Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099742.D
Acq On : 24 May 2019 14:58
Operator : JU/SJ
Sample : K3010-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : FESB-22(1.5-2)

Quant Time: May 24 21:33:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1266	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4270	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3088	0.40	ng	-0.01
19) Phenanthrene-d10	17.22	188	9375	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	14996	0.40	ng	-0.01
34) Perylene-d12	23.94	264	17978	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1513	0.47	ng	0.00
5) Phenol-d6	6.96	99	2102	0.50	ng	-0.01
8) Nitrobenzene-d5	8.97	82	1549	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	2737	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	892	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	4048	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	47336	0.37	ng	-0.01
29) Terphenyl-d14	19.85	244	9322	0.35	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	79	0.042	ng	# 34
3) n-Nitrosodimethylamine	3.62	42	21	0.020	ng	# 1
22) Pentachlorophenol	16.92	266	7	0.185	ng	# 78
26) Fluoranthene	19.29	202	847	0.023	ng	# 91
28) Pyrene	19.65	202	905	0.024	ng	94
32) Bis(2-ethylhexyl)phthalate	21.31	149	6881	0.140	ng	100
35) Benzo(b)fluoranthene	23.16	252	1054	0.021	ng	# 6
36) Benzo(k)fluoranthene	23.16	252	1054	0.021	ng	# 4

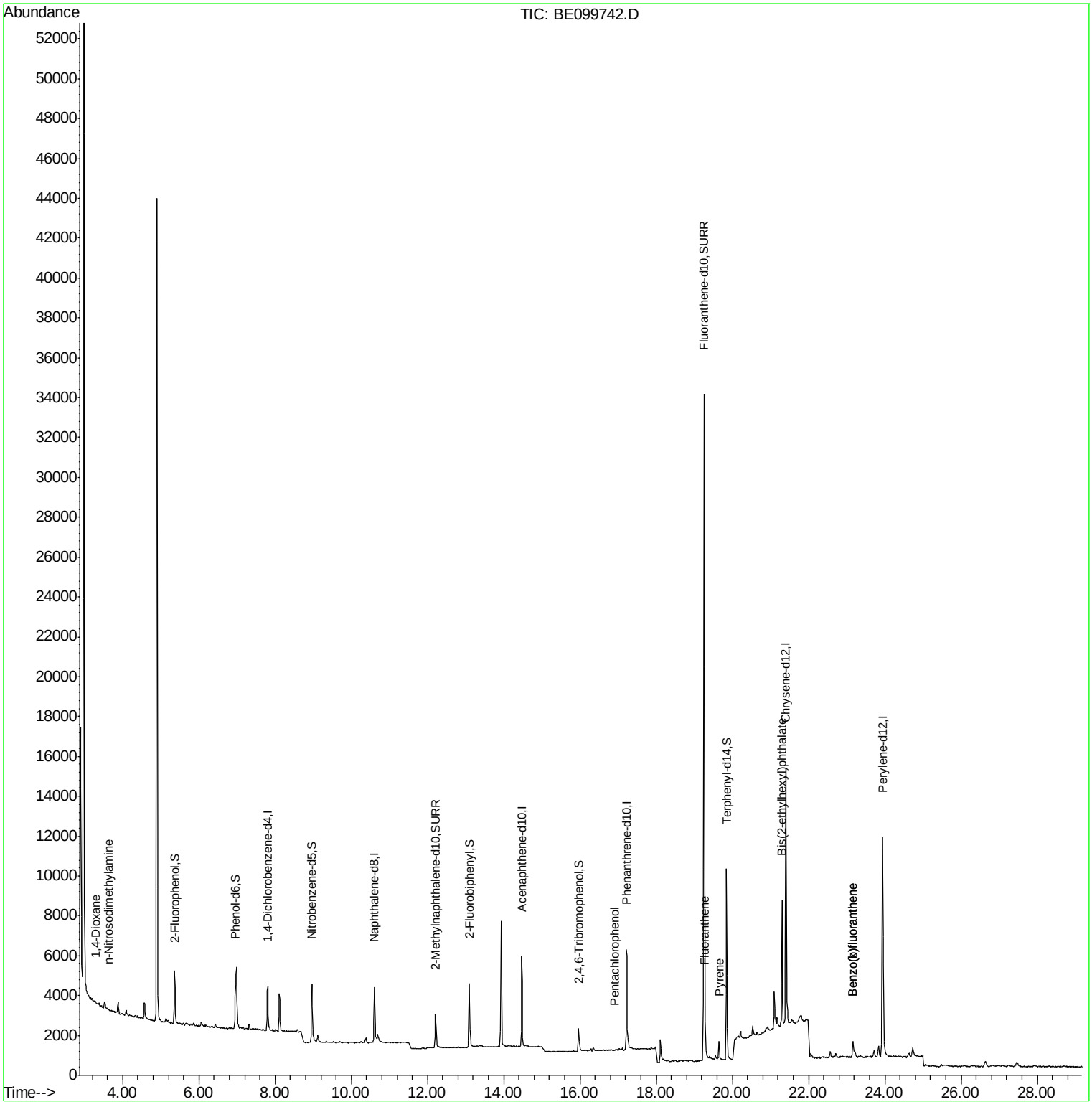
(#) = qualifier out of range (m) = manual integration (+) = signals summed

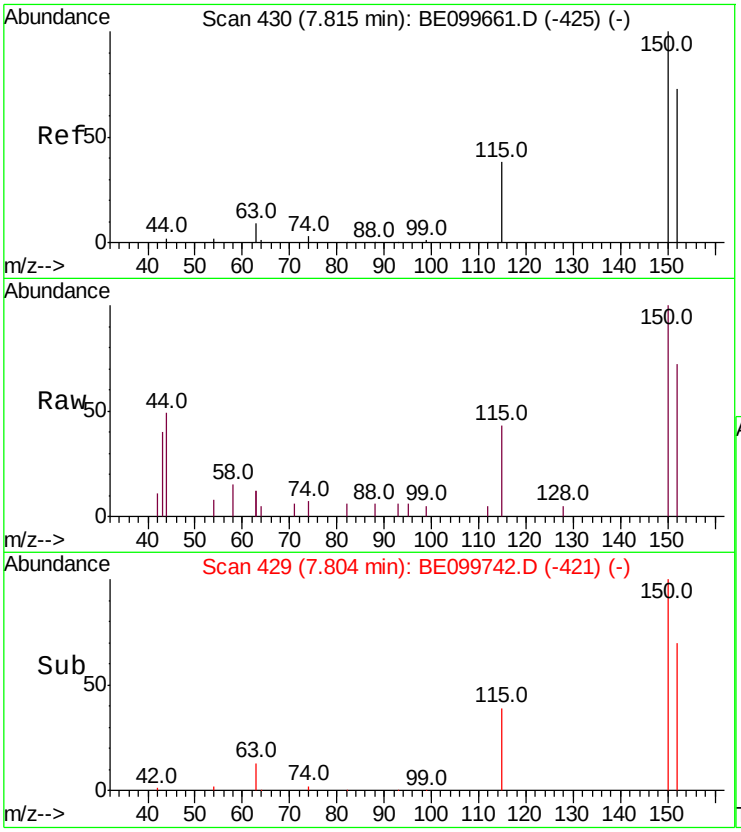
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052419\
Data File : BE099742.D
Acq On : 24 May 2019 14:58
Operator : JU/SJ
Sample : K3010-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Quant Time: May 24 21:33:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



