Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094956.D
Acq On : 8 Dec 2017 19:32
Operator : SJ/JU
Sample : I6740-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FT-PZ-455S-20171202

Quant Time: Dec 09 00:27:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7462	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	16016	0.40	ng		0.00
13) Acenaphthene-d10	15.07	164	9024	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	21906	0.40	ng		0.00
27) Chrysene-d12	21.89	240	23001	0.40	ng		0.00
34) Perylene-d12	24.56	264	18807	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	1791	0.15	ng		0.00
5) Phenol-d6	7.60	99	2058	0.12	ng		0.00
8) Nitrobenzene-d5	9.66	82	5381	0.57	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9825	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	825	0.44	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	21920	0.57	ng		0.00
25) Fluoranthene-d10	19.76	212	113024	0.38	ng		0.00
29) Terphenyl-d14	20.33	244	27509	0.65	ng		0.00
Target Compounds							Qvalue
17) Acenaphthene	15.13	154	2042	0.062	ng		90
18) Fluorene	16.10	166	2517	0.060	ng	#	78
22) Pentachlorophenol	17.43	266	29	0.141	ng		97
23) Phenanthrene	17.82	178	4493	0.064	ng	#	93
24) Anthracene	17.91	178	2022	0.027	ng	#	62
26) Fluoranthene	19.79	202	3739	0.042	ng	#	95
28) Pyrene	20.14	202	3031	0.038	ng	#	93
30) Benzo(a)anthracene	21.85	228	1439	0.020	ng	#	73
31) Chrysene	21.92	228	2051	0.026	ng	#	72
32) Bis(2-ethylhexyl)phthalate	21.75	149	9175	0.078	ng		99
35) Benzo(b)fluoranthene	23.73	252	1460	0.021	ng	#	77

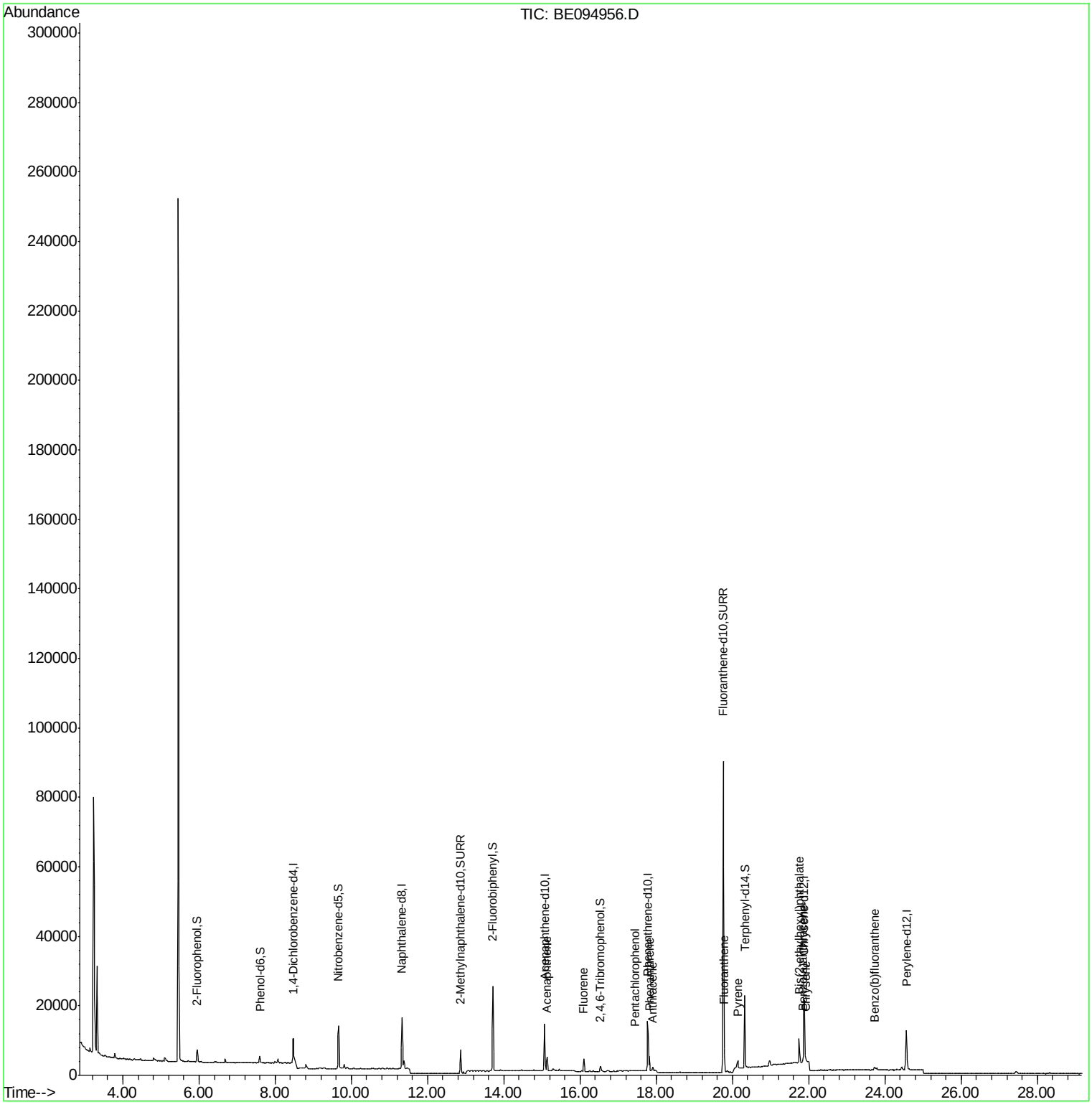
(#) = qualifier out of range (m) = manual integration (+) = signals summed

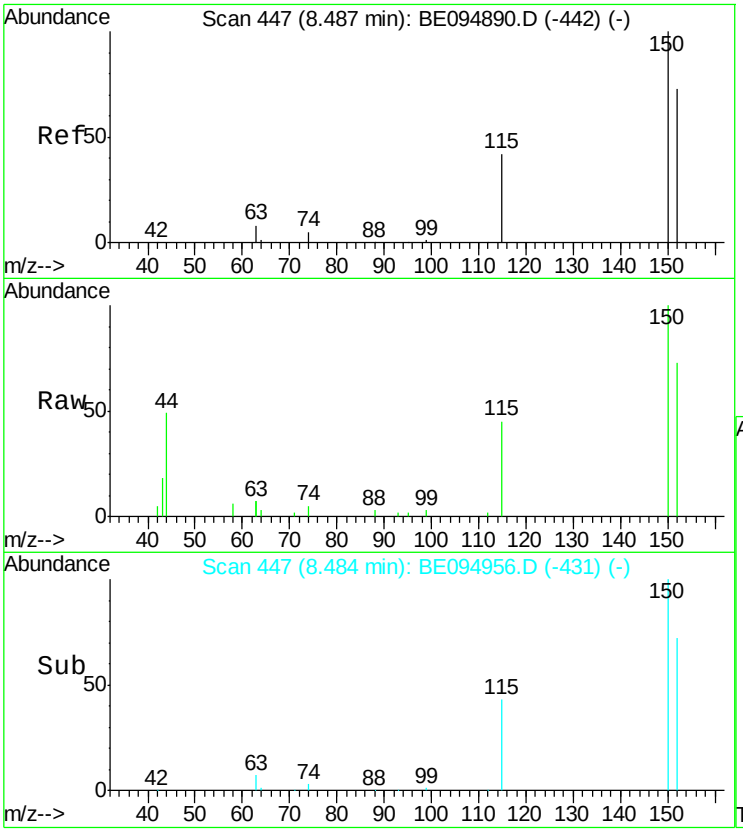
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094956.D
Acq On : 8 Dec 2017 19:32
Operator : SJ/JU
Sample : I6740-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Quant Time: Dec 09 00:27:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



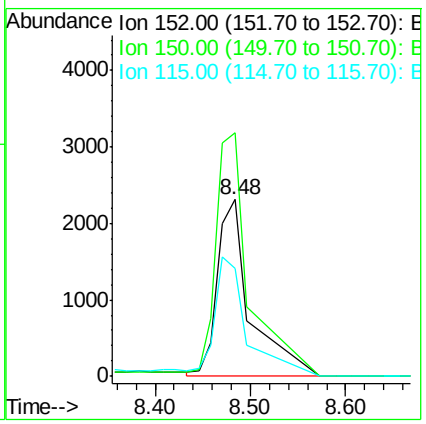


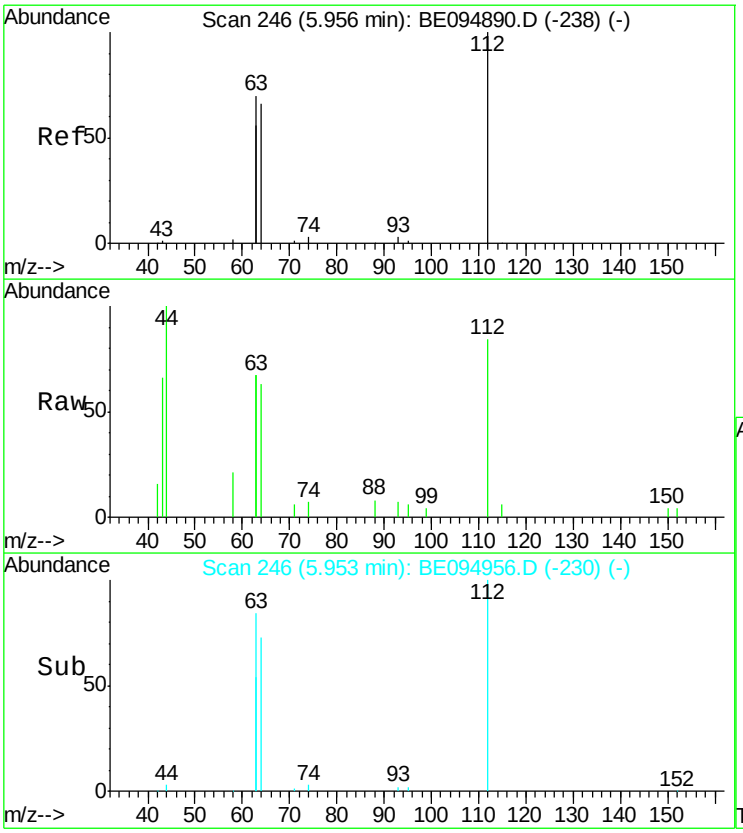
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:152 Resp: 7462

