Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099384.D
Acq On : 26 Apr 2019 18:44
Operator : JU/SJ
Sample : K2569-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-003-SW025-042319

Quant Time: Apr 27 05:07:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3962	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	15600	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	11100	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	29854	0.40	ng		0.00
27) Chrysene-d12	21.37	240	32820	0.40	ng		0.00
34) Perylene-d12	23.87	264	38112	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	4303	0.44	ng		0.01
5) Phenol-d6	6.98	99	6788	0.49	ng		0.00
8) Nitrobenzene-d5	8.96	82	5471	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	9918	0.36	ng		0.01
14) 2,4,6-Tribromophenol	15.94	330	2389	0.65	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	14877	0.34	ng		0.00
25) Fluoranthene-d10	19.22	212	117949	0.33	ng		0.00
29) Terphenyl-d14	19.82	244	25355	0.39	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.67	42	95	0.032	ng	#	1
9) Naphthalene	10.65	128	24315	0.143	ng		99
12) 2-Methylnaphthalene	12.28	142	9856	0.340	ng		96
16) Acenaphthylene	14.18	152	4806	0.096	ng	#	96
18) Fluorene	15.49	166	2380	0.054	ng	#	90
22) Pentachlorophenol	16.87	266	47	0.228	ng	#	73
23) Phenanthrene	17.23	178	43643	0.552	ng		100
24) Anthracene	17.32	178	3886	0.055	ng	#	90
26) Fluoranthene	19.25	202	81363	0.769	ng		98
28) Pyrene	19.61	202	69306	0.717	ng		98
30) Benzo(a)anthracene	21.40	228	54137	0.561	ng		92
31) Chrysene	21.40	228	53765	0.524	ng		95
32) Bis(2-ethylhexyl)phthalate	21.27	149	11269	0.128	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.52	276	25592	0.252	ng	#	91
35) Benzo(b)fluoranthene	23.10	252	69199	0.593	ng		94
36) Benzo(k)fluoranthene	23.10	252	69199	0.595	ng	#	95
37) Benzo(a)pyrene	23.76	252	35511	0.340	ng	#	89
38) Dibenzo(a,h)anthracene	26.53	278	8477	0.079	ng	#	66
39) Benzo(g,h,i)perylene	27.34	276	22071	0.204	ng		95

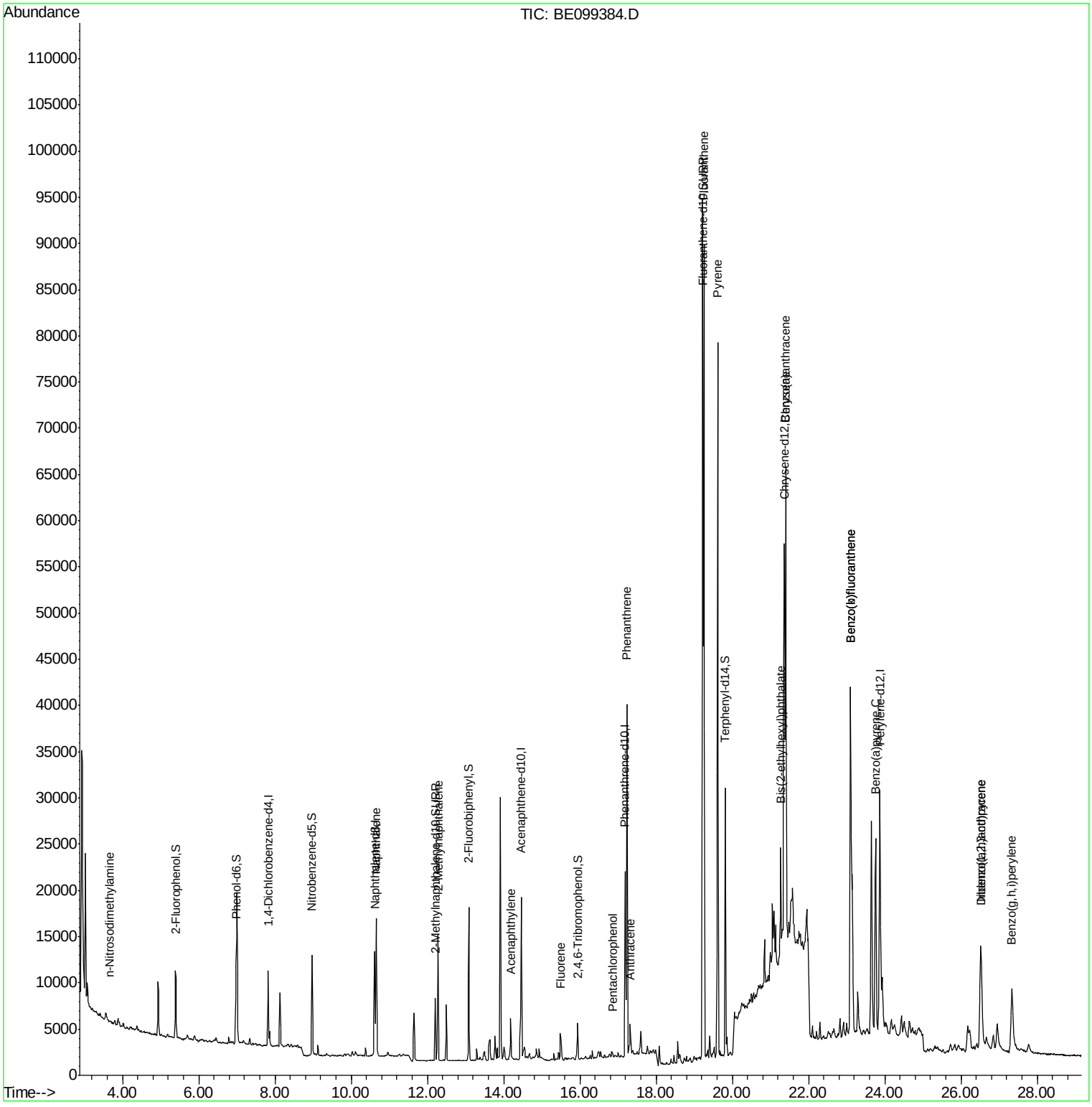
(#) = qualifier out of range (m) = manual integration (+) = signals summed

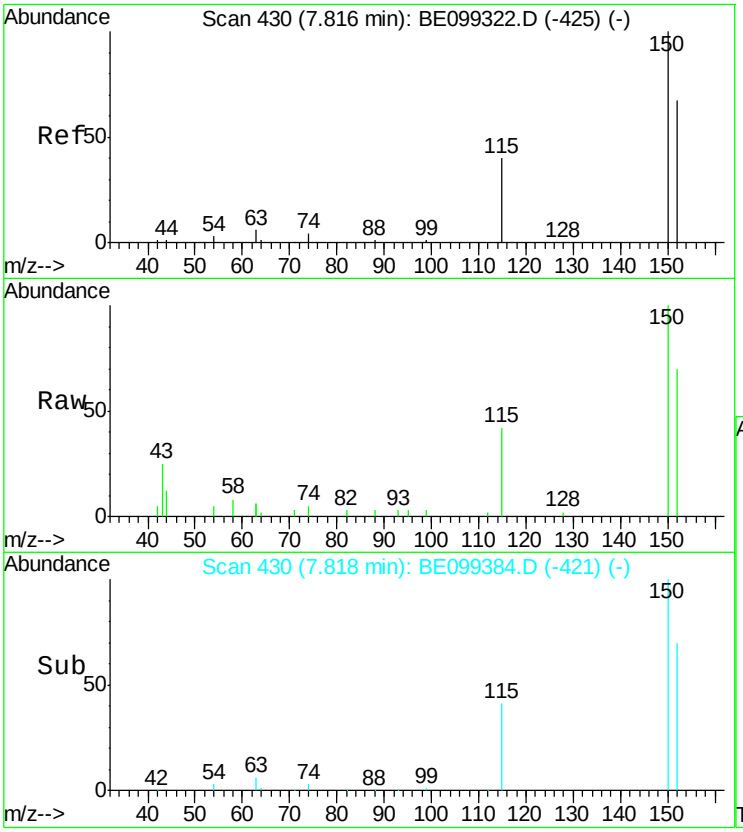
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099384.D
Acq On : 26 Apr 2019 18:44
Operator : JU/SJ
Sample : K2569-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Quant Time: Apr 27 05:07:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration



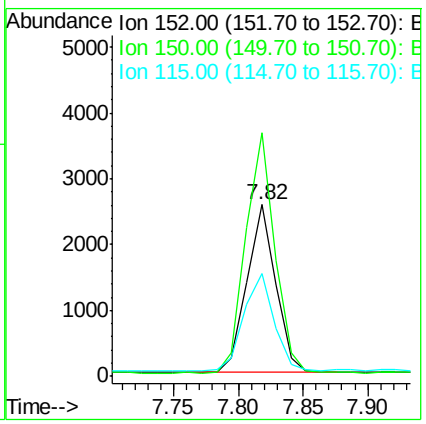


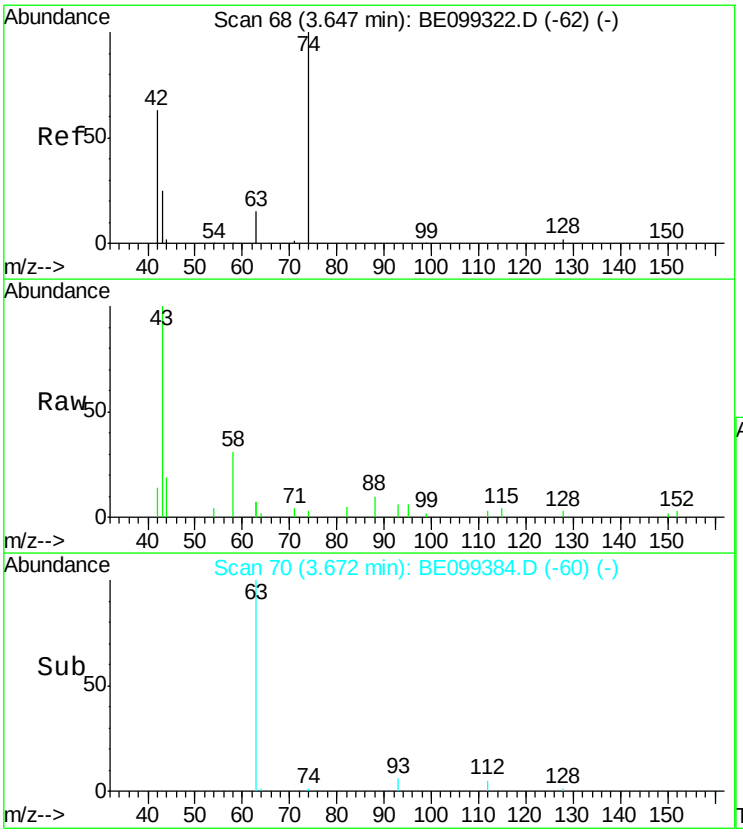
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:152 Resp: 3962

