Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099255.D
Acq On : 29 Mar 2019 15:13
Operator : JU/SJ
Sample : K1982-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : EXT-027-SW012-032519

Quant Time: Mar 29 22:55:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3622	0.40	ng		-0.01
7) Naphthalene-d8	10.63	136	15666	0.40	ng		0.00
13) Acenaphthene-d10	14.47	164	12046	0.40	ng		-0.01
19) Phenanthrene-d10	17.20	188	36101	0.40	ng		-0.01
27) Chrysene-d12	21.38	240	43739	0.40	ng		-0.01
34) Perylene-d12	23.89	264	43686	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	1683	0.16	ng		0.00
5) Phenol-d6	6.99	99	2500	0.15	ng		0.00
8) Nitrobenzene-d5	8.99	82	2008	0.16	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	4646	0.15	ng		0.00
14) 2,4,6-Tribromophenol	15.96	330	728	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	6801	0.14	ng		0.00
25) Fluoranthene-d10	19.24	212	61955	0.14	ng		0.00
29) Terphenyl-d14	19.83	244	9924	0.10	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.65	42	67	0.025	ng	#	1
9) Naphthalene	10.67	128	8127	0.044	ng	#	97
12) 2-Methylnaphthalene	12.30	142	1497	0.045	ng		95
16) Acenaphthylene	14.20	152	2492	0.041	ng	#	91
17) Acenaphthene	14.54	154	7460	0.203	ng		100
18) Fluorene	15.50	166	8957	0.173	ng	#	98
22) Pentachlorophenol	16.85	266	14	0.243	ng	#	67
23) Phenanthrene	17.24	178	230866	2.178	ng		100
24) Anthracene	17.34	178	47217	0.493	ng	#	94
26) Fluoranthene	19.26	202	365150	2.699	ng		99
28) Pyrene	19.63	202	324463	2.233	ng	#	95
30) Benzo(a)anthracene	21.37	228	212851	1.475	ng		98
31) Chrysene	21.41	228	171940	1.115	ng		96
32) Bis(2-ethylhexyl)phthalate	21.28	149	9898	0.057	ng	#	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	66820	0.458	ng	#	96
35) Benzo(b)fluoranthene	23.12	252	183127	1.274	ng		98
36) Benzo(k)fluoranthene	23.12	252	183127	1.205	ng		98
37) Benzo(a)pyrene	23.77	252	132706	0.988	ng		98
38) Dibenzo(a,h)anthracene	26.56	278	18073	0.152	ng	#	90
39) Benzo(g,h,i)perylene	27.36	276	62742	0.525	ng		97

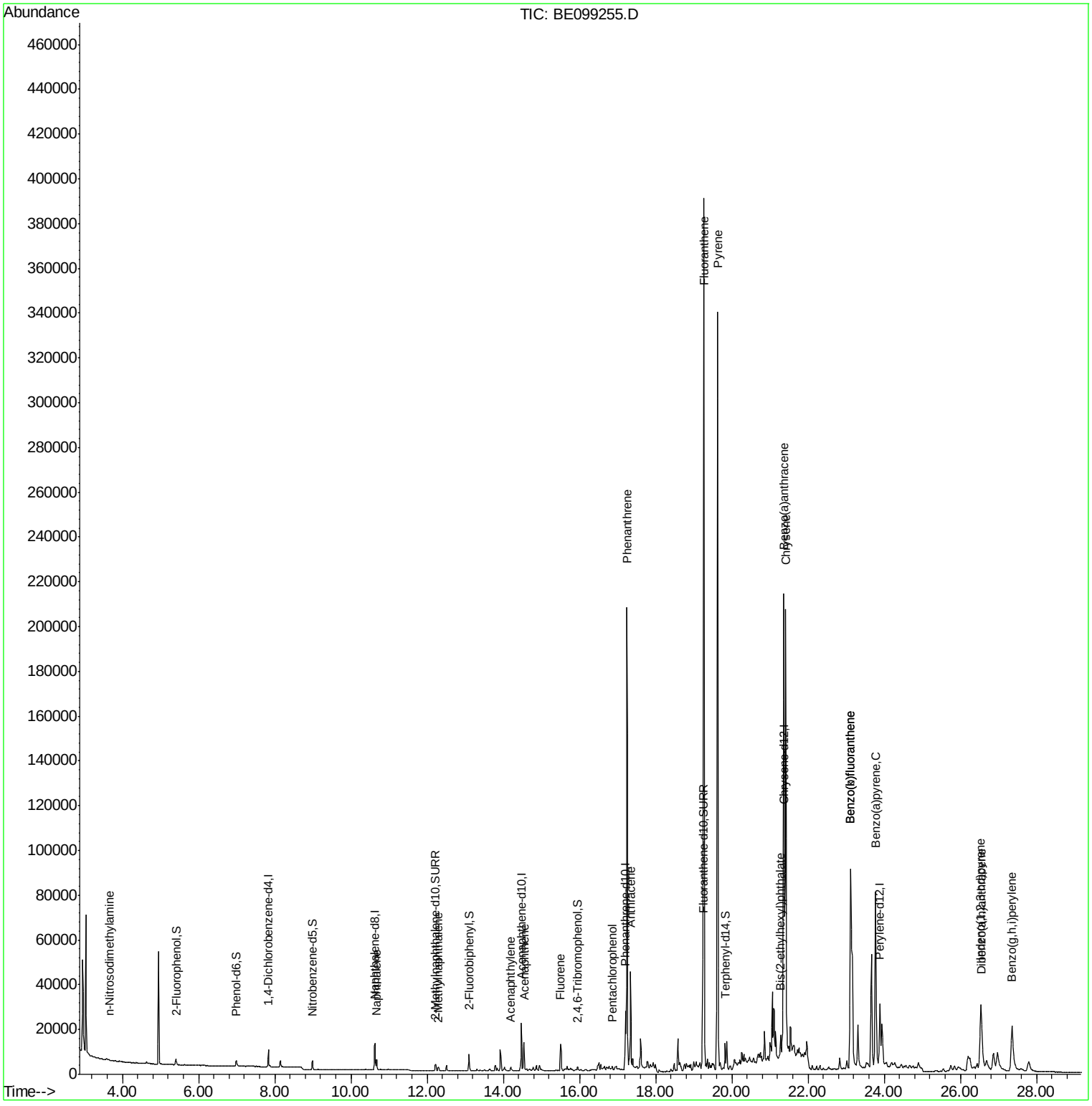
(#) = qualifier out of range (m) = manual integration (+) = signals summed

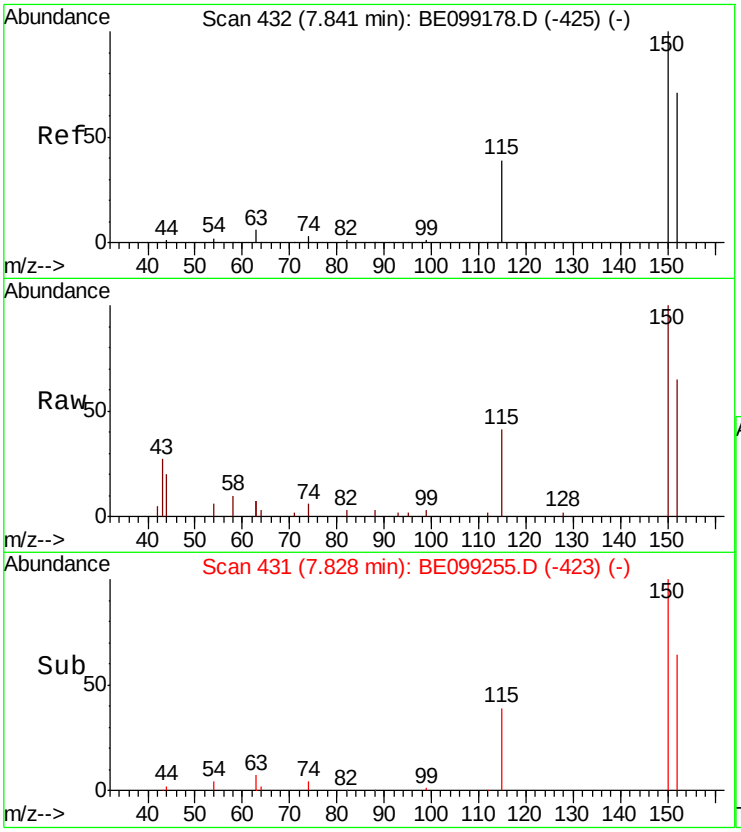
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032919\
Data File : BE099255.D
Acq On : 29 Mar 2019 15:13
Operator : JU/SJ
Sample : K1982-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Quant Time: Mar 29 22:55:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 07:02:06 2019
Response via : Initial Calibration



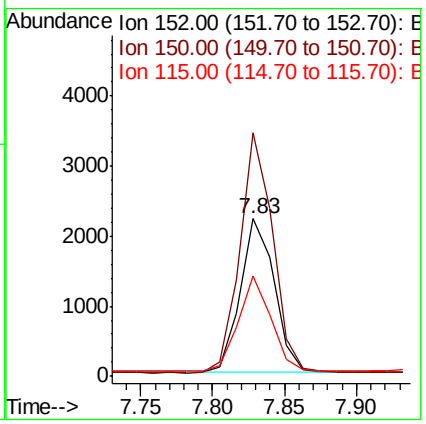


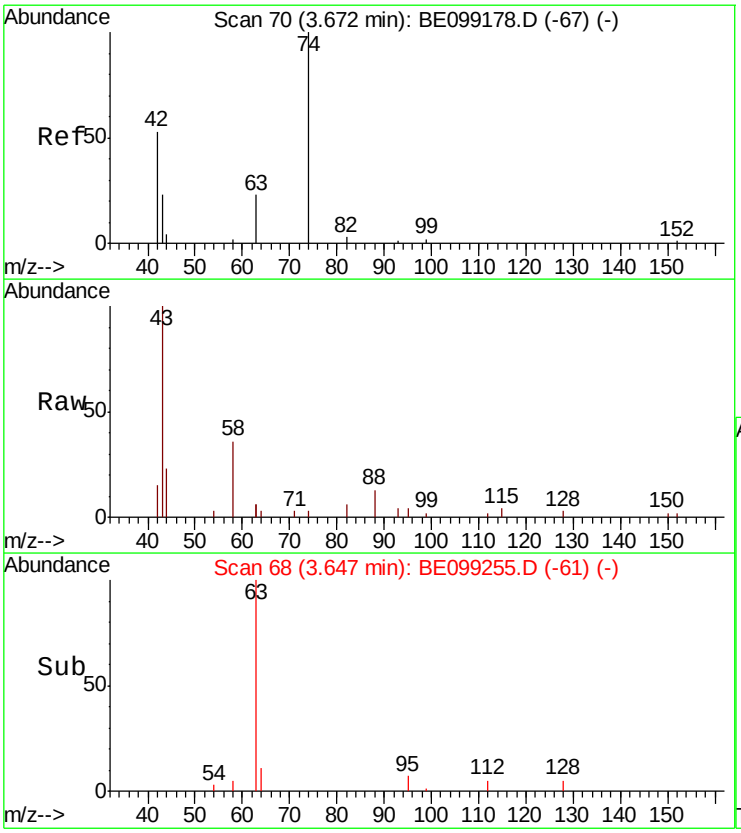
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:152 Resp: 3622

