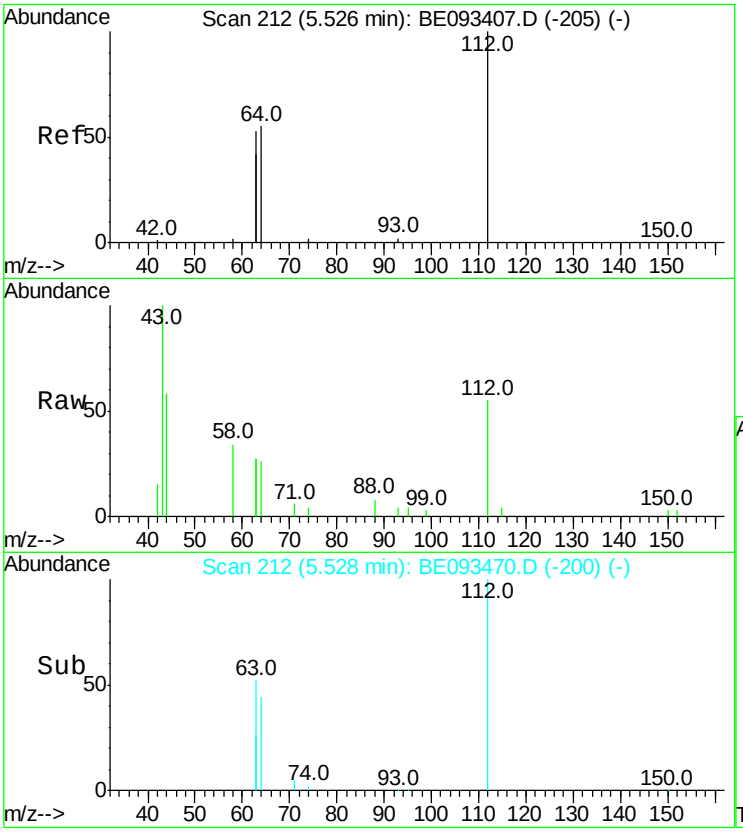


#3
n-Nitrosodimethylamine
Concen: 0.133 ng
RT: 3.75 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion: 42 Resp: 57

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



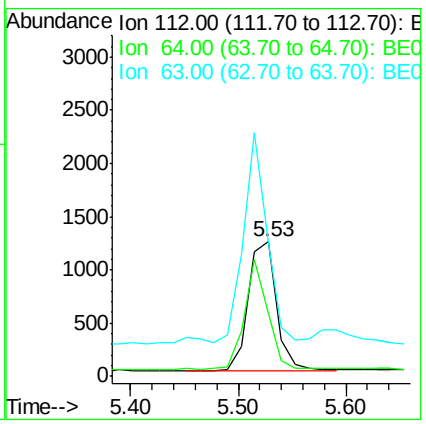


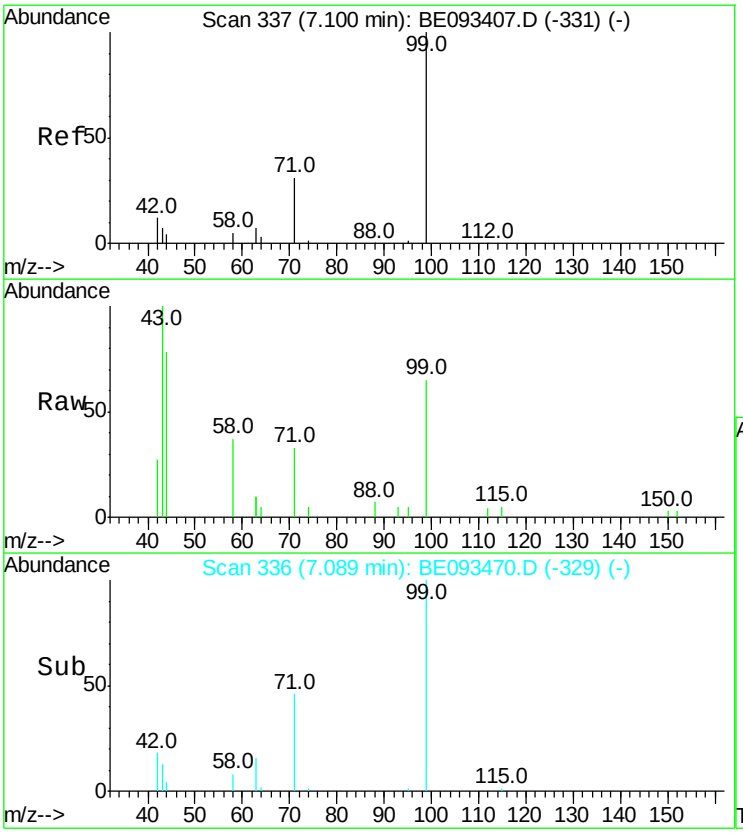
#4
2-Fluorophenol
Concen: 0.168 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:112 Resp: 2227