Ion	Ratio	Lower	Upper
152	100		
150	142.0	119.5	179.3
115	60.0	47.5	71.3

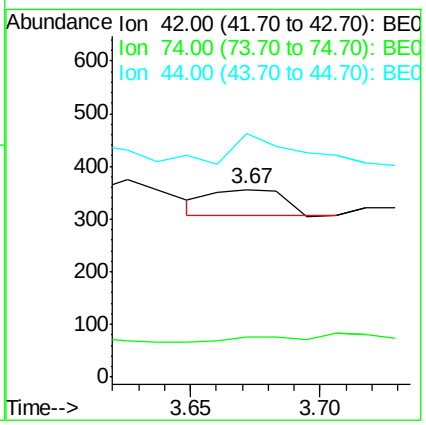


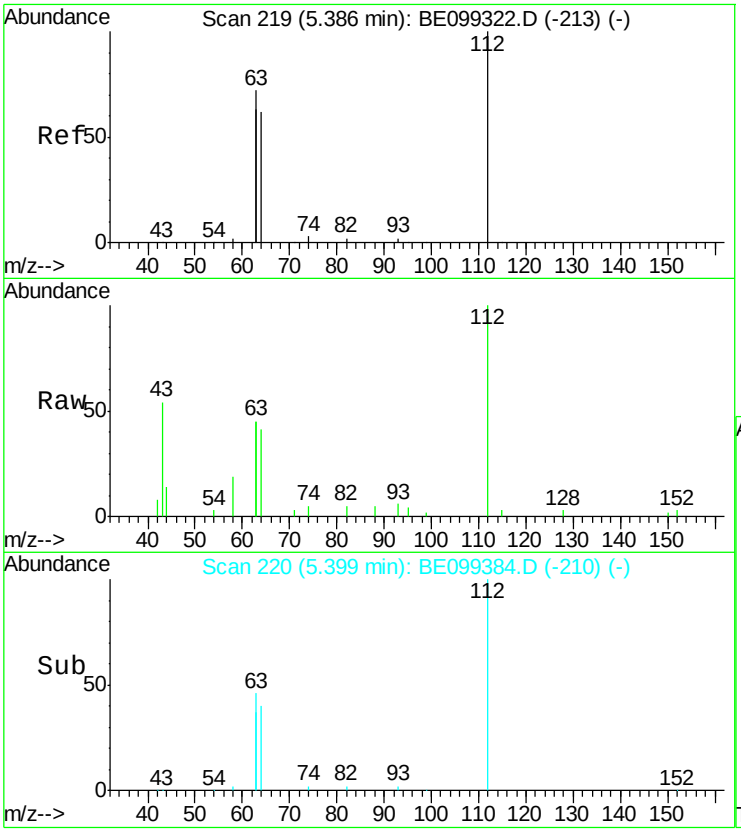


#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion: 42 Resp: 95

Ion	Ratio	Lower	Upper
42	100		
74	0.0	145.8	218.8#
44	95.8	9.0	13.4#



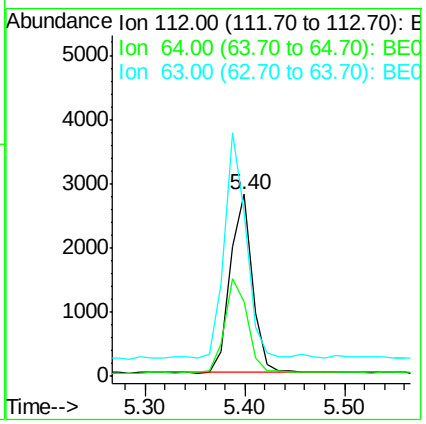


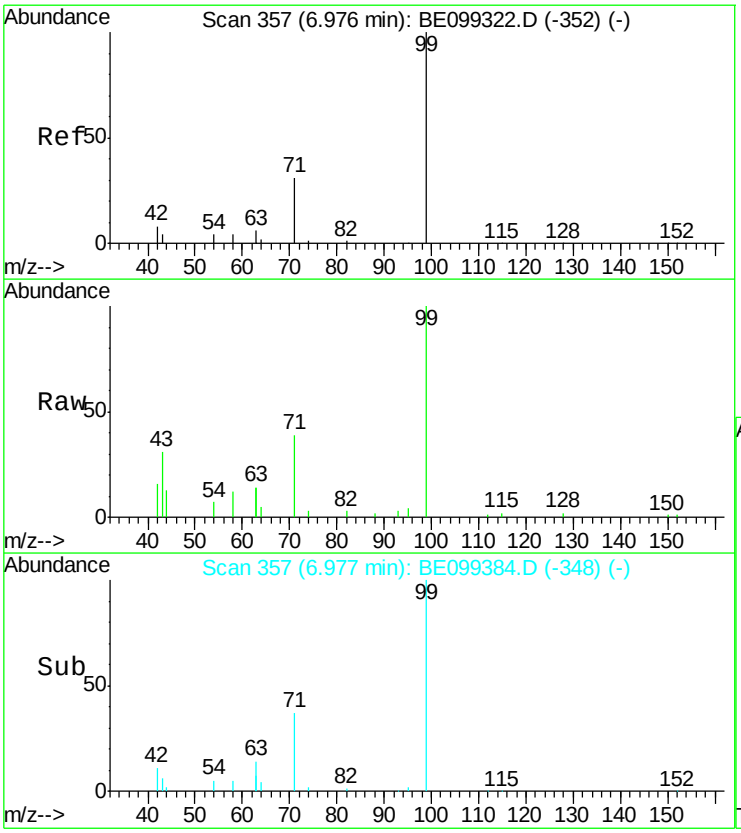
#4
2-Fluorophenol
Concen: 0.444 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:112 Resp: 4303

Ion	Ratio	Lower	Upper
112	100		
64	55.6	44.9	67.3
63	124.1	97.4	146.0

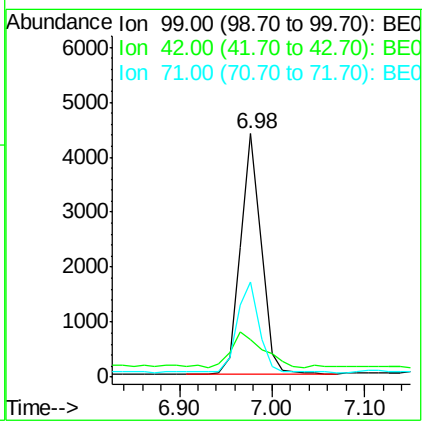


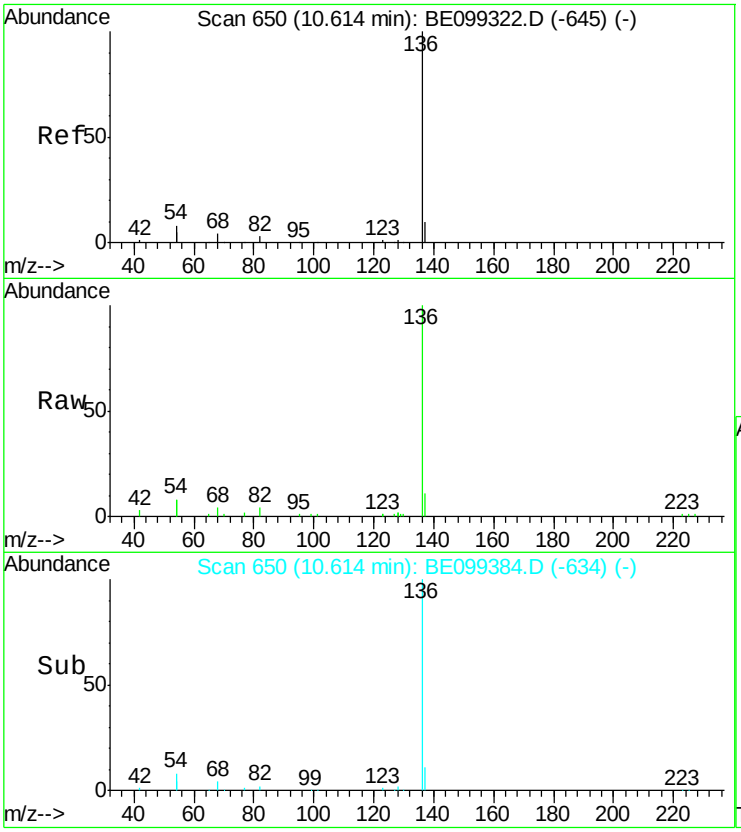


#5
Phenol-d6
Concen: 0.491 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion: 99 Resp: 6788

Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.7	17.5#
71	40.2	29.6	44.4



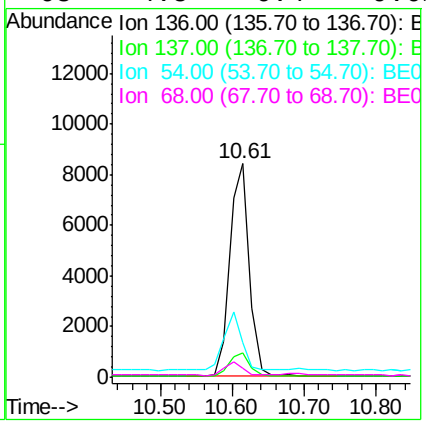


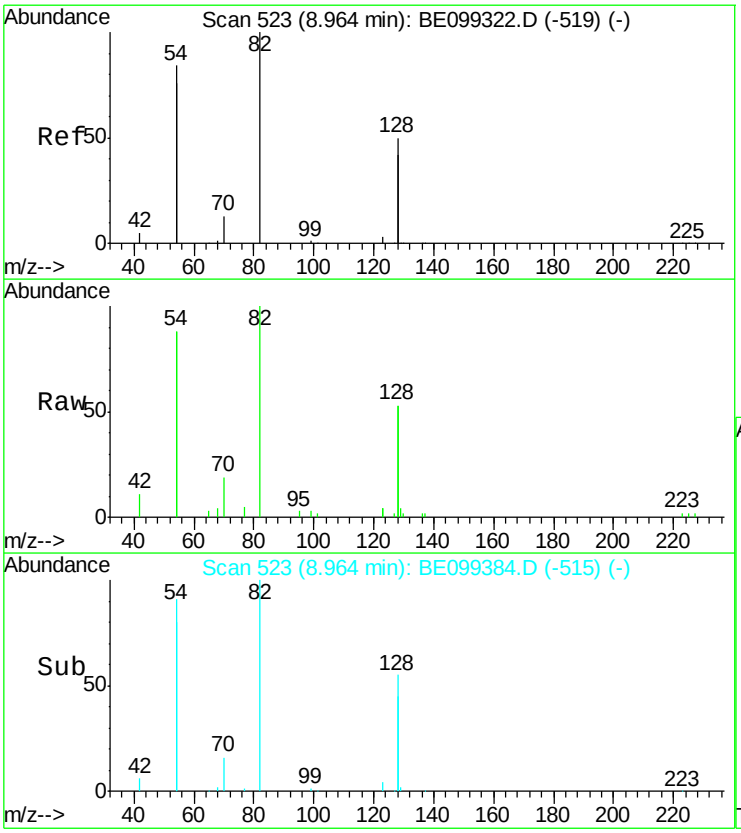
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:136 Resp: 15600

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	16.0	23.8	35.8#
68	4.5	6.4	9.6#

