Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
Data File : BE096252.D
Acq On : 1 May 2018 11:27
Operator : SJ/JU
Sample : J2464-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LF017MW001-180417

Quant Time: May 02 02:22:12 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	770	0.40	ng		0.00
7) Naphthalene-d8	11.19	136	2956	0.40	ng		0.00
13) Acenaphthene-d10	14.94	164	1578	0.40	ng		0.00
19) Phenanthrene-d10	17.65	188	3862	0.40	ng		0.00
27) Chrysene-d12	21.74	240	3894	0.40	ng		0.00
34) Perylene-d12	24.35	264	3690	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.87	112	487	0.20	ng		0.00
5) Phenol-d6	7.51	99	410	0.12	ng		0.00
8) Nitrobenzene-d5	9.54	82	1450	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.73	152	1794	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.41	330	307	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.57	172	2980	0.44	ng		0.00
25) Fluoranthene-d10	19.64	212	20665	0.39	ng		0.00
29) Terphenyl-d14	20.19	244	3381	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	1654	1.391	ng		95
17) Acenaphthene	15.00	154	119	0.024	ng	#	92
22) Pentachlorophenol	17.31	266	132	0.261	ng		86
32) Bis(2-ethylhexyl)phthalate	21.60	149	2484	0.077	ng	#	98

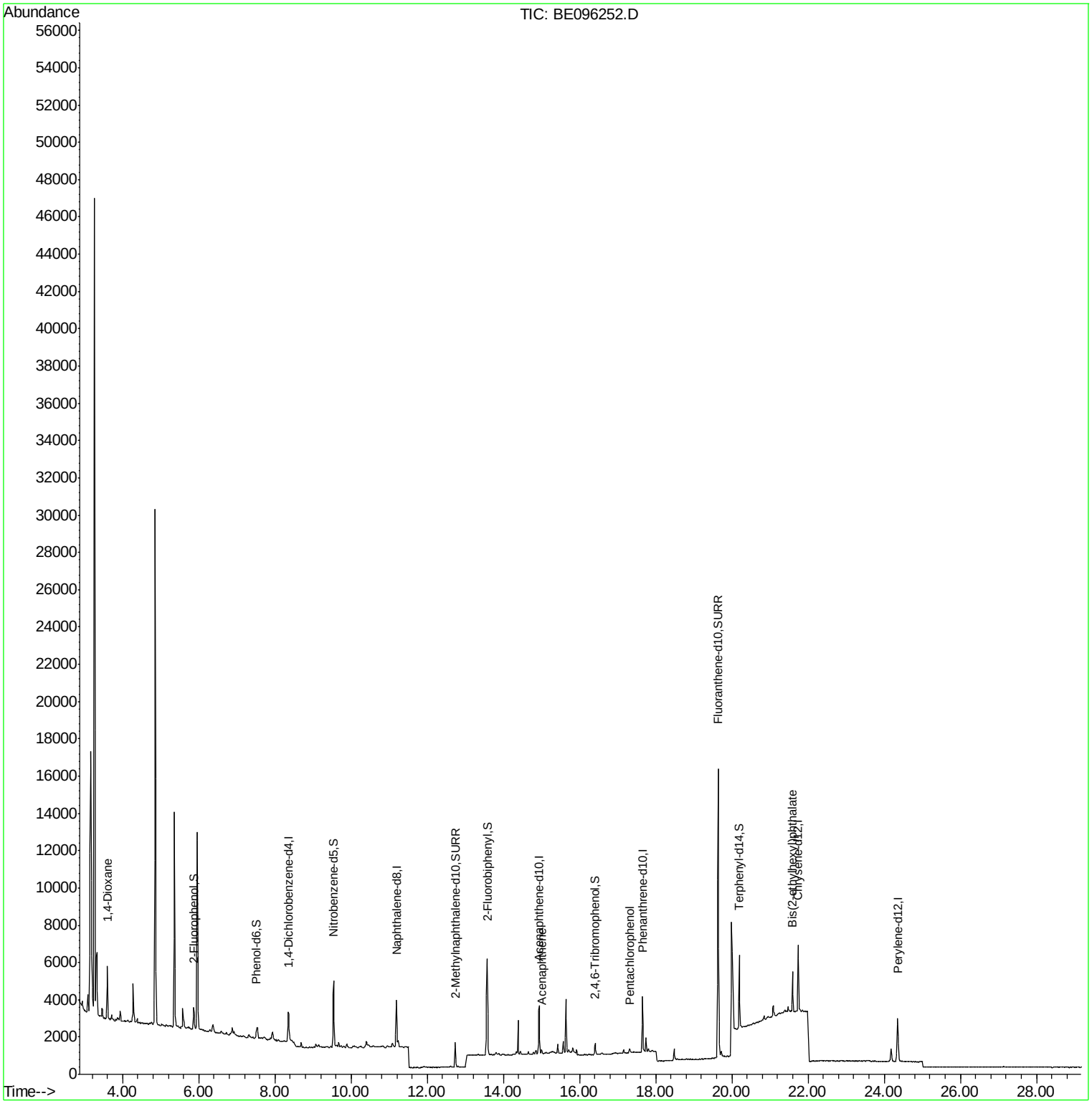
(#) = qualifier out of range (m) = manual integration (+) = signals summed

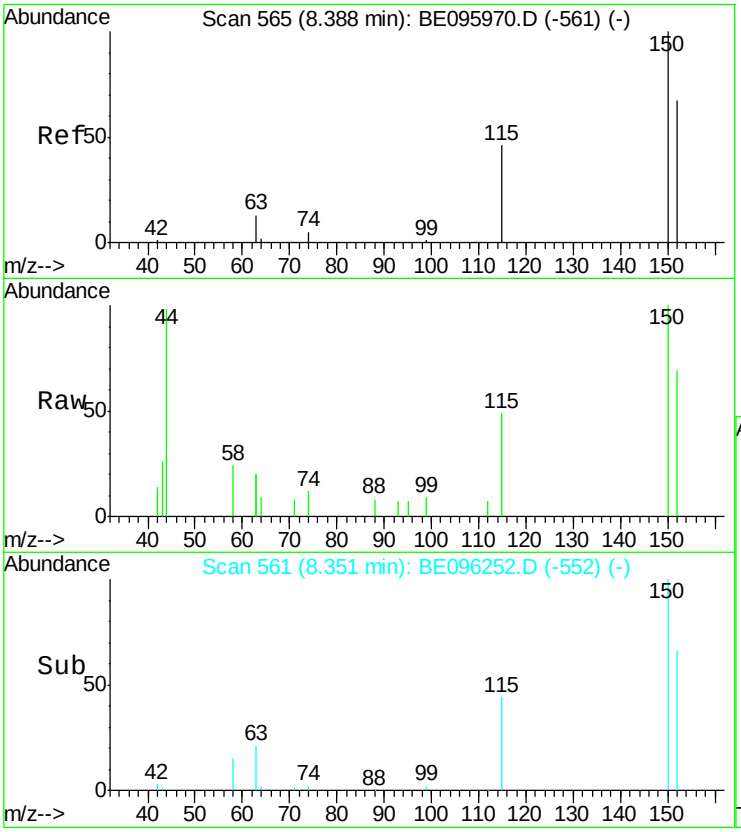
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
Data File : BE096252.D
Acq On : 1 May 2018 11:27
Operator : SJ/JU
Sample : J2464-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Quant Time: May 02 02:22:12 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration



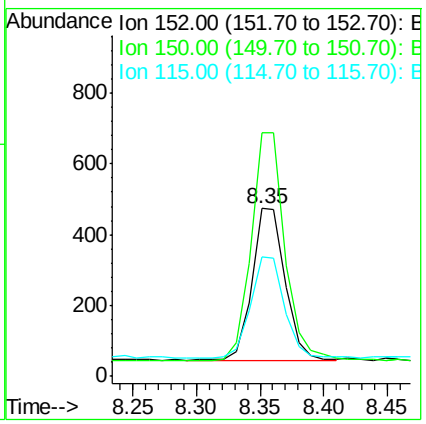


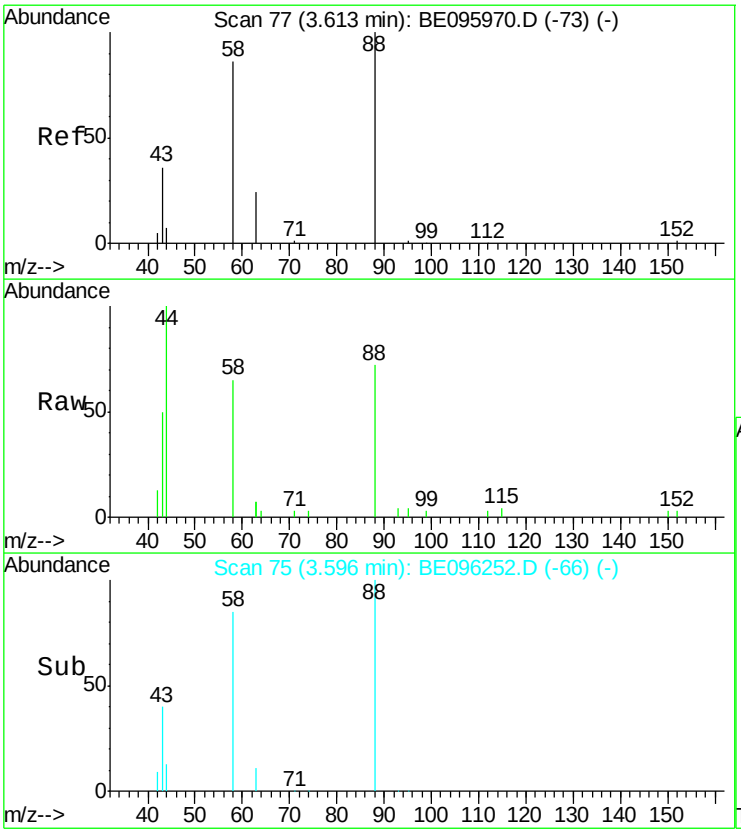
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. -0.01 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:152 Resp: 770

Ion	Ratio	Lower	Upper
152	100		
150	145.5	117.2	175.8
115	71.5	57.0	85.6

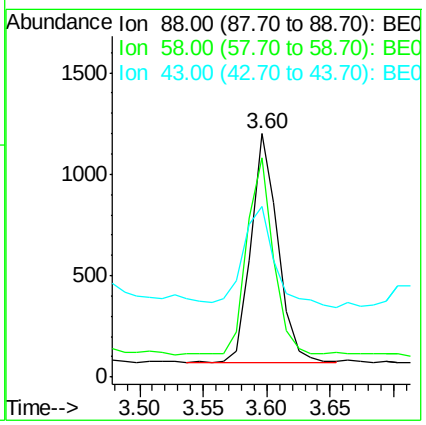


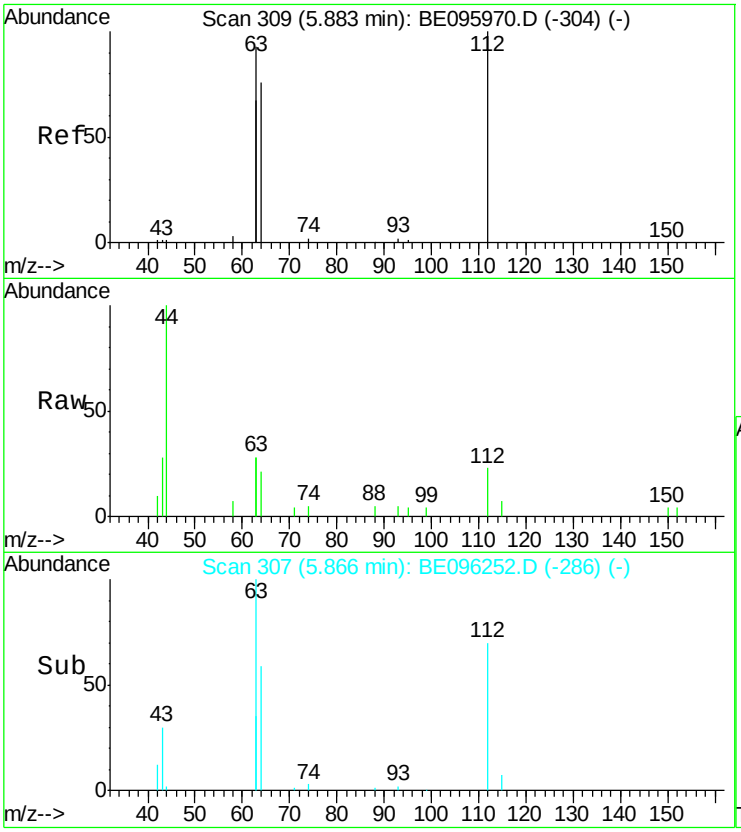


#2
1,4-Dioxane
Concen: 1.391 ng
RT: 3.60 min Scan# 75
Delta R.T. -0.01 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion: 88 Resp: 1654