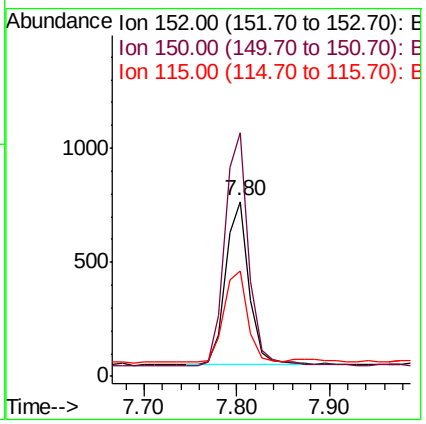


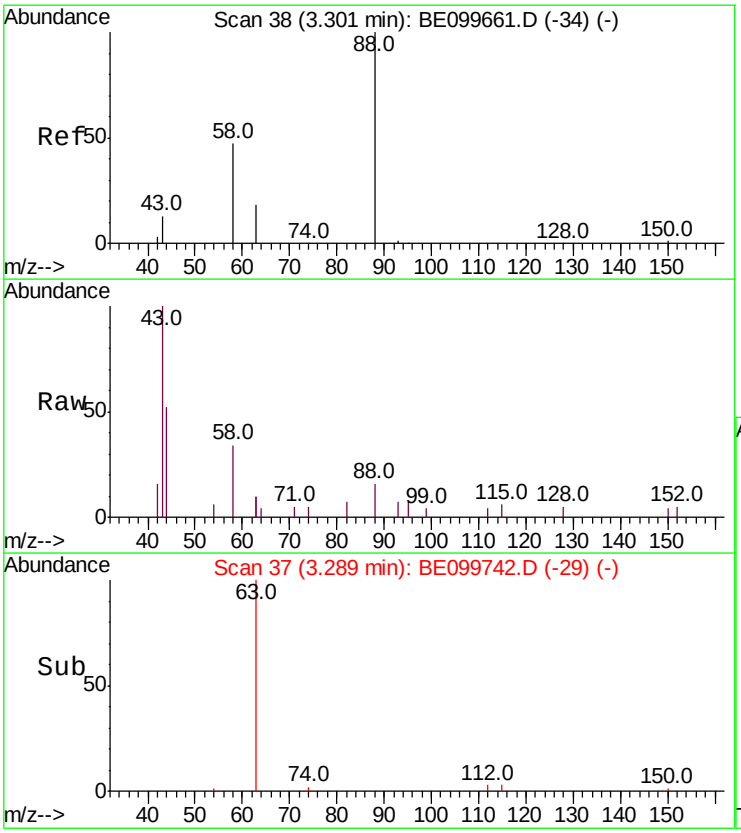
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion:152 Resp: 1266

Ion	Ratio	Lower	Upper
152	100		
150	139.3	109.2	163.8
115	60.1	43.7	65.5

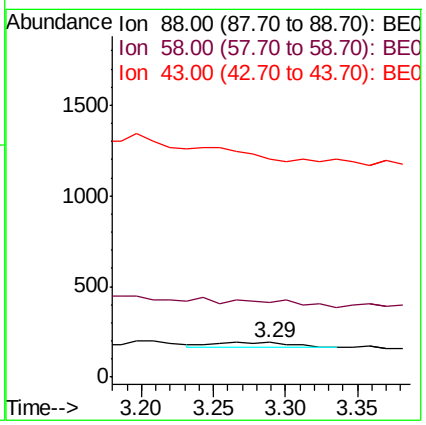


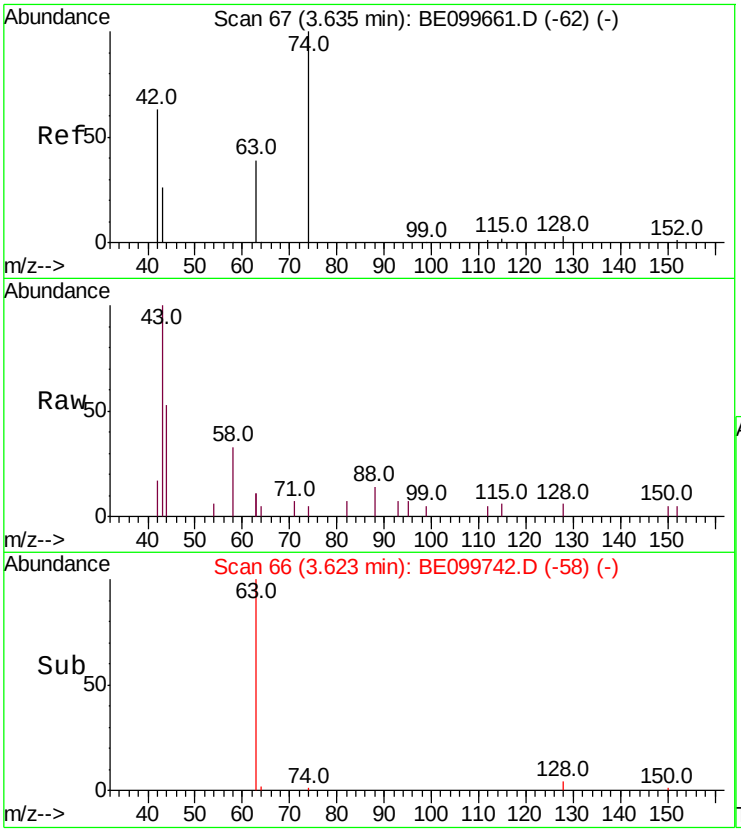


#2
1,4-Dioxane
Concen: 0.042 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
58	0.0	41.8	62.8#
43	0.0	15.0	22.4#



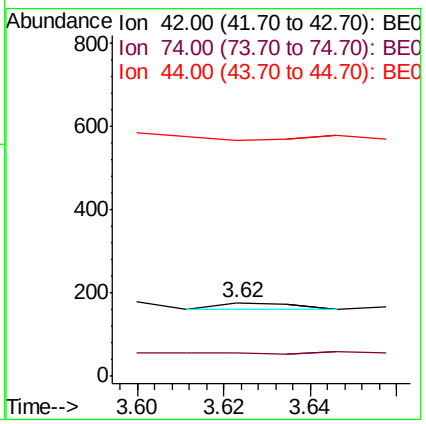


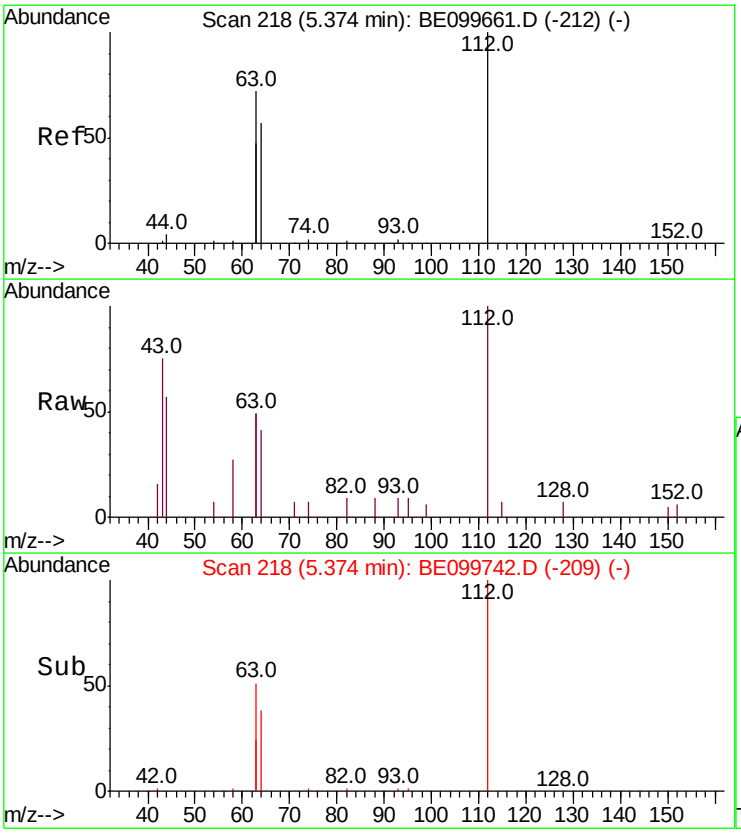
#3
n-Nitrosodimethylamine
Concen: 0.020 ng
RT: 3.62 min Scan# 66
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion: 42 Resp: 21