Ion	Ratio	Lower	Upper
152	100		
150	154.8	112.8	169.2
115	63.4	45.1	67.7

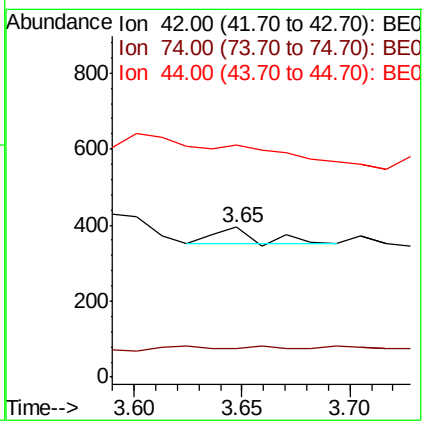


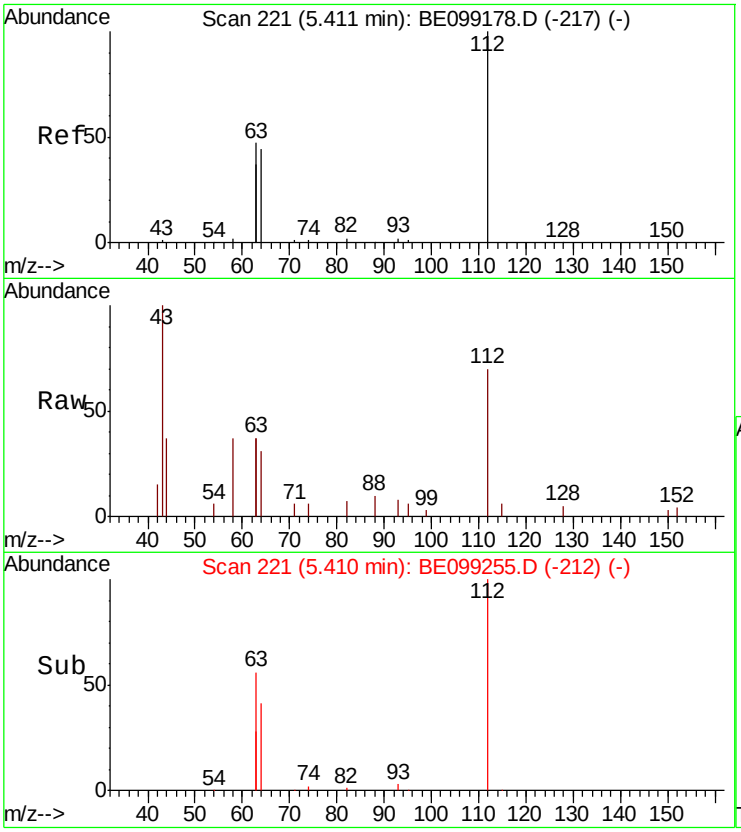


#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.65 min Scan# 68
Delta R.T. -0.02 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion: 42 Resp: 67

Ion	Ratio	Lower	Upper
42	100		
74	16.4	138.6	207.8#
44	0.0	15.0	22.6#



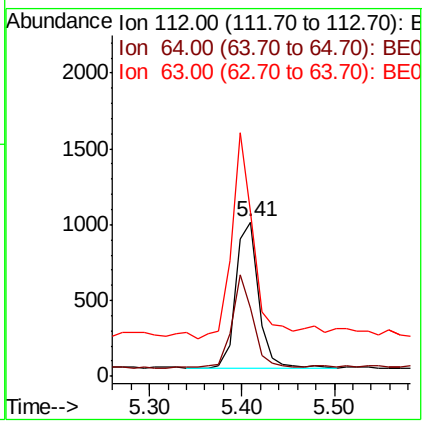


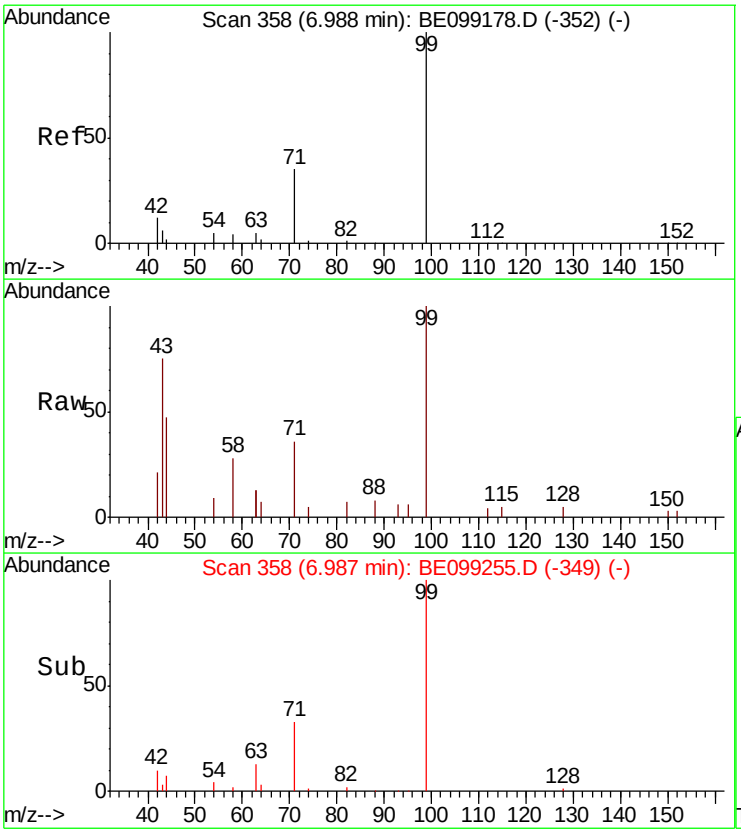
#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:112 Resp: 1683

Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.2	69.2
63	134.0	89.9	134.9

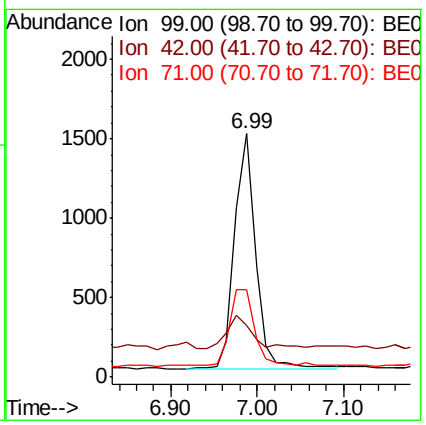


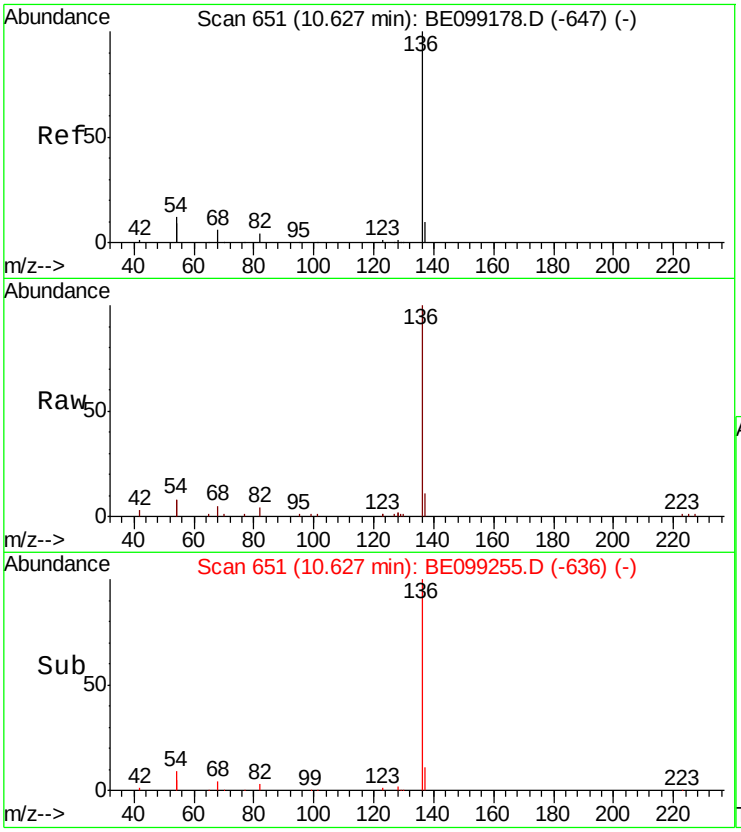


#5
Phenol-d6
Concen: 0.151 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion: 99 Resp: 2500

Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.4	18.6
71	38.7	28.4	42.6



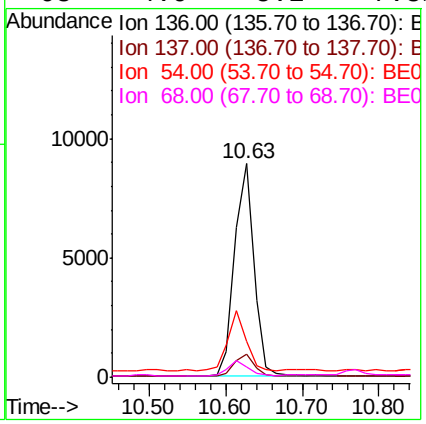


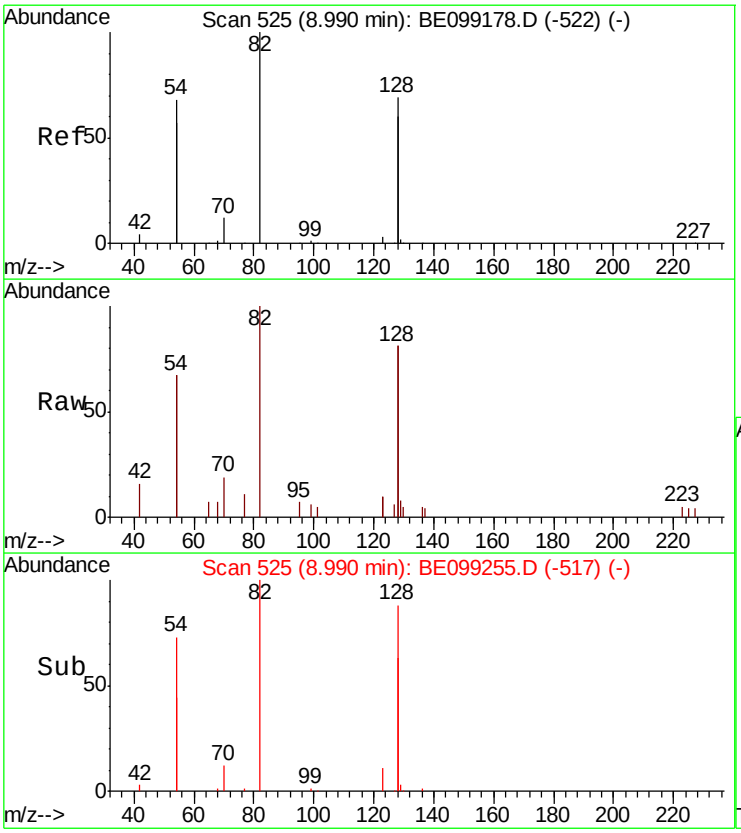
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:136 Resp: 15666

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	17.0	18.7	28.1#
68	4.9	5.2	7.8#

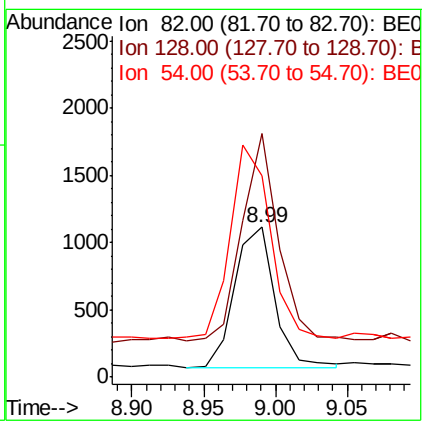


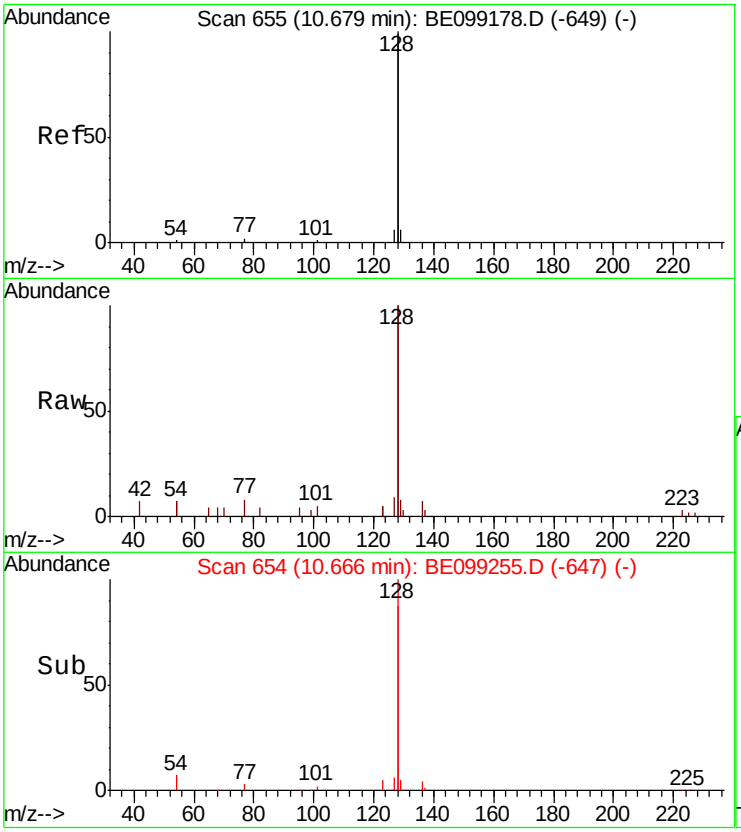


#8
Nitrobenzene-d5
Concen: 0.157 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion: 82 Resp: 2008