Ion	Ratio	Lower	Upper
152	100		
150	137.6	117.2	175.8
115	61.4	57.0	85.6

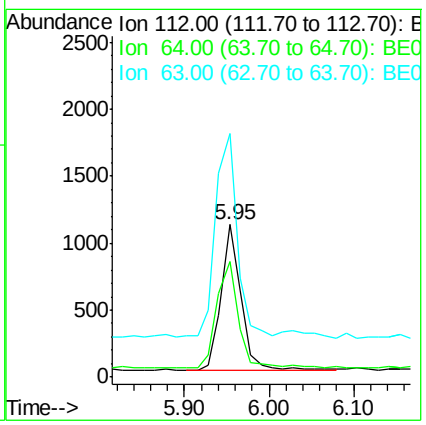


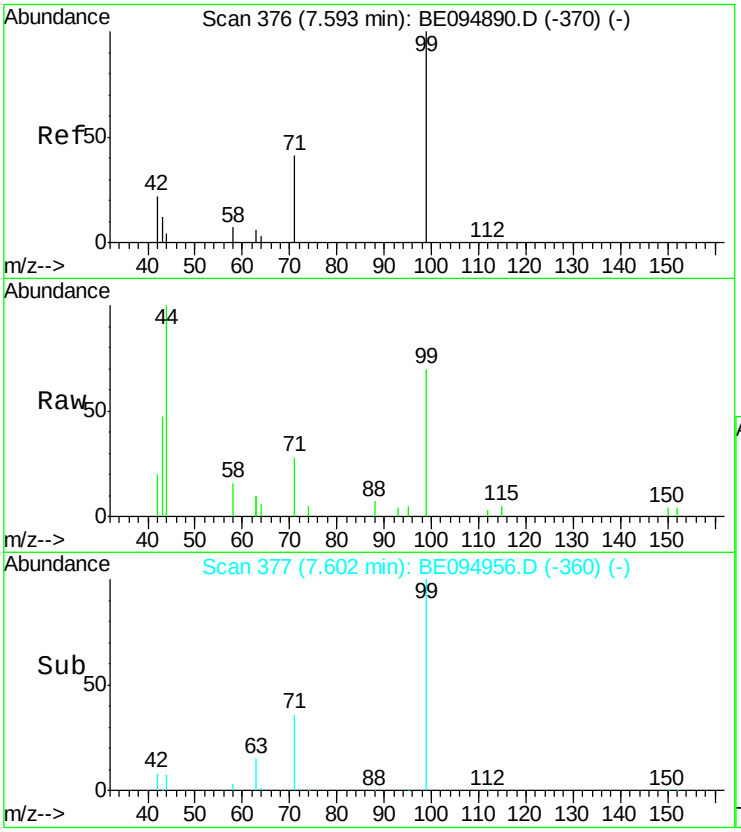


#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:112 Resp: 1791

Ion	Ratio	Lower	Upper
112	100		
64	75.9	60.1	90.1
63	156.2	116.8	175.2



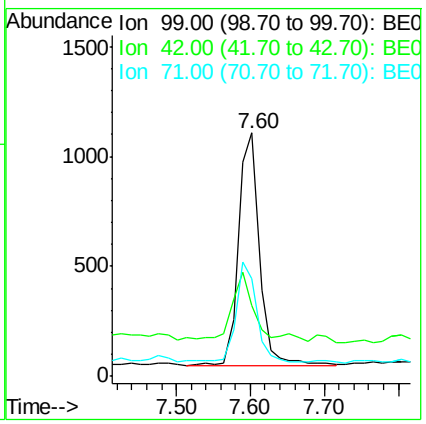


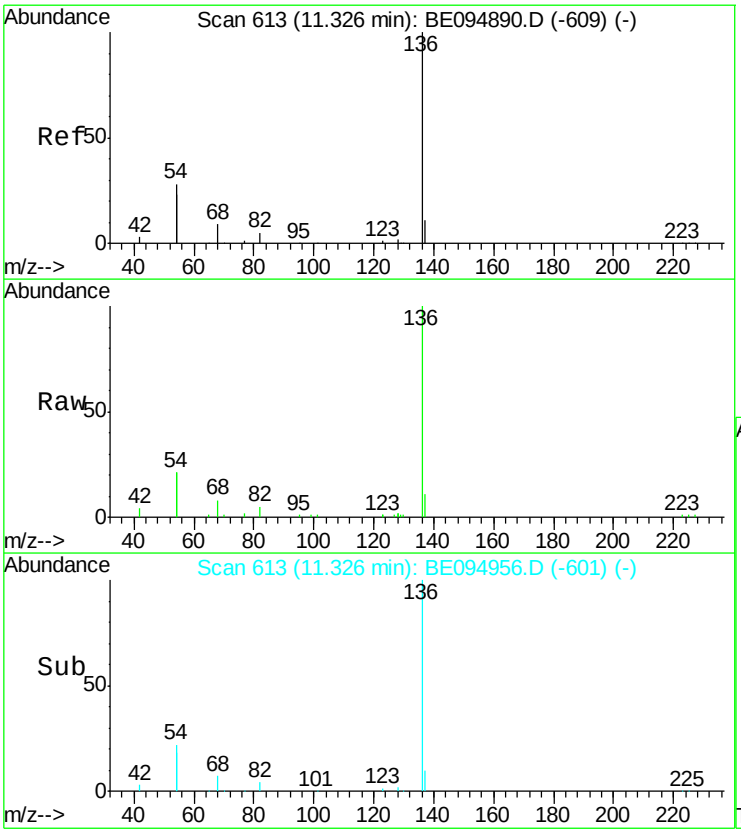
#5
Phenol-d6
Concen: 0.118 ng
RT: 7.60 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion: 99 Resp: 2058

Ion	Ratio	Lower	Upper
99	100		
42	31.6	20.2	30.2#
71	42.4	28.4	42.6

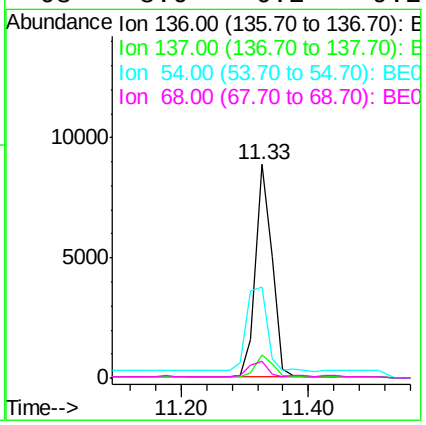


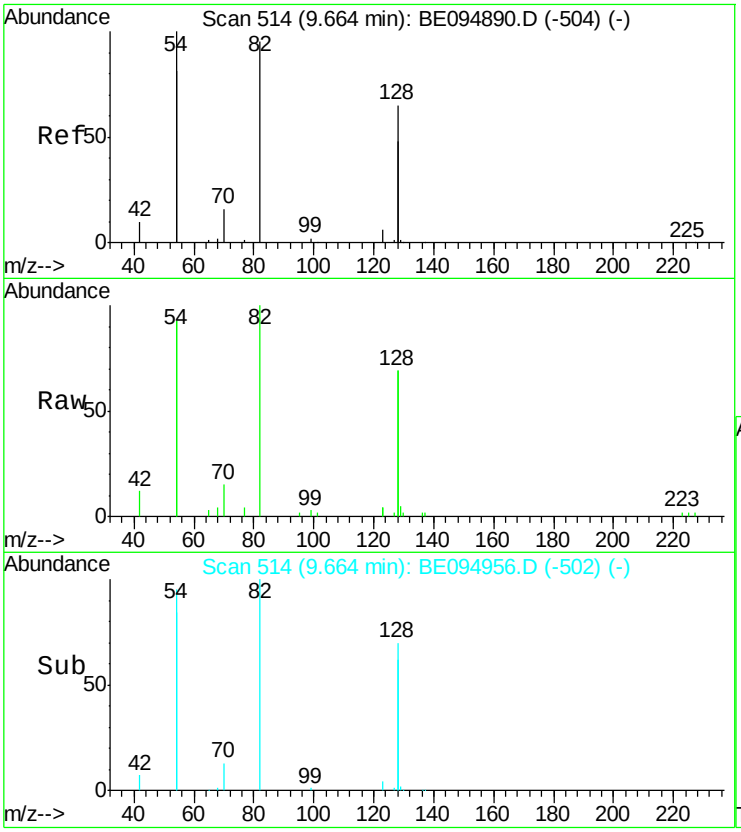


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:136 Resp: 16016

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.5	14.3
54	42.8	29.1	43.7
68	8.0	6.2	9.2