Ion	Ratio	Lower	Upper
112	100		
64	74.1	56.4	84.6
63	142.1	29.3	43.9#

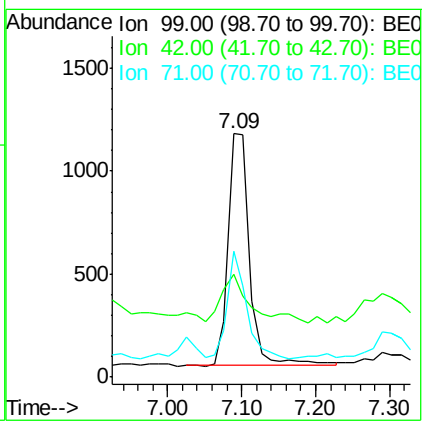


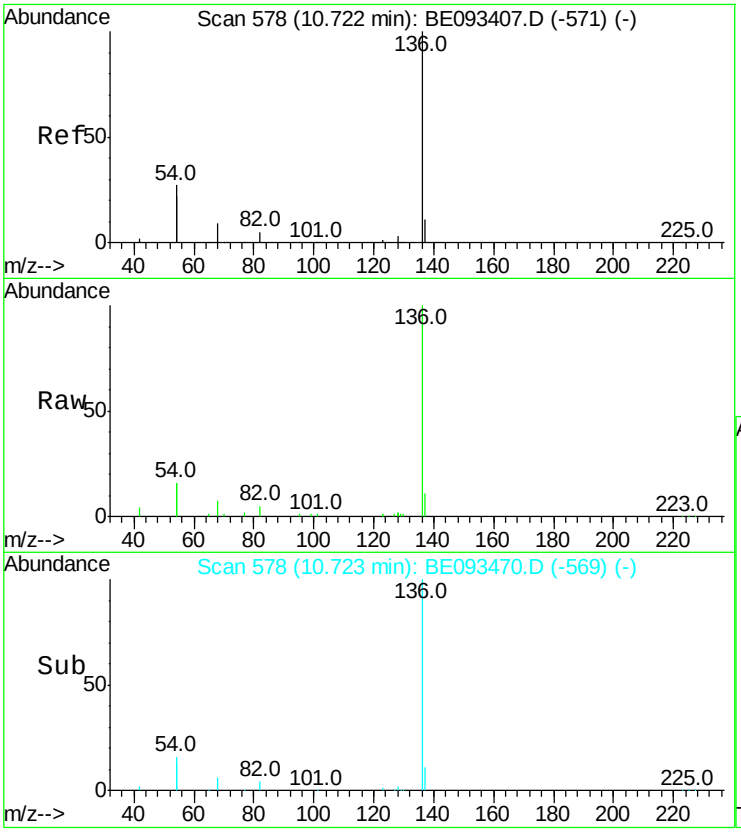


#5
Phenol-d6
Concen: 0.115 ng
RT: 7.09 min Scan# 336
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion: 99 Resp: 2240

Ion	Ratio	Lower	Upper
99	100		
42	23.2	0.0	0.0#
71	41.3	0.0	0.0#



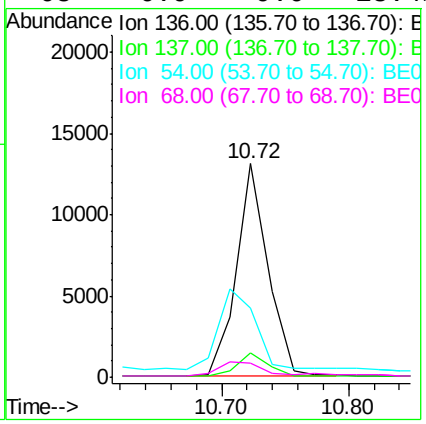


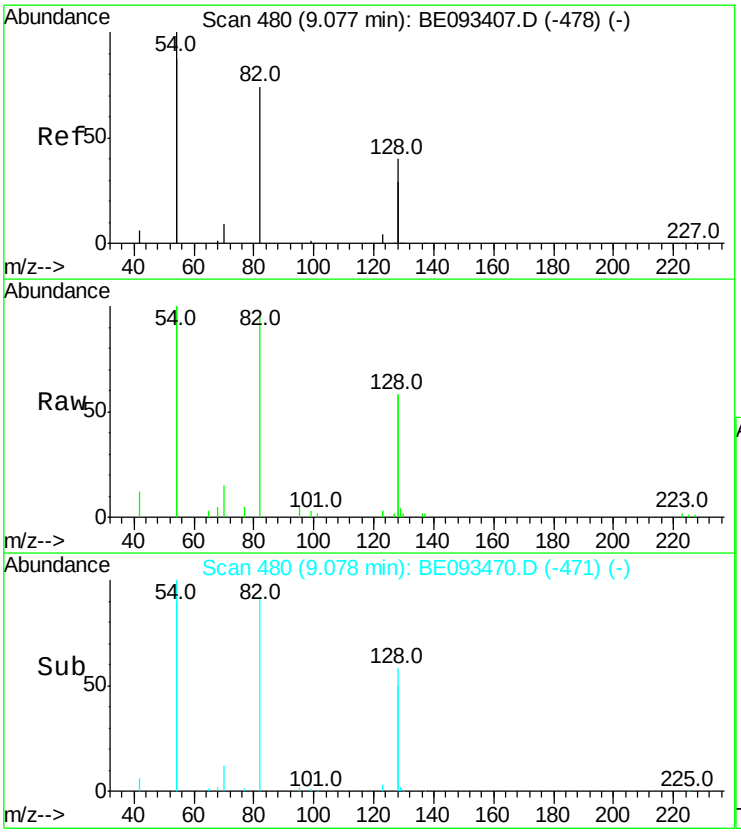
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.72 min Scan# 578
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:136 Resp: 22704

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	32.1	10.3	15.5#
68	6.9	9.0	13.4#

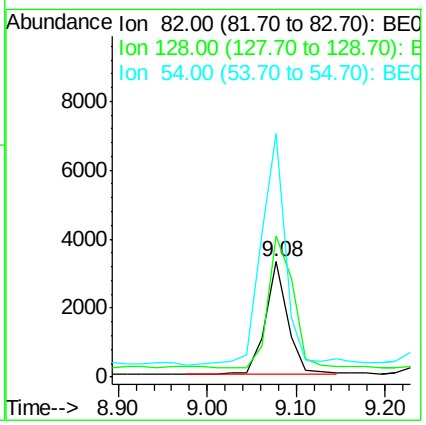


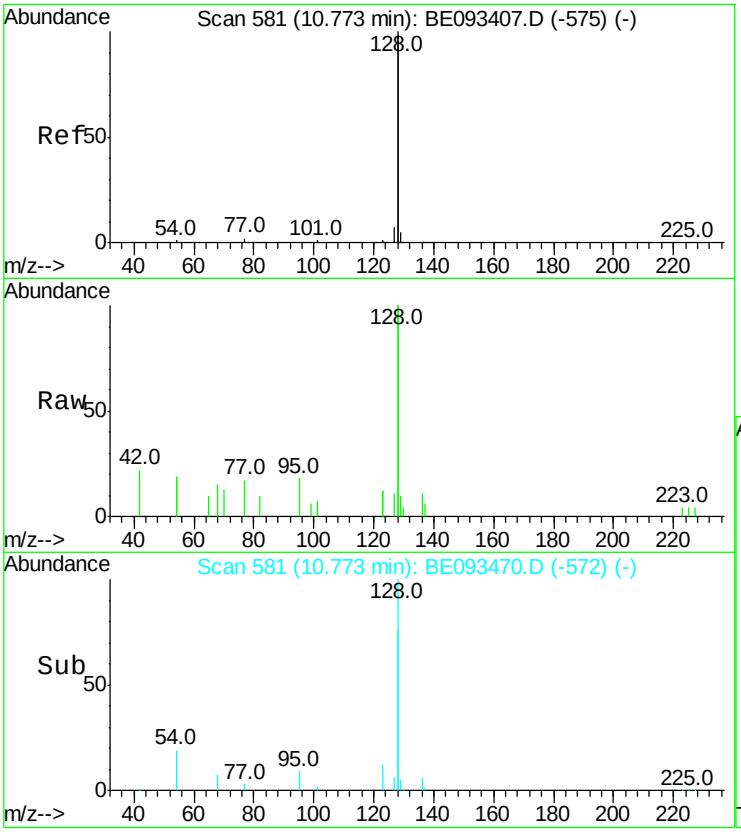


#8
Nitrobenzene-d5
Concen: 0.392 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion: 82 Resp: 5679