Ion	Ratio	Lower	Upper
82	100		
128	162.2	107.5	161.3#
54	134.3	106.3	159.5



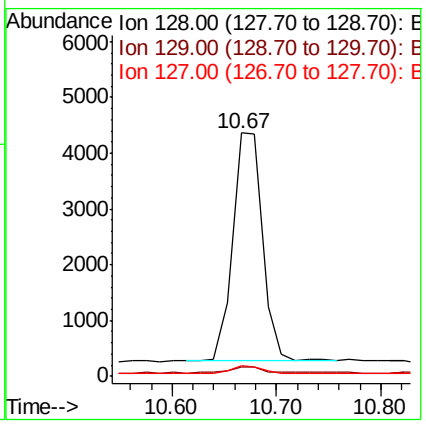


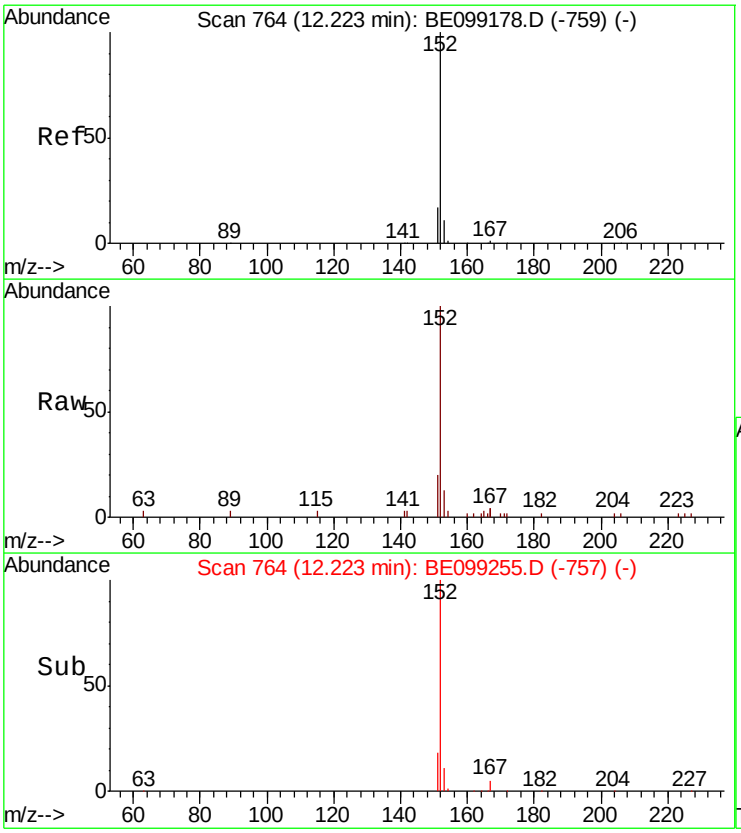
#9
Naphthalene
Concen: 0.044 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:128 Resp: 8127

Ion	Ratio	Lower	Upper
128	100		
129	3.9	2.3	3.5#
127	4.4	2.6	3.8#

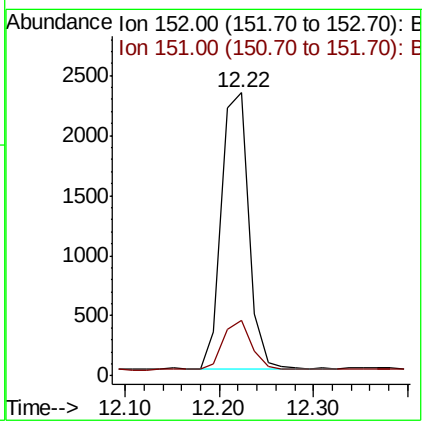


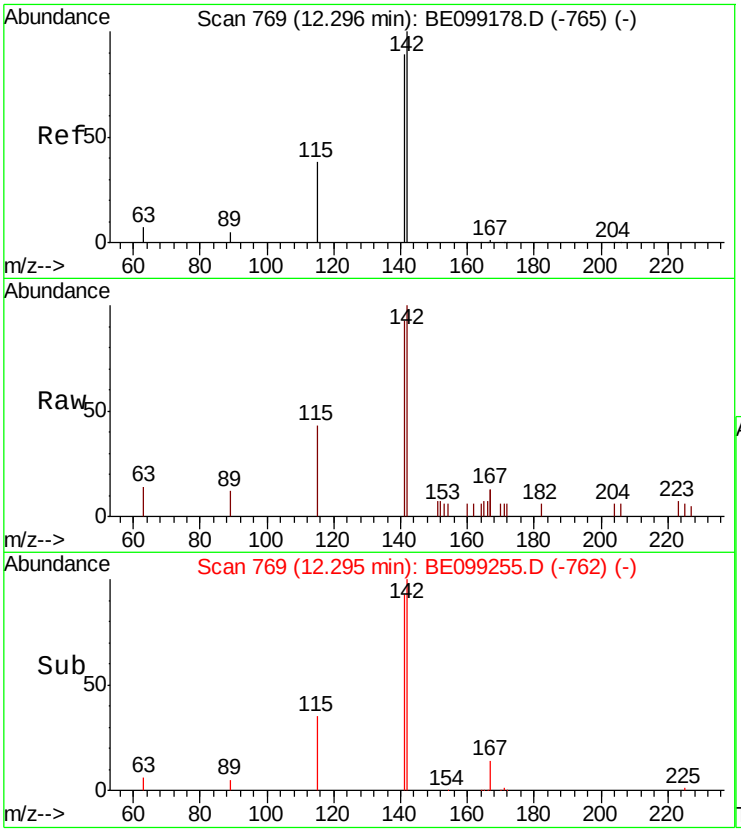


#11
2-Methylnaphthalene-d10
Concen: 0.154 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:152 Resp: 4646

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.0	22.6



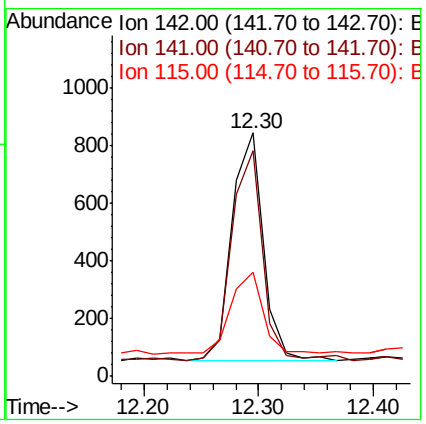


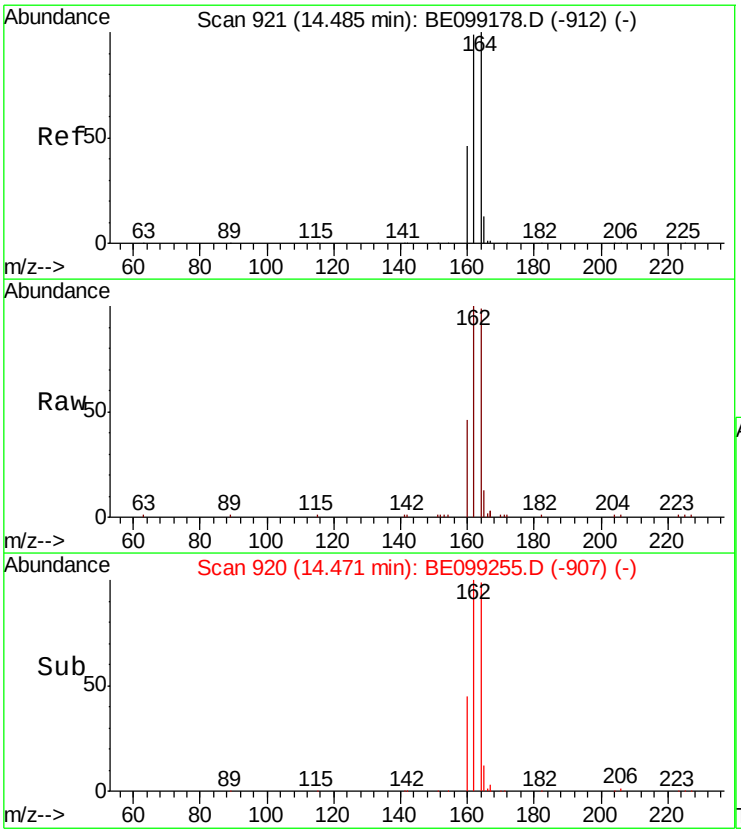
#12
2-Methylnaphthalene
Concen: 0.045 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:142 Resp: 1497

Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.3	106.9
115	42.8	30.4	45.6

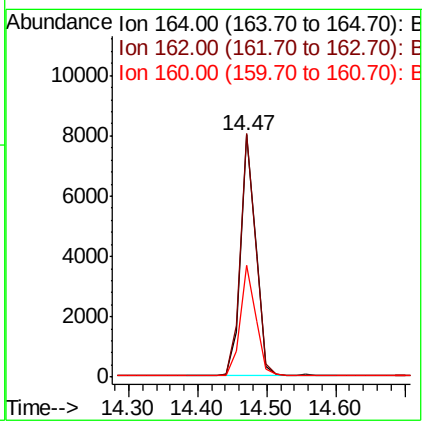


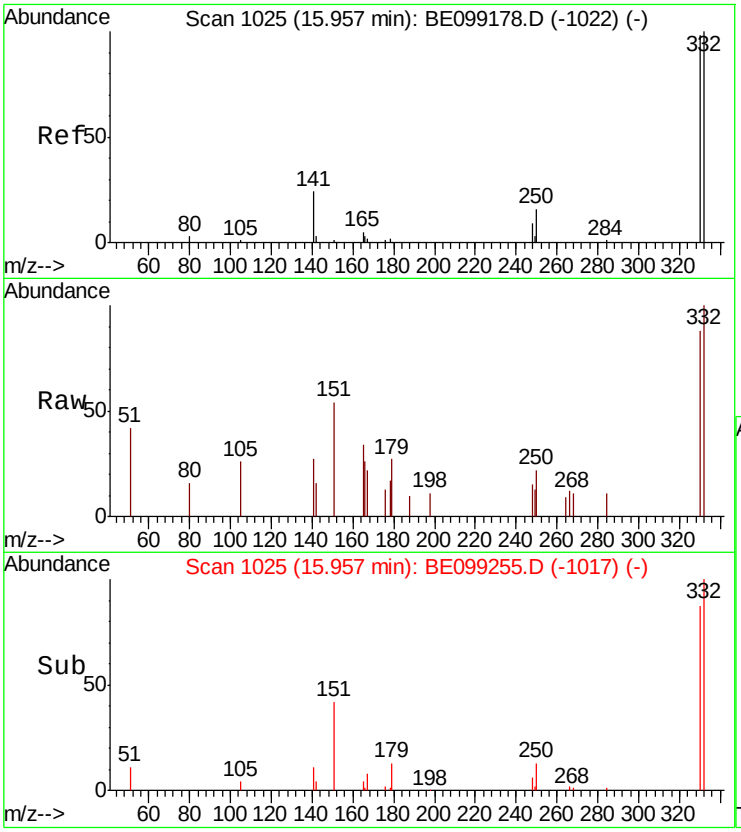


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:164 Resp: 12046

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.2	118.8
160	46.1	36.7	55.1



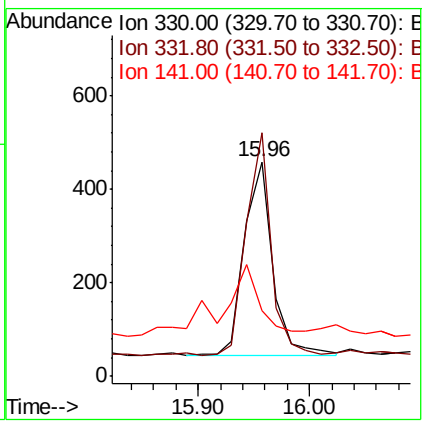


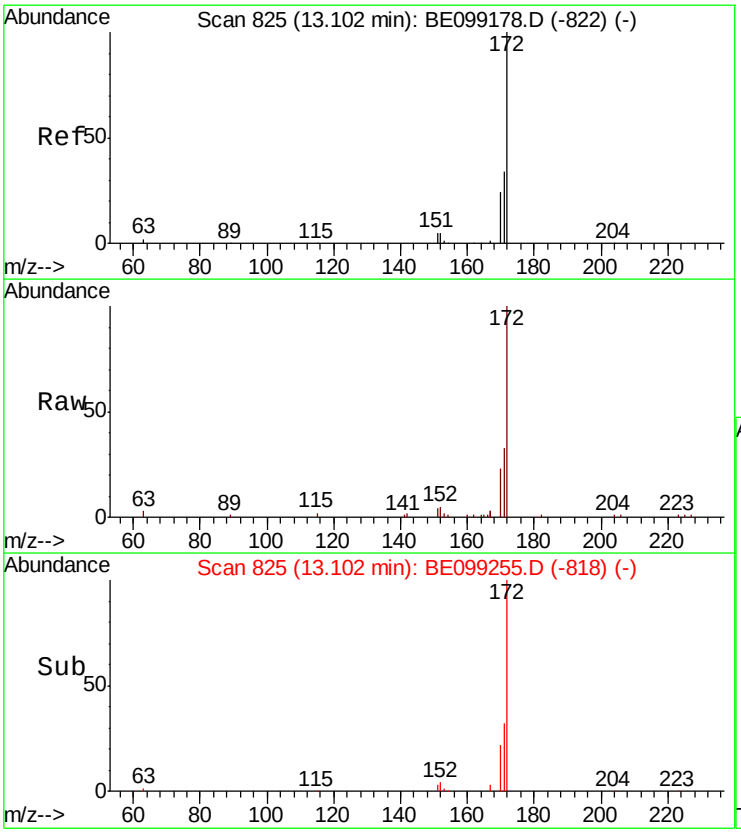
#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:330 Resp: 728