Ion	Ratio	Lower	Upper
88	100		
58	85.1	63.2	94.8
43	52.3	41.2	61.8



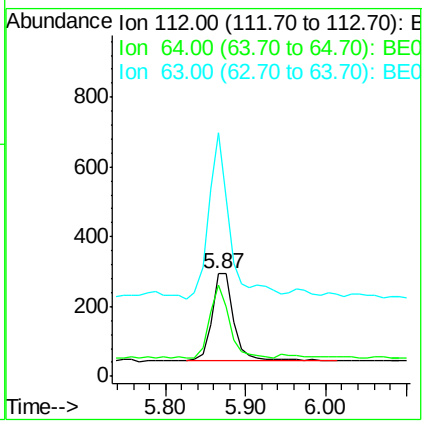


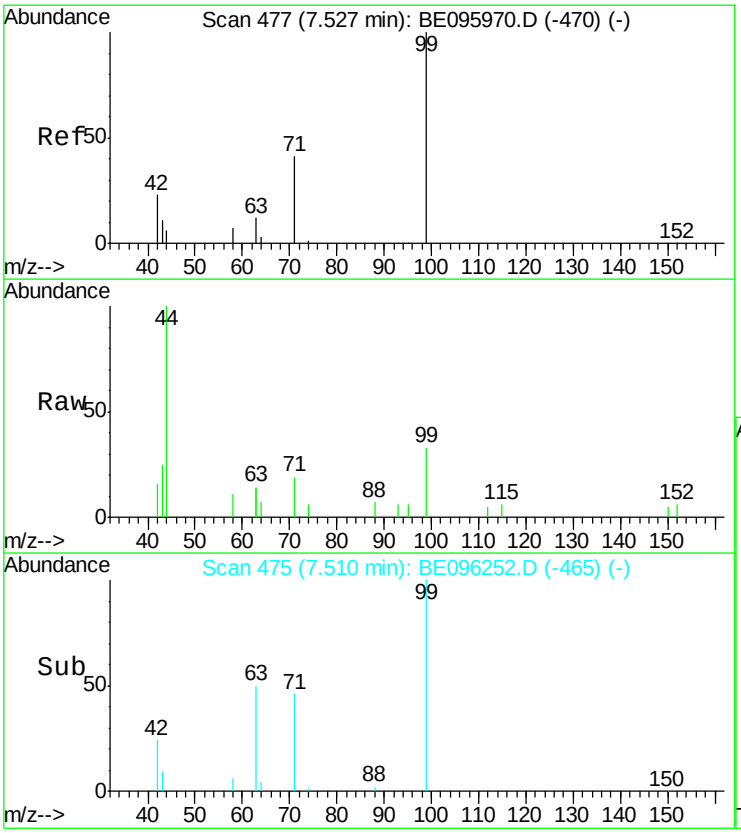
#4
2-Fluorophenol
Concen: 0.204 ng
RT: 5.87 min Scan# 307
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:112 Resp: 487

Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	178.9	116.8	175.2#

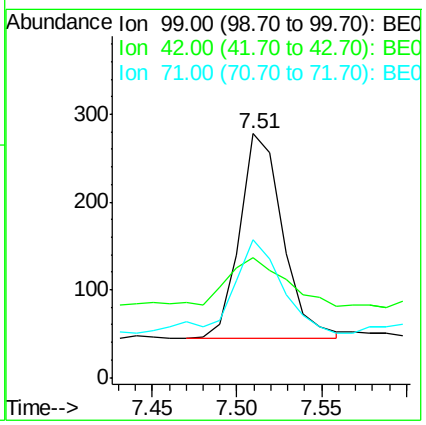


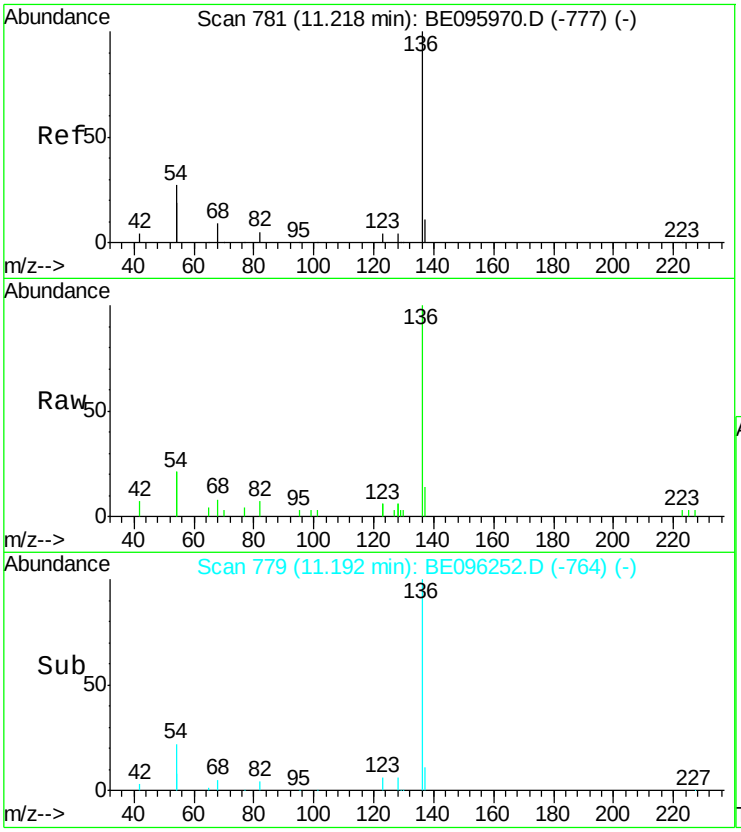


#5
Phenol-d6
Concen: 0.125 ng
RT: 7.51 min Scan# 475
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion: 99 Resp: 410

Ion	Ratio	Lower	Upper
99	100		
42	32.0	20.2	30.2#
71	53.4	28.4	42.6#



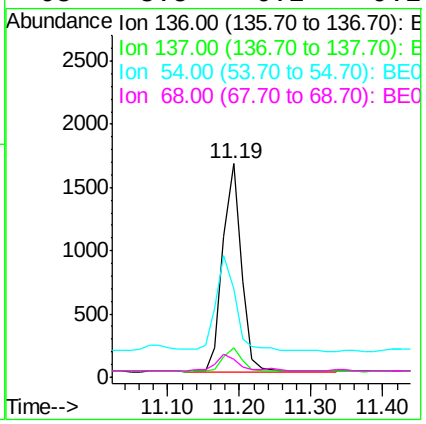


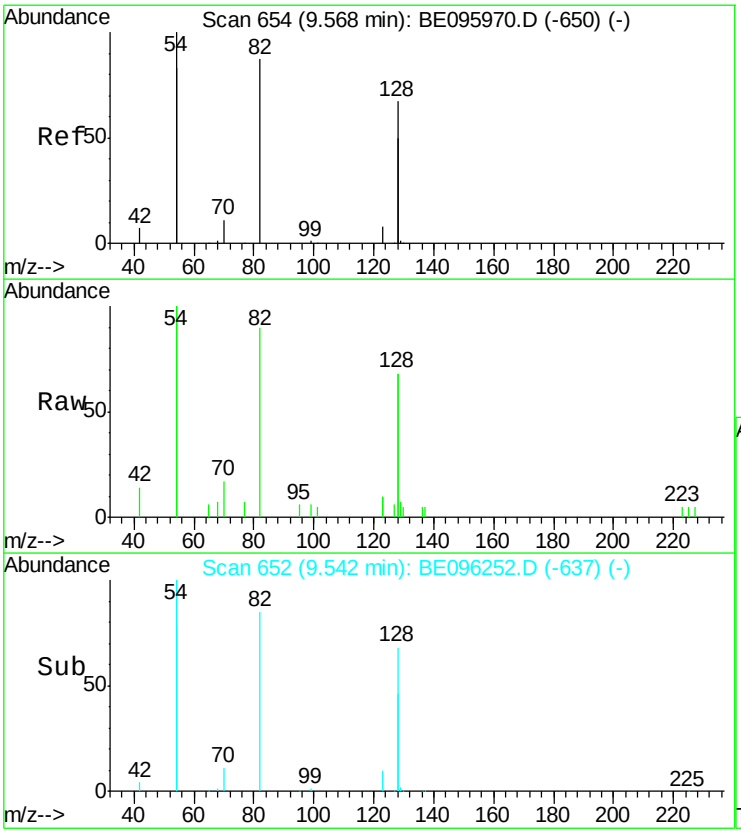
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.19 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:136 Resp: 2956