Ion	Ratio	Lower	Upper
42	100		
74	0.0	129.2	193.8#
44	0.0	0.0	0.0

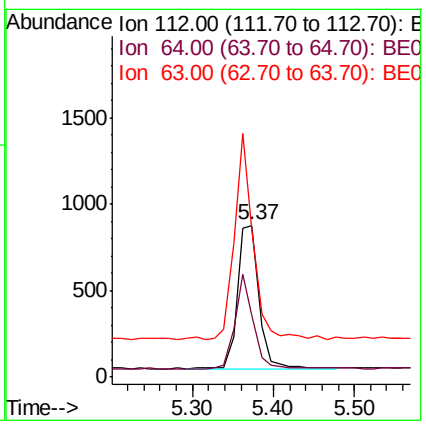


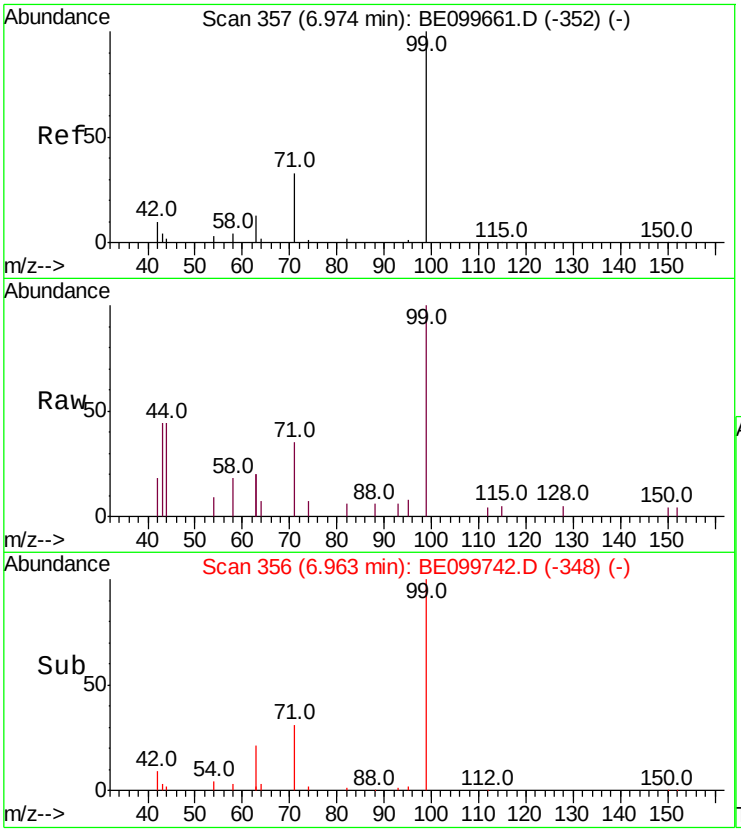


#4
2-Fluorophenol
Concen: 0.473 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:112 Resp: 1513

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.4	65.2
63	126.3	96.9	145.3



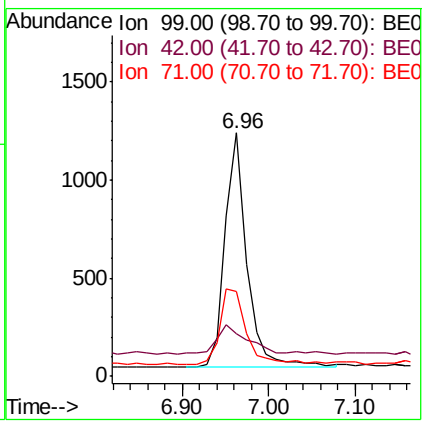


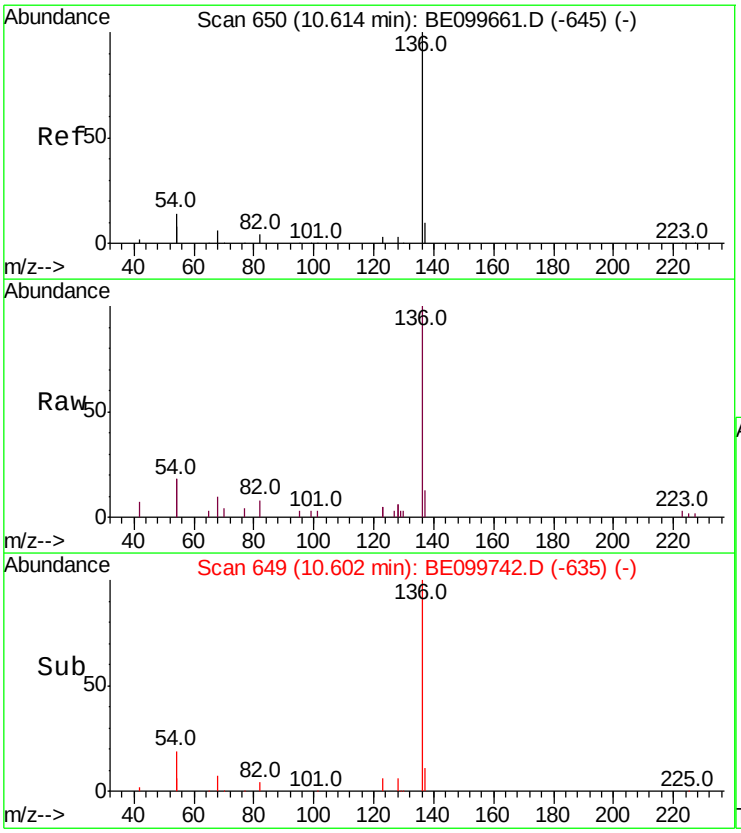
#5
Phenol-d6
Concen: 0.496 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion: 99 Resp: 2102

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.2	18.2
71	41.9	28.9	43.3

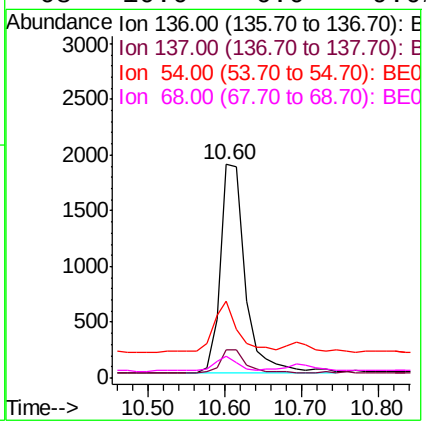


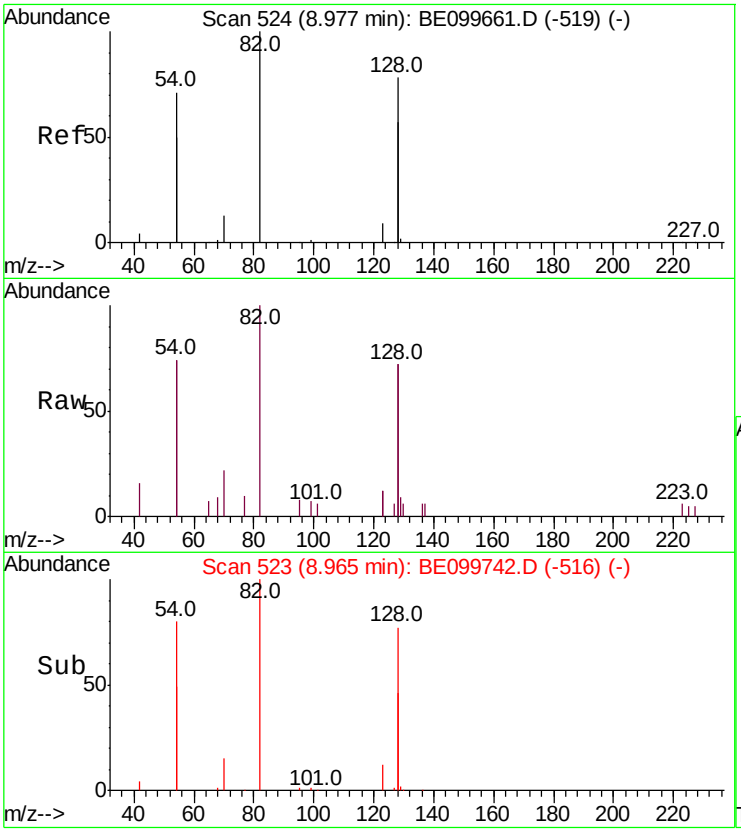


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:136 Resp: 4270

Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.0	13.6
54	36.1	22.3	33.5#
68	10.0	6.0	9.0#