Ion	Ratio	Lower	Upper
82	100		
128	122.7	17.0	25.4#
54	210.8	53.8	80.6#



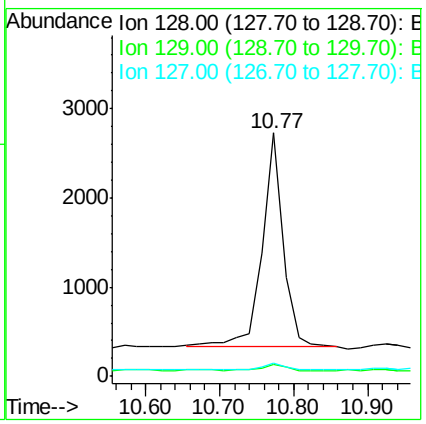


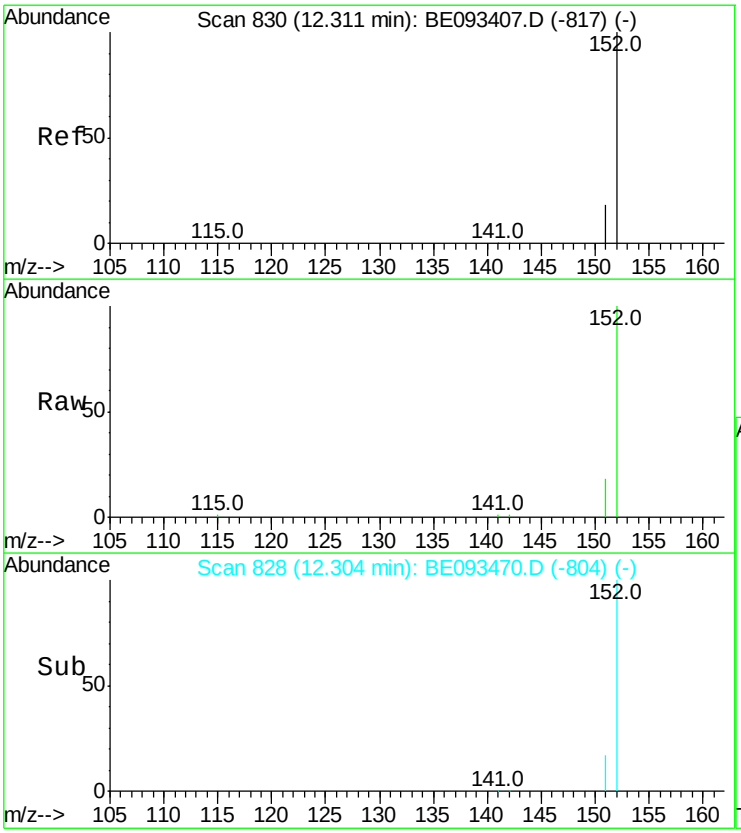
#9
Naphthalene
Concen: 0.020 ng
RT: 10.77 min Scan# 581
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:128 Resp: 4810

Ion	Ratio	Lower	Upper
128	100		
129	4.8	11.4	17.0#
127	5.5	11.2	16.8#

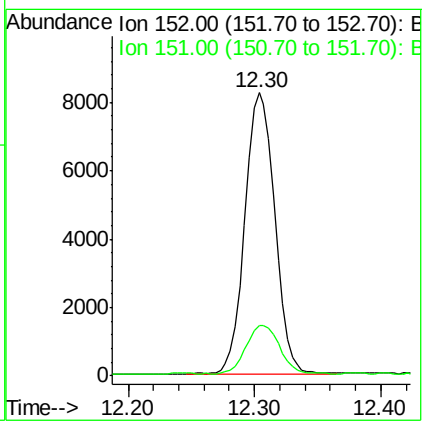


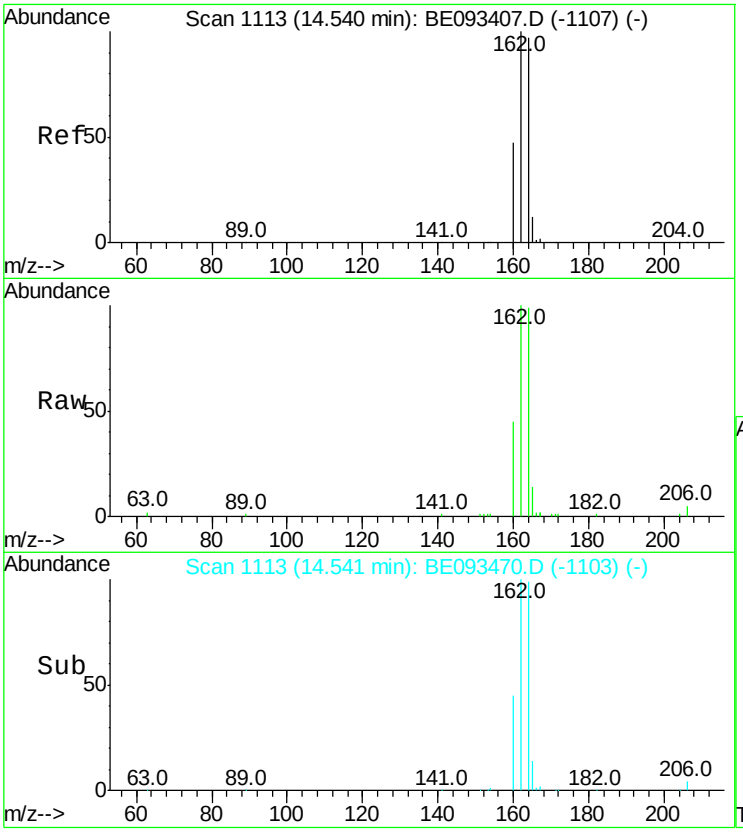


#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.30 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion:152 Resp: 13530