Ion	Ratio	Lower	Upper
330	100		
332	101.5	71.3	106.9
141	37.9	21.7	32.5#

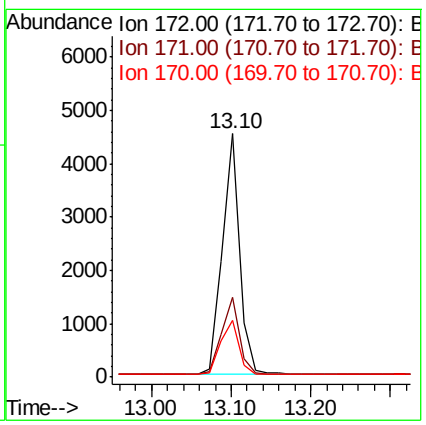


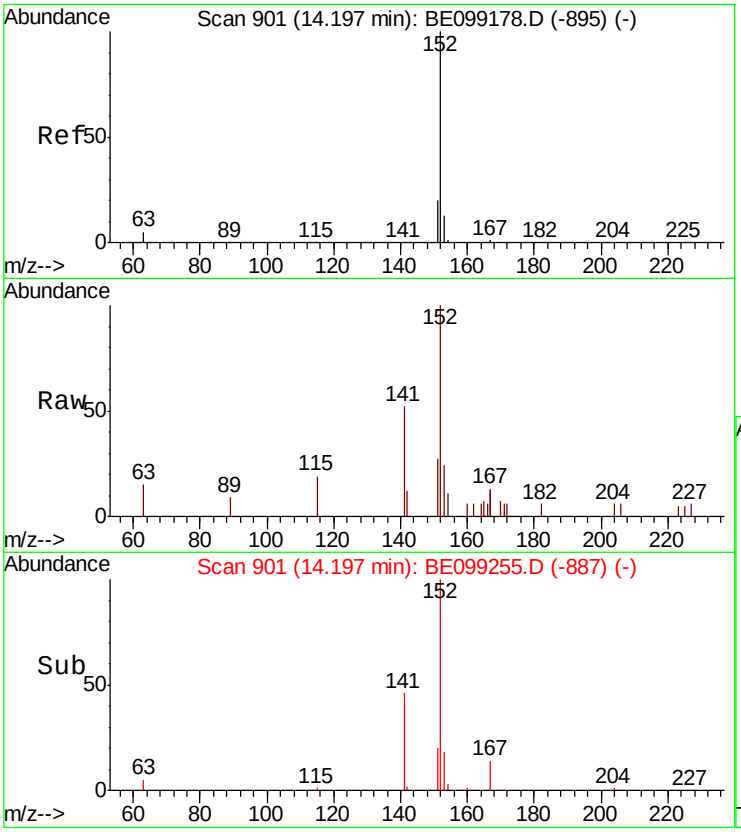


#15
2-Fluorobiphenyl
Concen: 0.138 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:172 Resp: 6801

Ion	Ratio	Lower	Upper
172	100		
171	32.5	27.4	41.0
170	23.2	19.1	28.7



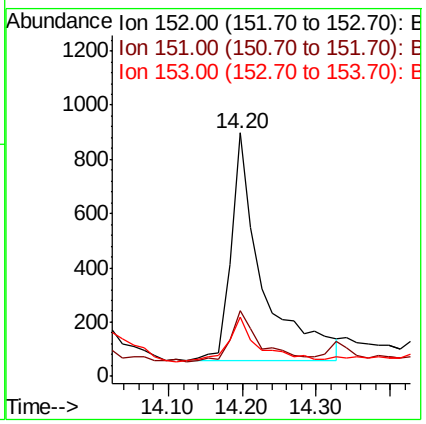


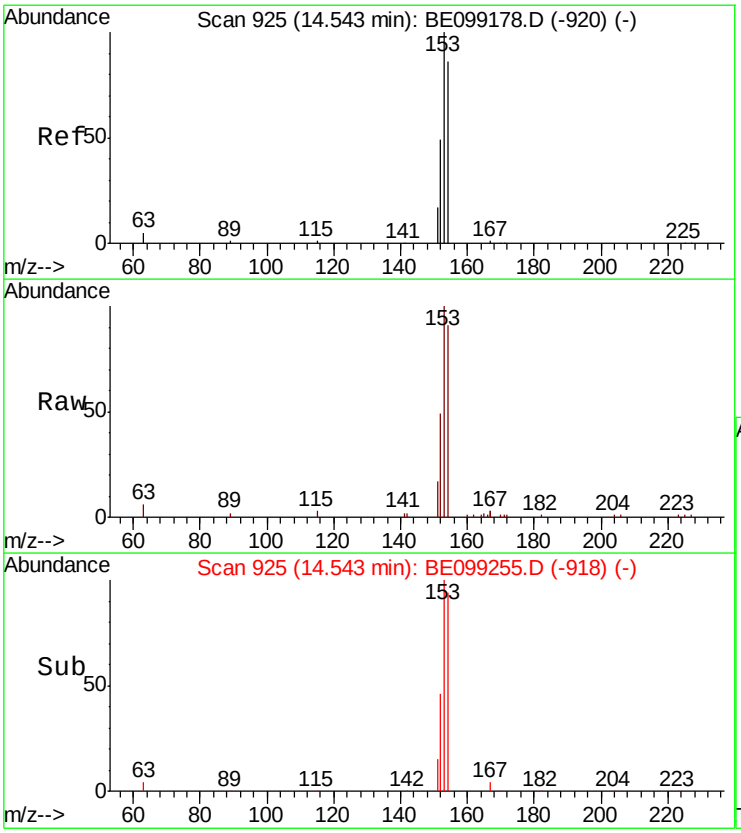
#16
Acenaphthylene
Concen: 0.041 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:152 Resp: 2492

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.7	23.5
153	19.2	10.6	15.8#

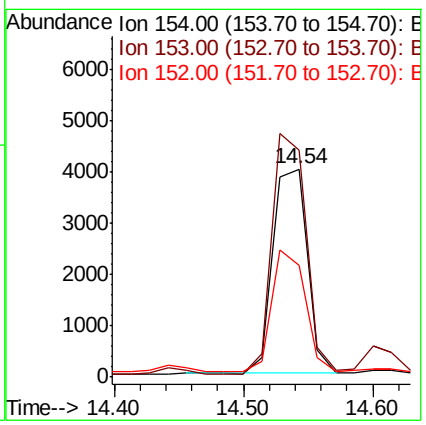


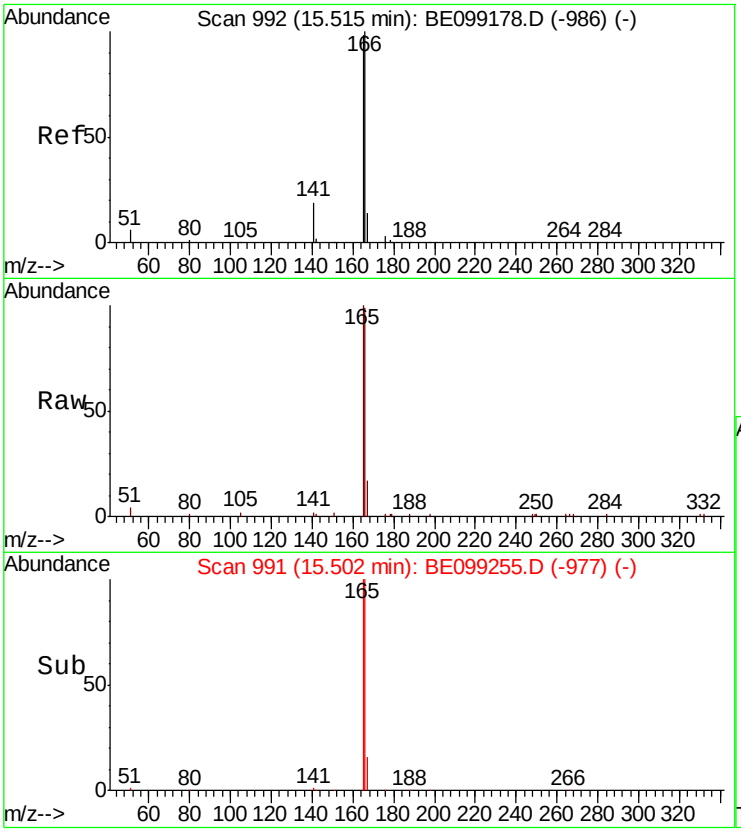


#17
Acenaphthene
Concen: 0.203 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:154 Resp: 7460

Ion	Ratio	Lower	Upper
154	100		
153	116.2	93.4	140.0
152	57.9	46.6	69.8



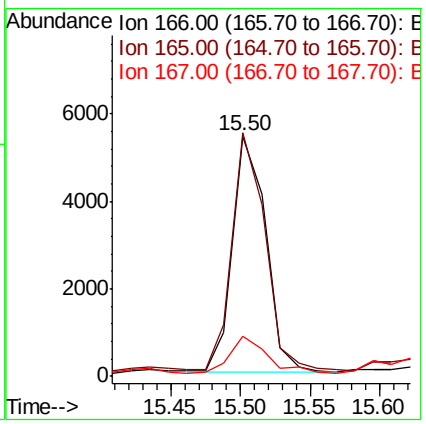


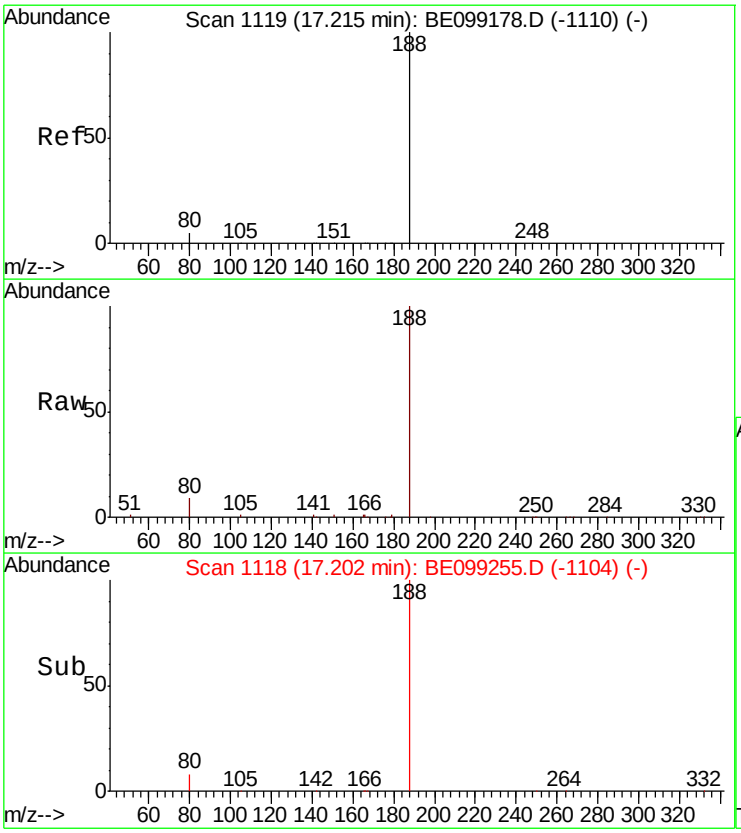
#18
Fluorene
Concen: 0.173 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:166 Resp: 8957