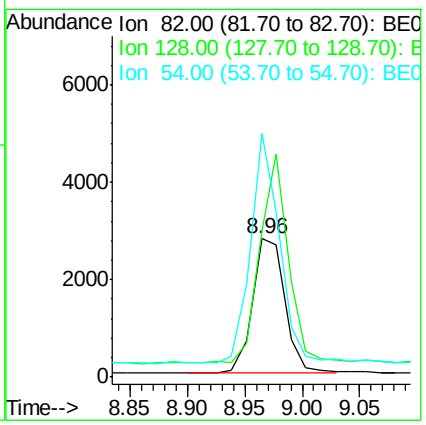


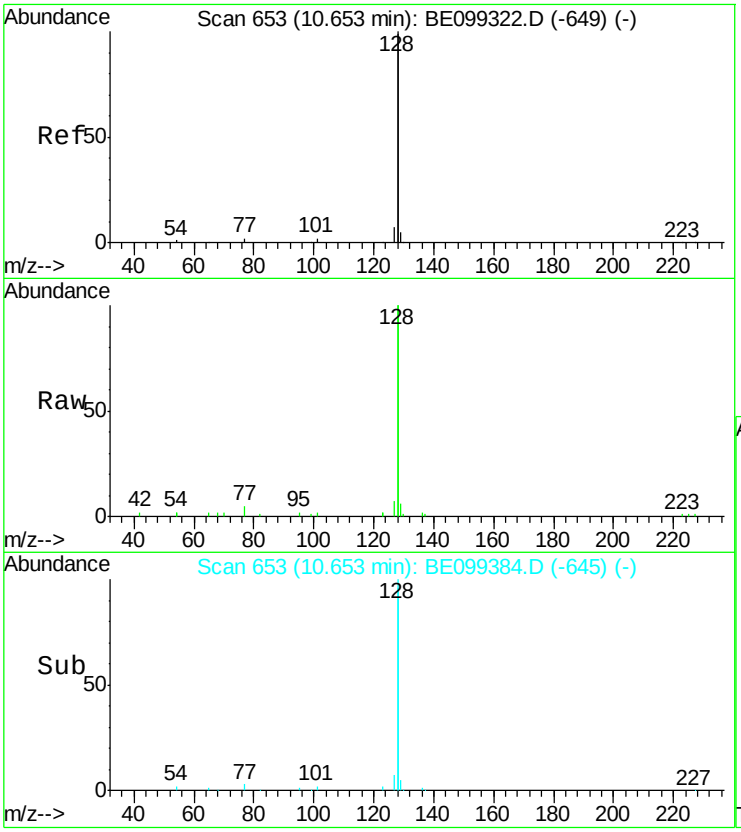


#8
Nitrobenzene-d5
Concen: 0.452 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion: 82 Resp: 5471

Ion	Ratio	Lower	Upper
82	100		
128	106.1	91.7	137.5
54	176.0	122.8	184.2



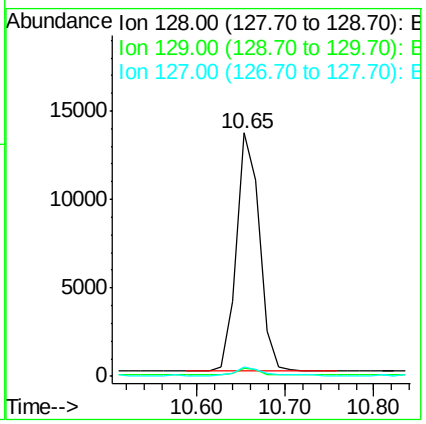


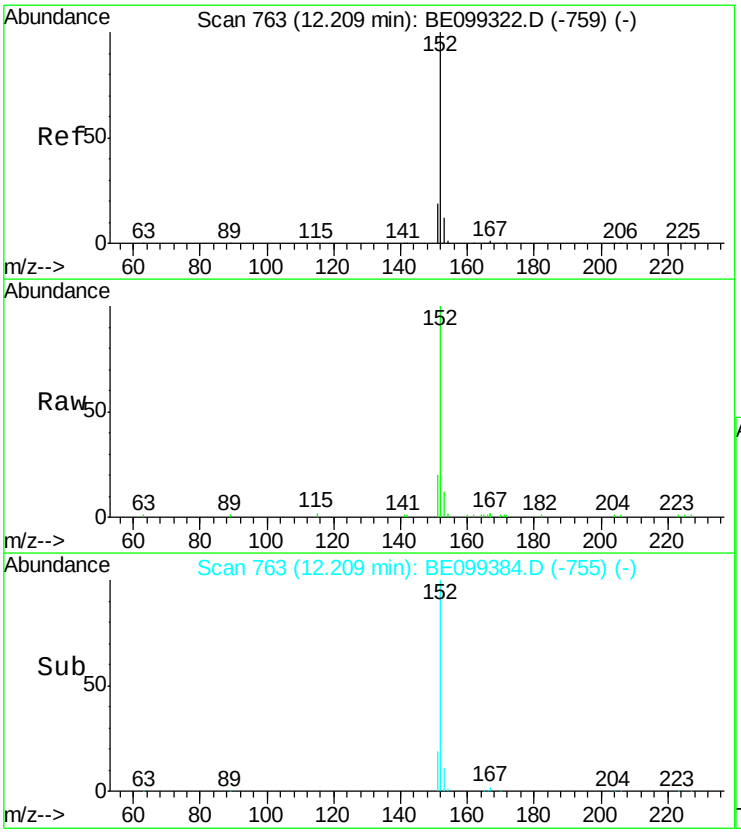
#9
Naphthalene
Concen: 0.143 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:128 Resp: 24315

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.3	3.5
127	3.7	2.8	4.2

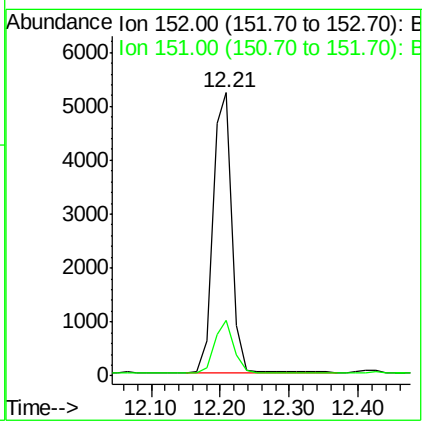


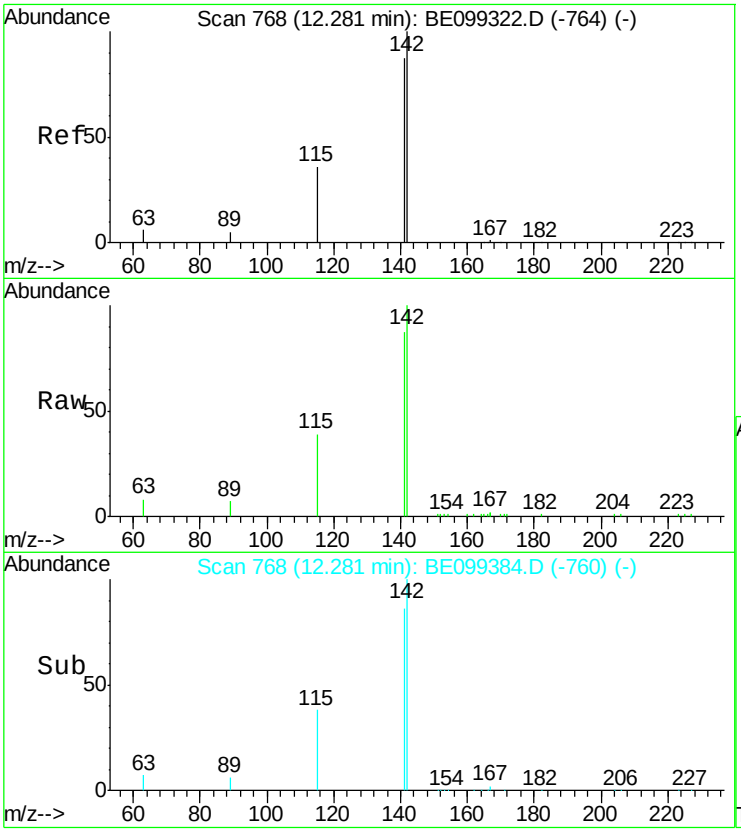


#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:152 Resp: 9918

Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.9	22.3



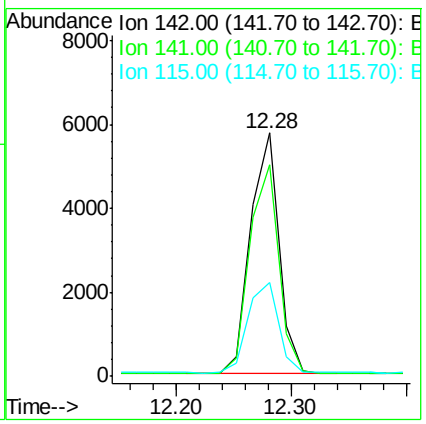


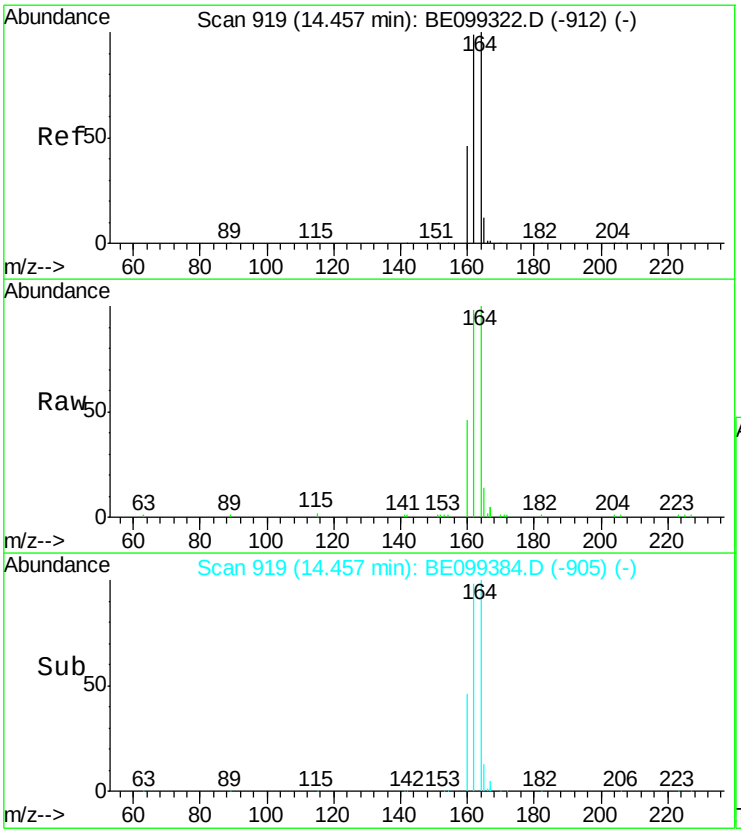
#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:142 Resp: 9856

Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.0	108.0
115	38.7	33.4	50.0

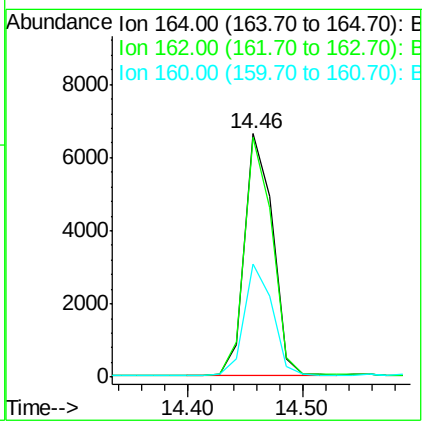


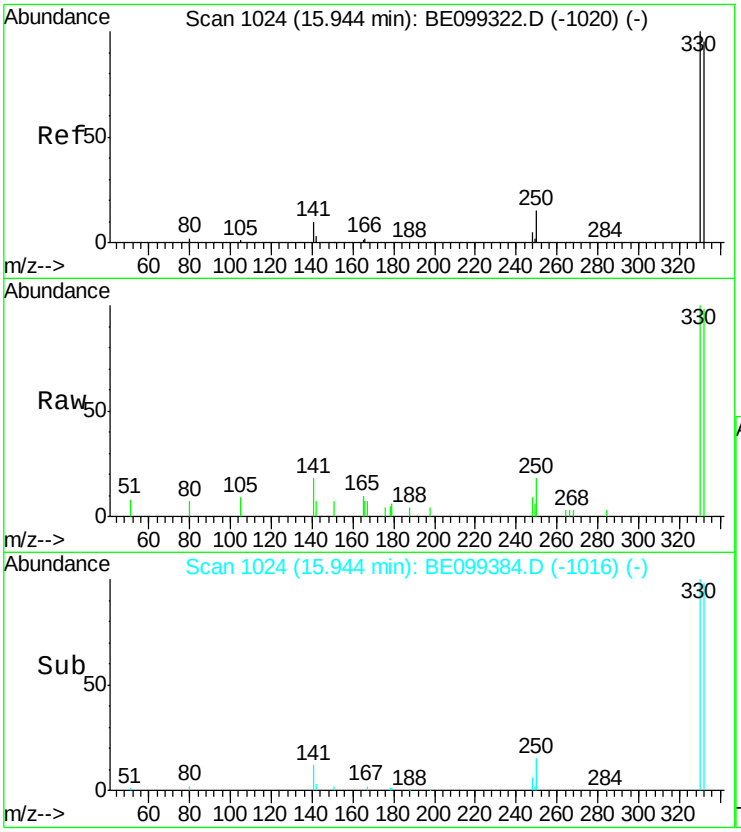


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:164 Resp: 11100

Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.8	116.6
160	46.3	37.1	55.7



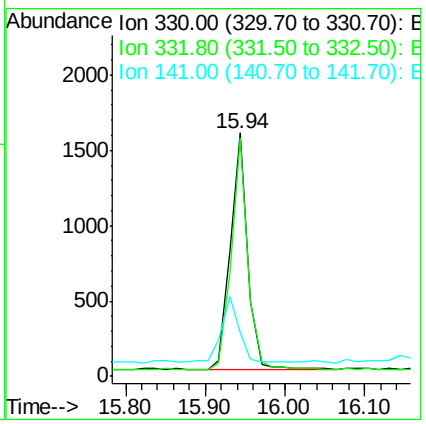


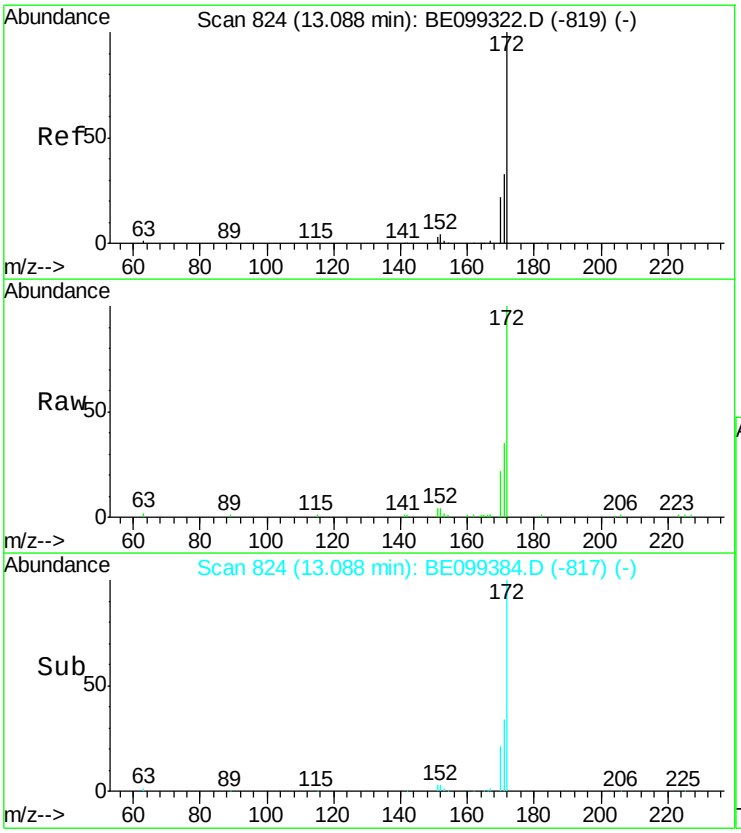
#14
2,4,6-Tribromophenol
Concen: 0.648 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:330 Resp: 2389

Ion	Ratio	Lower	Upper
330	100		
332	93.4	82.5	123.7
141	28.1	24.9	37.3

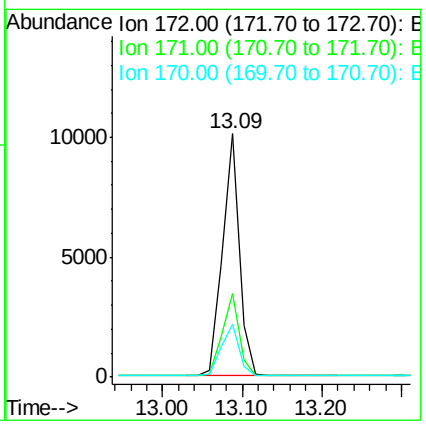


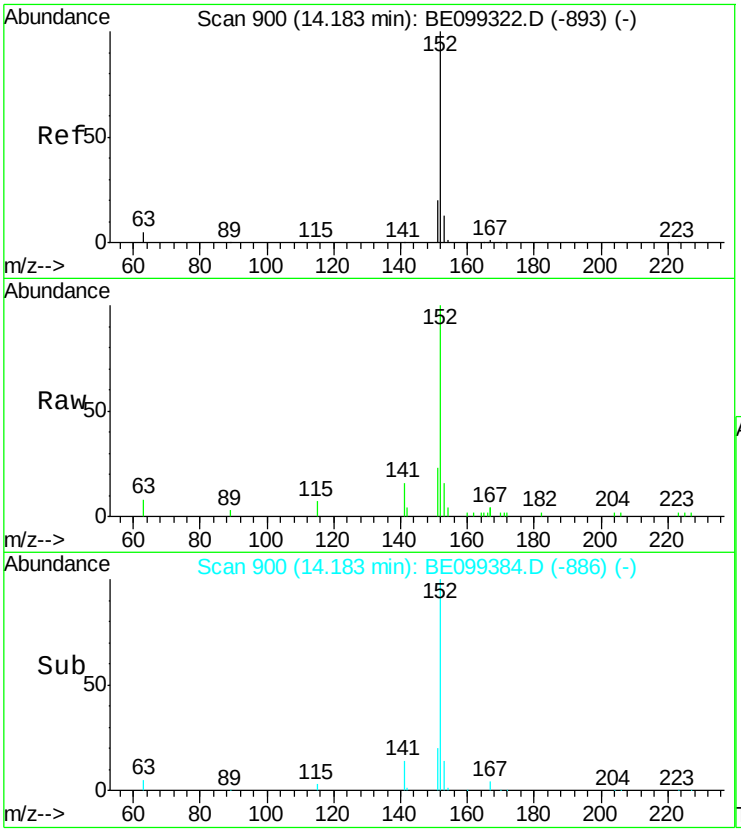


#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:172 Resp: 14877

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.2	39.2
170	21.7	18.1	27.1



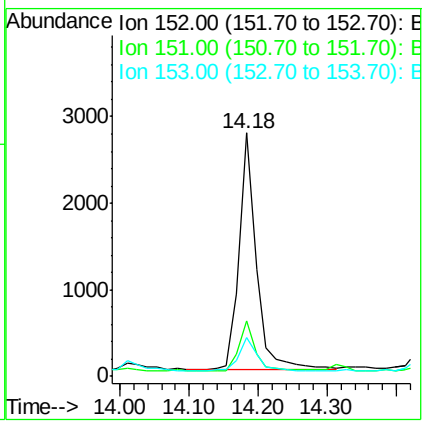


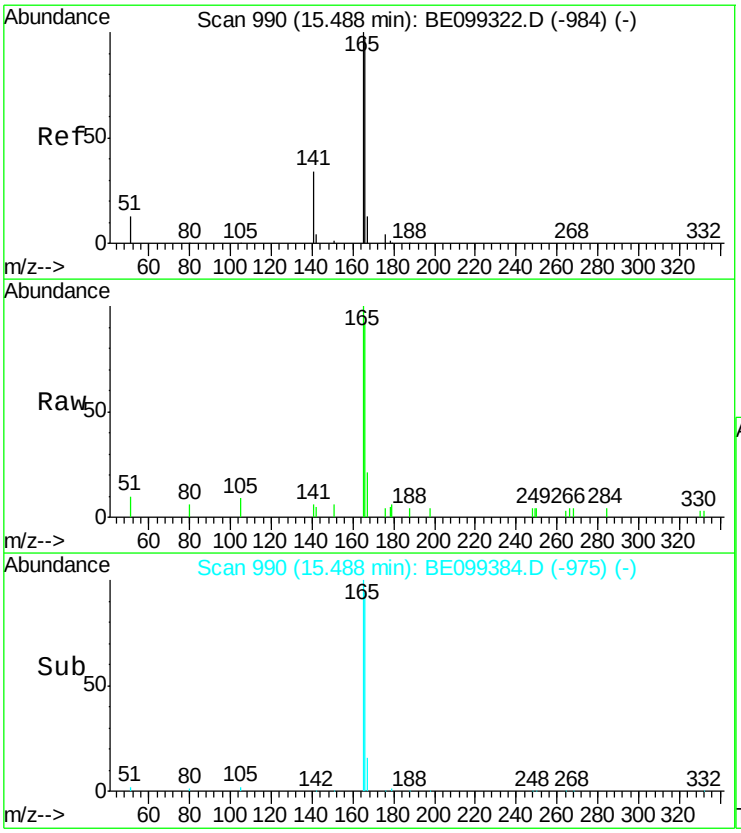
#16
Acenaphthylene
Concen: 0.096 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:152 Resp: 4806

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	16.1	10.2	15.4#

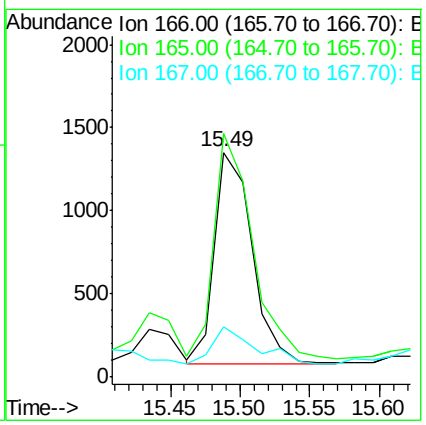


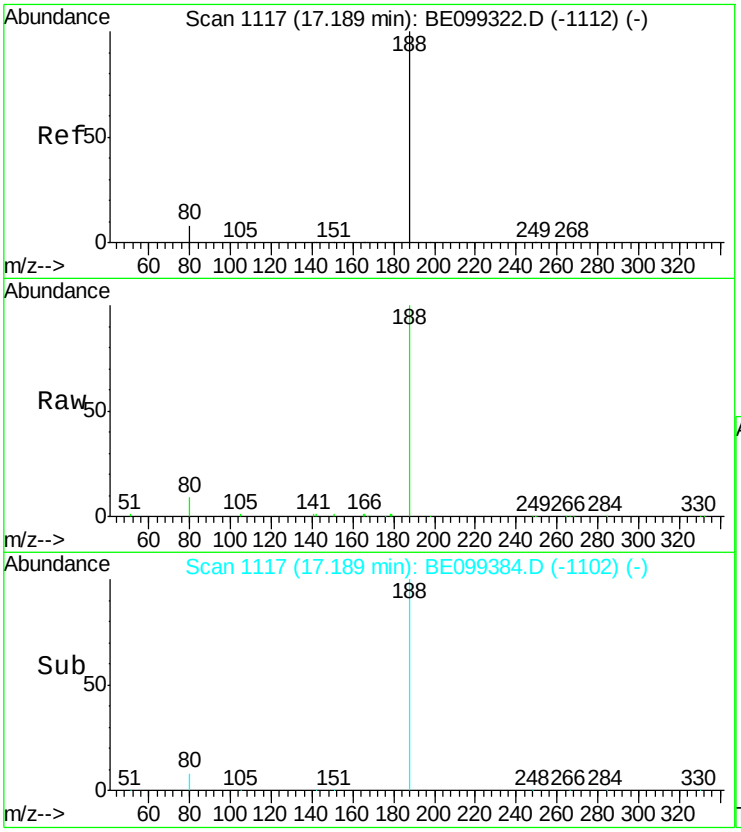


#18
Fluorene
Concen: 0.054 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:166 Resp: 2380