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7



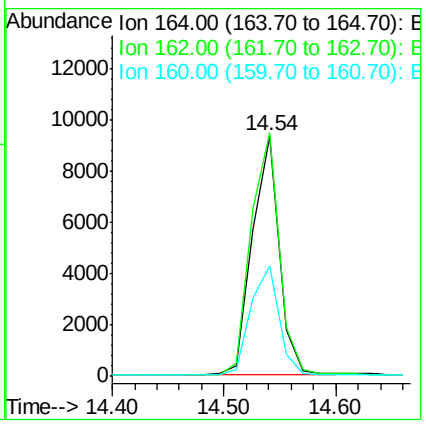


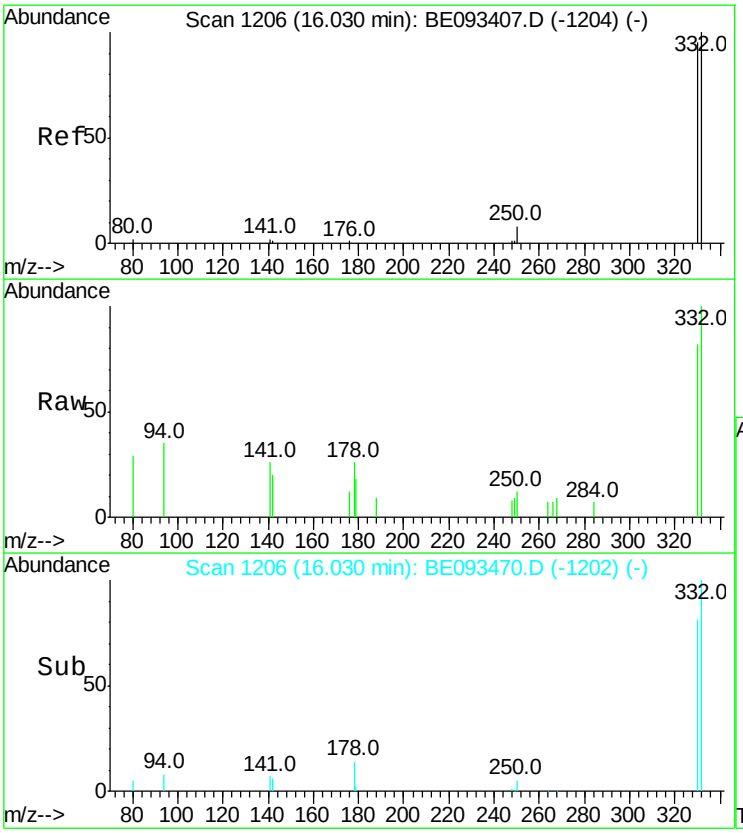
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:164 Resp: 15400

Ion	Ratio	Lower	Upper
164	100		
162	101.3	84.6	127.0
160	45.8	41.8	62.6

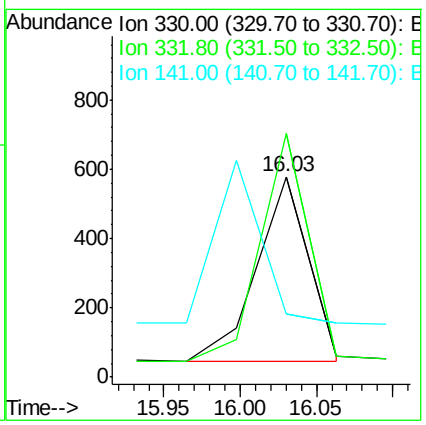


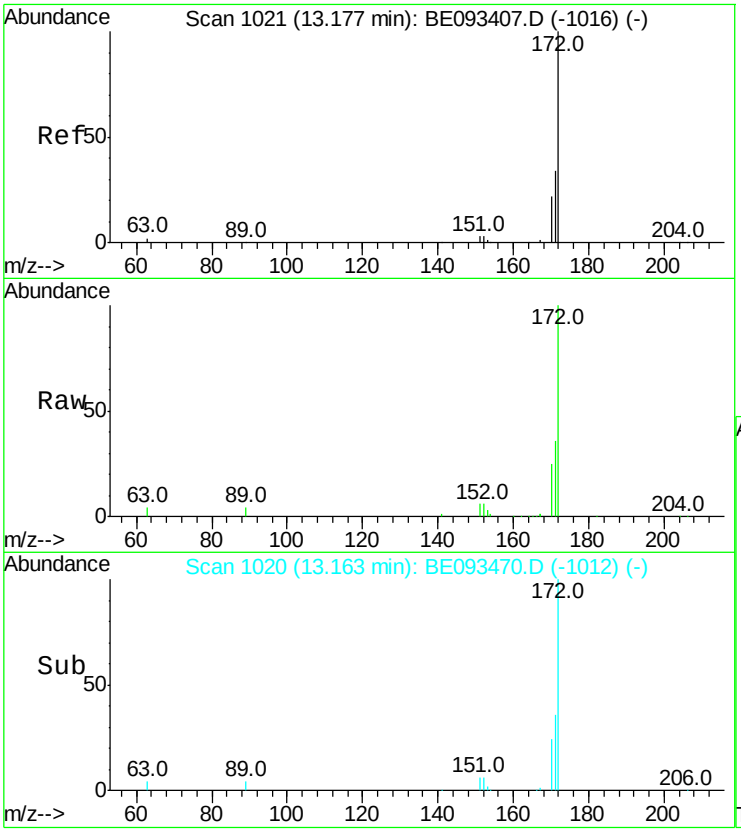


#14
2,4,6-Tribromophenol
Concen: 0.259 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion:330 Resp: 1254

Ion	Ratio	Lower	Upper
330	100		
332	113.6	77.7	116.5
141	0.0	56.2	84.4#



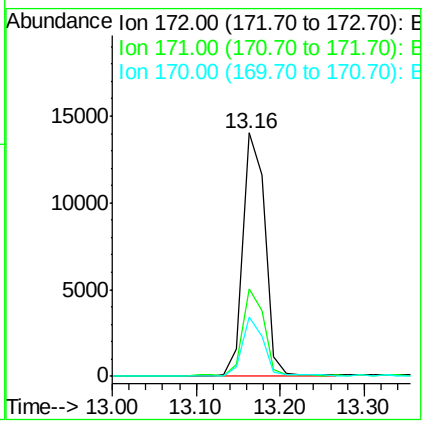


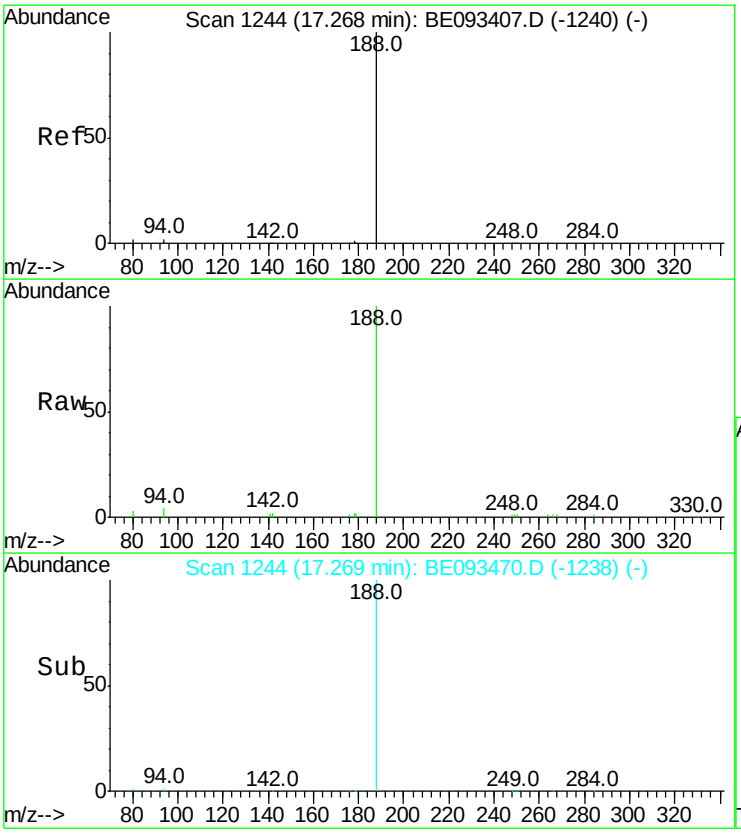
#15
2-Fluorobiphenyl
Concen: 0.424 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:172 Resp: 25351