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.5	14.3
54	41.6	29.1	43.7
68	8.5	6.2	9.2

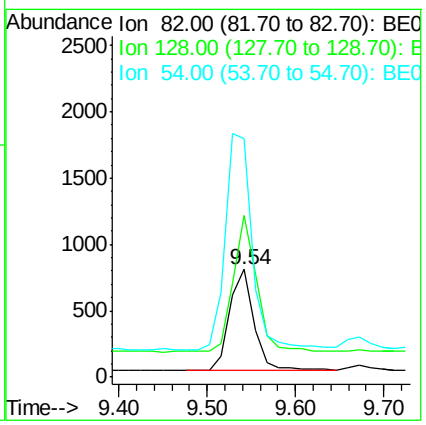


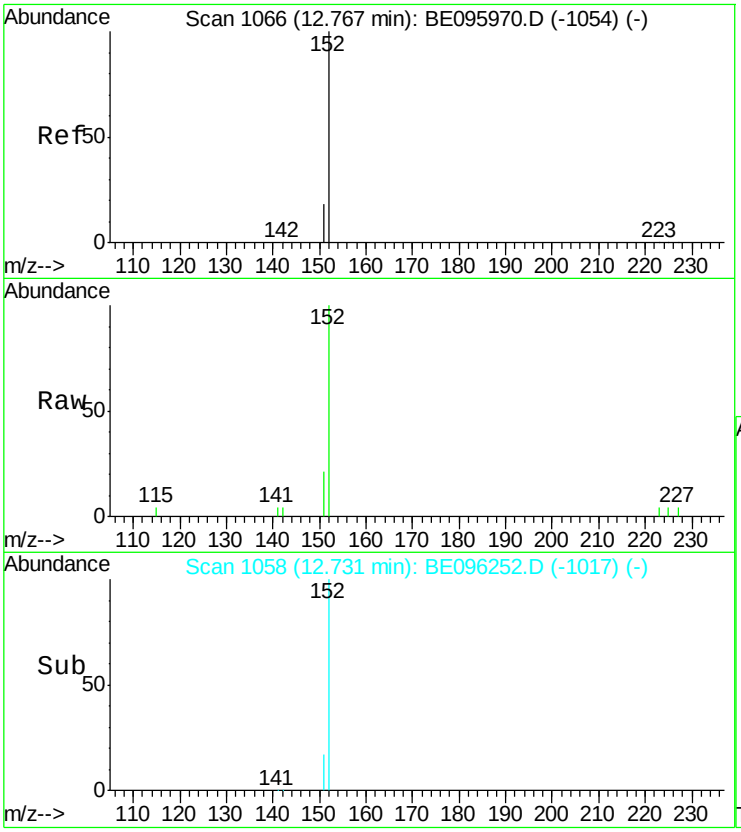


#8
Nitrobenzene-d5
Concen: 0.418 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion: 82 Resp: 1450

Ion	Ratio	Lower	Upper
82	100		
128	150.0	150.0	225.0
54	221.7	154.2	231.4



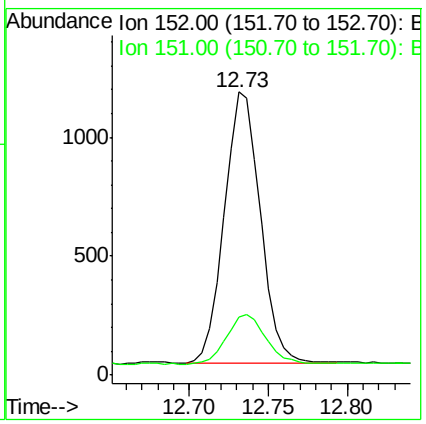


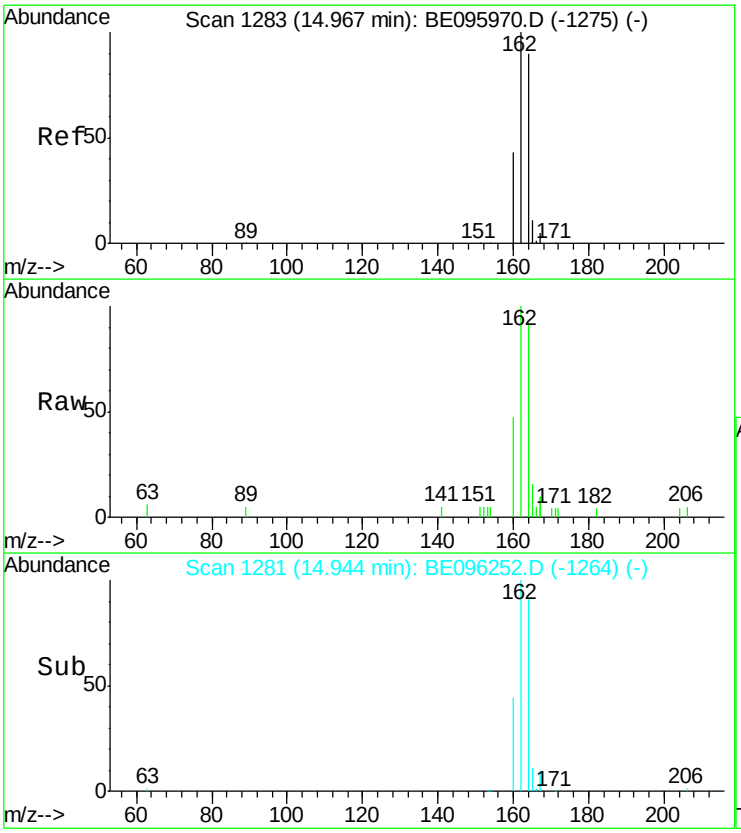
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.73 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:152 Resp: 1794