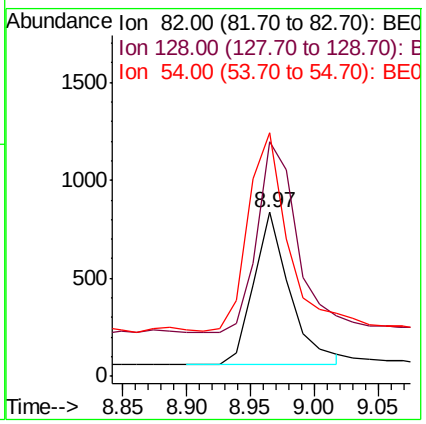


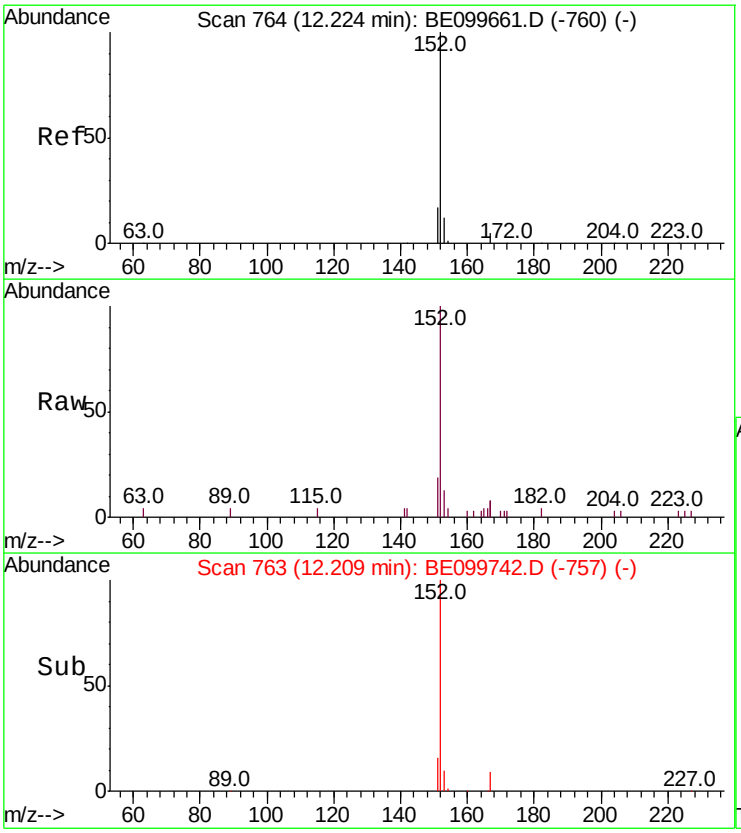
#8
Nitrobenzene-d5
Concen: 0.419 ng
RT: 8.97 min Scan# 523
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion: 82 Resp: 1549

Ion	Ratio	Lower	Upper
82	100		
128	143.1	117.7	176.5
54	148.4	106.6	160.0

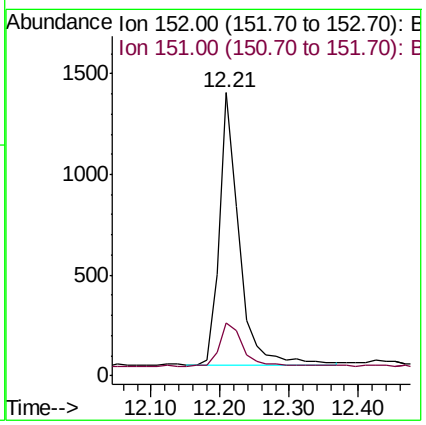


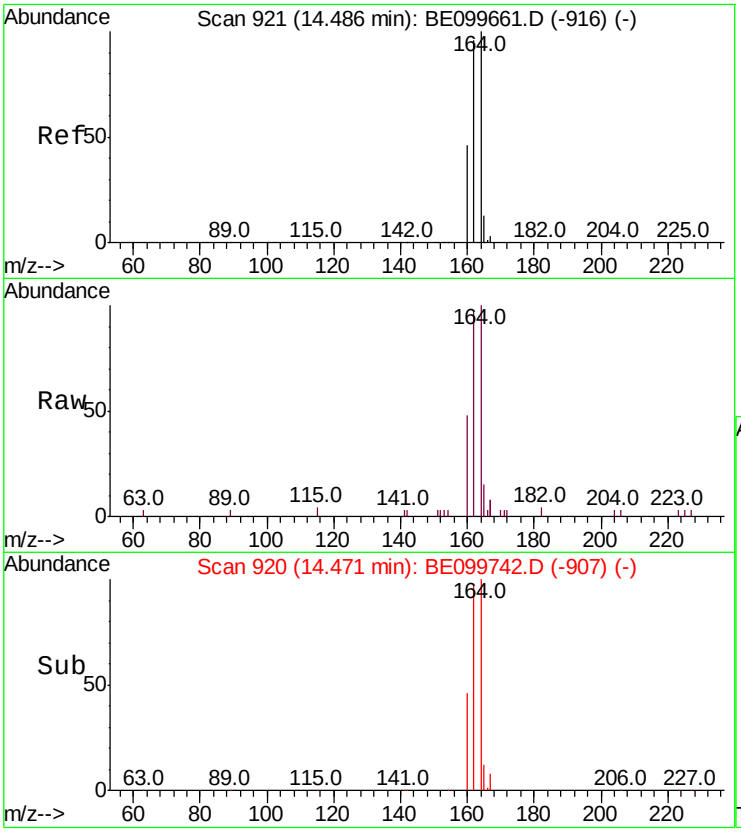


#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:152 Resp: 2737

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.4



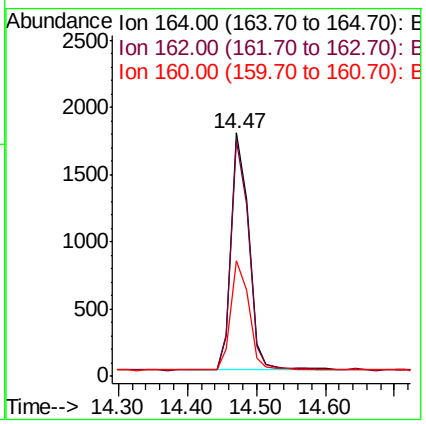


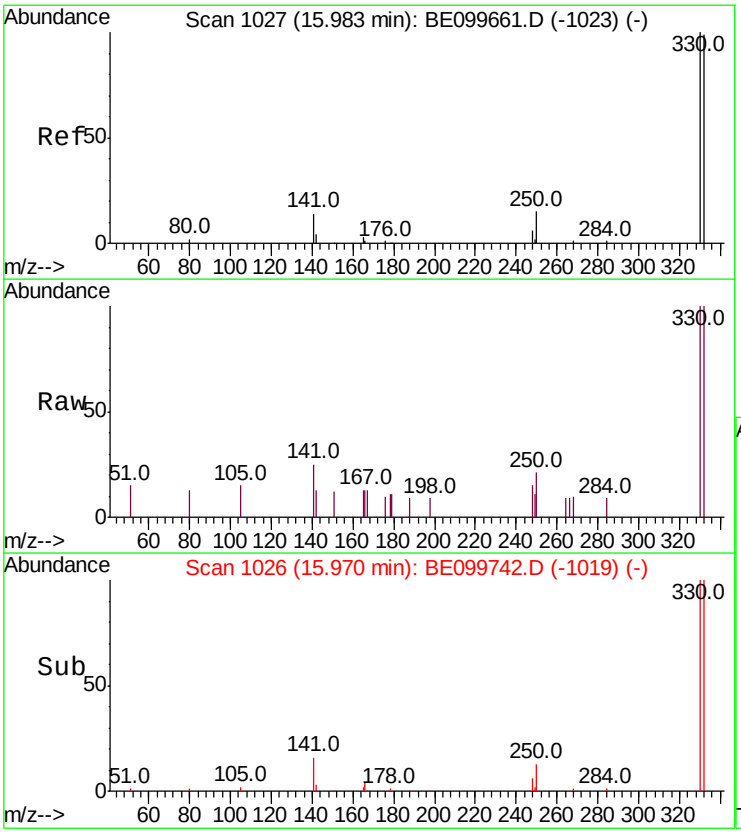
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion:164 Resp: 3088