Ion	Ratio	Lower	Upper
166	100		
165	108.3	79.7	119.5
167	20.1	11.0	16.4#



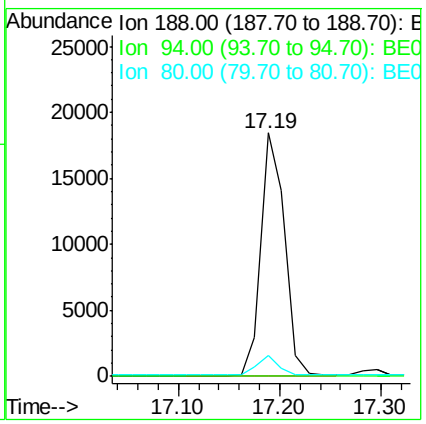


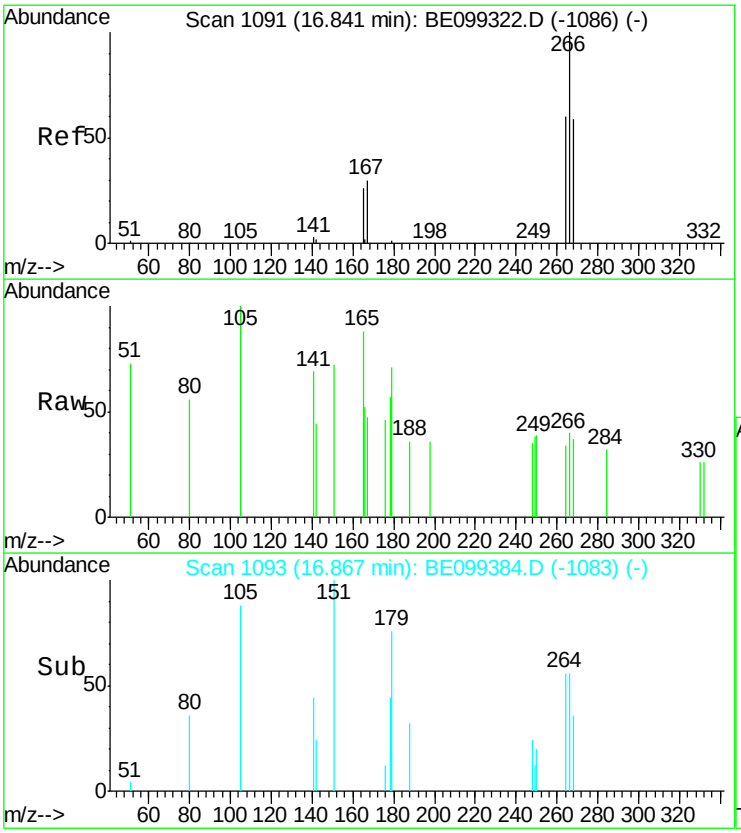
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:188 Resp: 29854

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.2	9.4

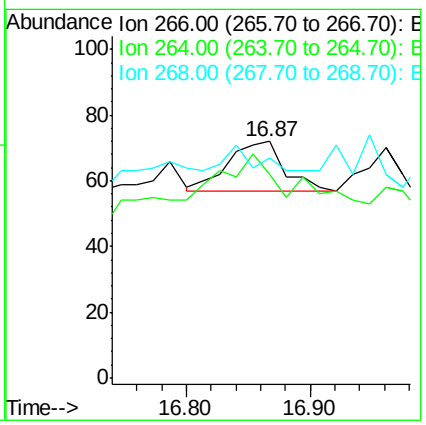


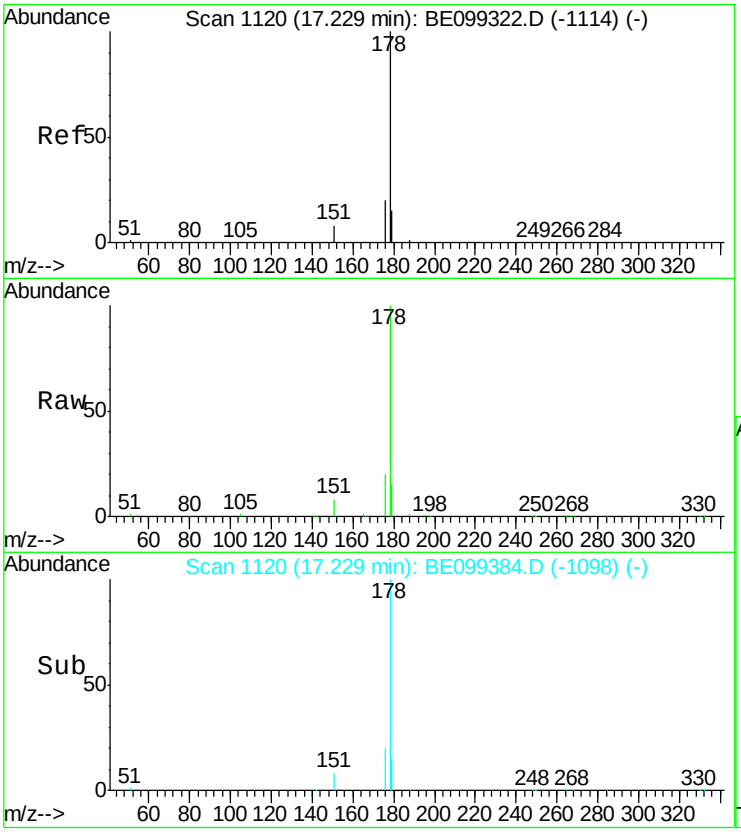


#22
Pentachlorophenol
Concen: 0.228 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.03 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:266 Resp: 47

Ion	Ratio	Lower	Upper
266	100		
264	86.1	54.5	81.7#
268	93.1	54.3	81.5#



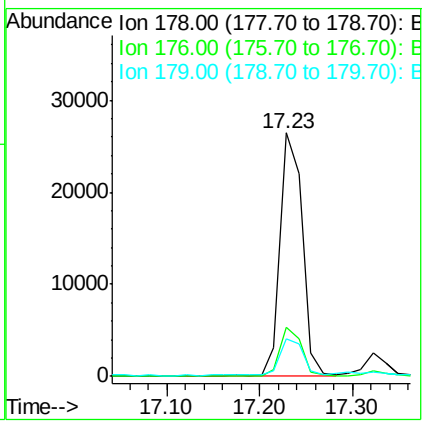


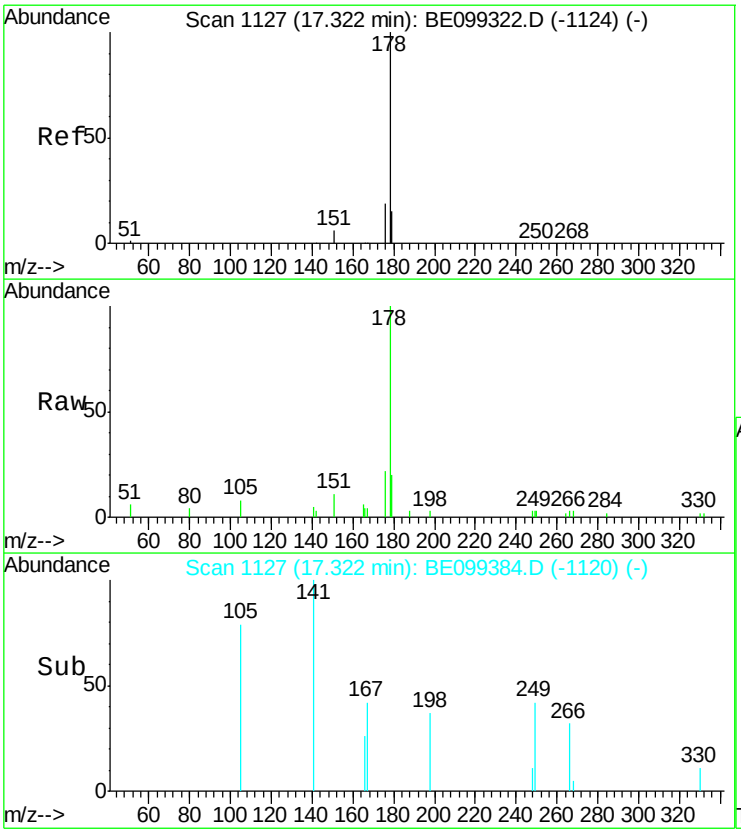
#23
Phenanthrene
Concen: 0.552 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:178 Resp: 43643

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.4	18.6

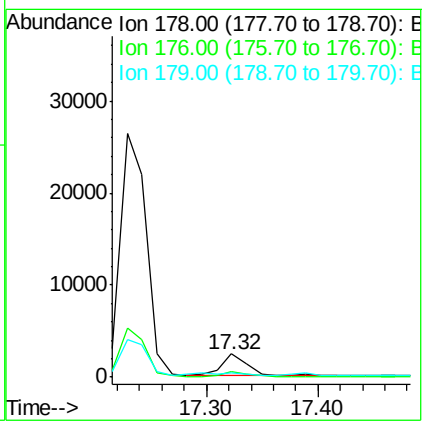


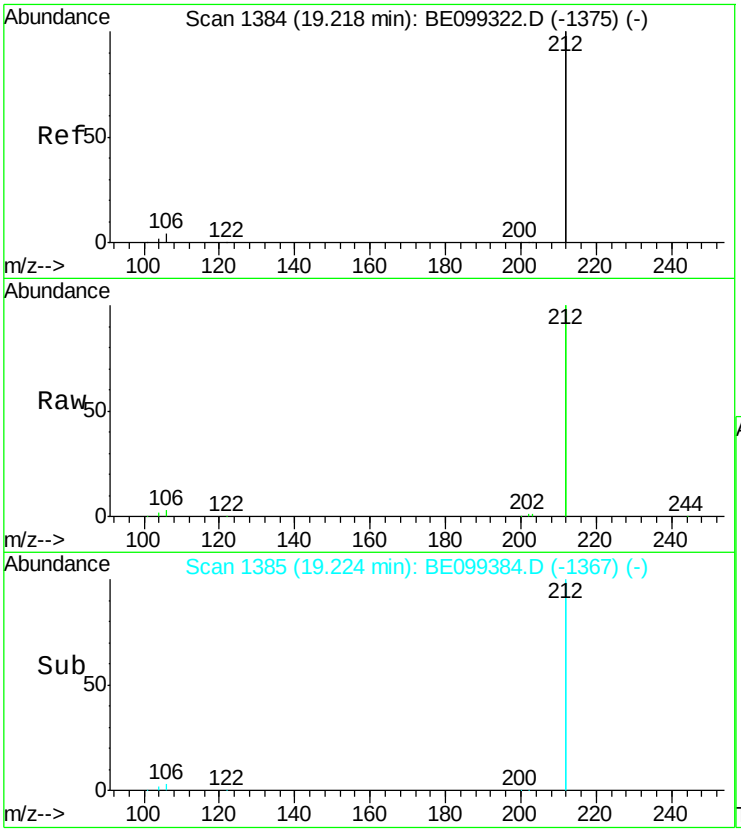


#24
Anthracene
Concen: 0.055 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:178 Resp: 3886