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0

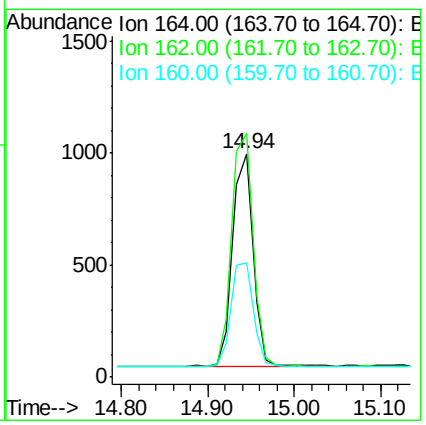


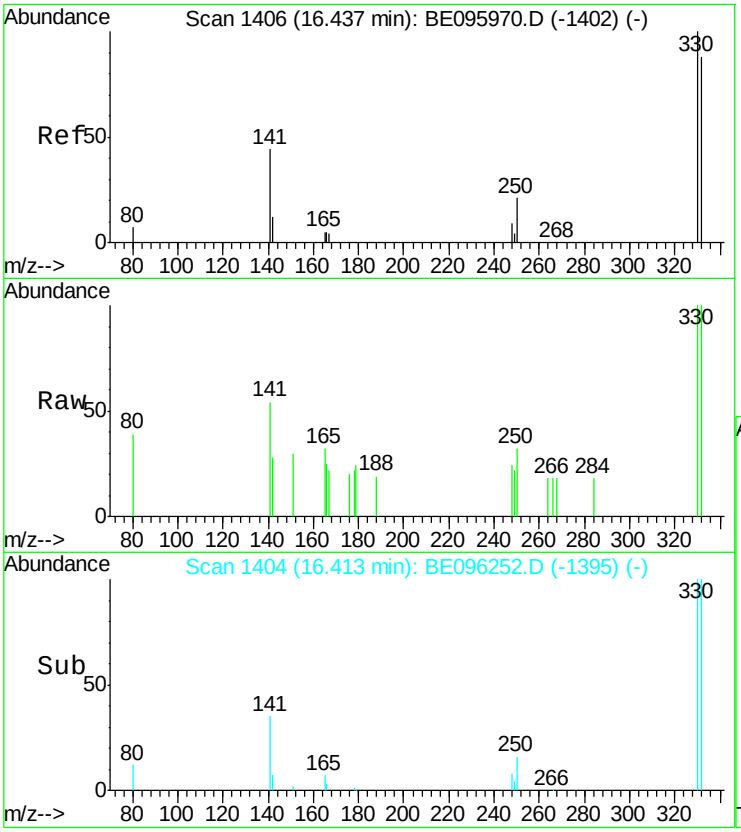


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion:164 Resp: 1578

Ion	Ratio	Lower	Upper
164	100		
162	108.8	83.1	124.7
160	50.9	37.1	55.7



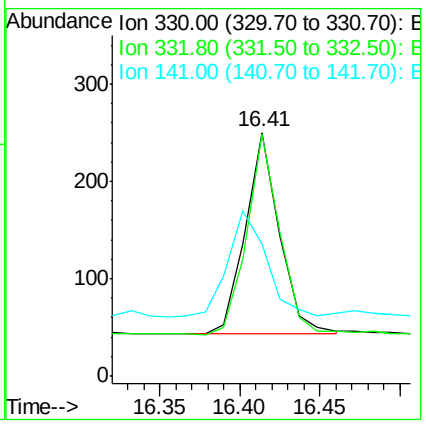


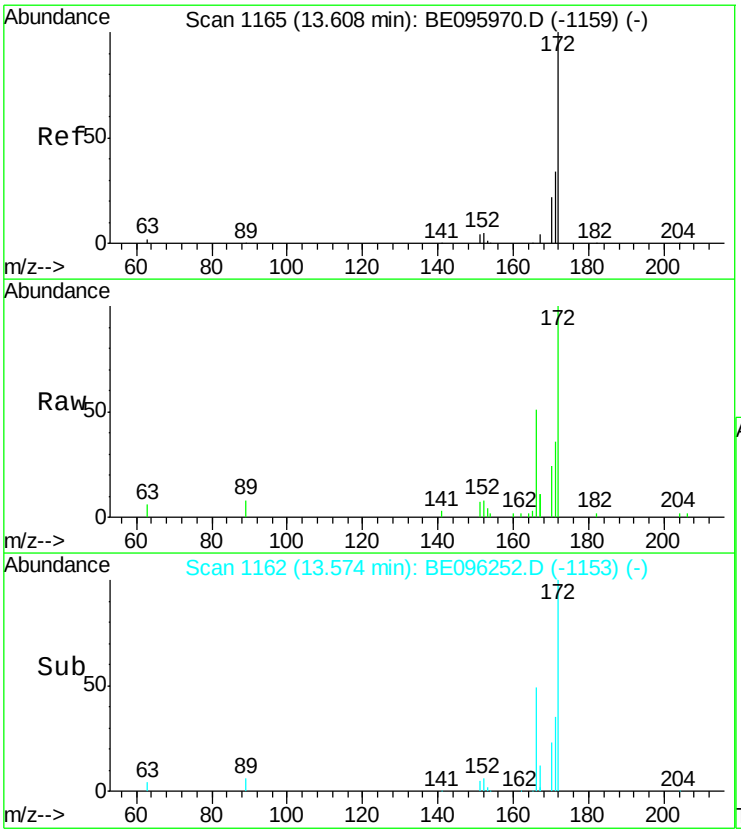
#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:330 Resp: 307