Ion	Ratio	Lower	Upper
164	100		
162	96.7	76.5	114.7
160	47.7	37.4	56.2

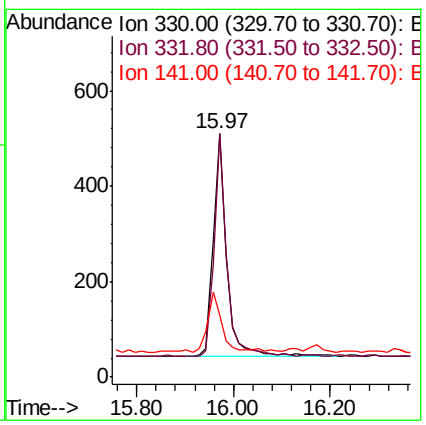


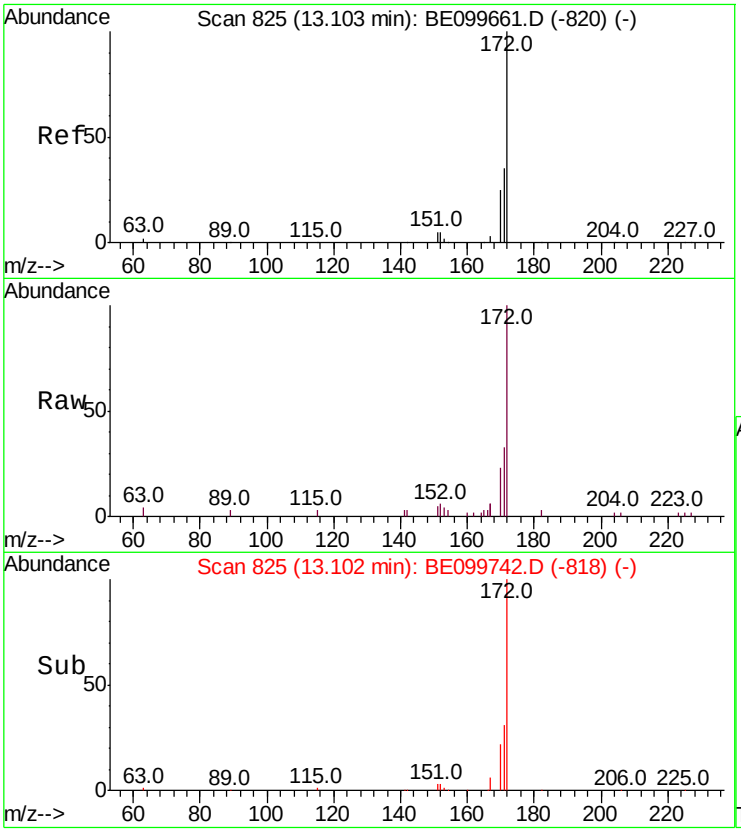


#14
2,4,6-Tribromophenol
Concen: 0.505 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:330 Resp: 892

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.3	115.9
141	27.8	18.9	28.3



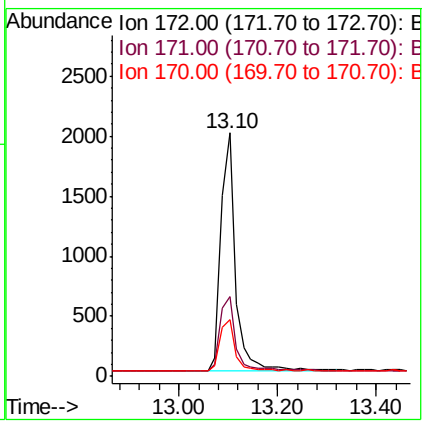


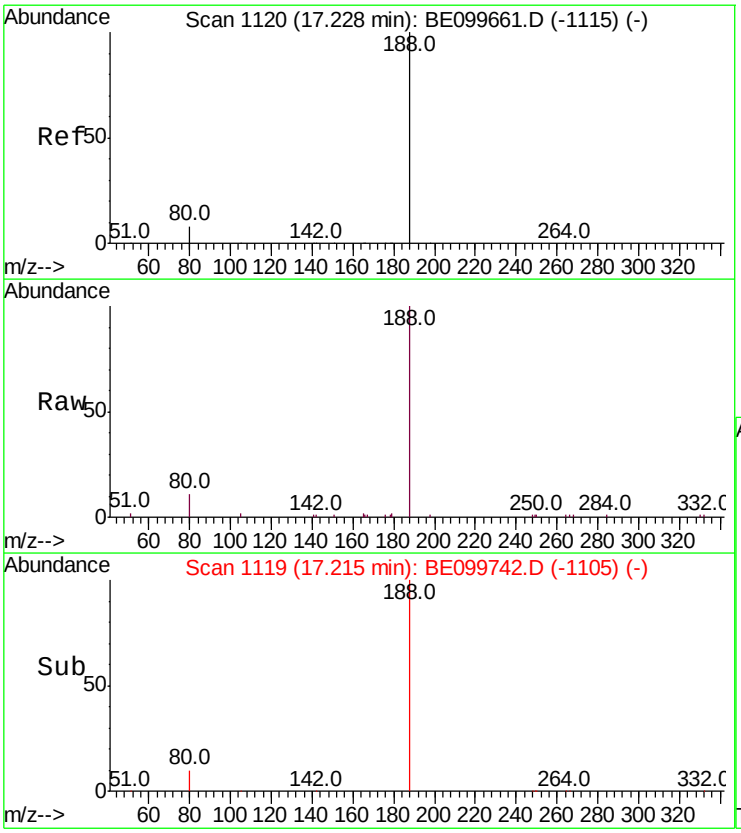
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion:172 Resp: 4048

Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.7	43.1
170	23.4	20.9	31.3

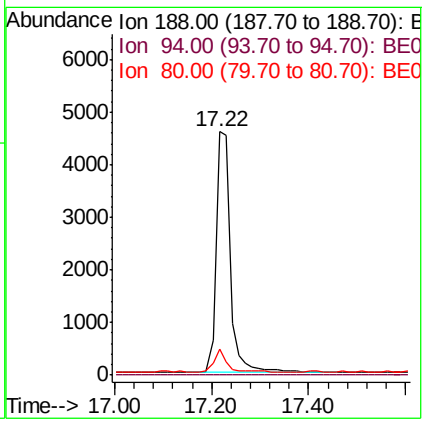


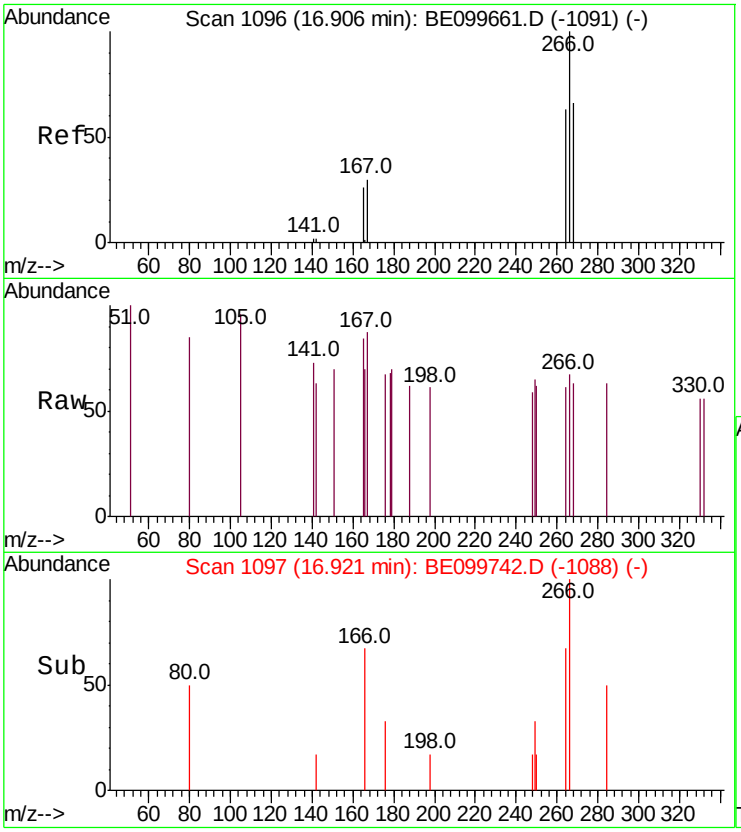


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:188 Resp: 9375

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	6.7	10.1#



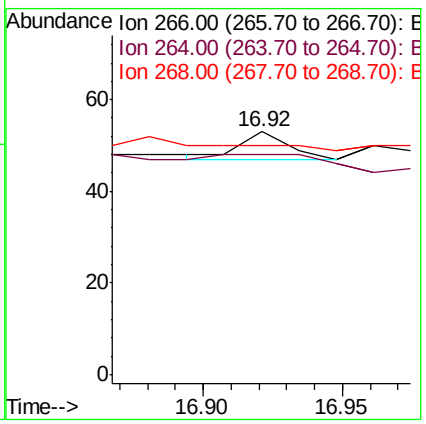


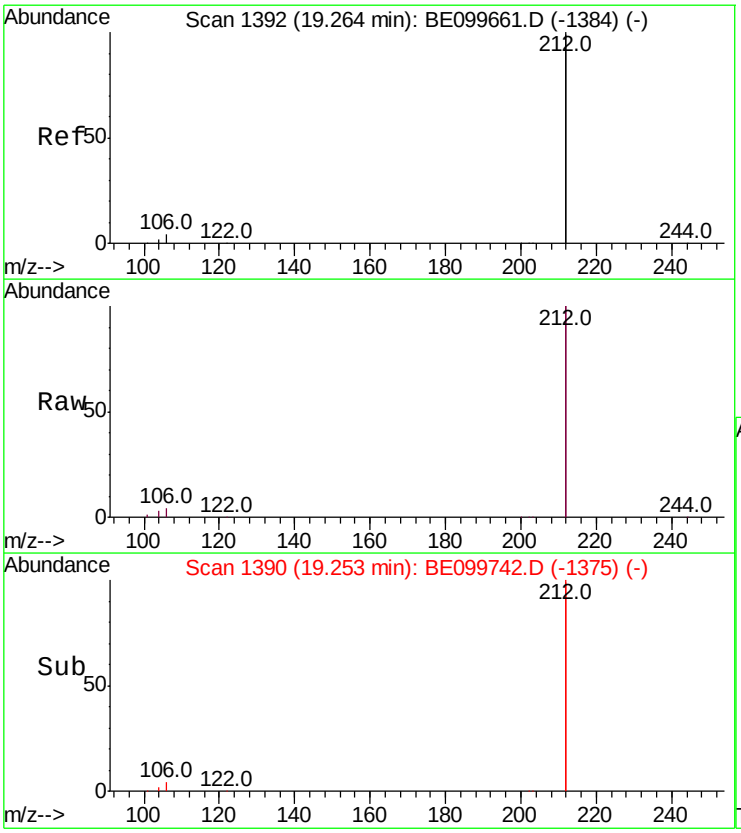
#22
Pentachlorophenol
Concen: 0.185 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
264	90.6	57.2	85.8#
268	94.3	60.5	90.7#

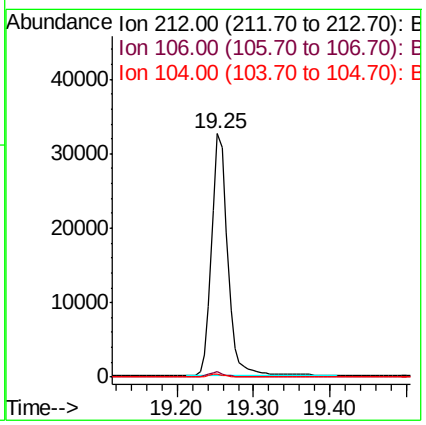


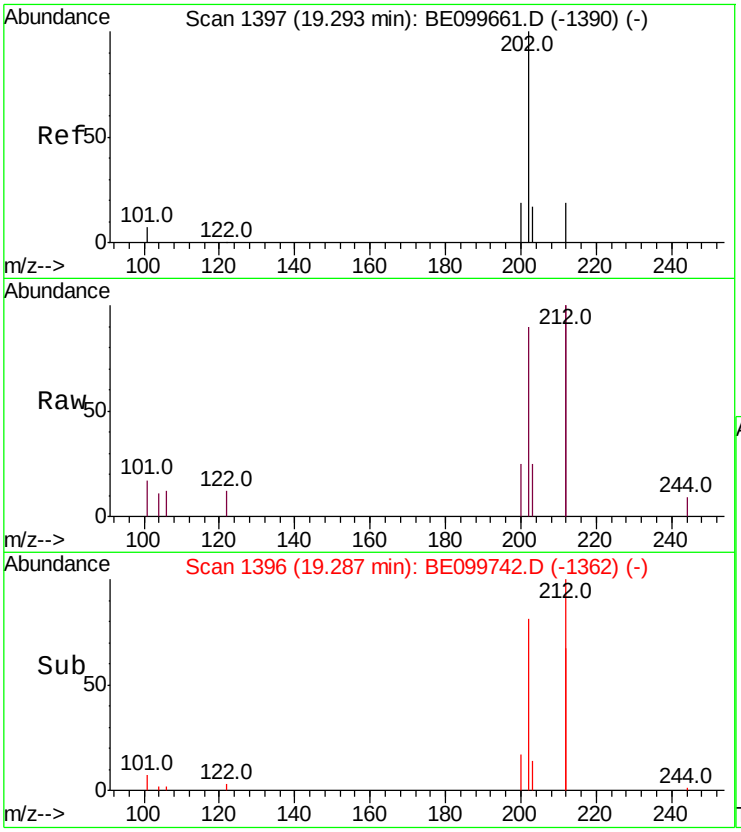


#25
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:212 Resp: 47336

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.8	1.2



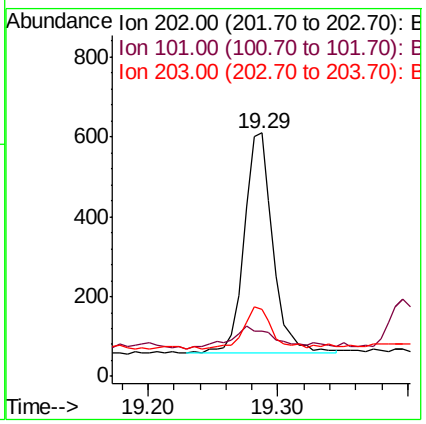


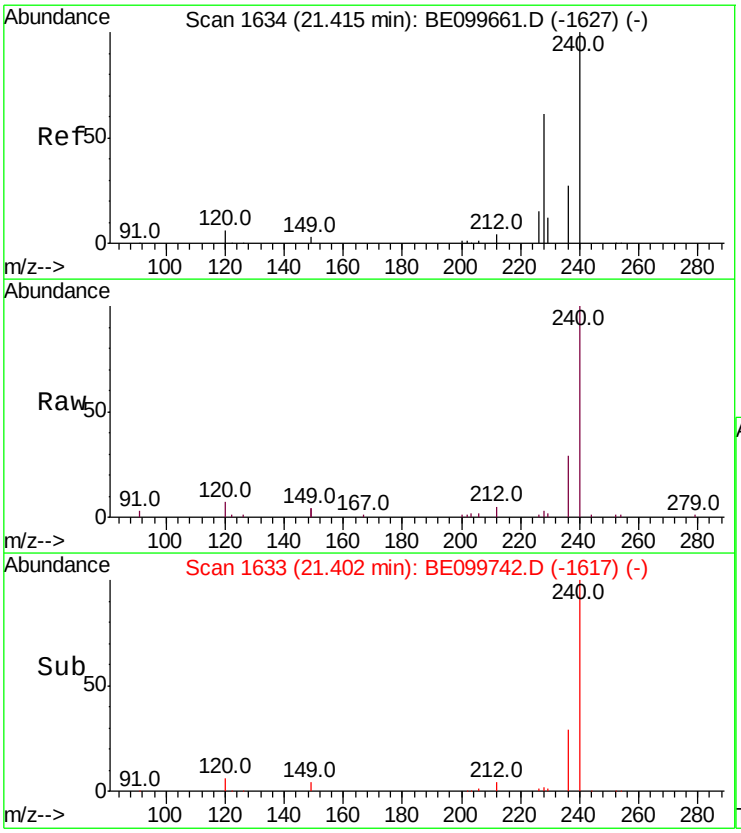
#26
Fluoranthene
Concen: 0.023 ng
RT: 19.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion:202 Resp: 847