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.6	20.7	31.1

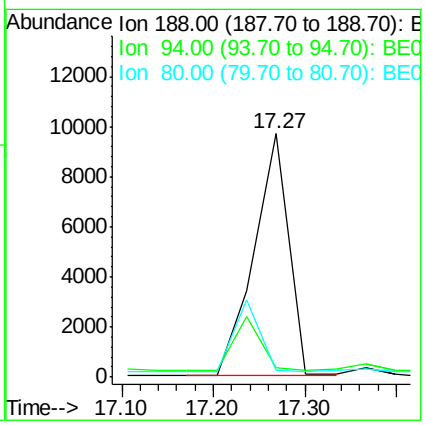


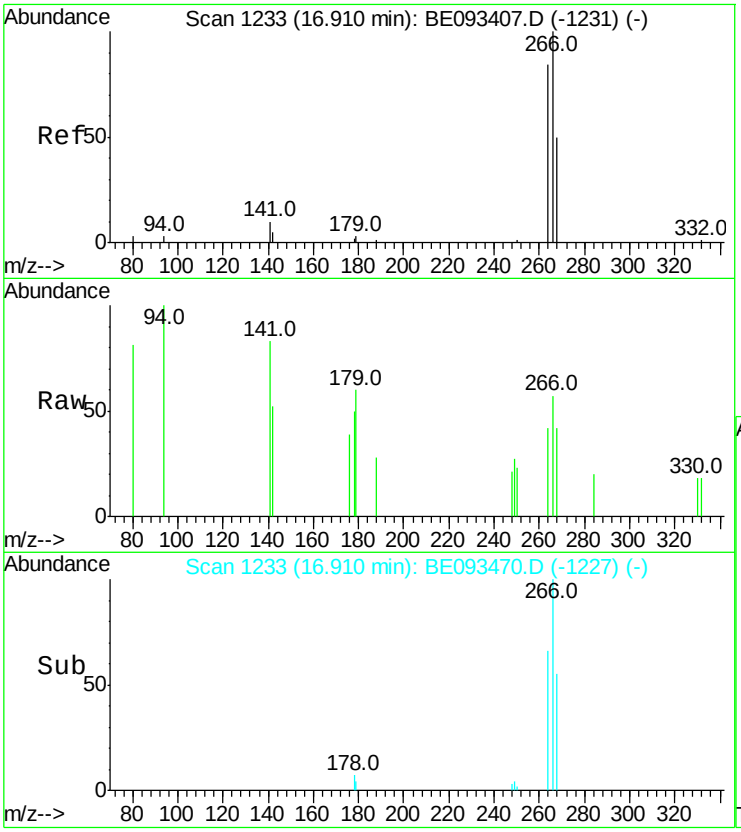


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion:188 Resp: 25660

Ion	Ratio	Lower	Upper
188	100		
94	3.8	11.3	16.9#
80	3.0	11.7	17.5#



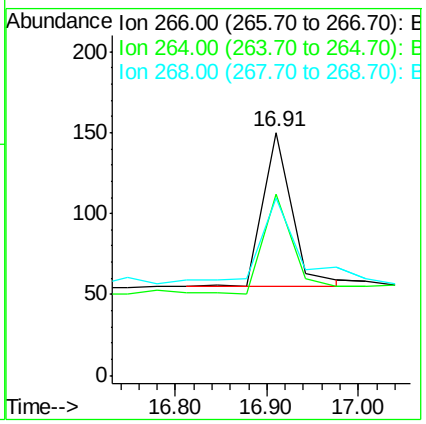


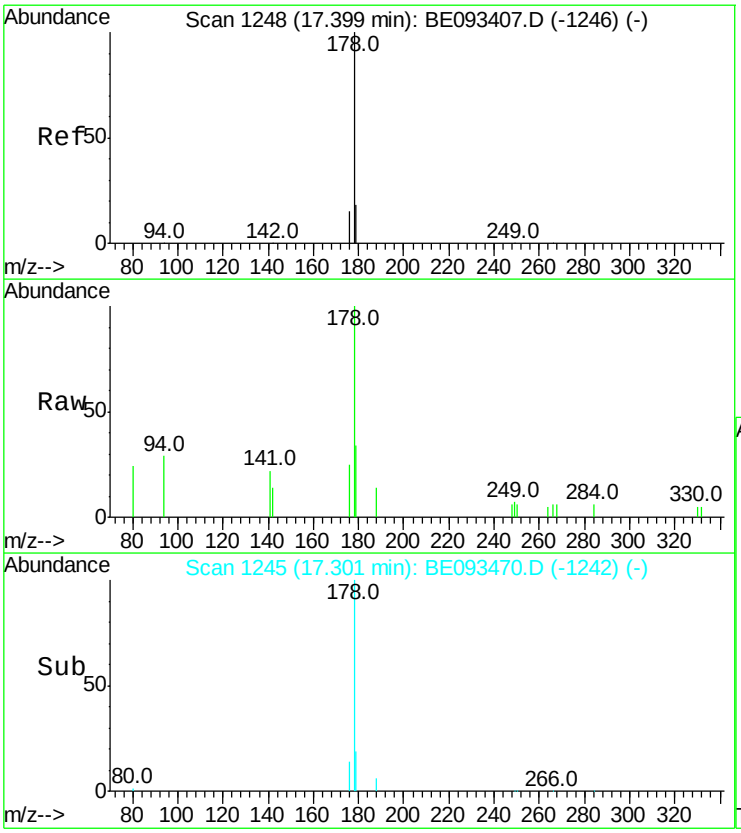
#22
Pentachlorophenol
Concen: 0.059 ng
RT: 16.91 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:266 Resp: 211