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.9	118.3
167	17.2	10.9	16.3#

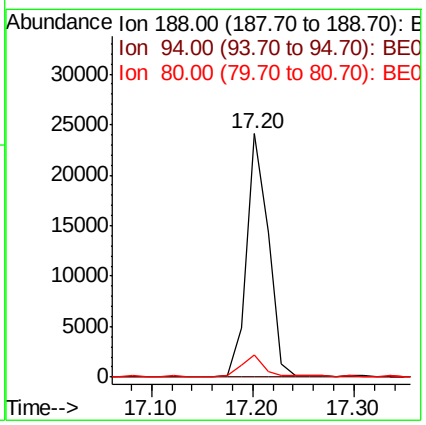


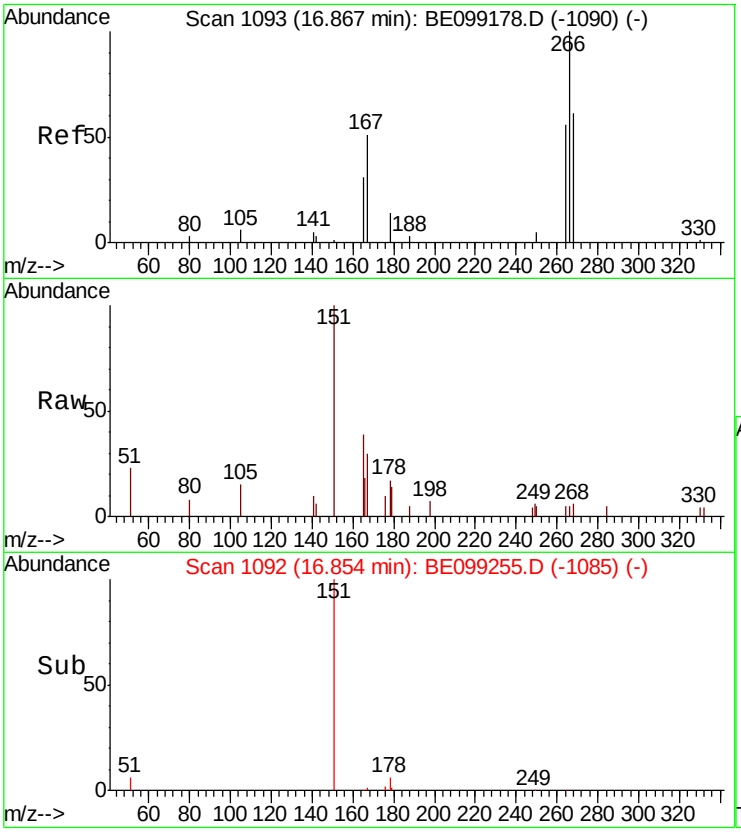


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:188 Resp: 36101

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	4.5	6.7#



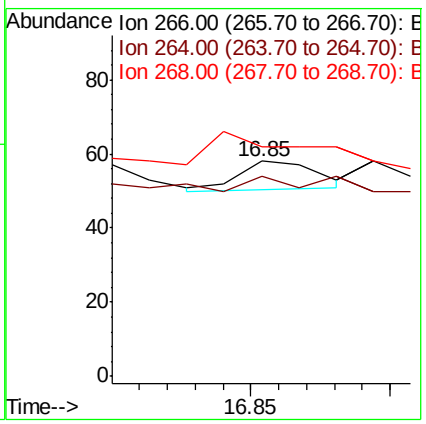


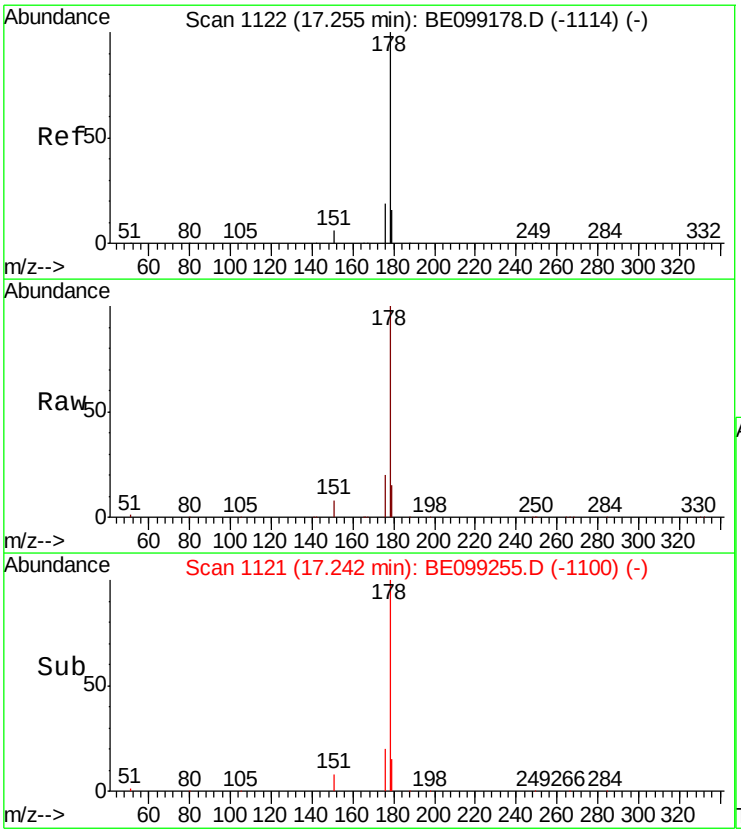
#22
Pentachlorophenol
Concen: 0.243 ng
RT: 16.85 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	93.1	54.4	81.6#
268	106.9	61.3	91.9#

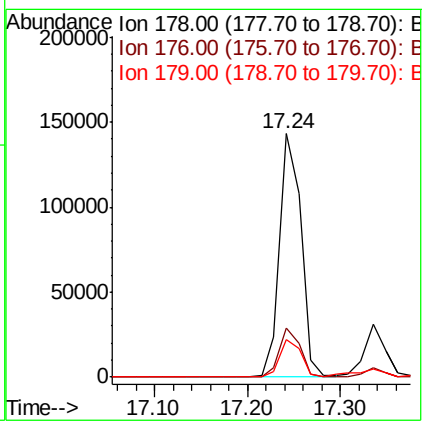


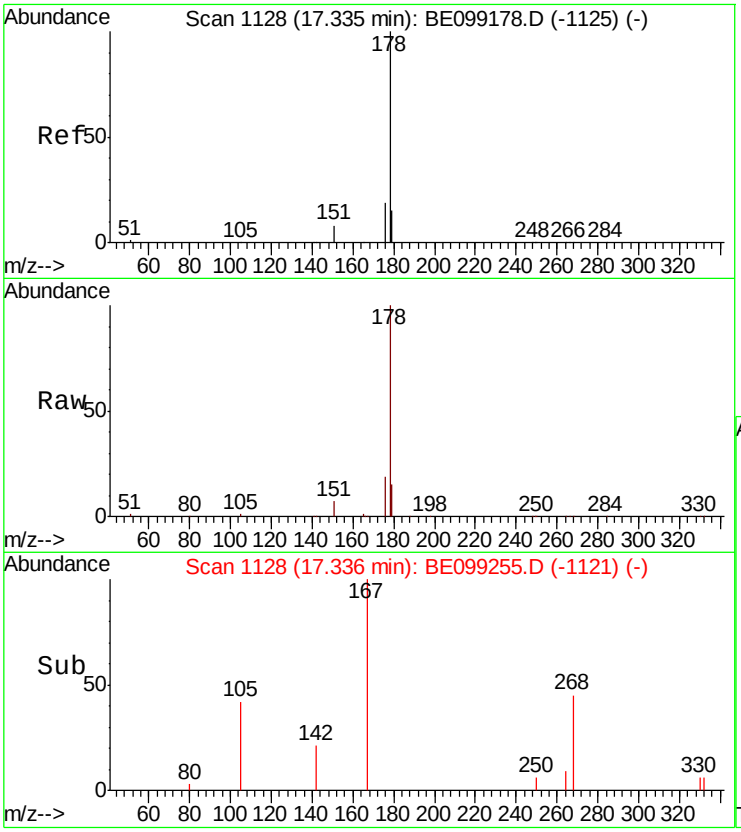


#23
Phenanthrene
Concen: 2.178 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:178 Resp: 230866

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.3	18.5



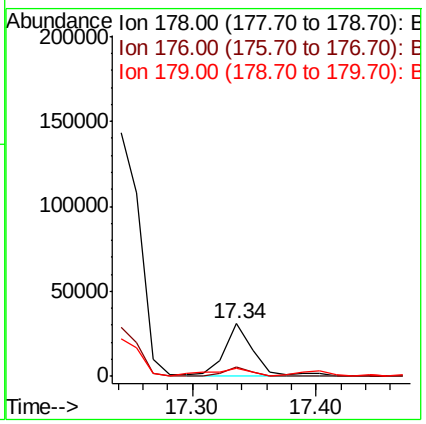


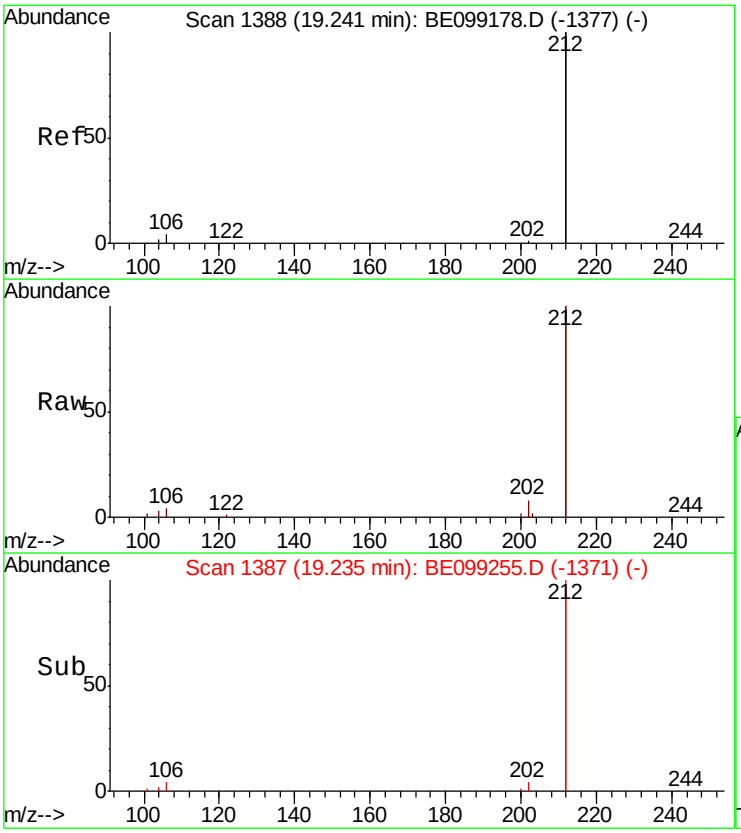
#24
Anthracene
Concen: 0.493 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:178 Resp: 47217

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	20.0	12.4	18.6#

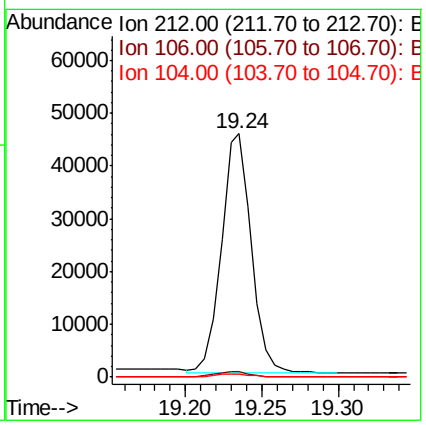


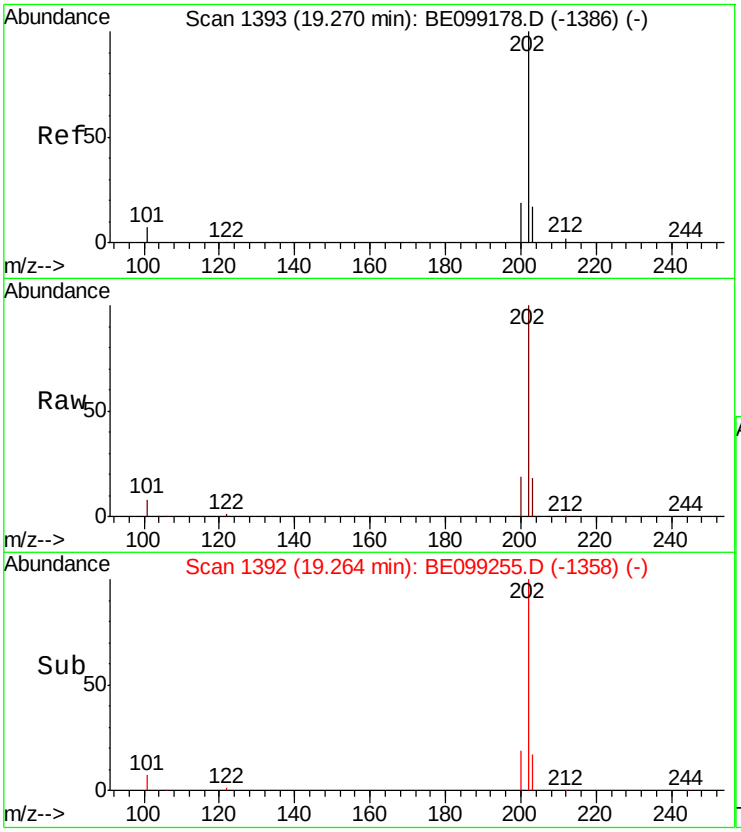


#25
Fluoranthene-d10
Concen: 0.142 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:212 Resp: 61955