Ion	Ratio	Lower	Upper
202	100		
101	14.9	5.2	7.8#
203	18.7	13.8	20.6

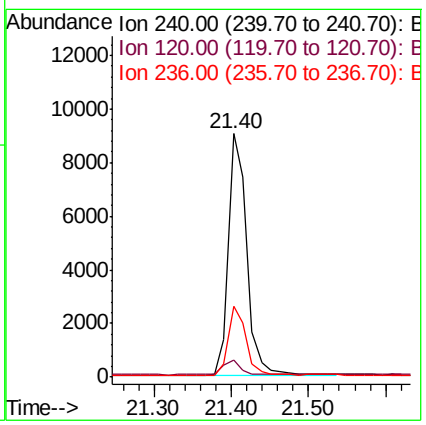


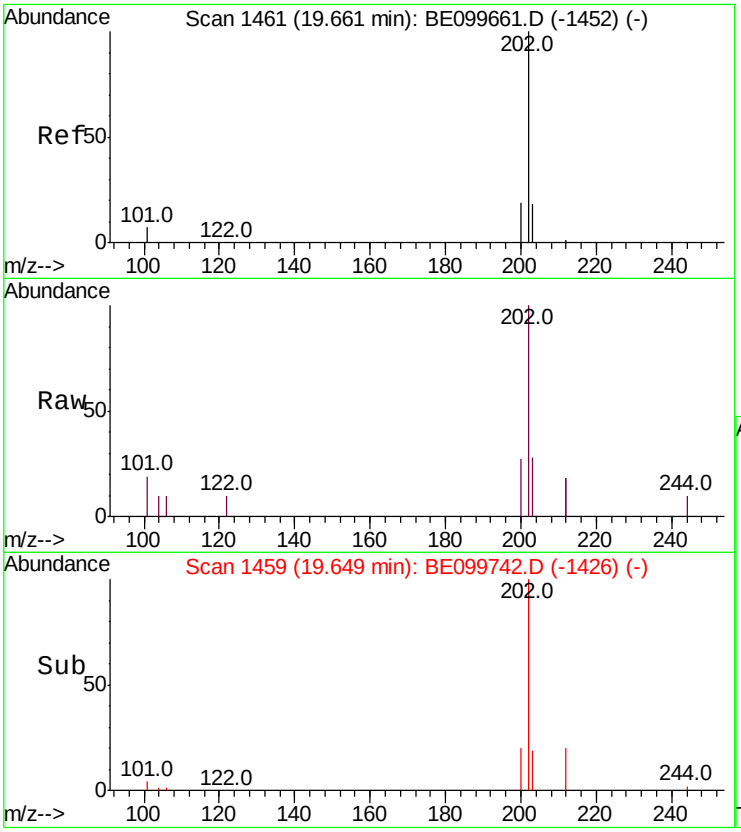


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:240 Resp: 14996

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.4	8.0
236	29.3	21.7	32.5



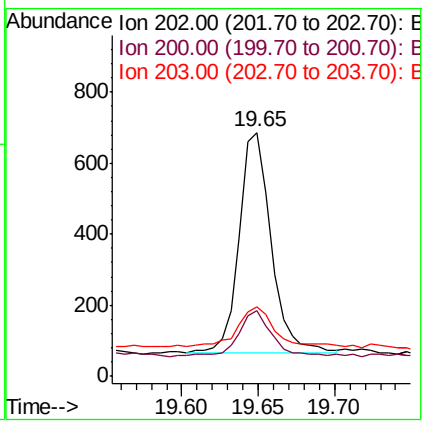


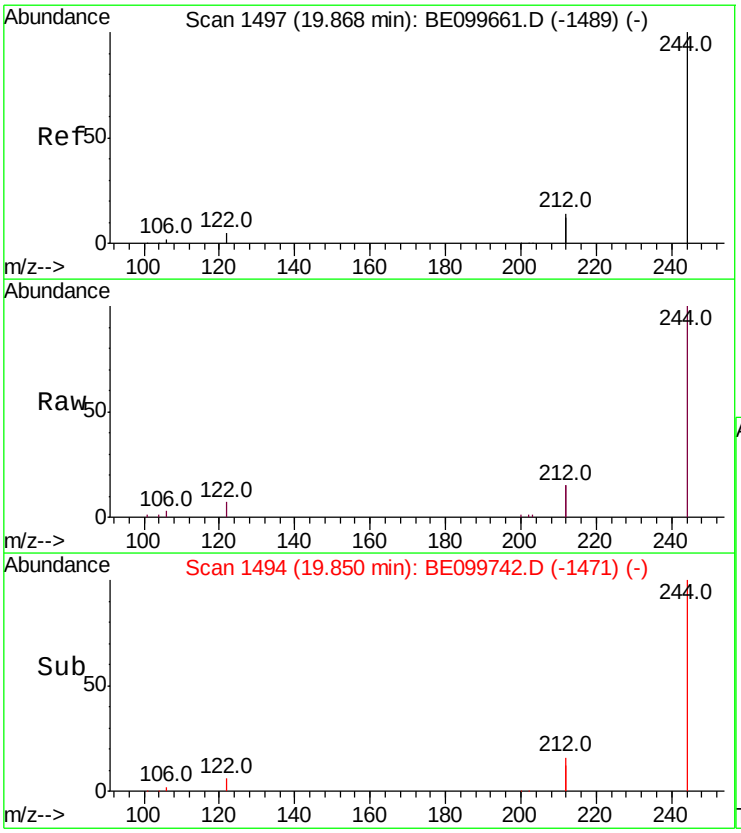
#28
Pyrene
Concen: 0.024 ng
RT: 19.65 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion:202 Resp: 905

Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.4	23.2
203	20.1	13.8	20.8

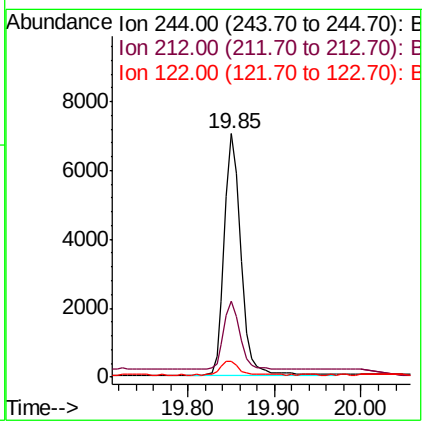


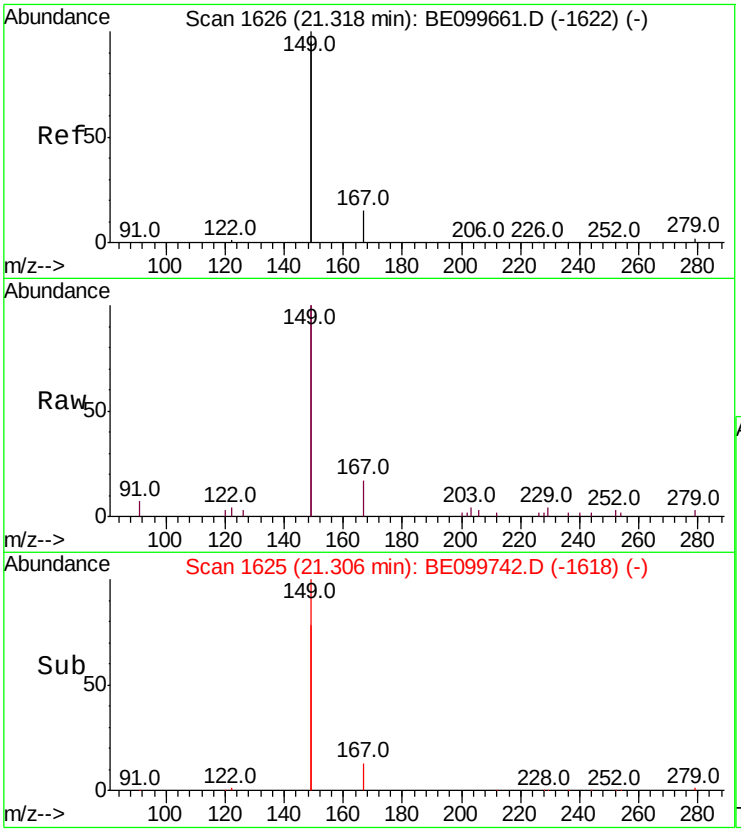


#29
Terphenyl-d14
Concen: 0.348 ng
RT: 19.85 min Scan# 1494
Delta R.T. -0.02 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:244 Resp: 9322