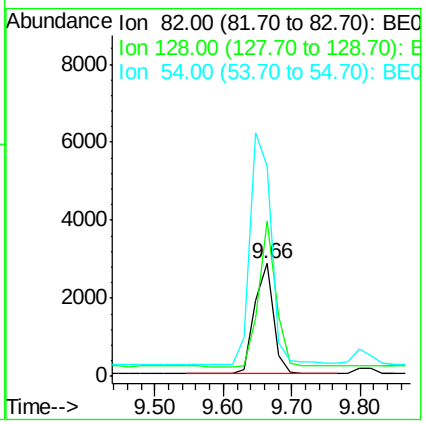


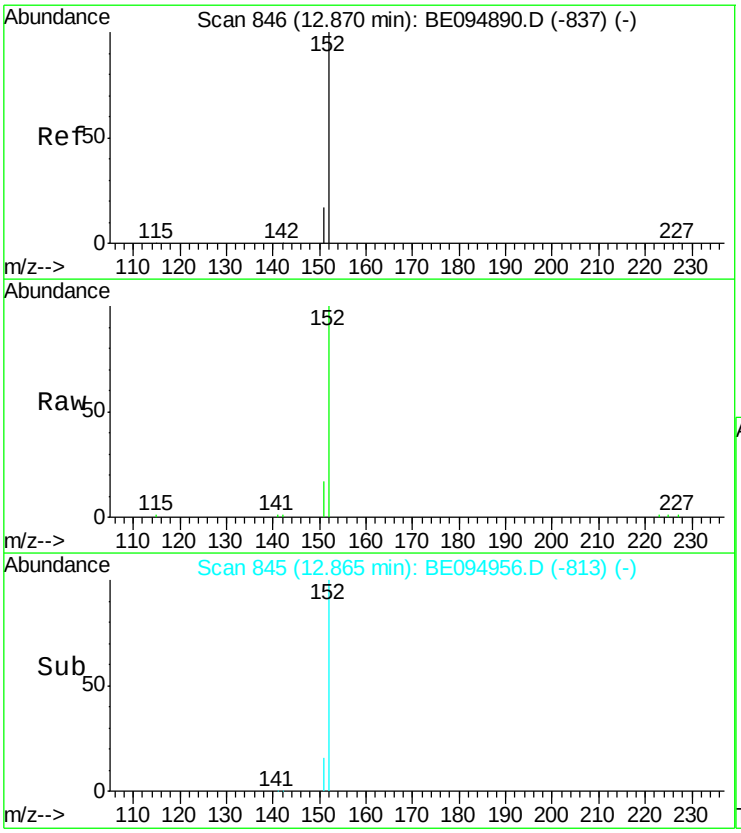
#8
Nitrobenzene-d5
Concen: 0.568 ng
RT: 9.66 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion: 82 Resp: 5381

Ion	Ratio	Lower	Upper
82	100		
128	137.3	150.0	225.0#
54	186.1	154.2	231.4

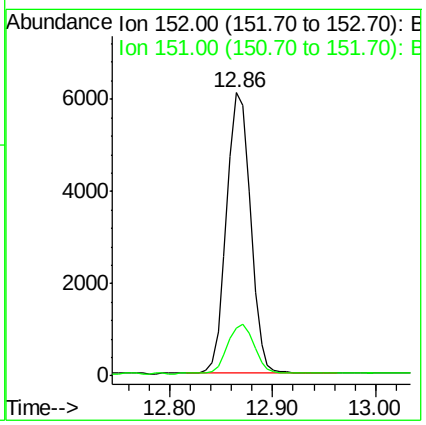


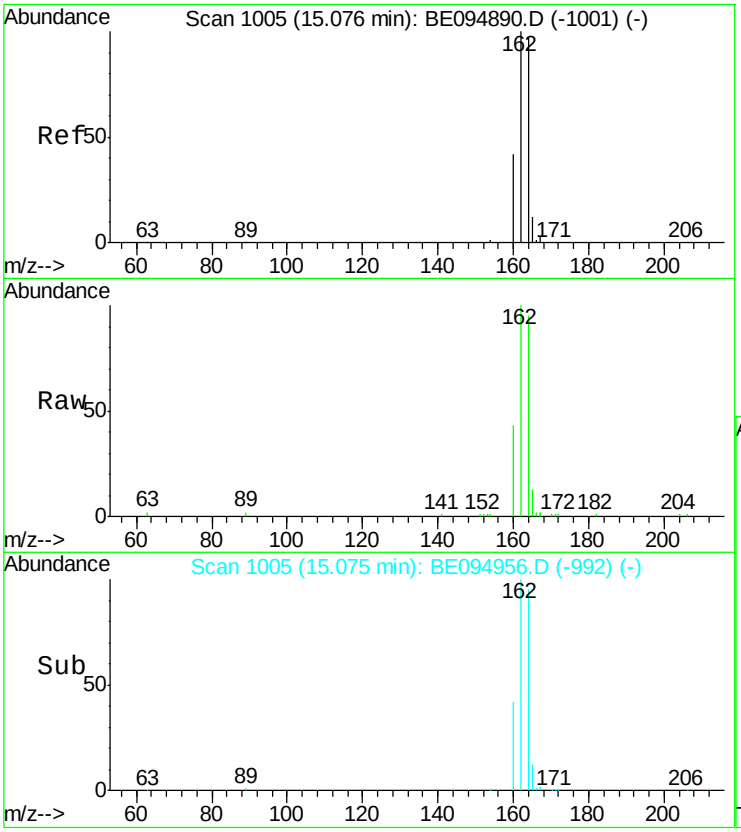


#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:152 Resp: 9825

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0



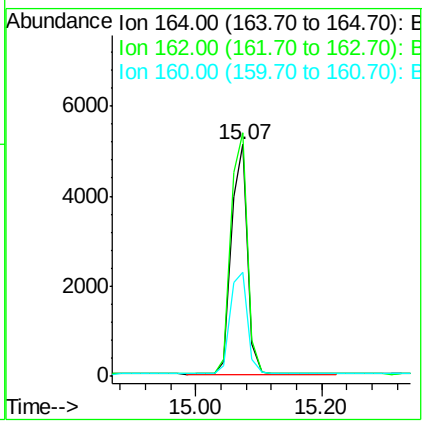


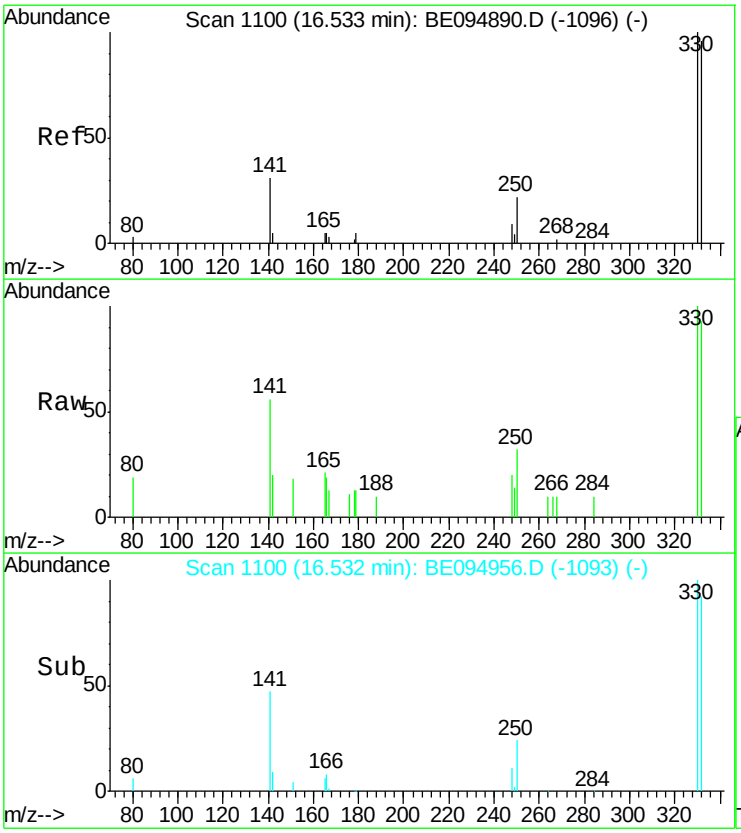
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.07 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:164 Resp: 9024