Ion	Ratio	Lower	Upper
330	100		
332	95.4	152.7	229.1#
141	58.3	33.7	50.5#

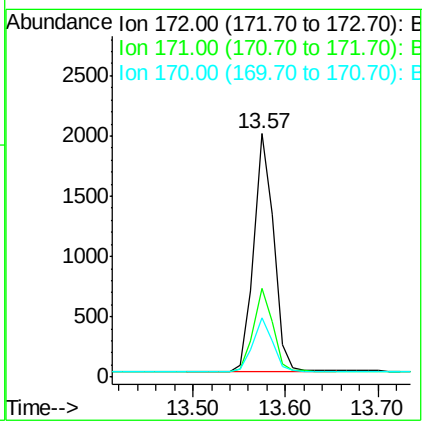


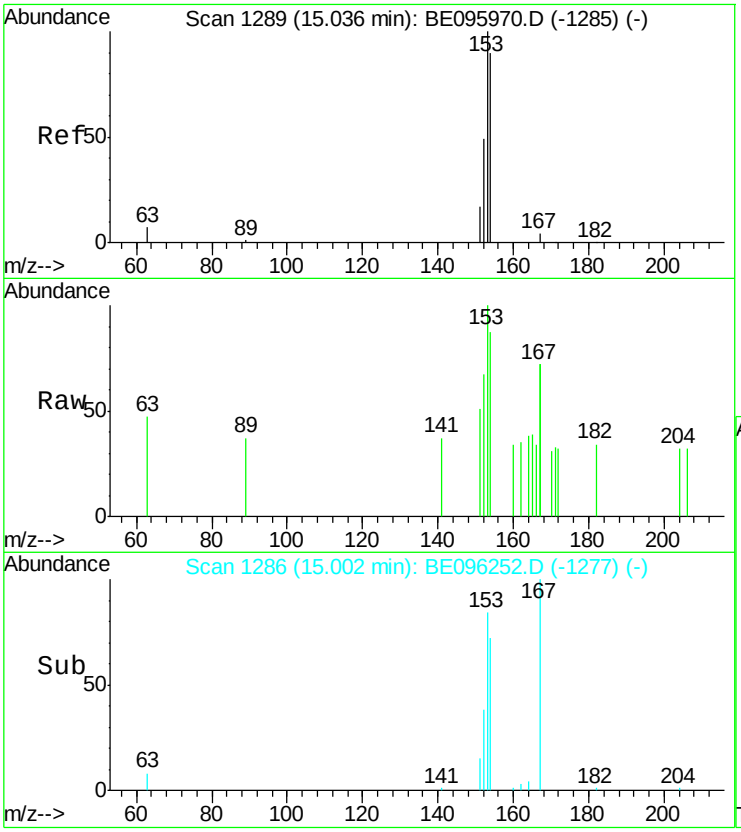


#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion:172 Resp: 2980

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.2	21.8	32.8



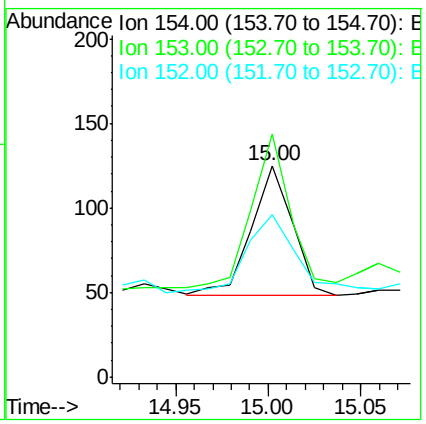


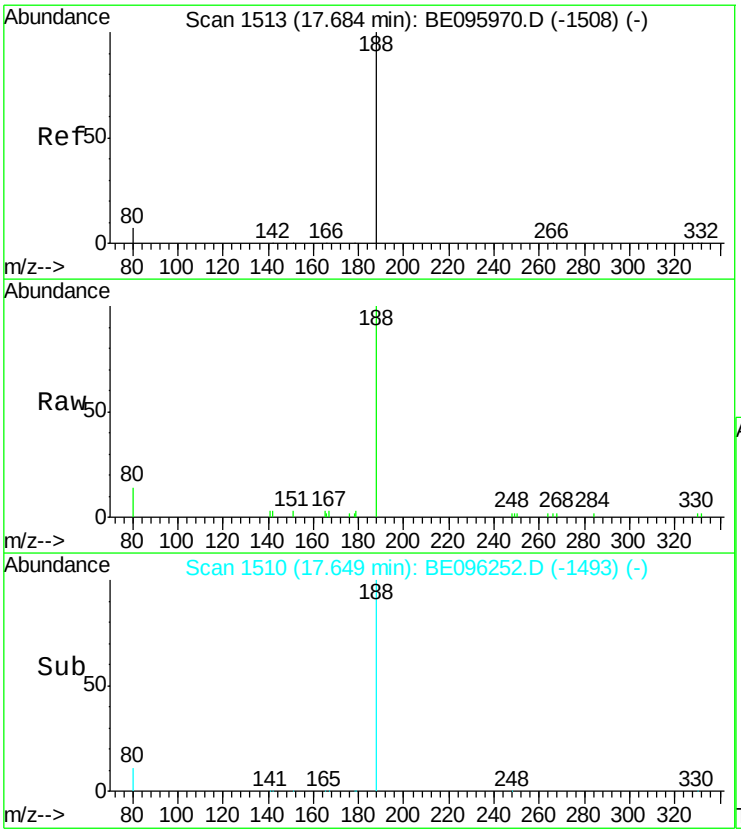
#17
Acenaphthene
Concen: 0.024 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:154 Resp: 119