Ion	Ratio	Lower	Upper
266	100		
264	74.7	58.2	87.2
268	73.3	71.9	107.9

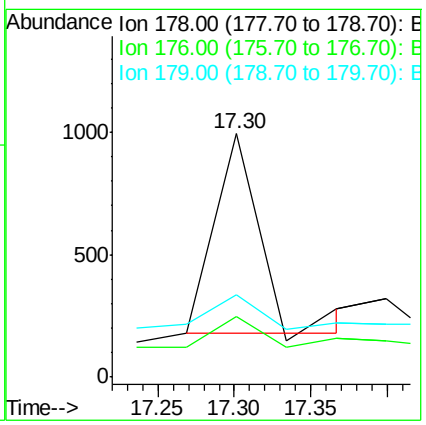


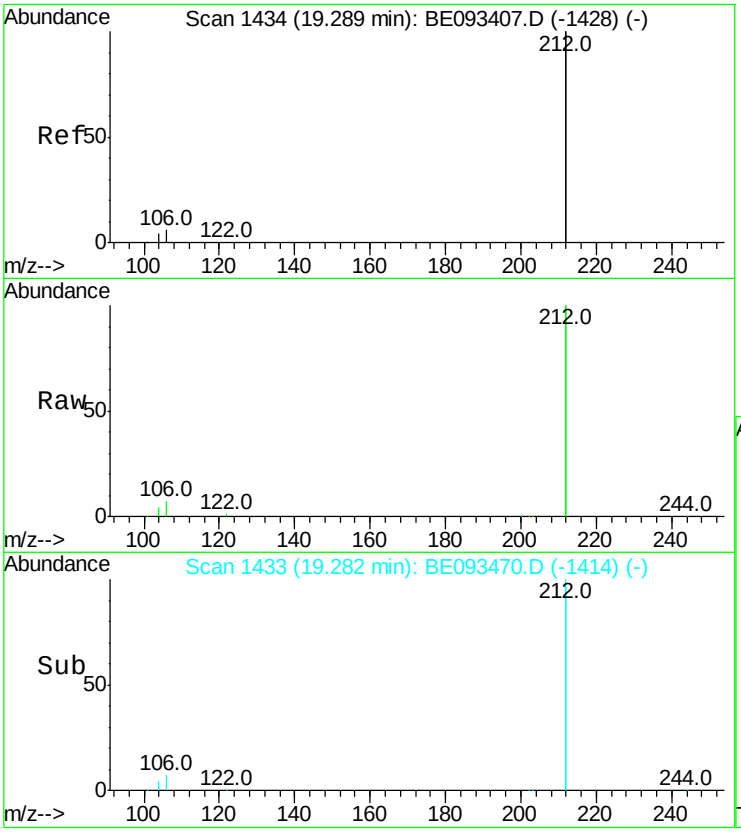


#24
Anthracene
Concen: 0.030 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion:178 Resp: 1719

Ion	Ratio	Lower	Upper
178	100		
176	21.8	14.6	22.0
179	11.8	12.0	18.0#



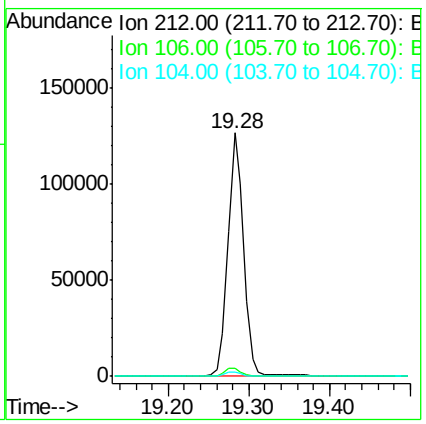


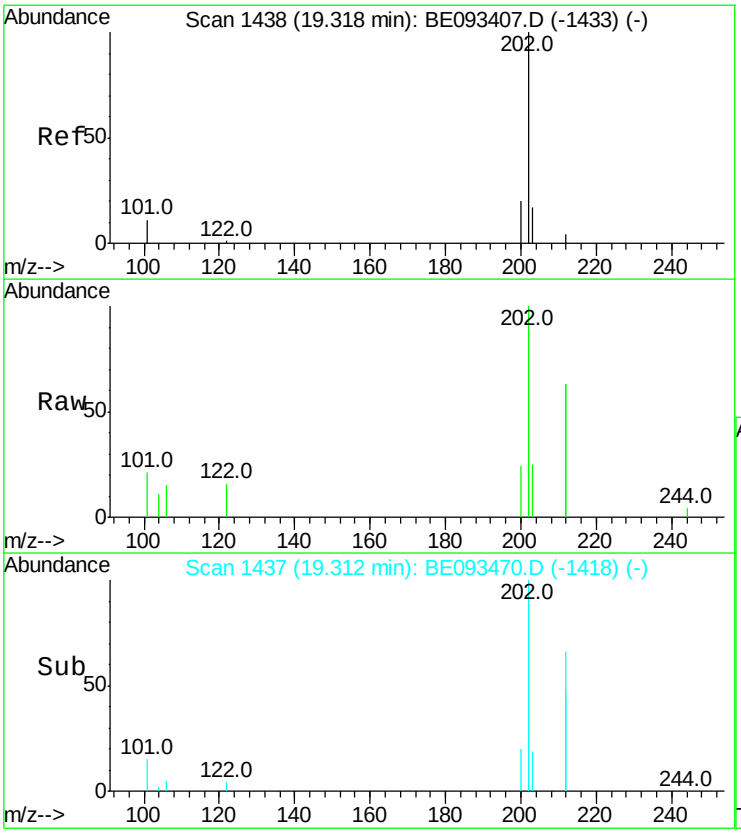
#25
Fluoranthene-d10
Concen: 0.545 ng
RT: 19.28 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:212 Resp: 168615