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.1	124.7
160	44.8	37.1	55.7

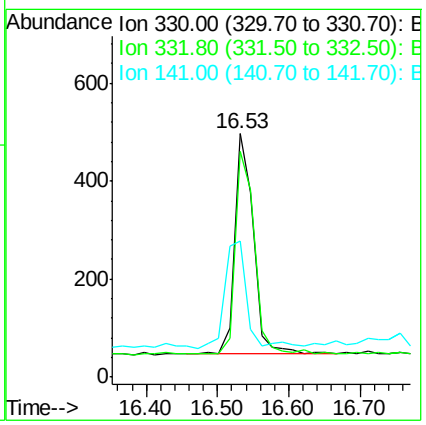


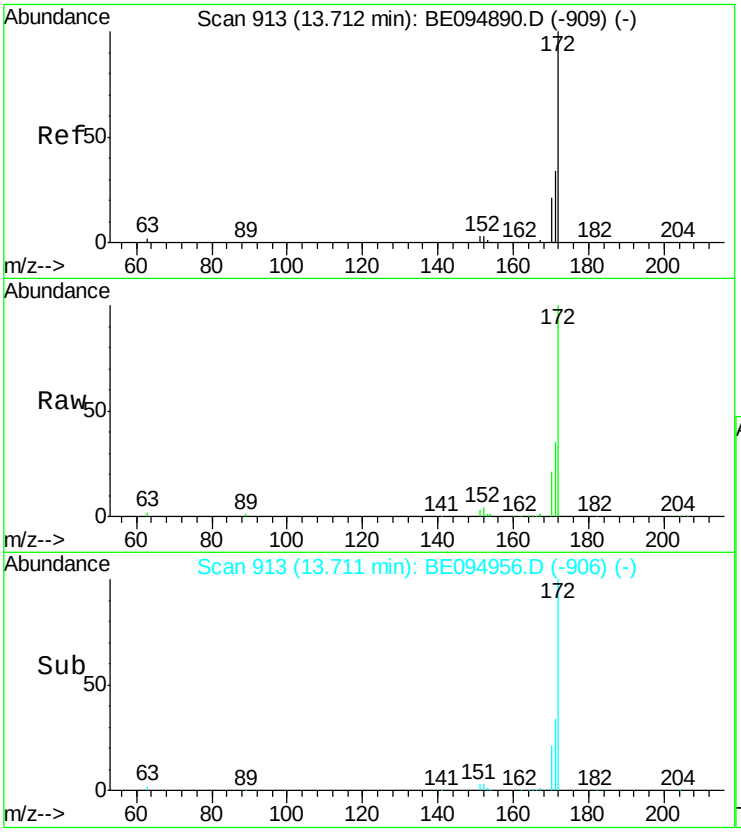


#14
2,4,6-Tribromophenol
Concen: 0.442 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:330 Resp: 825

Ion	Ratio	Lower	Upper
330	100		
332	94.4	152.7	229.1#
141	58.3	33.7	50.5#



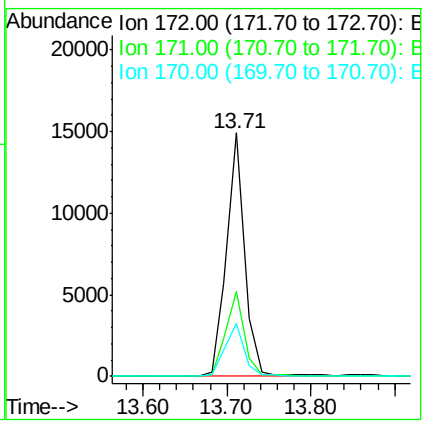


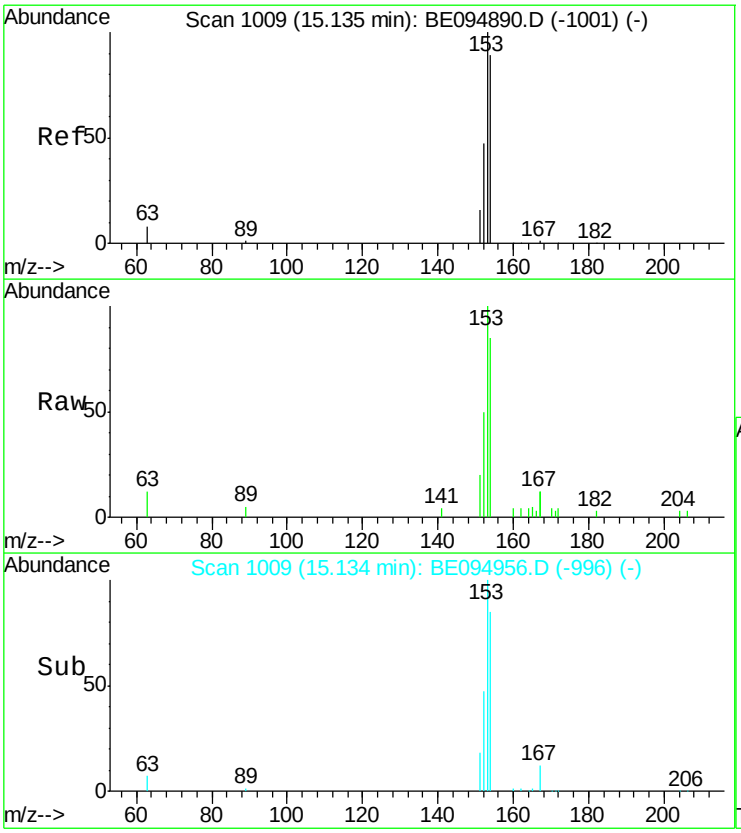
#15
2-Fluorobiphenyl
Concen: 0.567 ng
RT: 13.71 min Scan# 913
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:172 Resp: 21920

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	21.5	21.8	32.8#

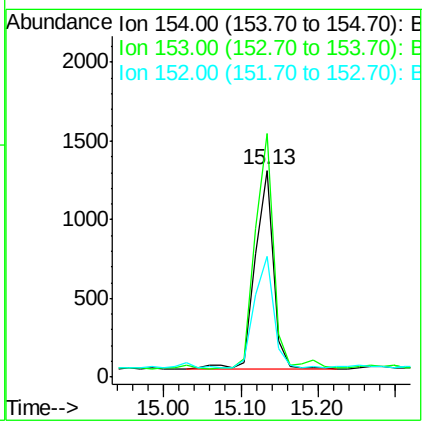


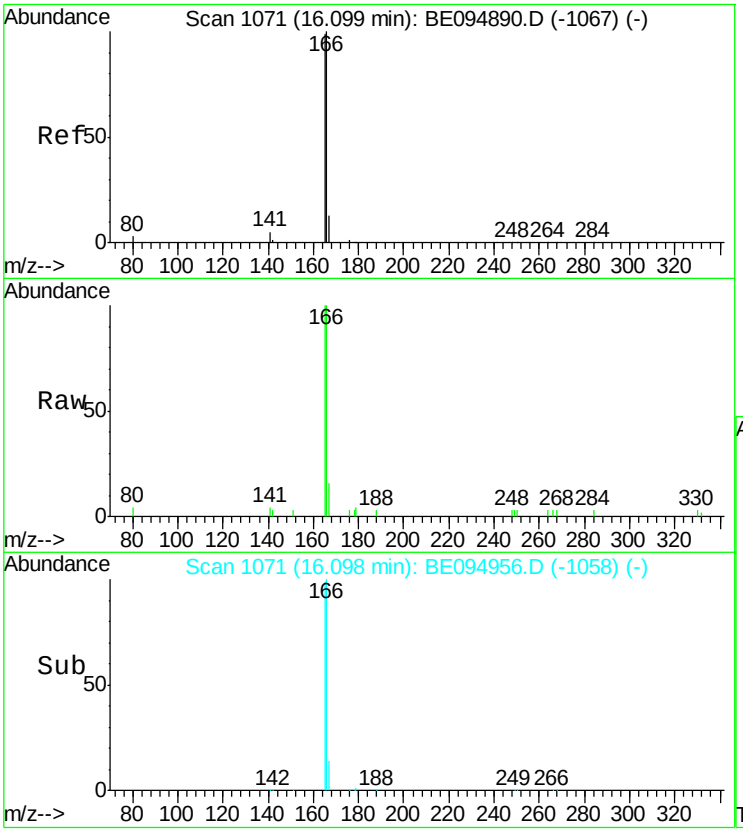


#17
Acenaphthene
Concen: 0.062 ng
RT: 15.13 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:154 Resp: 2042

Ion	Ratio	Lower	Upper
154	100		
153	121.9	89.2	133.8
152	59.9	42.0	63.0



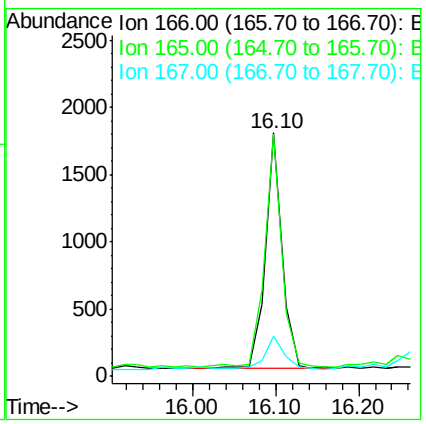


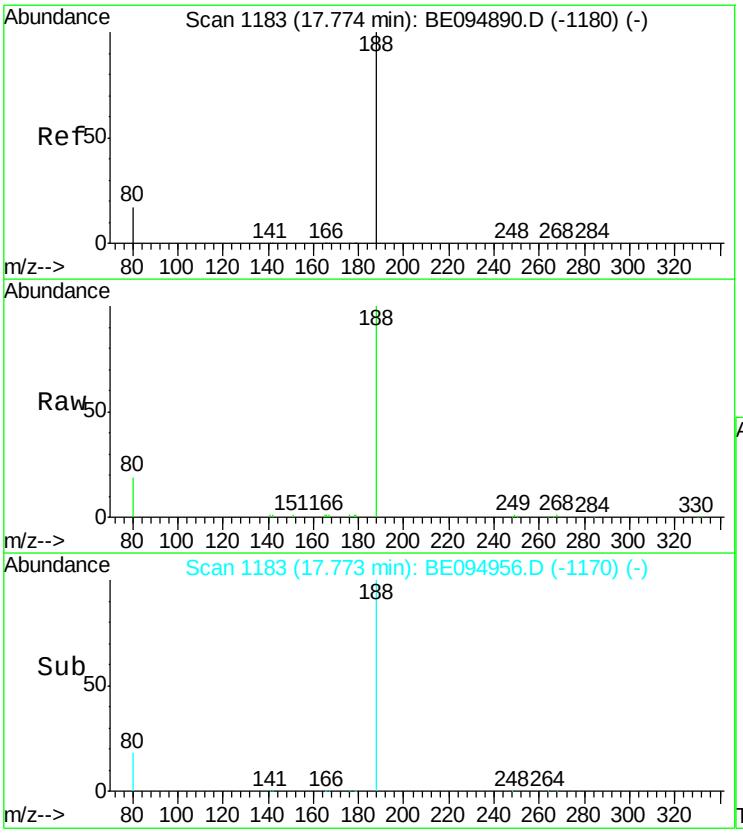
#18
Fluorene
Concen: 0.060 ng
RT: 16.10 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:166 Resp: 2517