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	23.3	11.9	17.9#



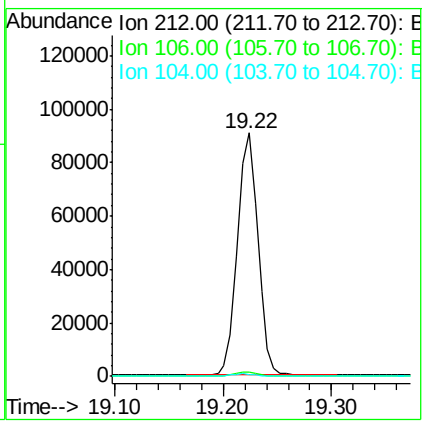


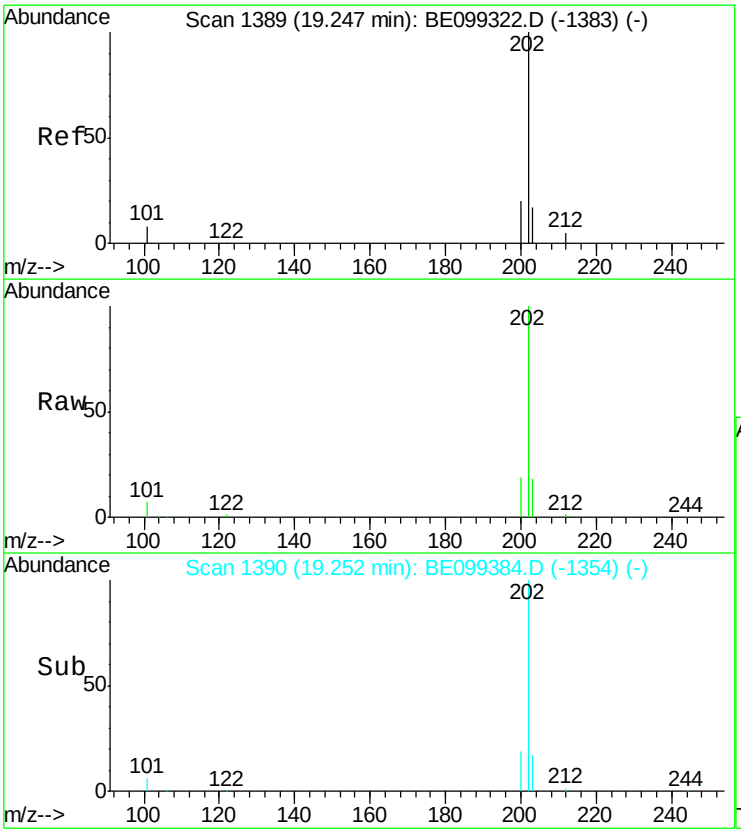
#25
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:212 Resp: 117949

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.8	2.6
104	1.1	1.0	1.4

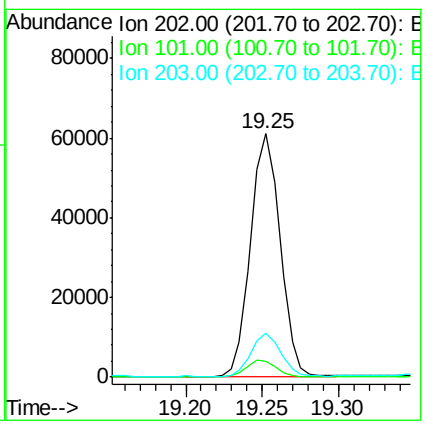


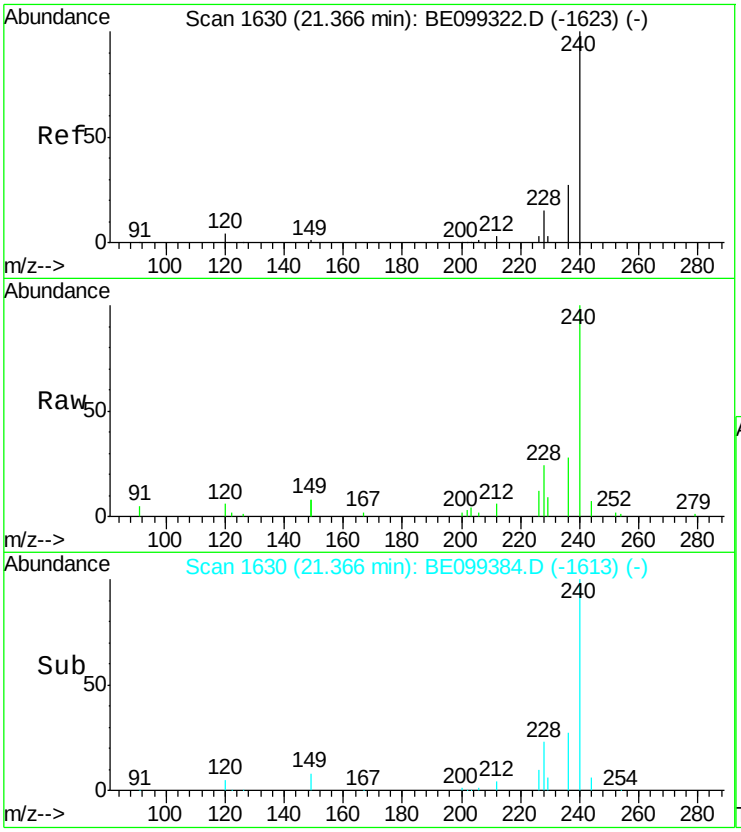


#26
Fluoranthene
Concen: 0.769 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:202 Resp: 81363

Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.4	9.6
203	17.4	13.5	20.3



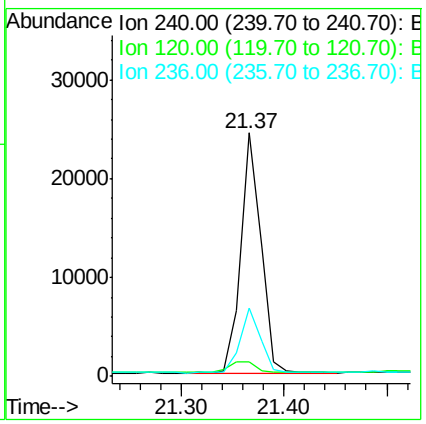


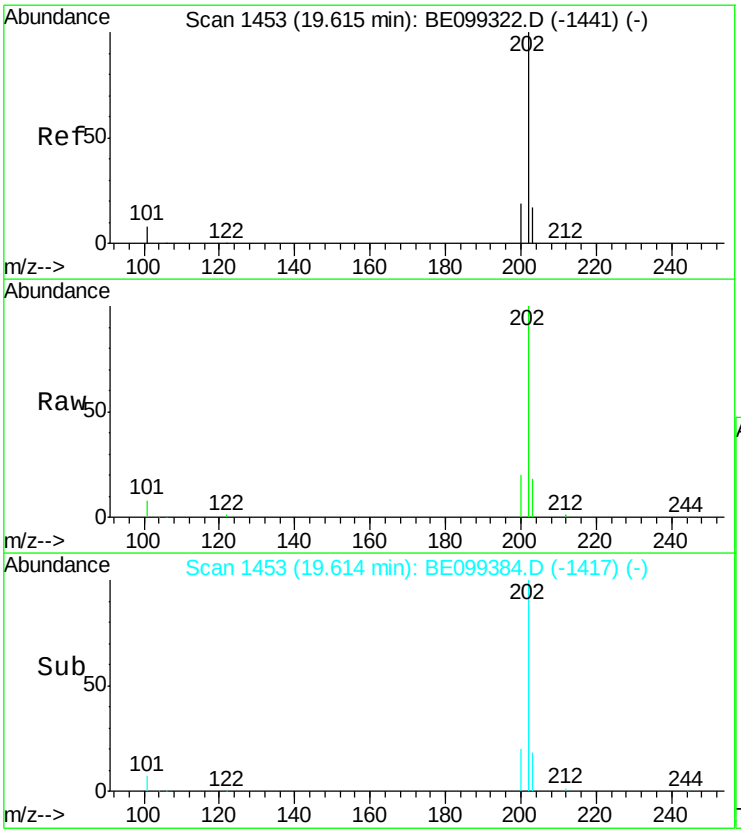
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:240 Resp: 32820

Ion	Ratio	Lower	Upper
240	100		
120	6.2	2.2	3.2#
236	28.2	20.2	30.4

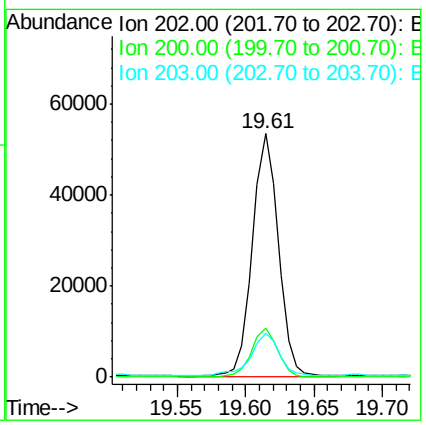


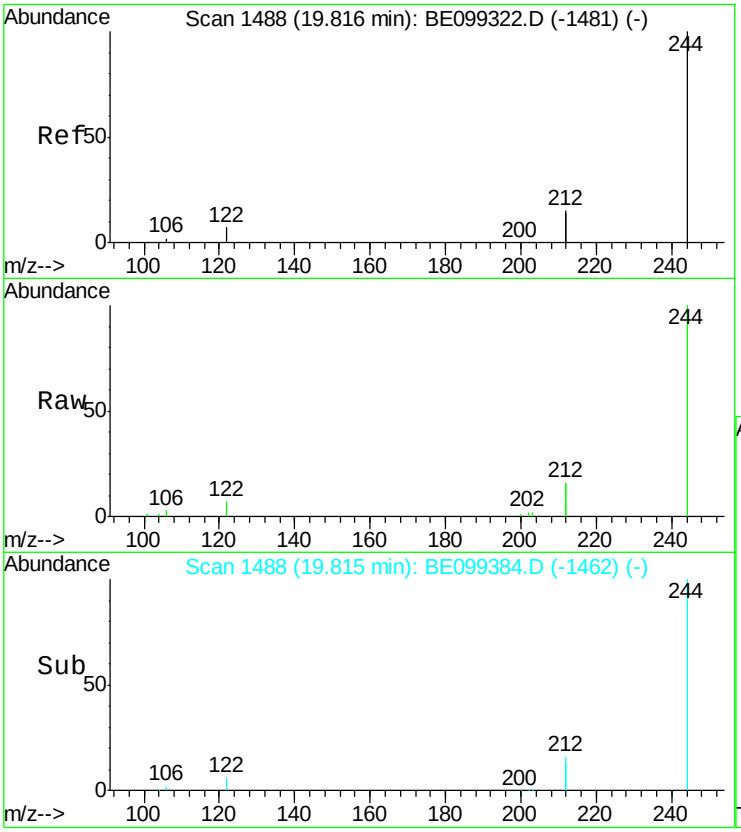


#28
Pyrene
Concen: 0.717 ng
RT: 19.61 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:202 Resp: 69306