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.1	1.7



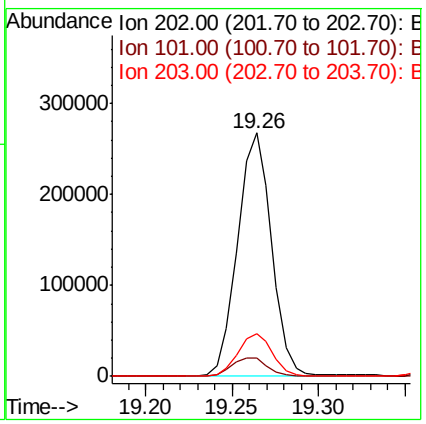


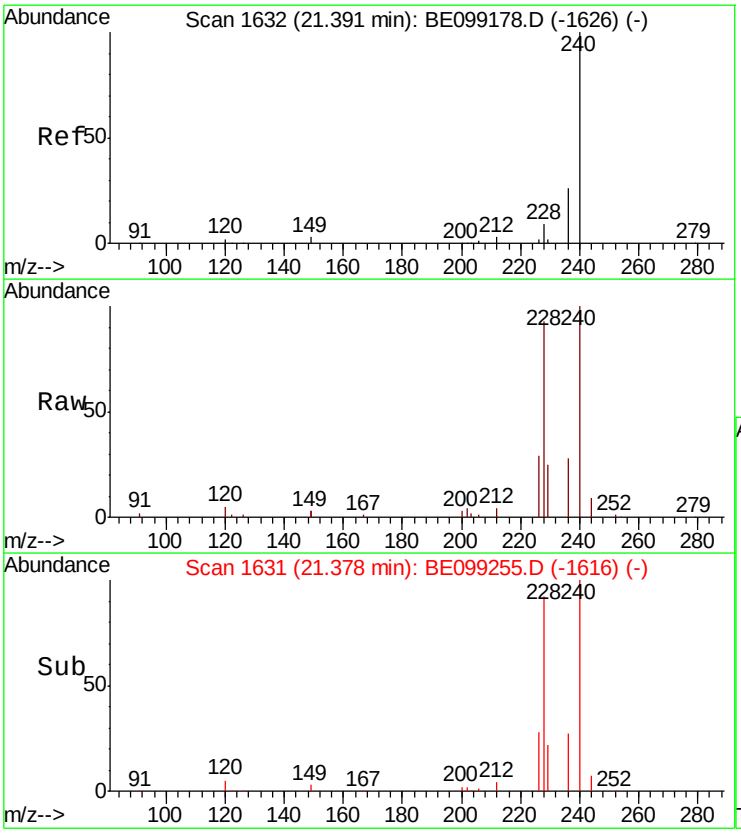
#26
Fluoranthene
Concen: 2.699 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:202 Resp: 365150

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.4
203	17.6	13.8	20.6

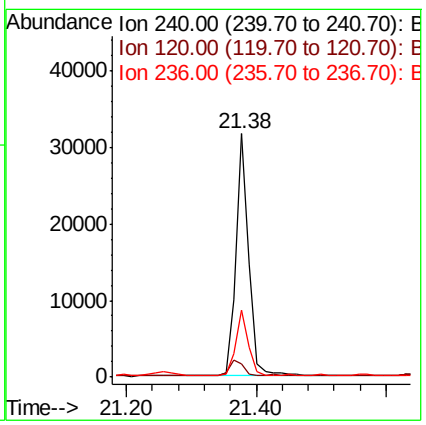


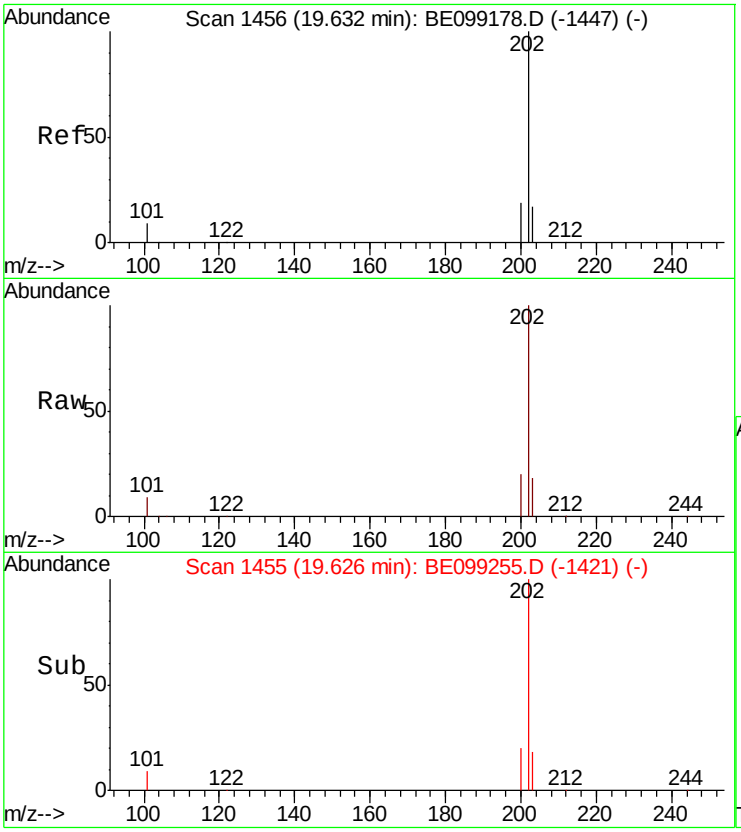


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:240 Resp: 43739

Ion	Ratio	Lower	Upper
240	100		
120	5.4	2.6	3.8#
236	27.7	20.9	31.3



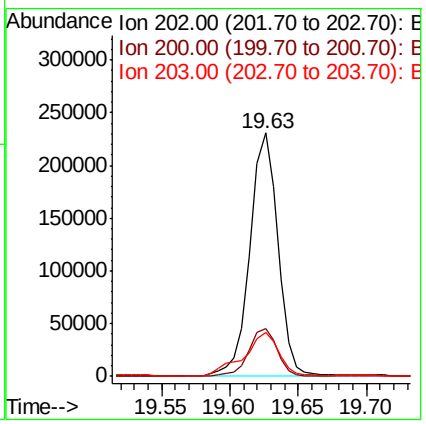


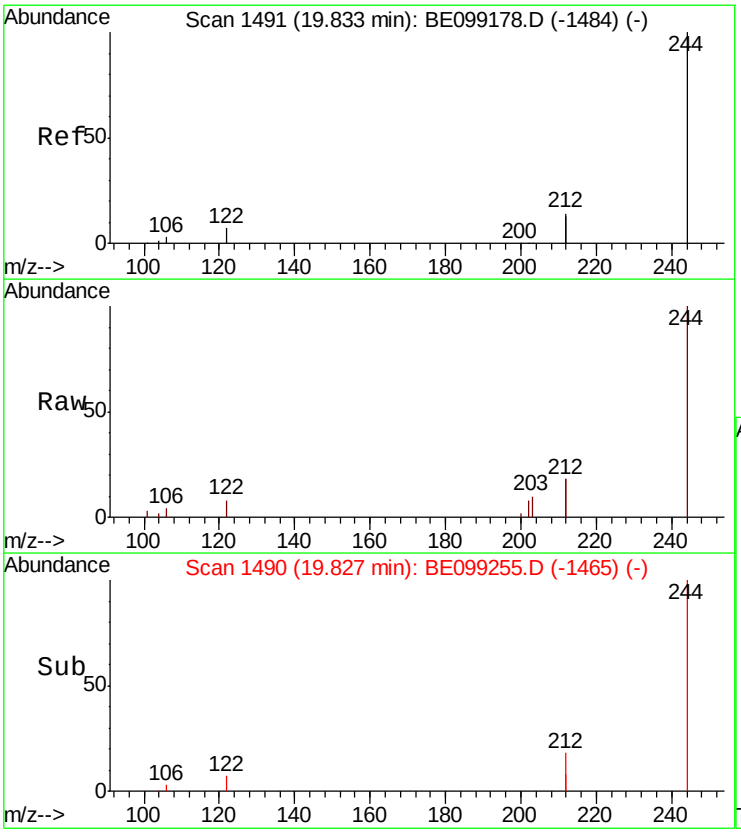
#28
Pyrene
Concen: 2.233 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:202 Resp: 324463

Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.8	23.8
203	22.4	14.1	21.1#

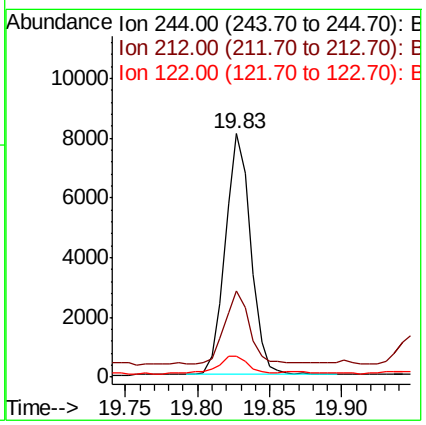


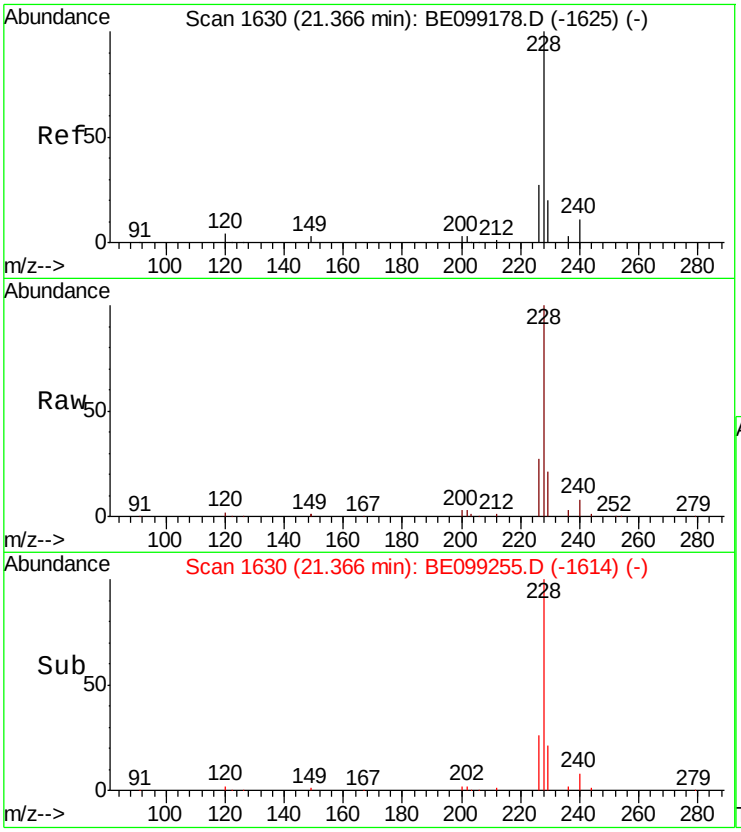


#29
Terphenyl-d14
Concen: 0.104 ng
RT: 19.83 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:244 Resp: 9924