Ion	Ratio	Lower	Upper
154	100		
153	109.2	89.2	133.8
152	67.2	42.0	63.0#

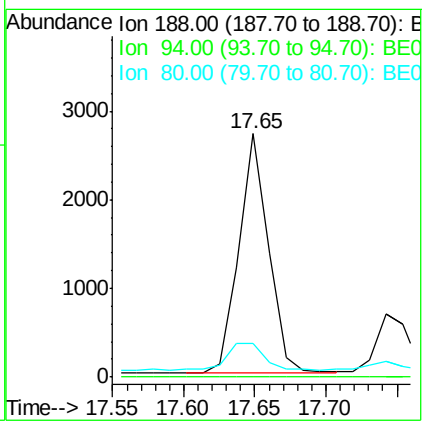


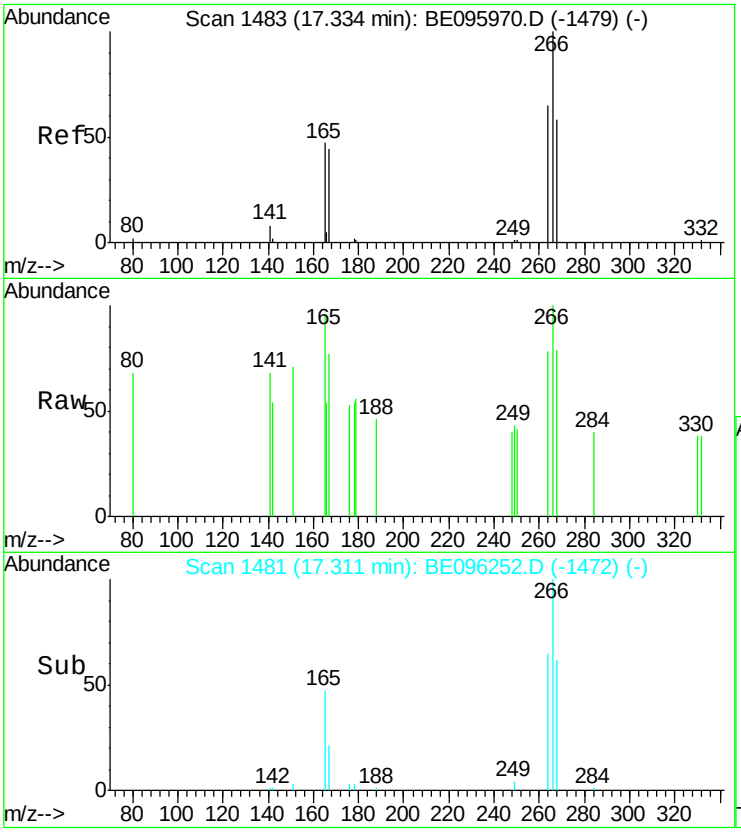


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion:188 Resp: 3862

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.1	3.6	5.4#



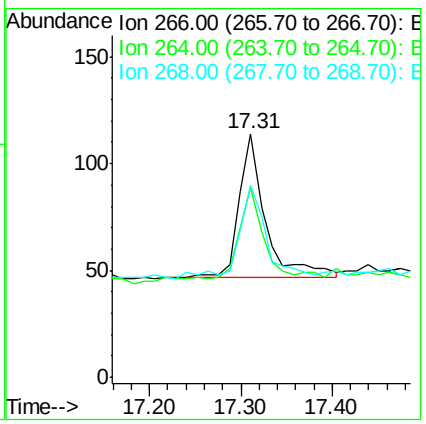


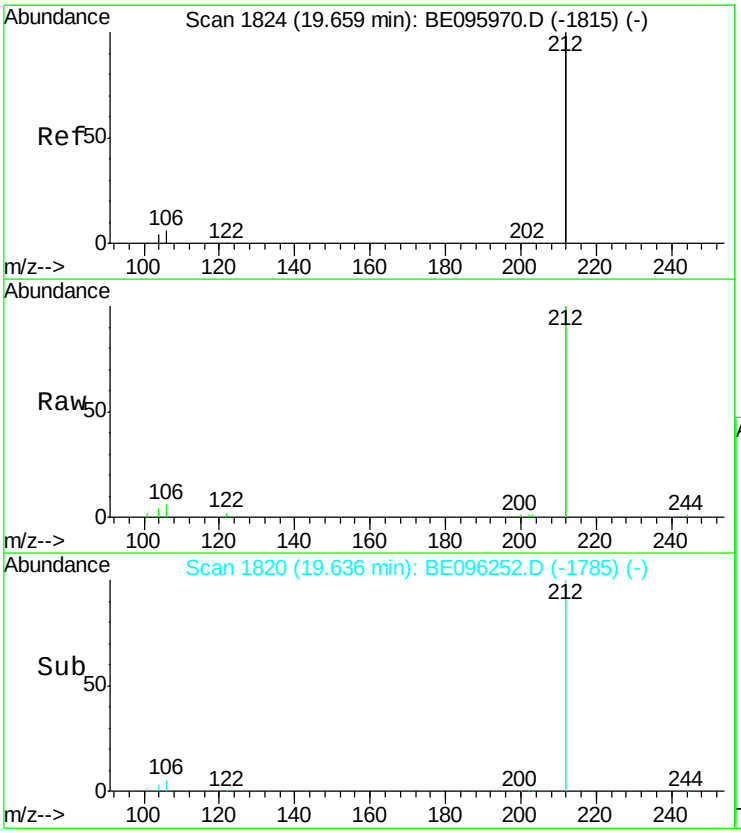
#22
Pentachlorophenol
Concen: 0.261 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:266 Resp: 132

Ion	Ratio	Lower	Upper
266	100		
264	78.1	72.5	108.7
268	78.9	73.8	110.6

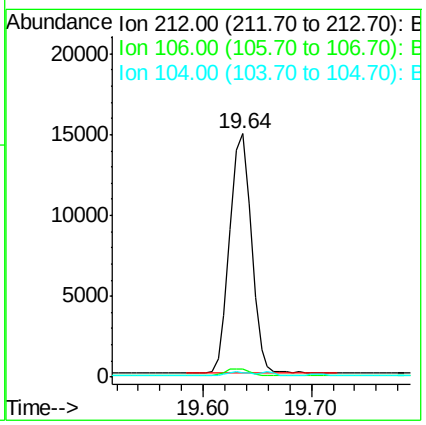


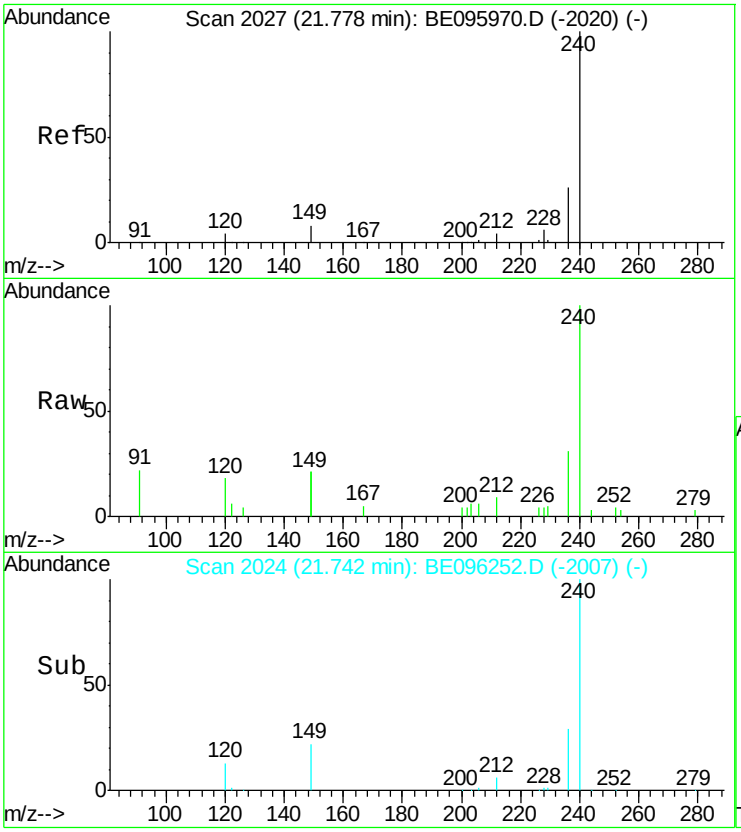


#25
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.64 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion:212 Resp: 20665

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	2.0	1.6	2.4



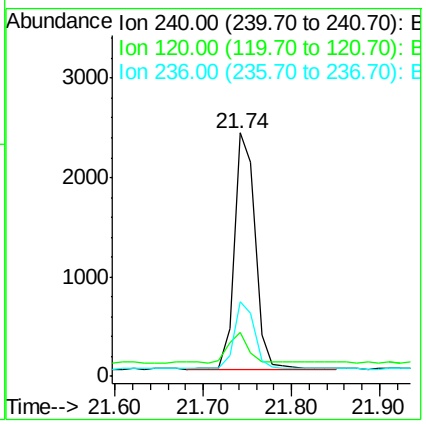


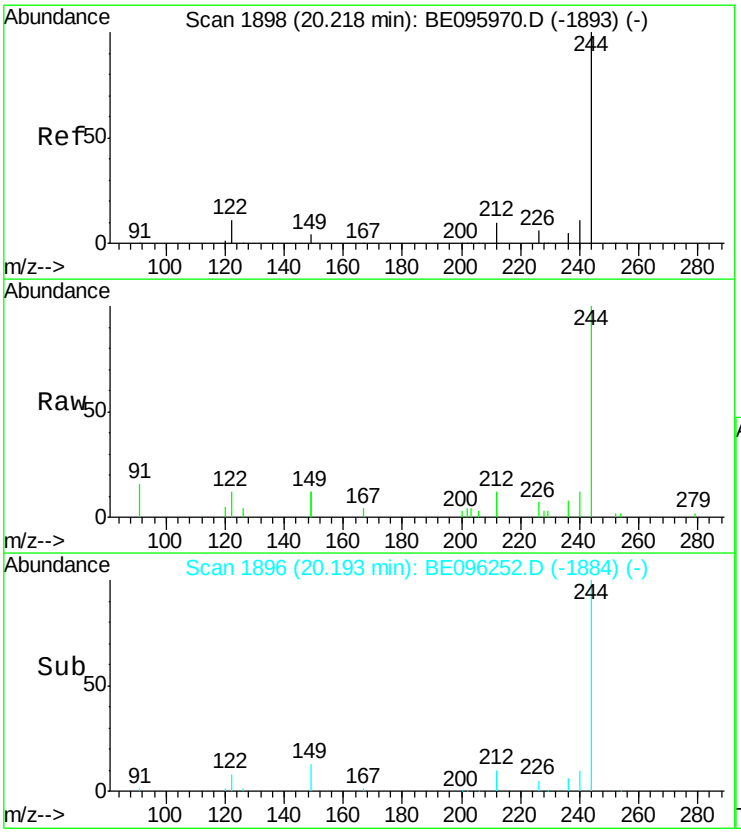
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.74 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:240 Resp: 3894