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4

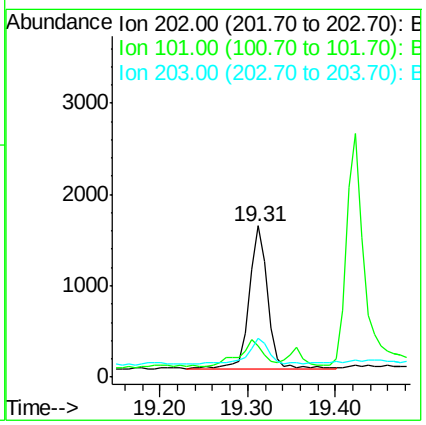


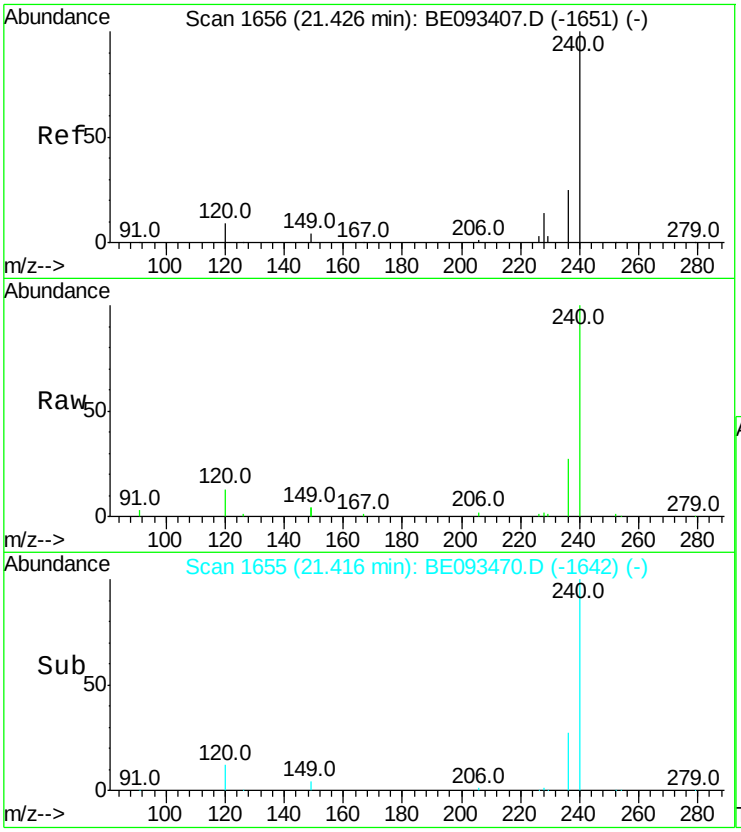


#26
Fluoranthene
Concen: 0.027 ng
RT: 19.31 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion:202 Resp: 2332

Ion	Ratio	Lower	Upper
202	100		
101	25.0	9.6	14.4#
203	16.5	14.4	21.6



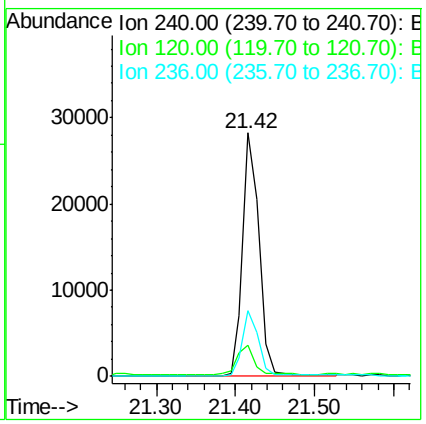


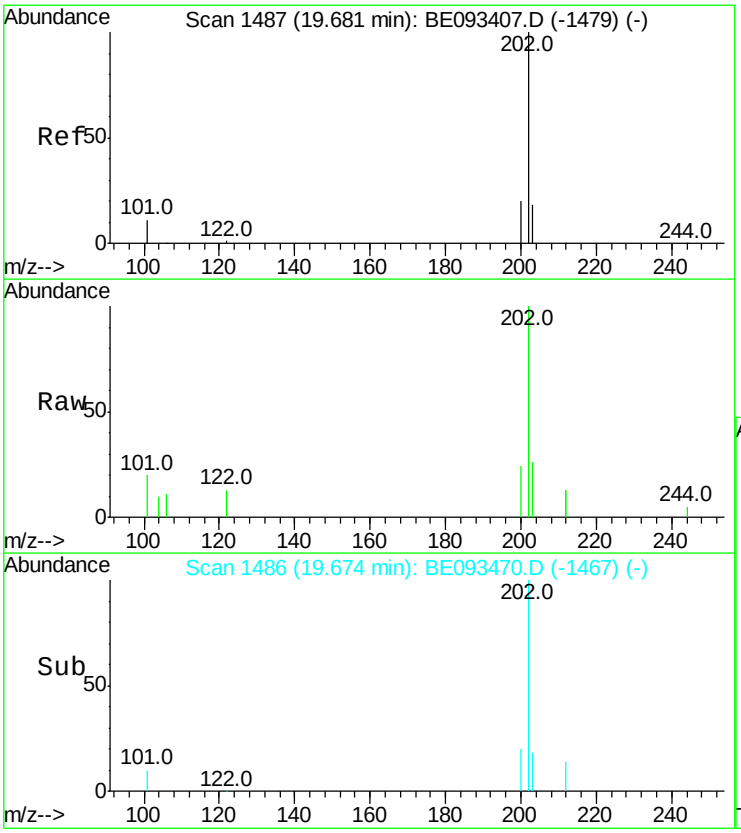
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:240 Resp: 40615

Ion	Ratio	Lower	Upper
240	100		
120	12.8	4.6	7.0#
236	26.9	20.8	31.2

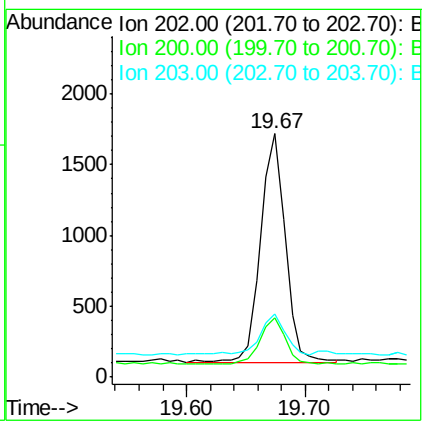


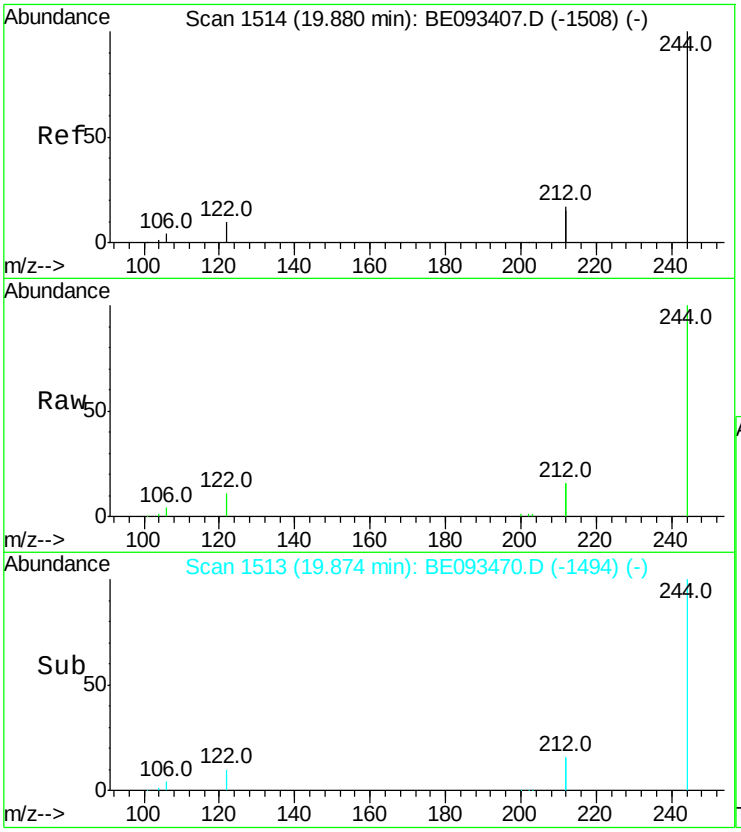


#28
Pyrene
Concen: 0.021 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion:202 Resp: 2345