Ion	Ratio	Lower	Upper
244	100		
212	35.4	22.7	34.1#
122	8.3	5.8	8.6



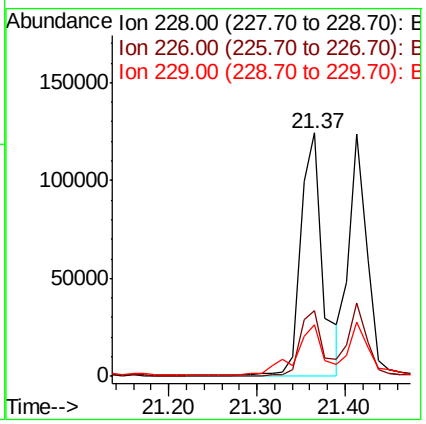


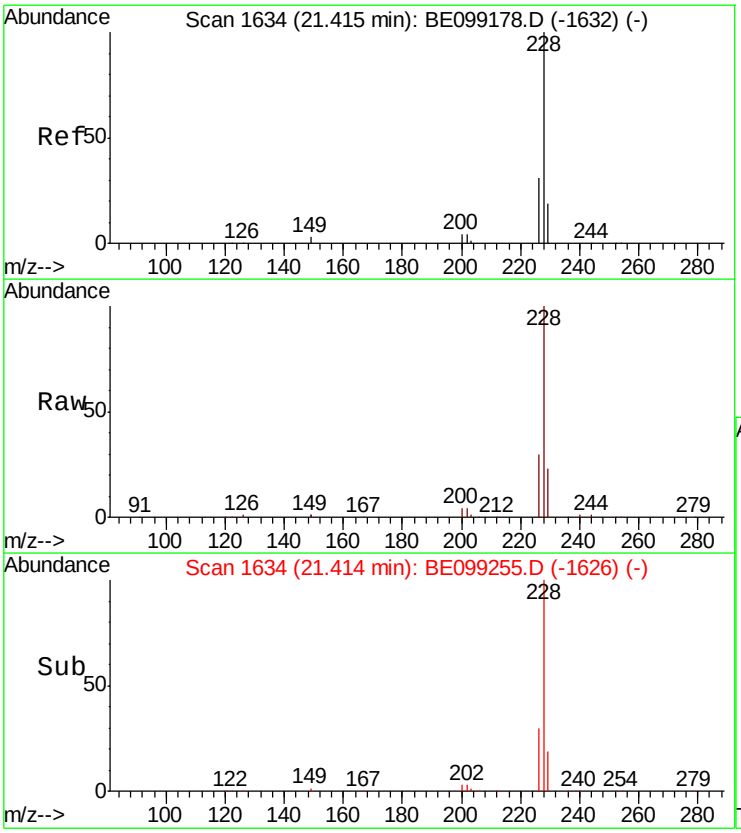
#30
Benzo(a)anthracene
Concen: 1.475 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:228 Resp: 212851

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	21.5	15.9	23.9

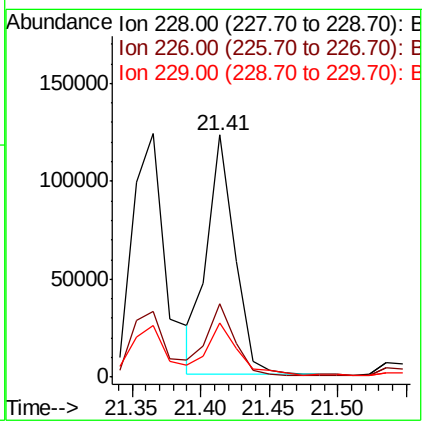


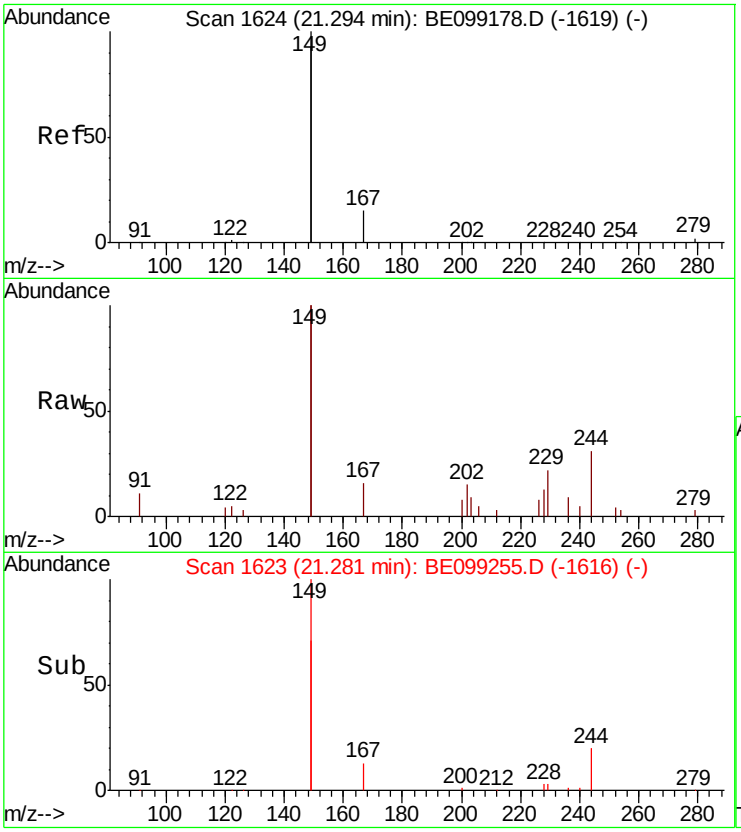


#31
Chrysene
Concen: 1.115 ng
RT: 21.41 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:228 Resp: 171940

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	22.6	15.4	23.0



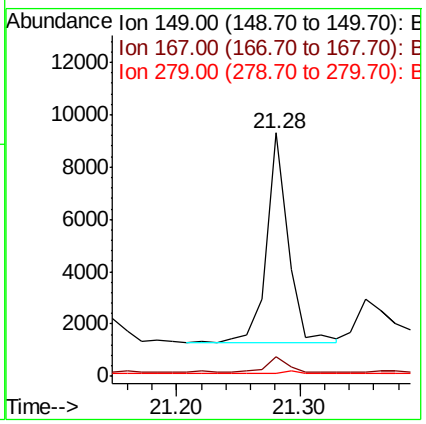


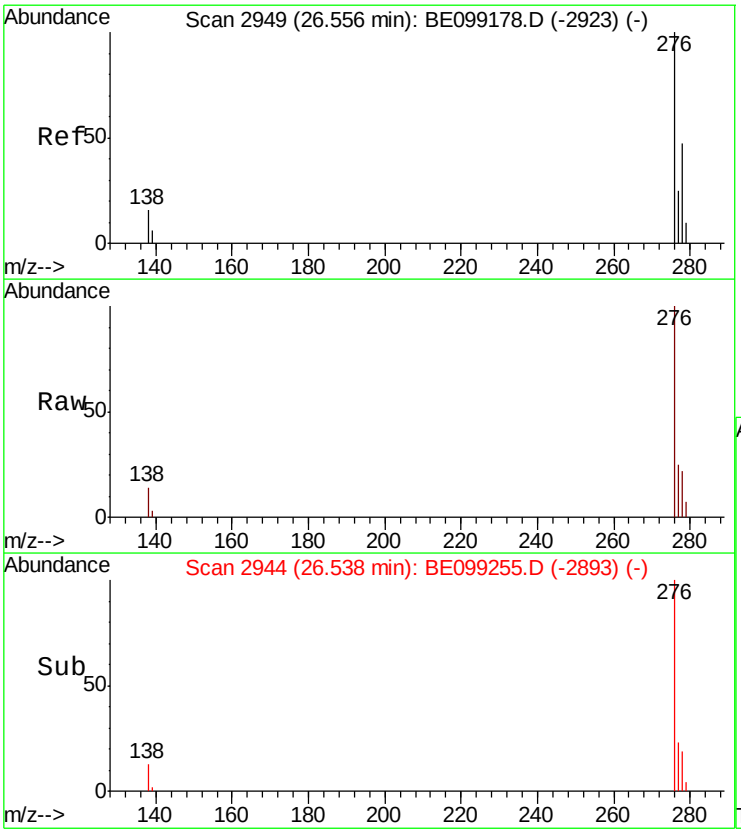
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.057 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:149 Resp: 9898

Ion	Ratio	Lower	Upper
149	100		
167	7.4	5.9	8.9
279	1.6	1.0	1.6#

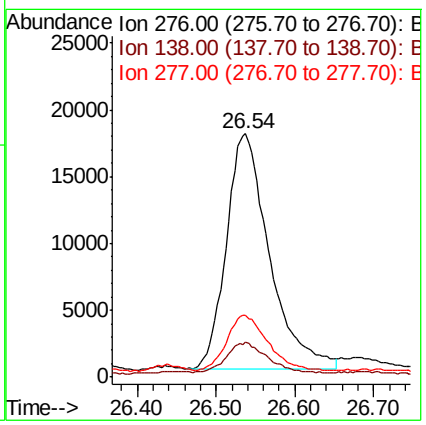


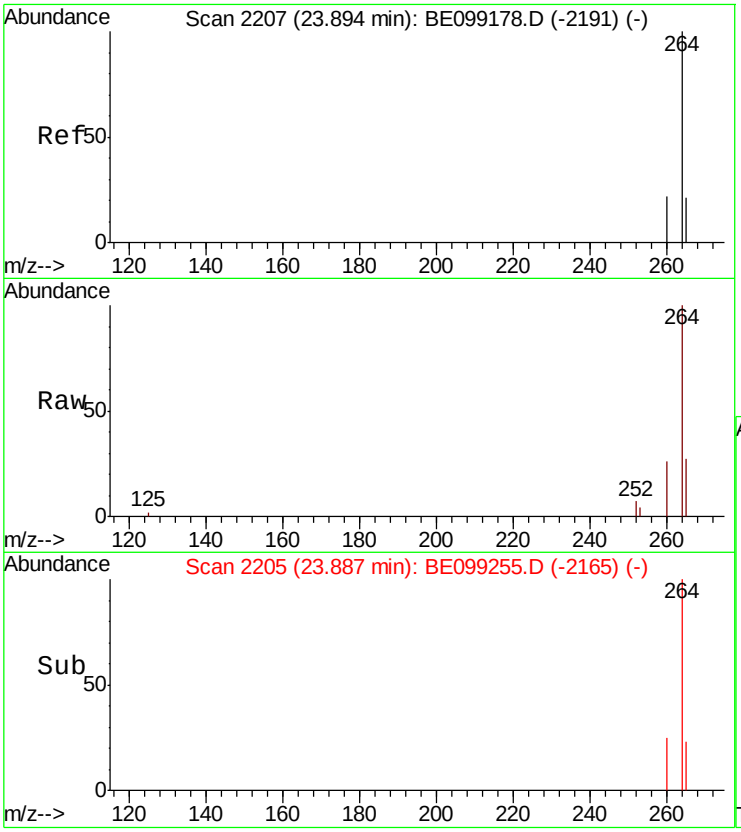


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:276 Resp: 66820

Ion	Ratio	Lower	Upper
276	100		
138	12.1	12.9	19.3#
277	22.5	18.3	27.5



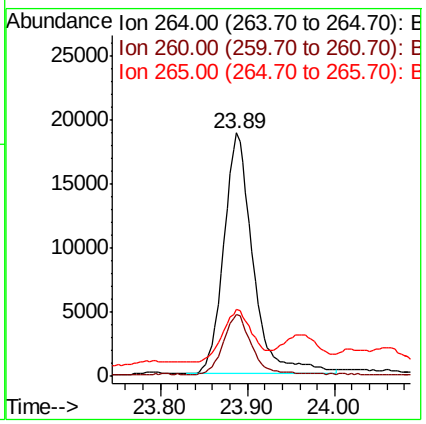


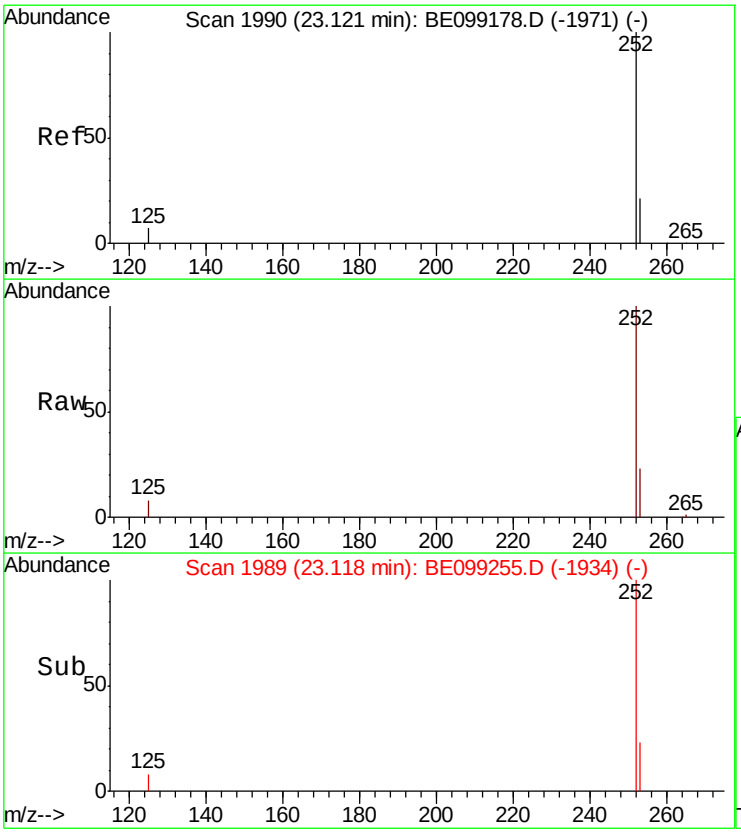
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:264 Resp: 43686