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	19.2	13.7	20.5



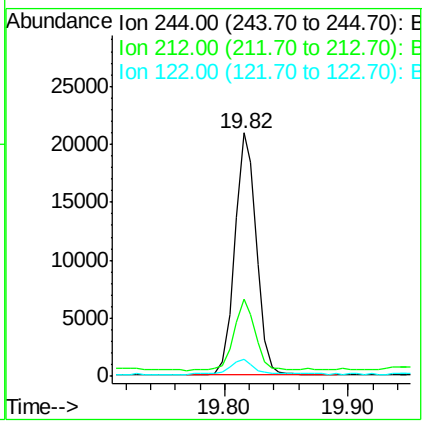


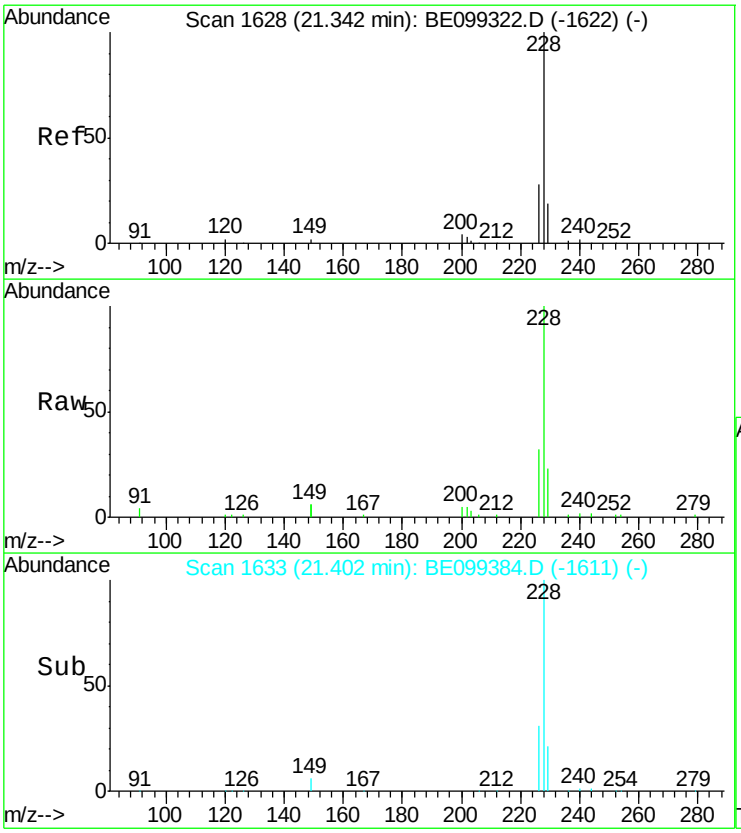
#29
Terphenyl-d14
Concen: 0.392 ng
RT: 19.82 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:244 Resp: 25355

Ion	Ratio	Lower	Upper
244	100		
212	31.8	22.6	33.8
122	7.1	4.6	7.0#

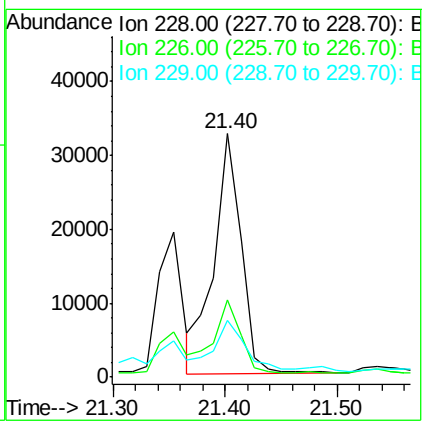


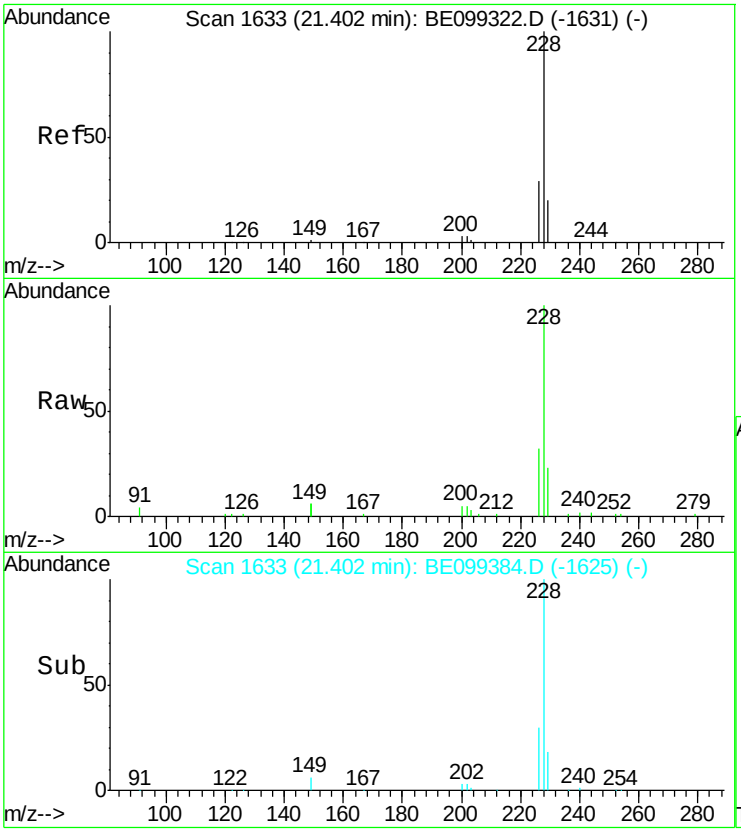


#30
Benzo(a)anthracene
Concen: 0.561 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.06 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:228 Resp: 54137

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.0	33.0
229	23.4	15.8	23.8



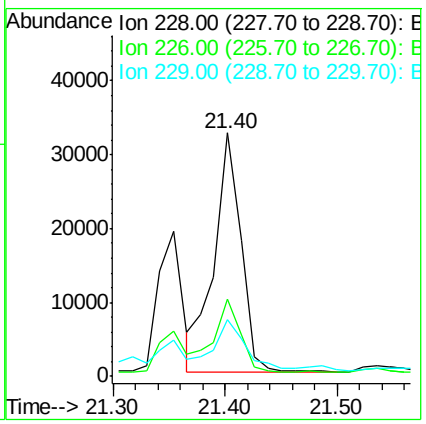


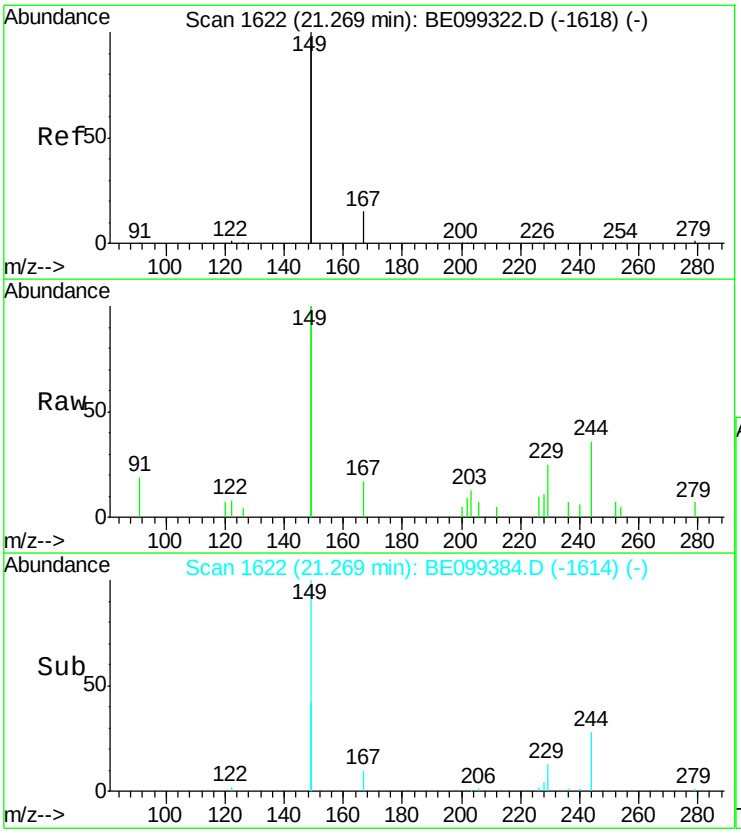
#31
Chrysene
Concen: 0.524 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:228 Resp: 53765