Ion	Ratio	Lower	Upper
202	100		
200	21.0	0.0	0.0#
203	18.9	13.7	20.5



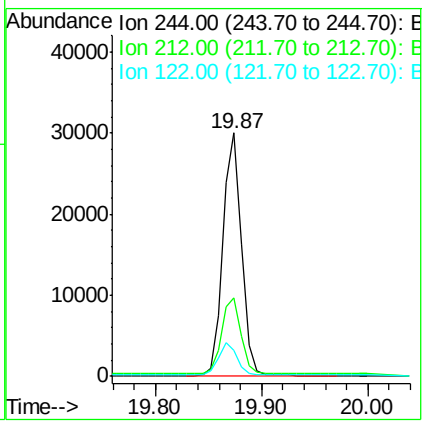


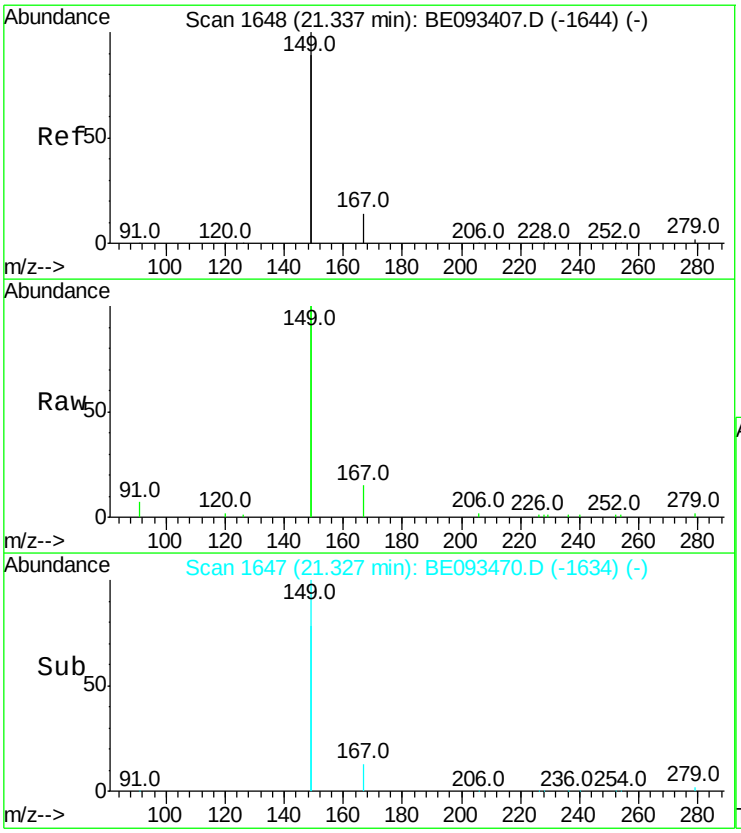
#29
Terphenyl-d14
Concen: 0.510 ng
RT: 19.87 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:244 Resp: 37013

Ion	Ratio	Lower	Upper
244	100		
212	32.3	10.6	16.0#
122	10.7	15.4	23.0#

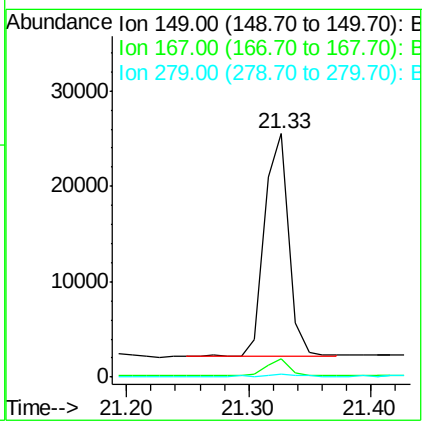


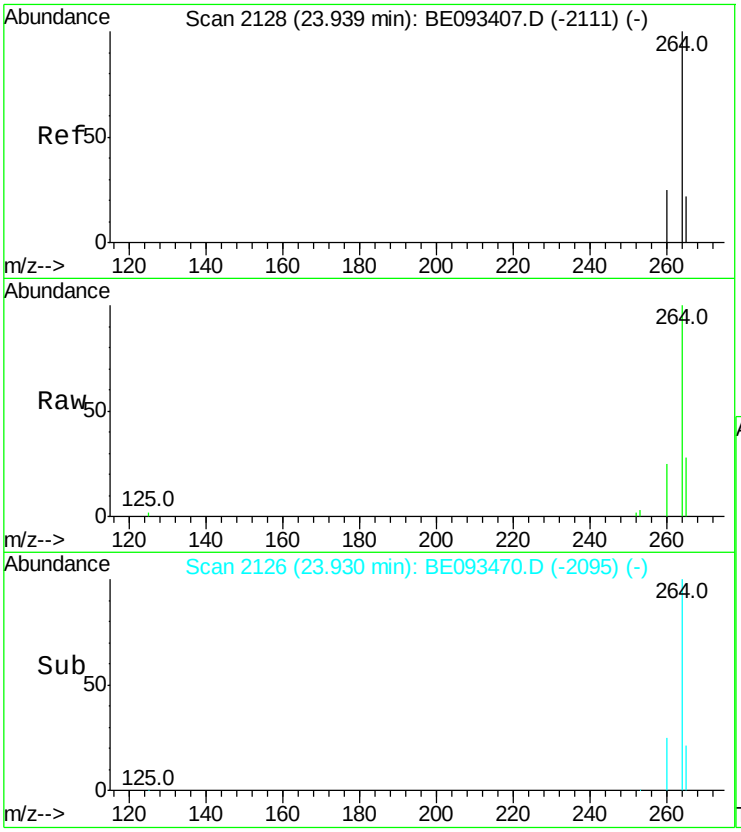


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.205 ng
RT: 21.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Tgt Ion:149 Resp: 32391

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	1.0	2.2	3.4#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BE093470.D
Acq: 14 Jul 2017 14:09

Instrument :
BNA_E
ClientSampleId :
LF-MW-54BR-20170710

Tgt Ion:264 Resp: 34272

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	27.6	24.6	36.8