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.2	27.2
265	27.4	21.8	32.8

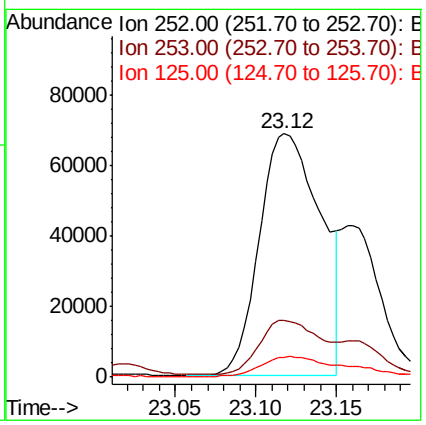


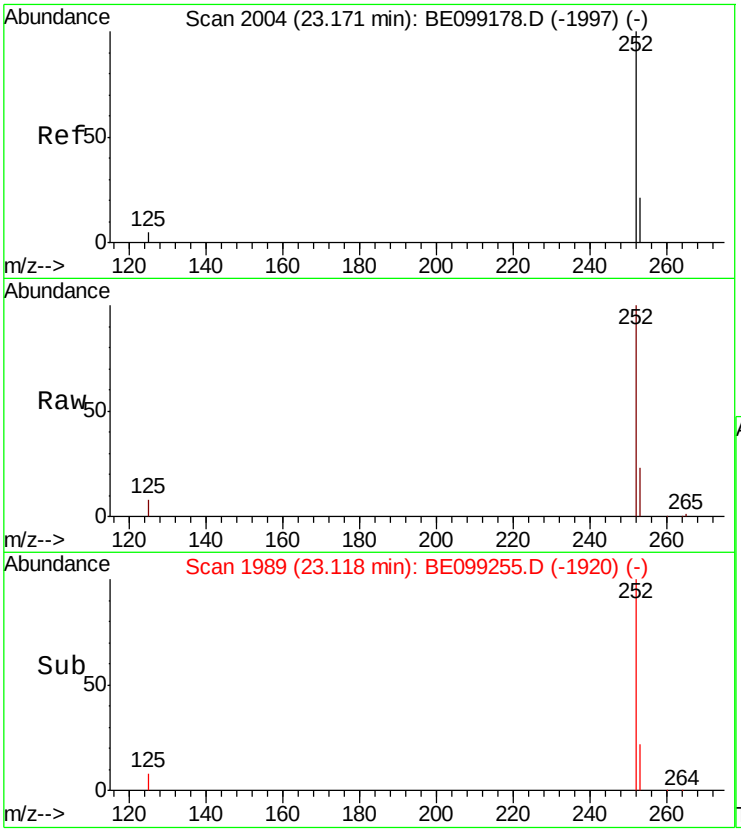


#35
Benzo(b)fluoranthene
Concen: 1.274 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:252 Resp: 183127

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	8.0	6.1	9.1



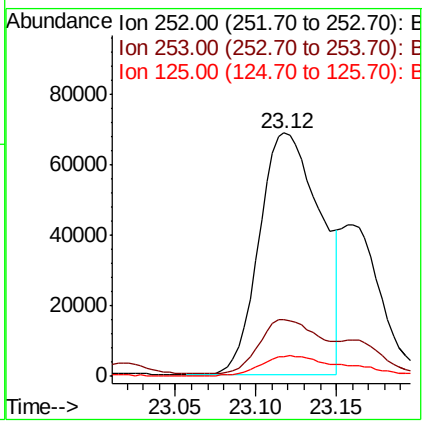


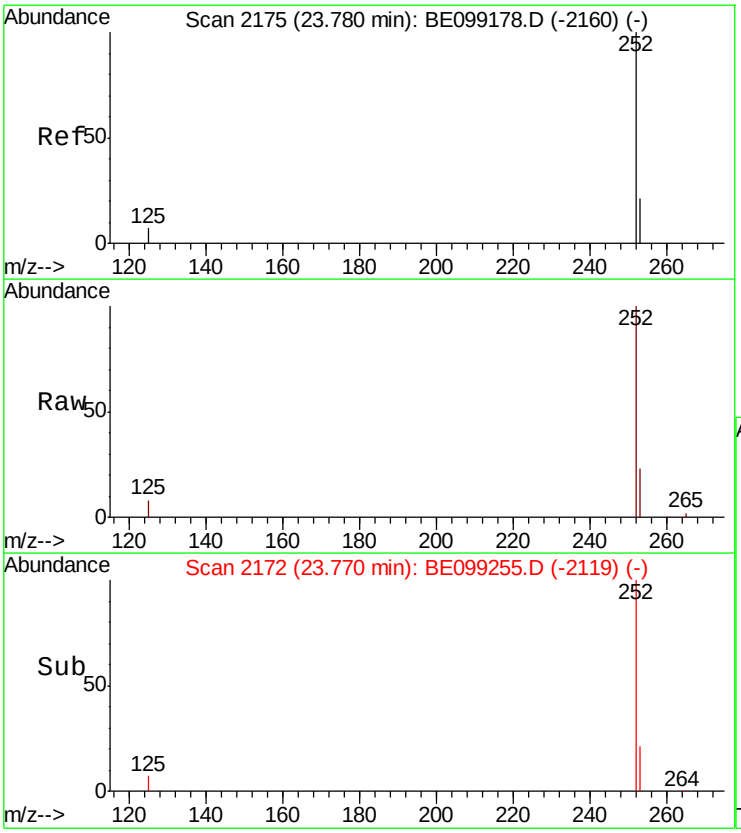
#36
Benzo(k)fluoranthene
Concen: 1.205 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:252 Resp: 183127

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	8.0	5.9	8.9

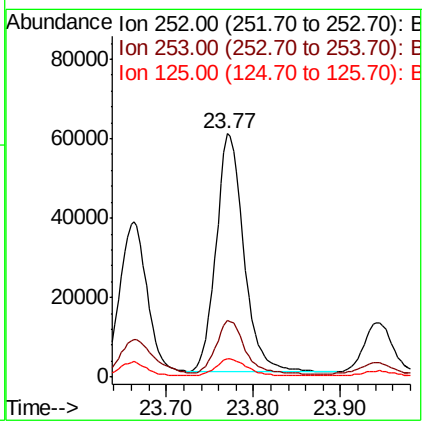


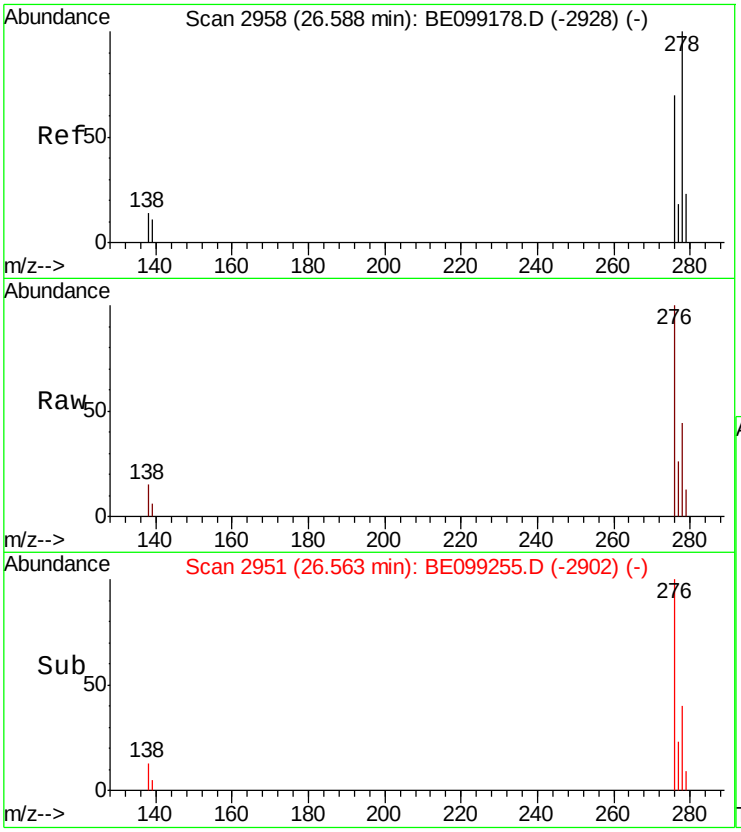


#37
Benzo(a)pyrene
Concen: 0.988 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:252 Resp: 132706

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	7.6	6.8	10.2



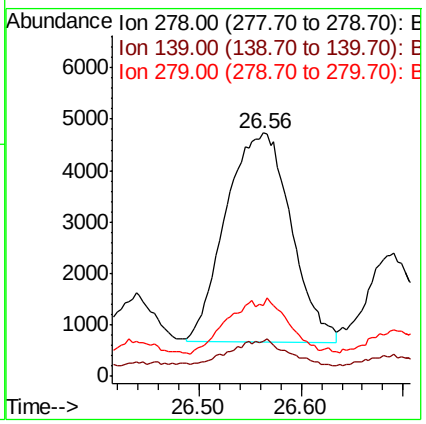


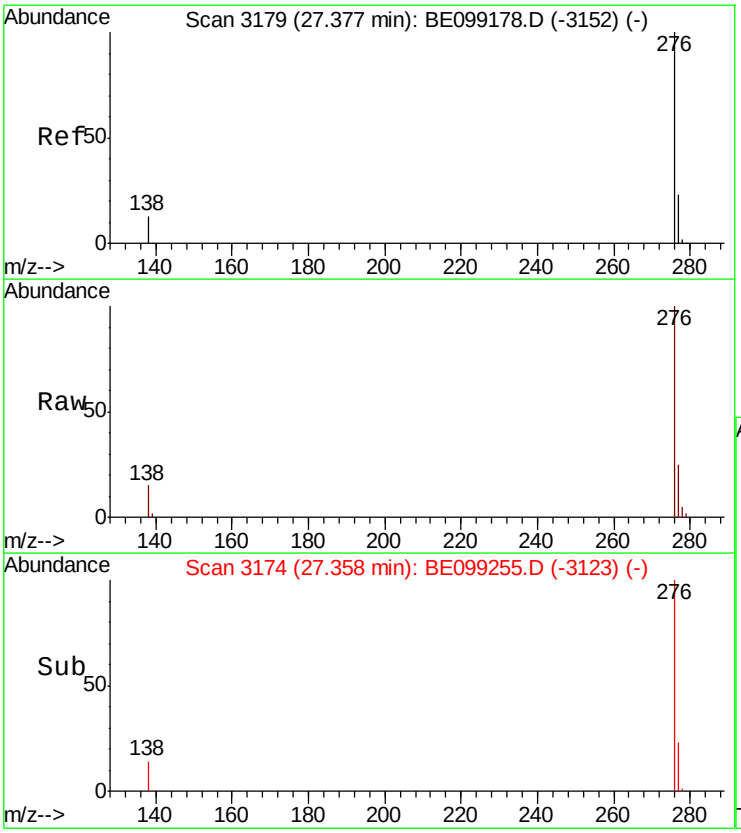
#38
Dibenzo(a,h)anthracene
Concen: 0.152 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.03 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW012-032519

Tgt Ion:278 Resp: 18073

Ion	Ratio	Lower	Upper
278	100		
139	14.5	9.5	14.3#
279	29.3	19.1	28.7#





#39
Benzo(g,h,i)perylene
Concen: 0.525 ng
RT: 27.36 min Scan# 3174
Delta R.T. -0.02 min
Lab File: BE099255.D
Acq: 29 Mar 2019 15:13

Tgt Ion:276 Resp: 62742

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.4
138	14.9	11.1	16.7