Ion	Ratio	Lower	Upper
166	100		
165	101.9	77.8	116.6
167	15.3	42.4	63.6#

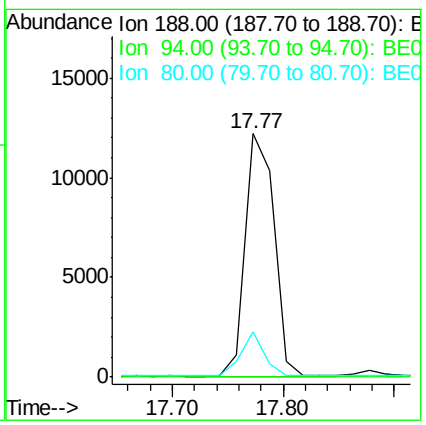


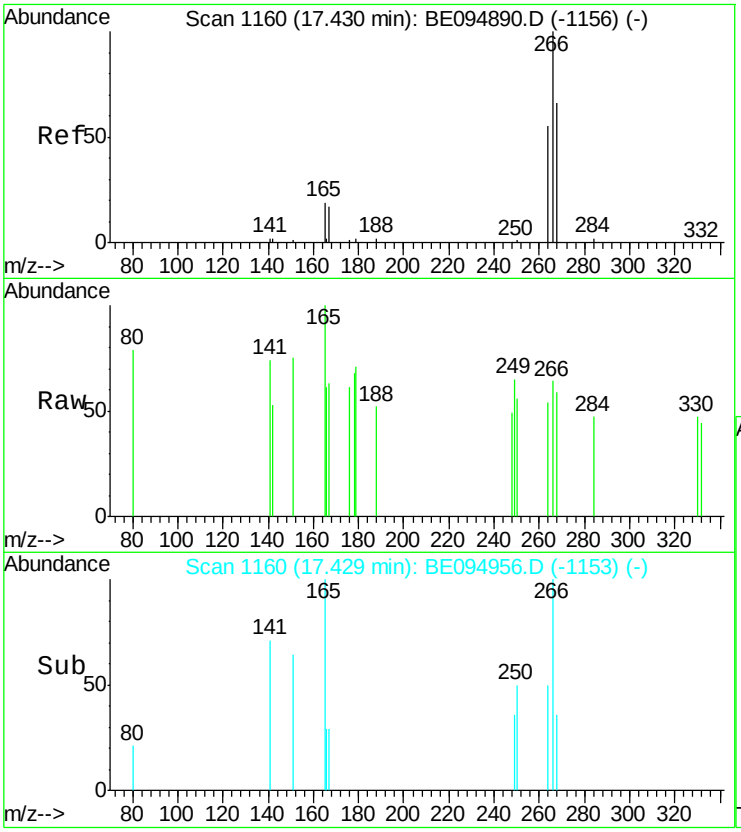


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:188 Resp: 21906

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	18.5	3.6	5.4#



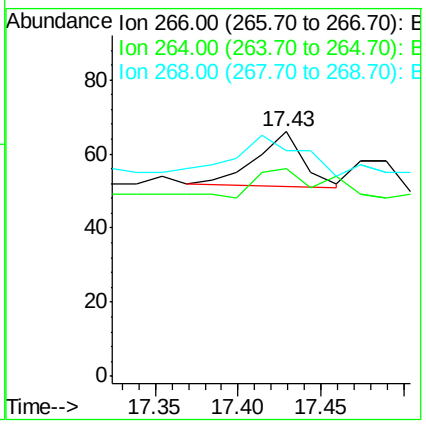


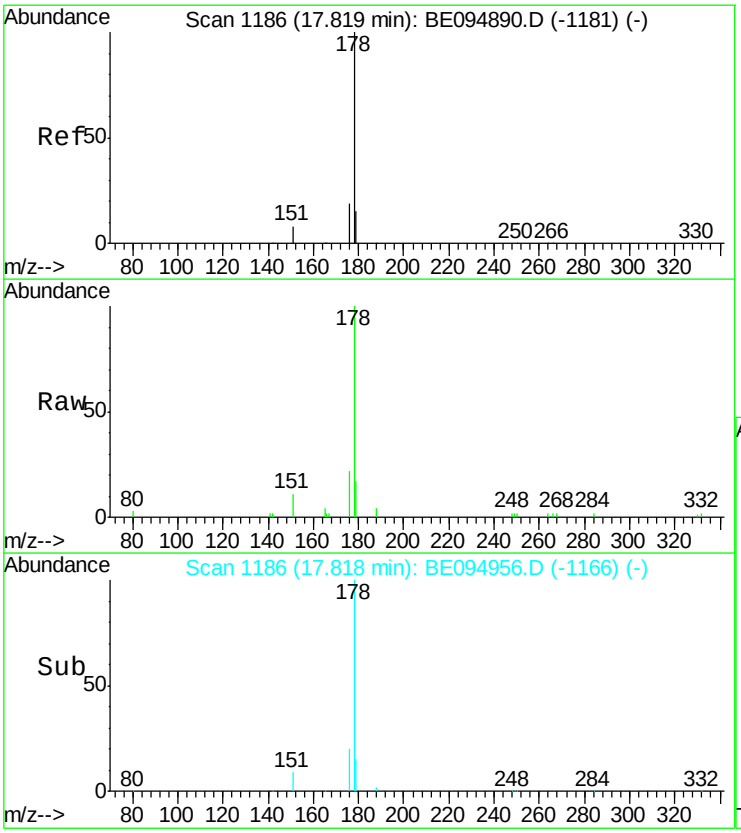
#22
Pentachlorophenol
Concen: 0.141 ng
RT: 17.43 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:266 Resp: 29

Ion	Ratio	Lower	Upper
266	100		
264	84.8	72.5	108.7
268	92.4	73.8	110.6

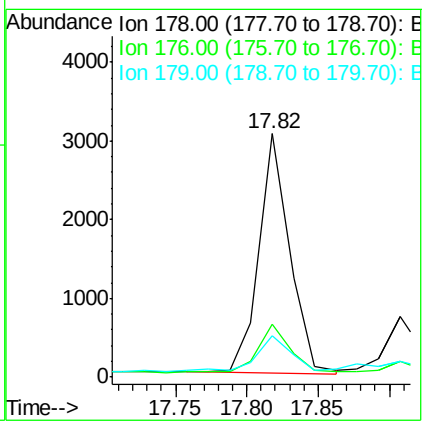


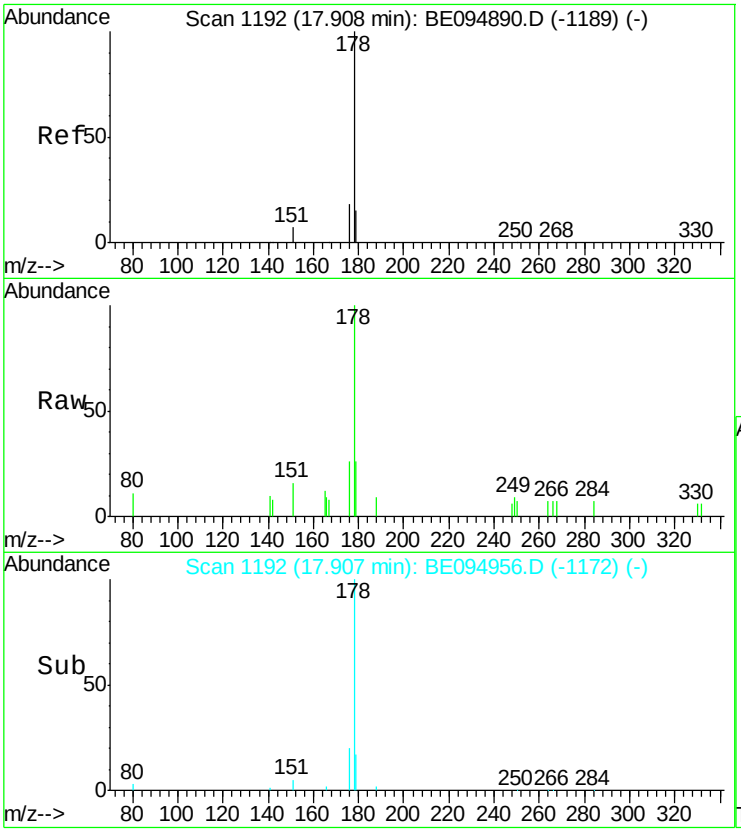


#23
Phenanthrene
Concen: 0.064 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:178 Resp: 4493