Ion	Ratio	Lower	Upper
244	100		
212	31.0	22.5	33.7
122	6.7	4.3	6.5#



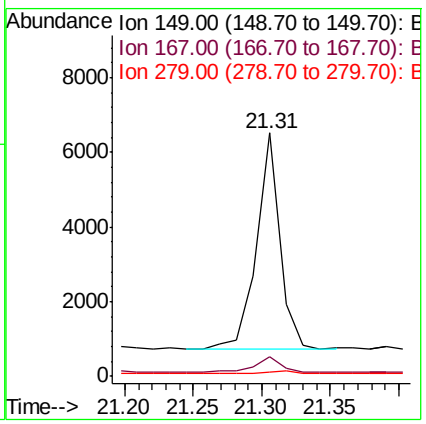


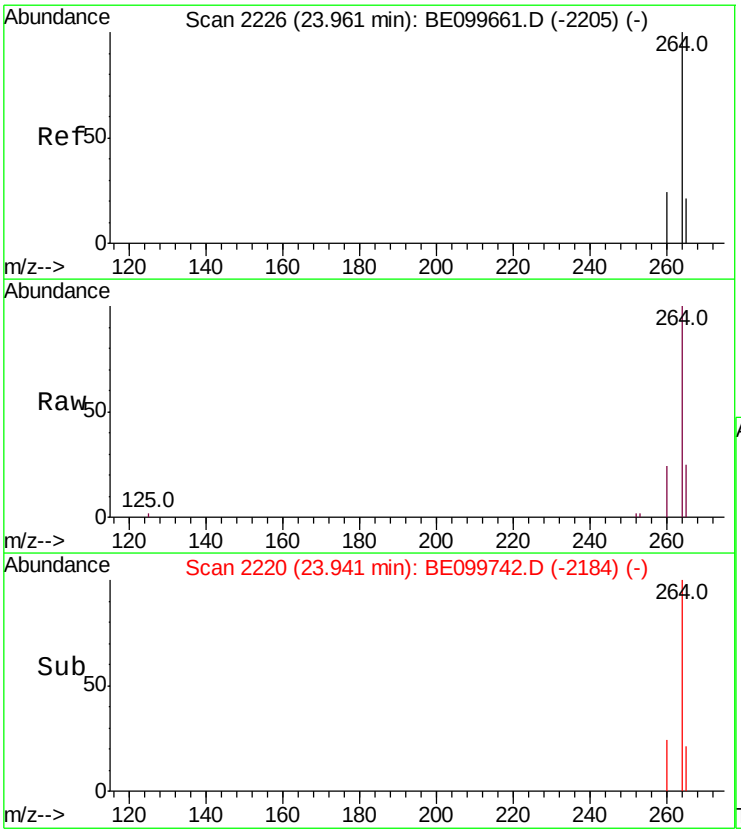
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.140 ng
RT: 21.31 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion:149 Resp: 6881

Ion	Ratio	Lower	Upper
149	100		
167	7.9	6.2	9.4
279	1.5	1.2	1.8

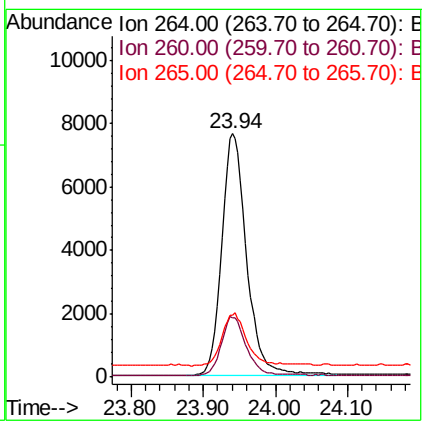


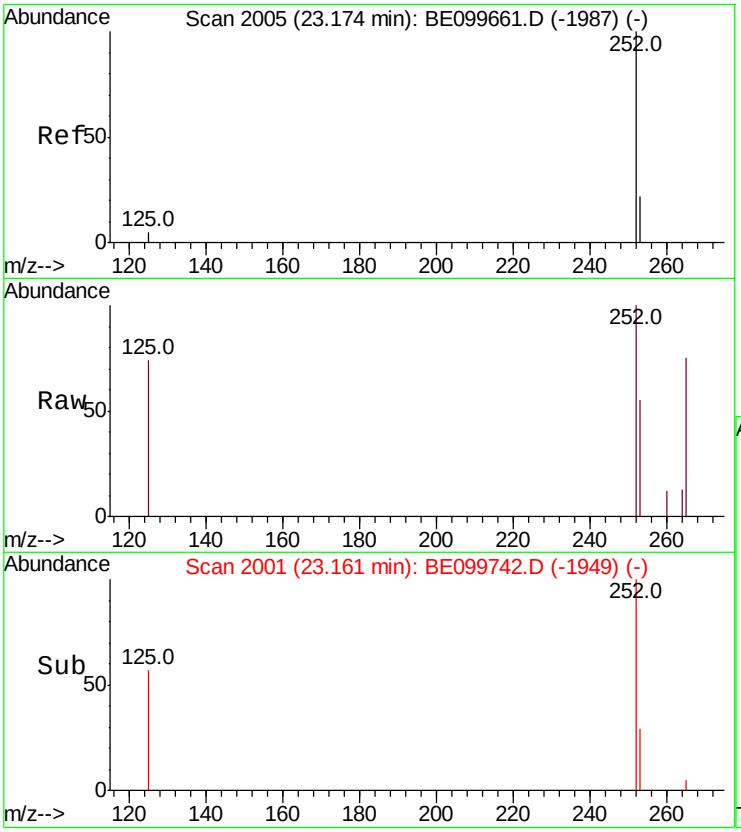


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.94 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:264 Resp: 17978

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	25.3	19.1	28.7



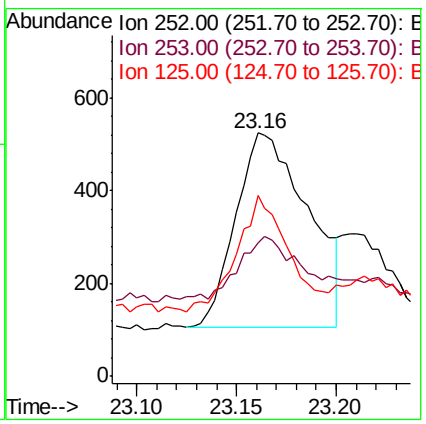


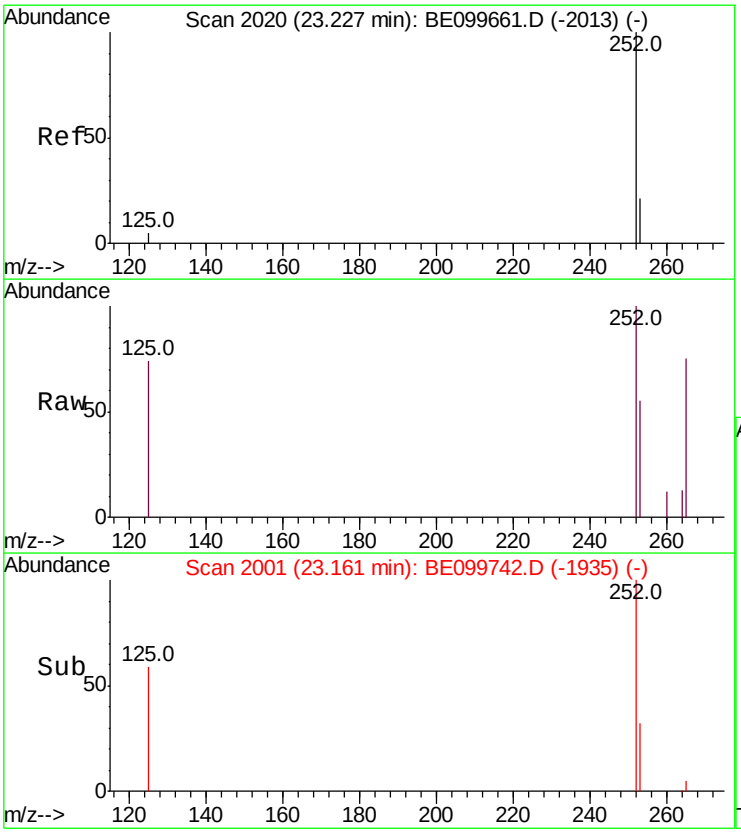
#35
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Instrument :
BNA_E
ClientSampleId :
FESB-22(1.5-2)

Tgt Ion:252 Resp: 1054

Ion	Ratio	Lower	Upper
252	100		
253	54.9	18.2	27.4#
125	74.3	4.5	6.7#





#36
Benzo(k)fluoranthene
Concen: 0.021 ng
RT: 23.16 min Scan# 2001
Delta R.T. -0.07 min
Lab File: BE099742.D
Acq: 24 May 2019 14:58

Tgt Ion:252 Resp: 1054

Ion	Ratio	Lower	Upper
252	100		
253	54.9	17.8	26.8#
125	74.3	4.6	6.8#