Ion	Ratio	Lower	Upper
240	100		
120	18.2	5.5	8.3#
236	30.8	20.7	31.1

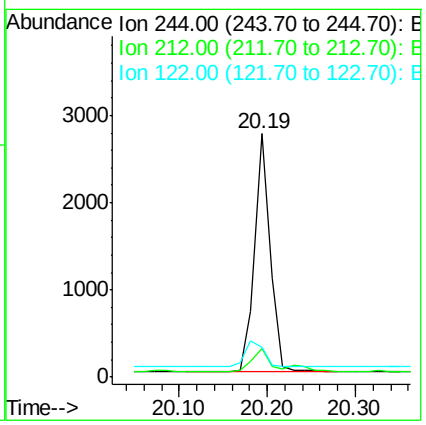


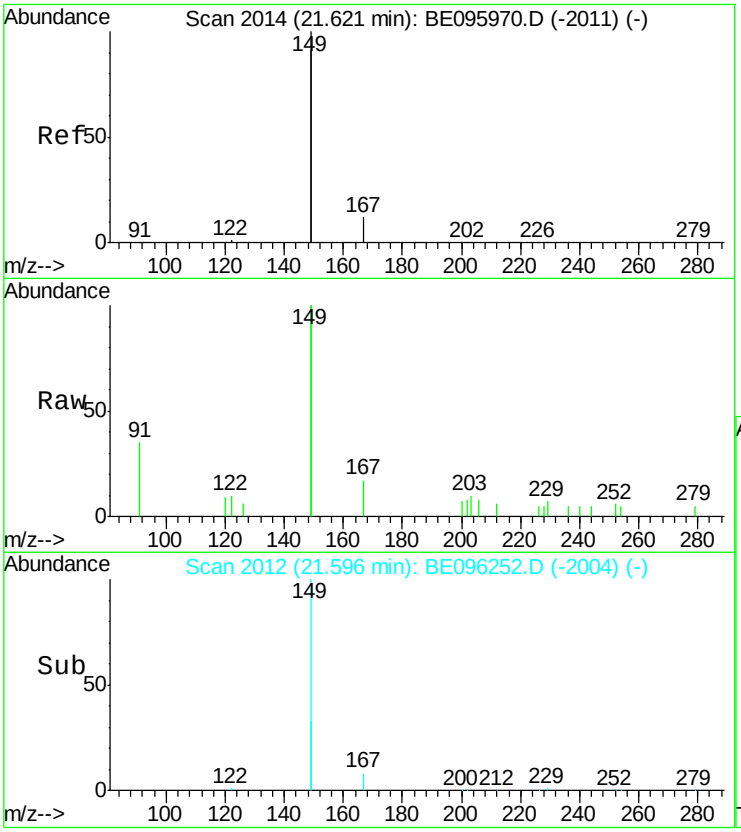


#29
Terphenyl-d14
Concen: 0.393 ng
RT: 20.19 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion:244 Resp: 3381

Ion	Ratio	Lower	Upper
244	100		
212	12.0	25.4	38.0#
122	12.2	8.1	12.1#



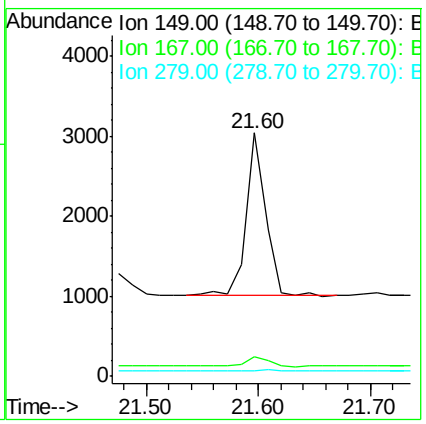


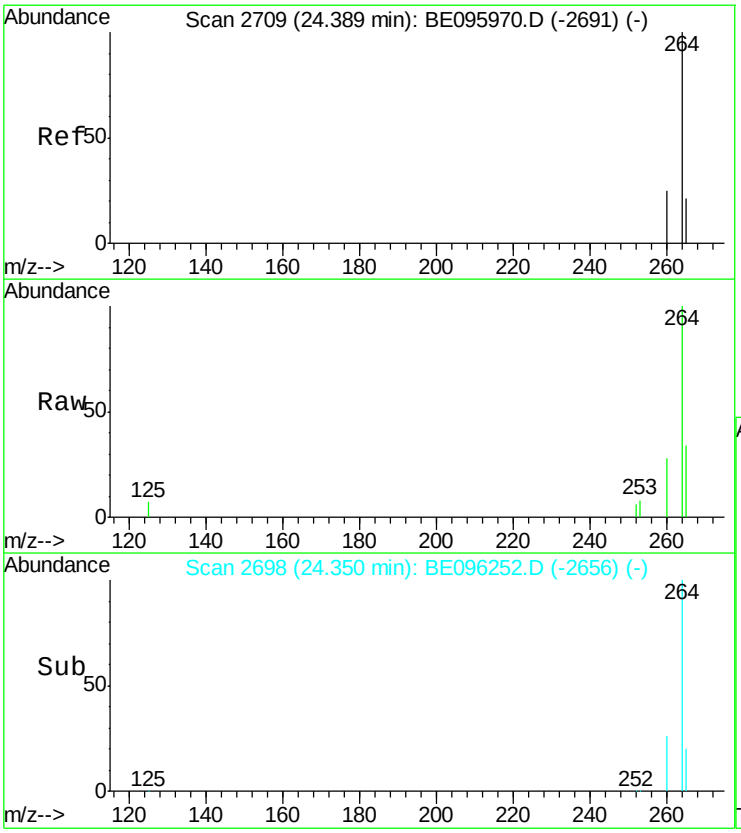
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.077 ng
RT: 21.60 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Instrument :
BNA_E
ClientSampleId :
LF017MW001-180417

Tgt Ion:149 Resp: 2484

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.0
279	1.5	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.35 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion:264 Resp: 3690

Ion	Ratio	Lower	Upper
264	100		
260	28.0	20.5	30.7
265	33.7	22.8	34.2