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.1	22.7
179	18.2	11.8	17.6#



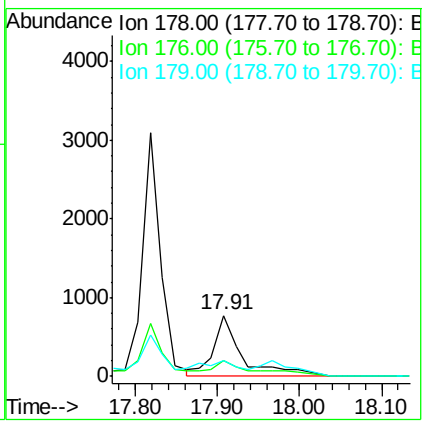


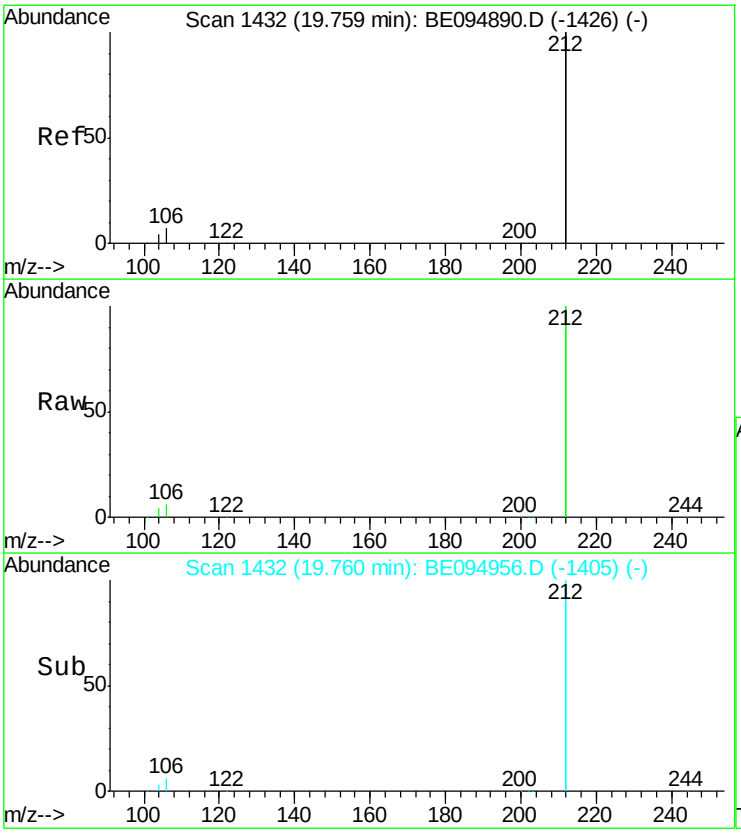
#24
Anthracene
Concen: 0.027 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:178 Resp: 2022

Ion	Ratio	Lower	Upper
178	100		
176	40.9	12.8	19.2#
179	24.0	13.0	19.6#

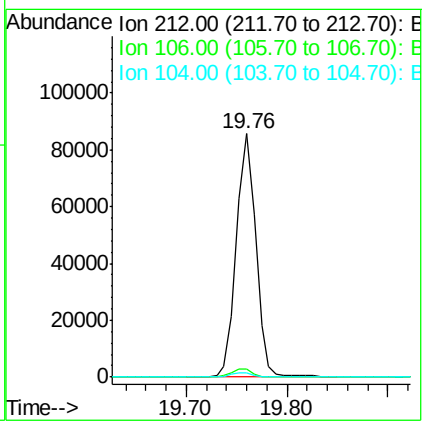


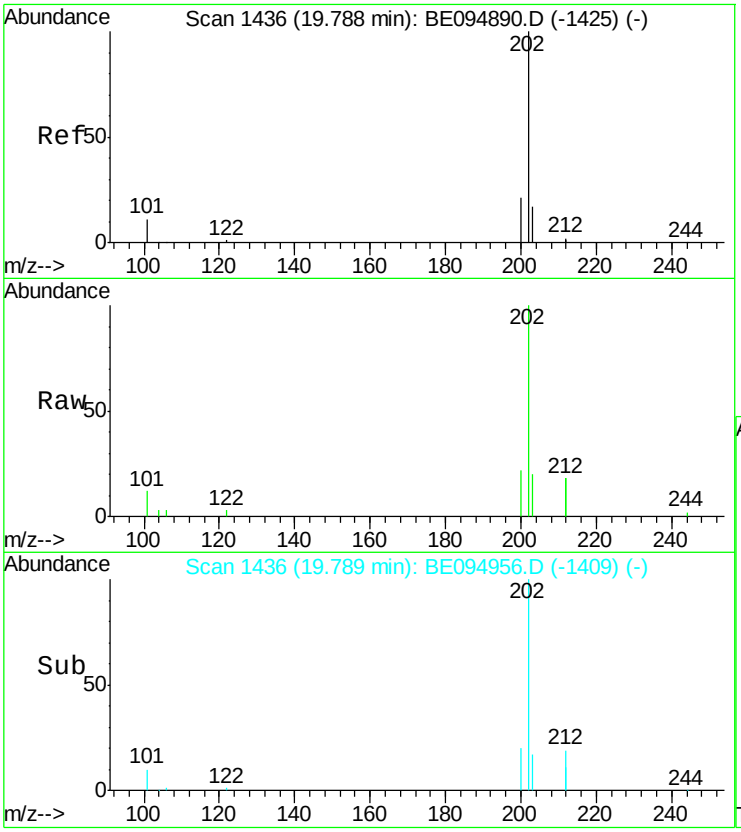


#25
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.76 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:212 Resp: 113024

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	2.0	1.6	2.4



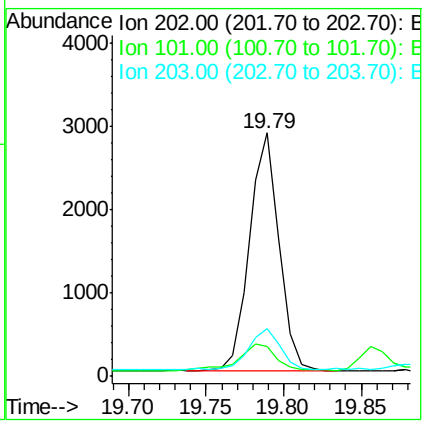


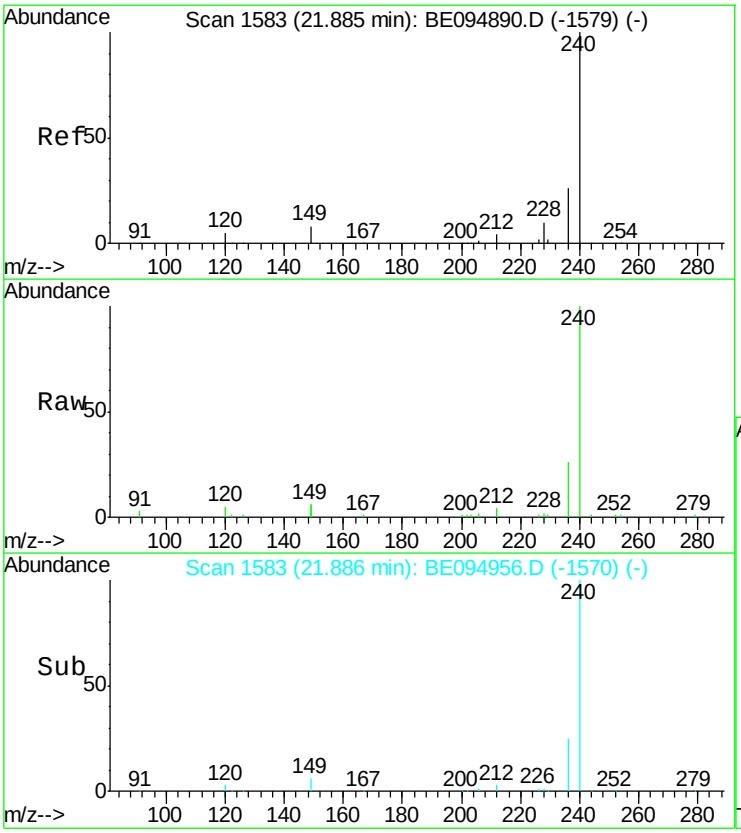
#26
Fluoranthene
Concen: 0.042 ng
RT: 19.79 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:202 Resp: 3739

Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.8	14.8#
203	18.9	13.7	20.5

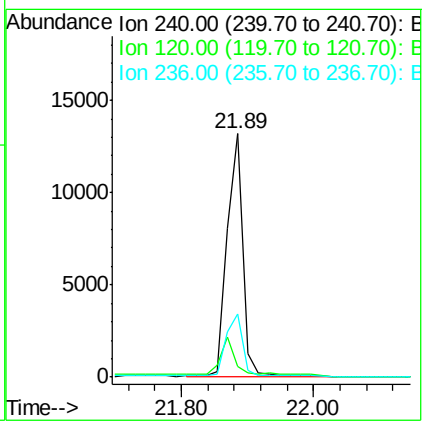


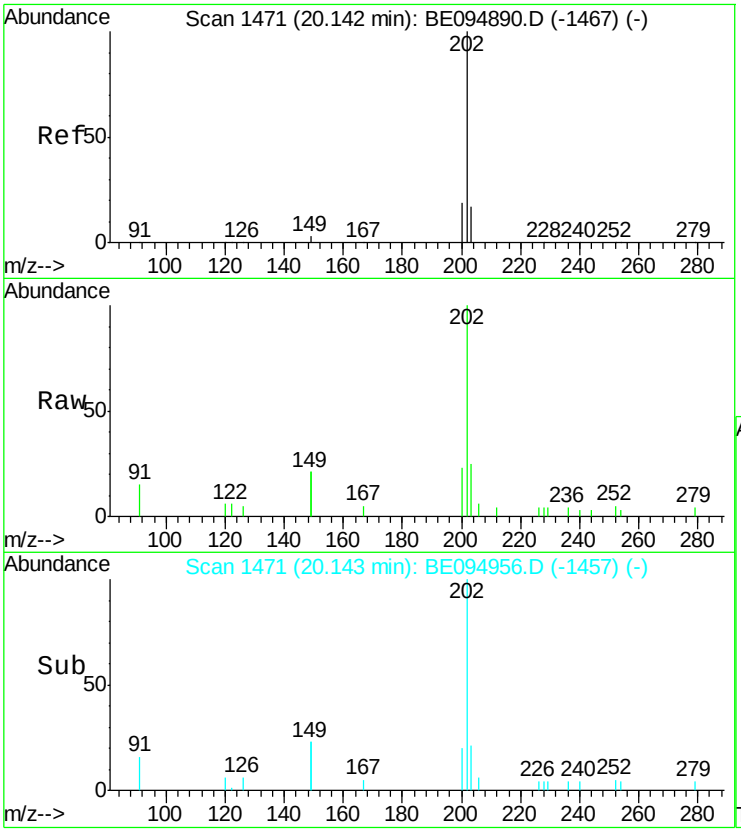


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:240 Resp: 23001

Ion	Ratio	Lower	Upper
240	100		
120	4.5	5.5	8.3#
236	26.0	20.7	31.1



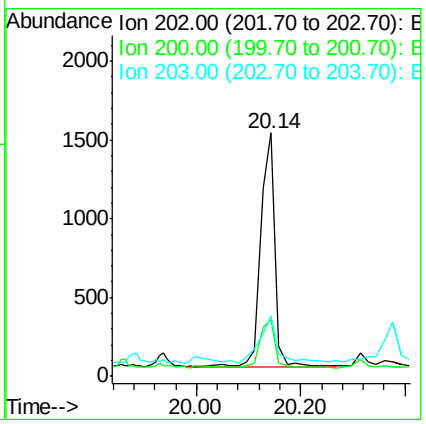


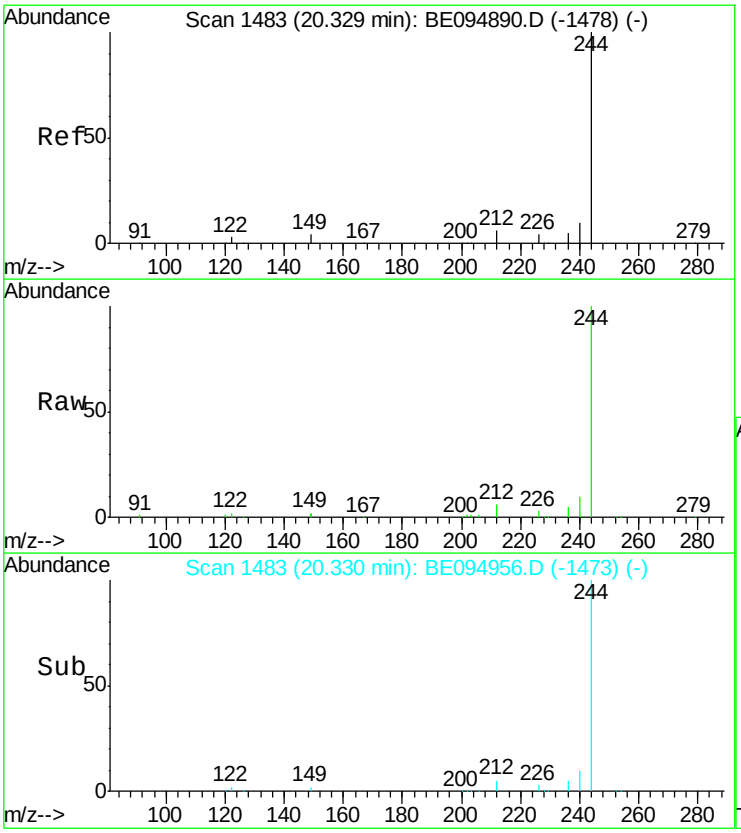
#28
Pyrene
Concen: 0.038 ng
RT: 20.14 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:202 Resp: 3031

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	23.8	13.8	20.8#

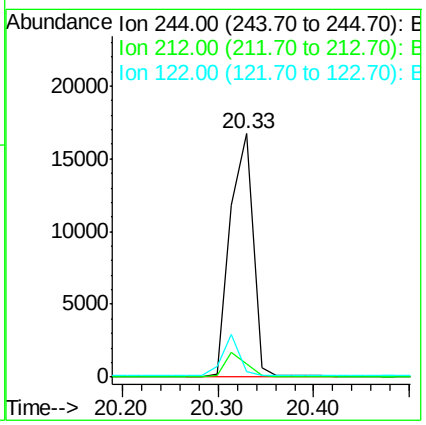


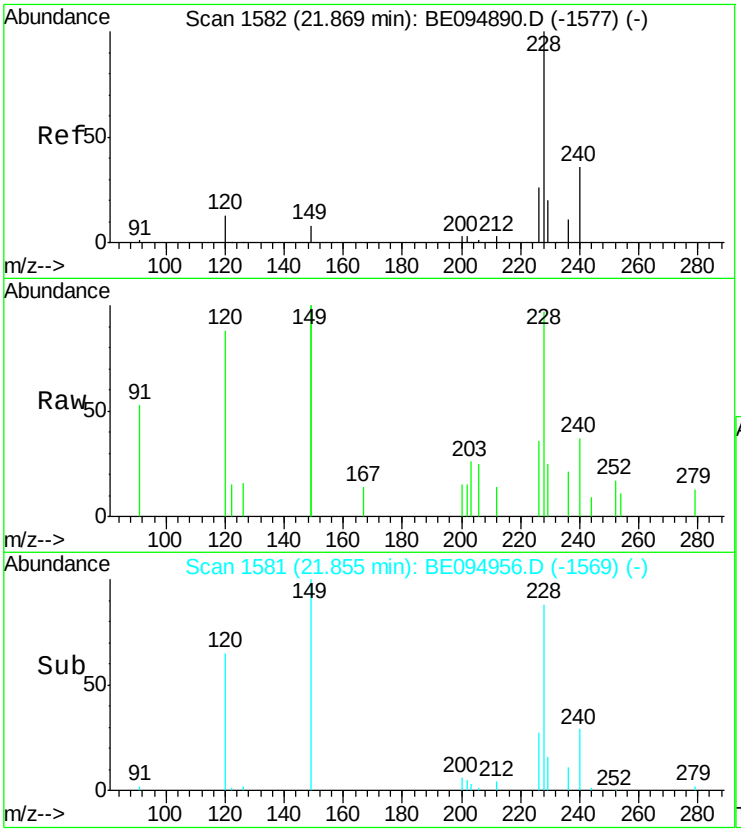


#29
Terphenyl-d14
Concen: 0.648 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:244 Resp: 27509

Ion	Ratio	Lower	Upper
244	100		
212	5.5	25.4	38.0#
122	2.4	8.1	12.1#



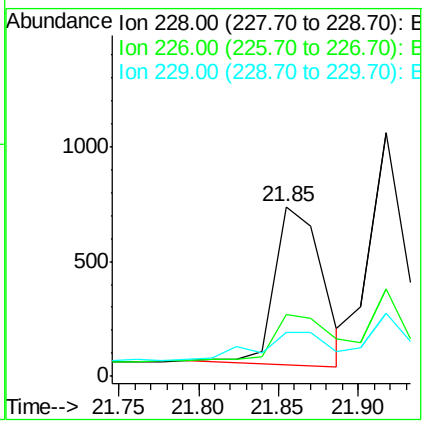


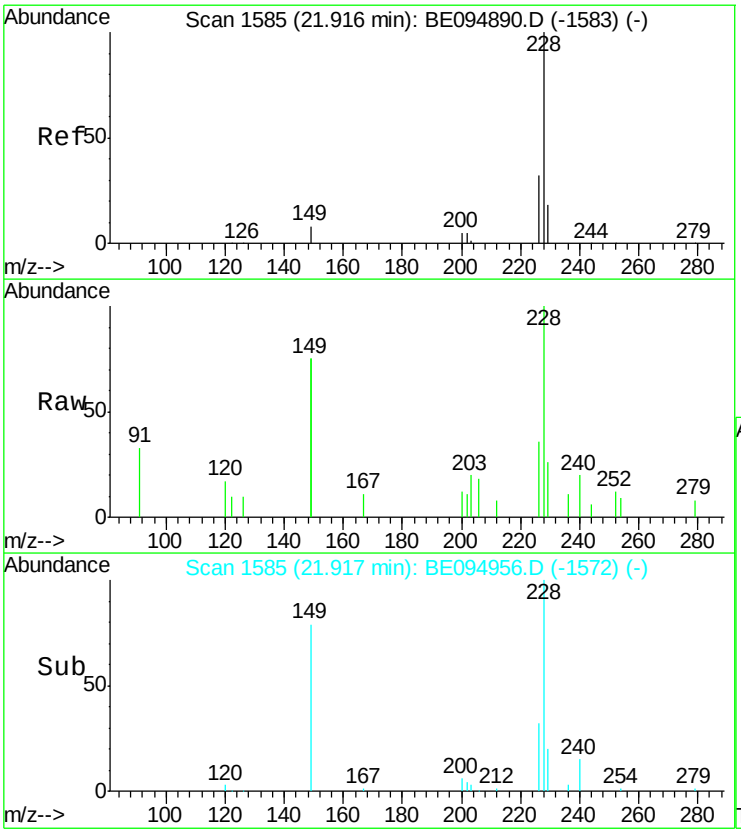
#30
Benzo(a)anthracene
Concen: 0.020 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:228 Resp: 1439

Ion	Ratio	Lower	Upper
228	100		
226	36.7	40.0	60.0#
229	25.9	40.0	60.0#

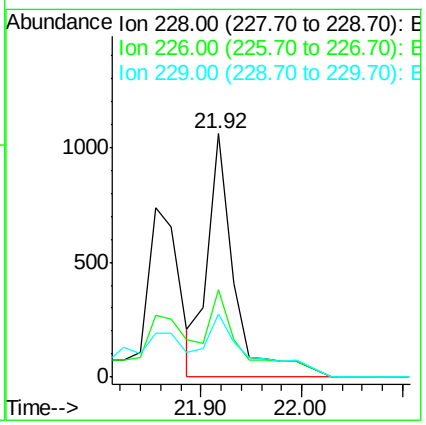


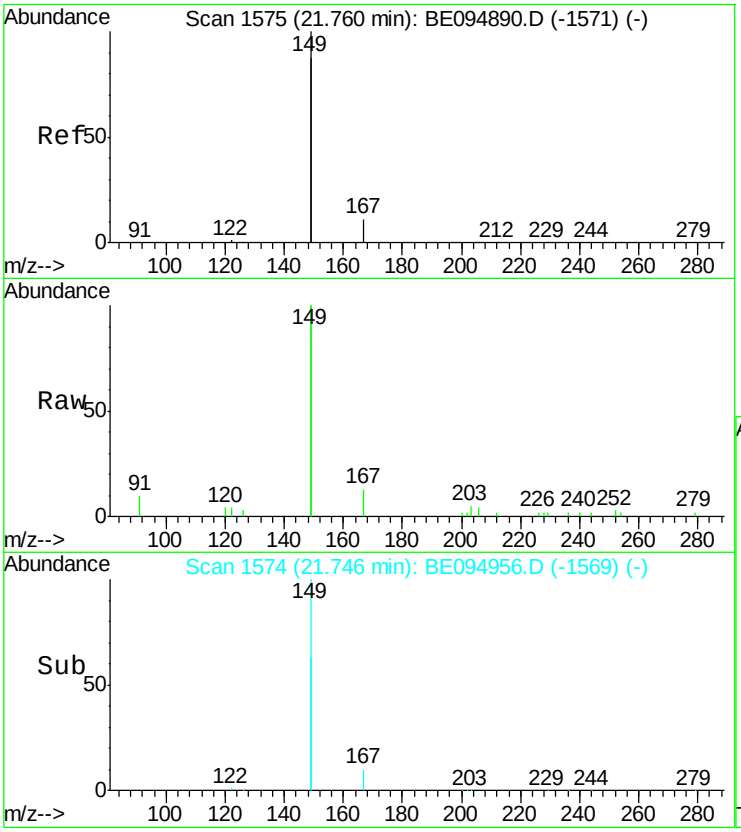


#31
Chrysene
Concen: 0.026 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:228 Resp: 2051

Ion	Ratio	Lower	Upper
228	100		
226	35.8	40.0	60.0#
229	25.8	40.0	60.0#



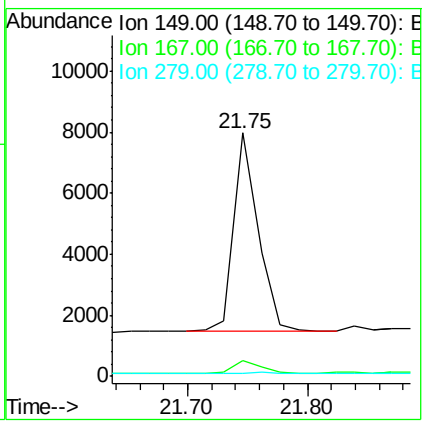


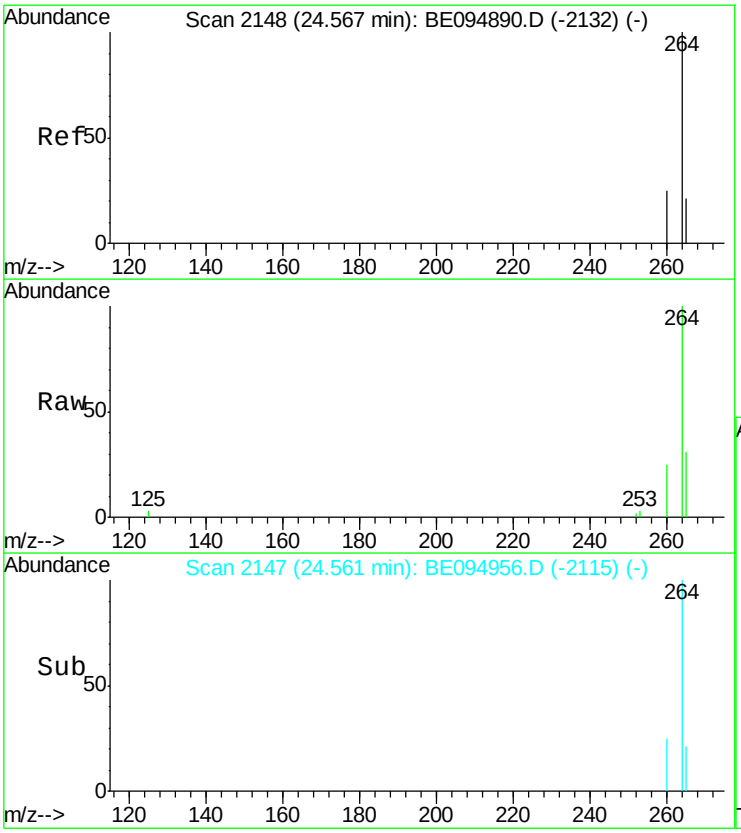
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.078 ng
RT: 21.75 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:149 Resp: 9175

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1

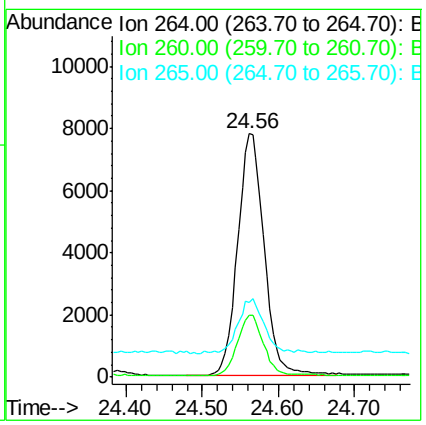


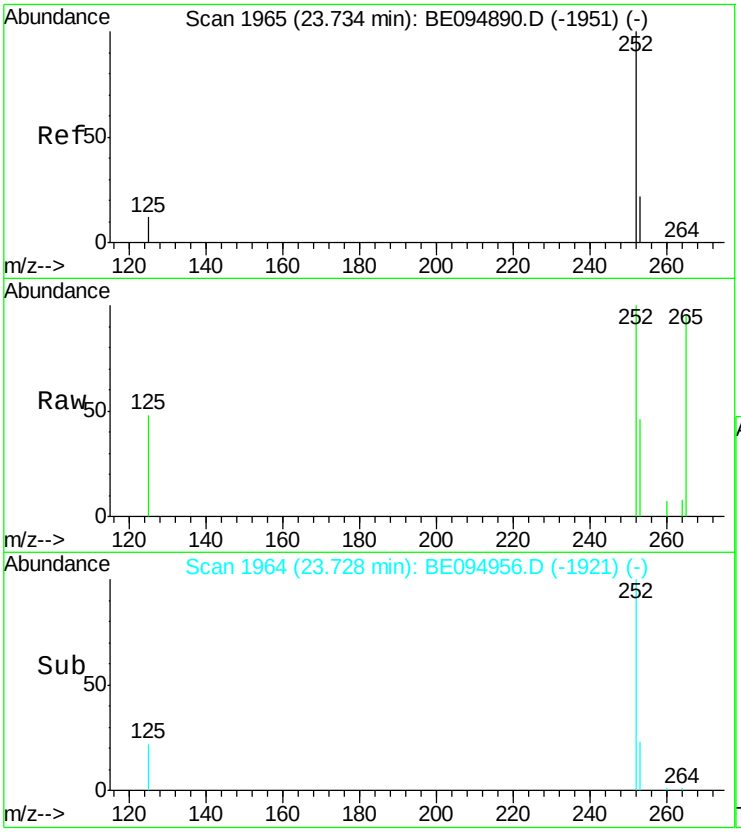


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.56 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Tgt Ion:264 Resp: 18807

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	30.6	22.8	34.2





#35
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BE094956.D
Acq: 8 Dec 2017 19:32

Instrument :
BNA_E
ClientSampleId :
FT-PZ-455S-20171202

Tgt Ion:252 Resp: 1460

Ion	Ratio	Lower	Upper
252	100		
253	45.5	48.0	72.0#
125	47.8	56.0	84.0#