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	23.4	16.2	24.2

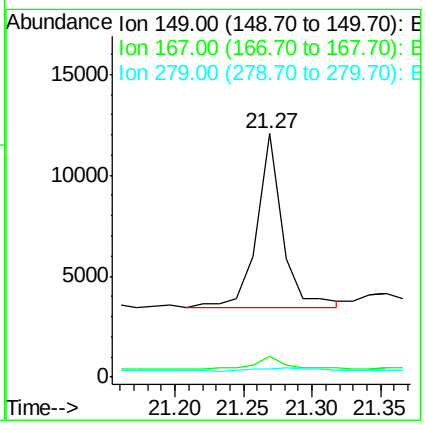


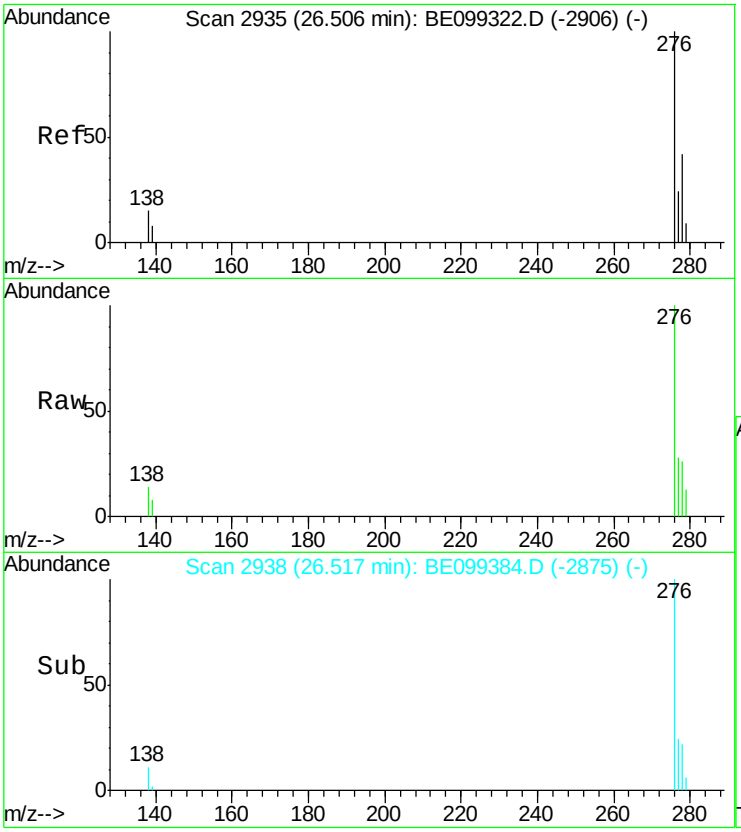


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:149 Resp: 11269

Ion	Ratio	Lower	Upper
149	100		
167	8.1	6.0	9.0
279	3.3	1.1	1.7#



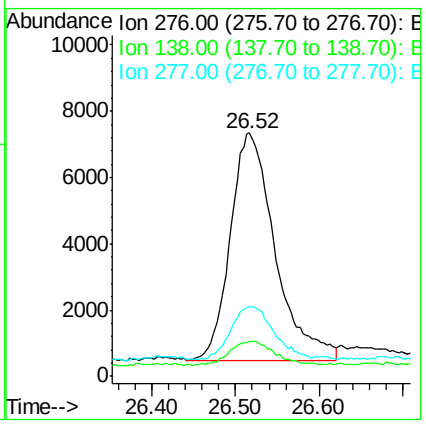


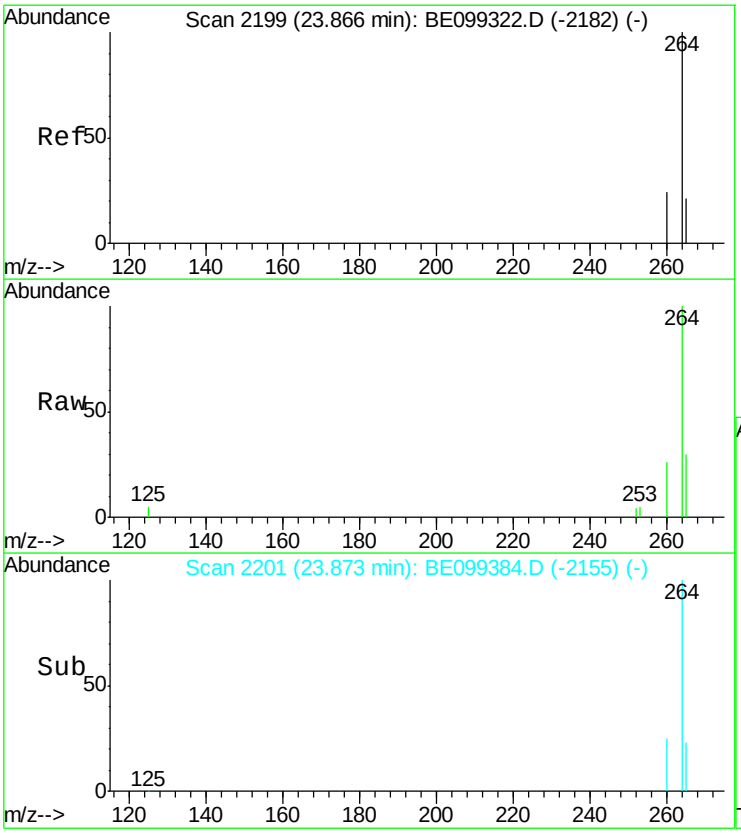
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.02 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:276 Resp: 25592

Ion	Ratio	Lower	Upper
276	100		
138	9.4	12.7	19.1#
277	22.1	19.6	29.4

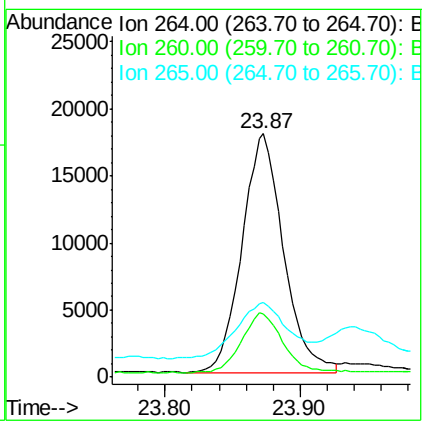


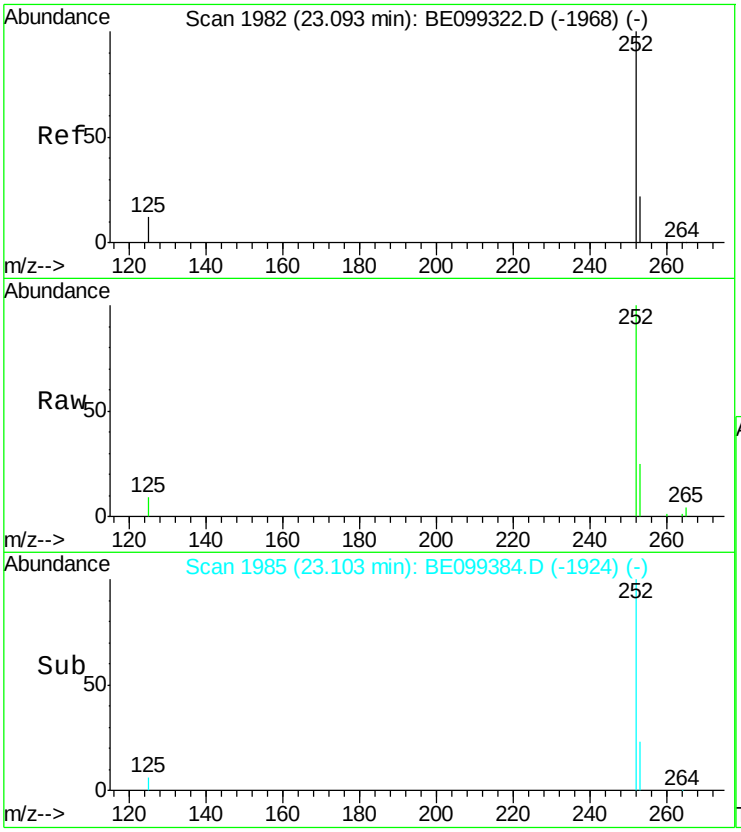


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:264 Resp: 38112

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.1	30.1
265	30.4	19.9	29.9#



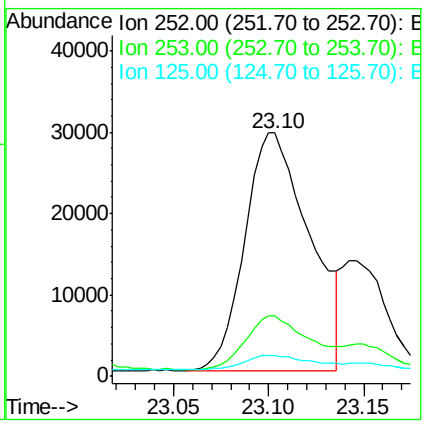


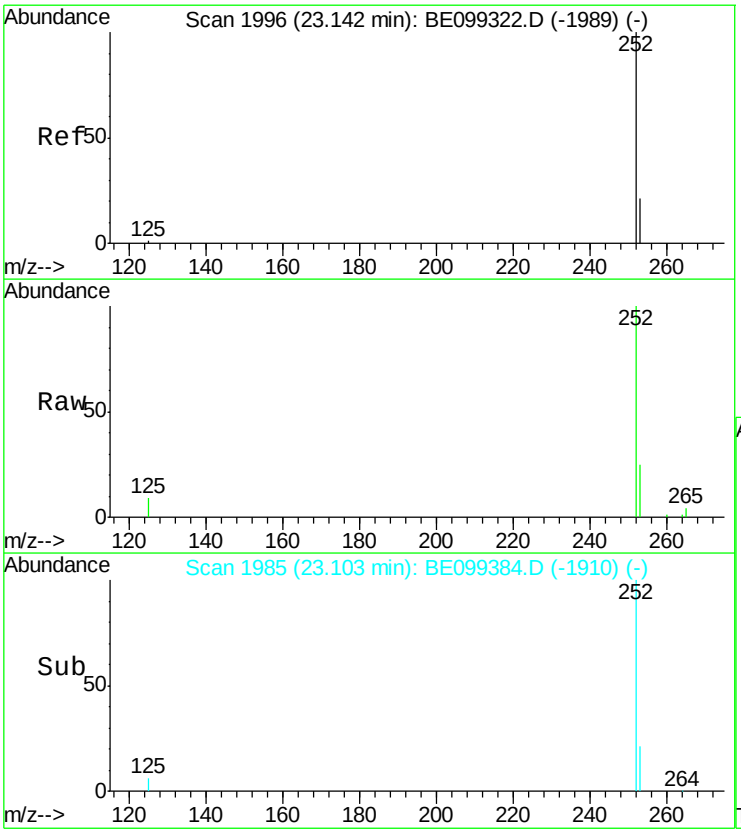
#35
Benzo(b)fluoranthene
Concen: 0.593 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.02 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:252 Resp: 69199

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.3	25.9
125	8.5	5.8	8.6

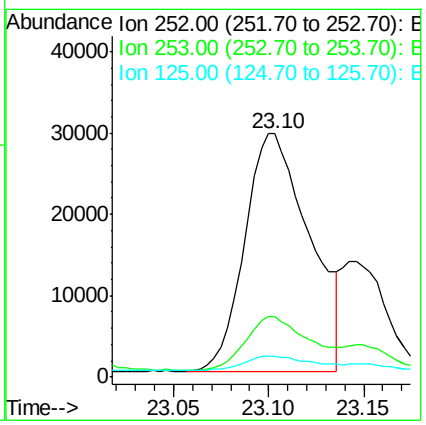


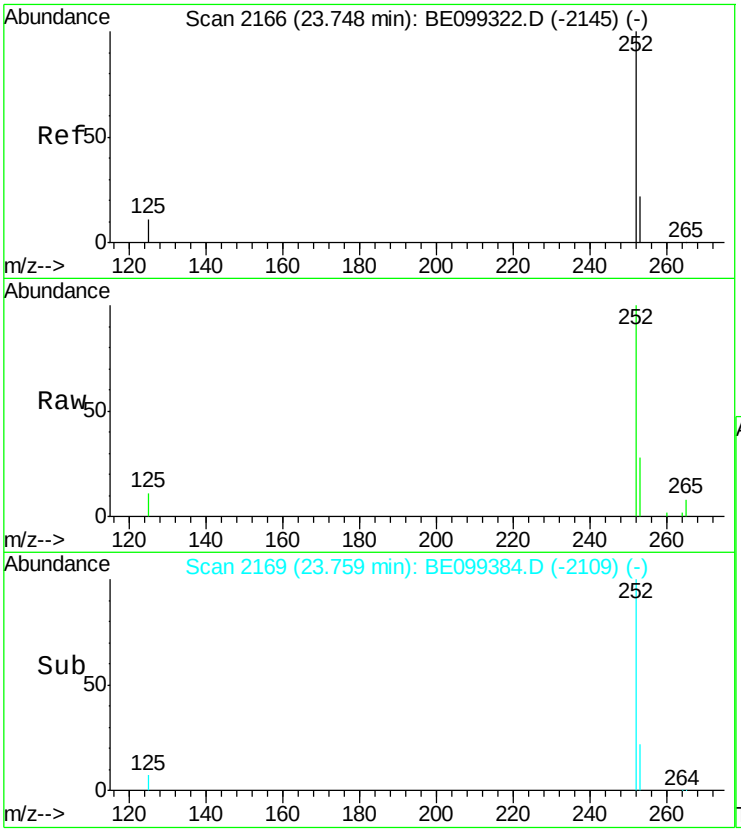


#36
Benzo(k)fluoranthene
Concen: 0.595 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.03 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:252 Resp: 69199

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	8.5	5.4	8.0#



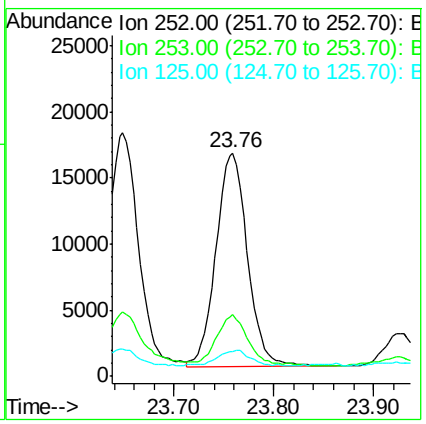


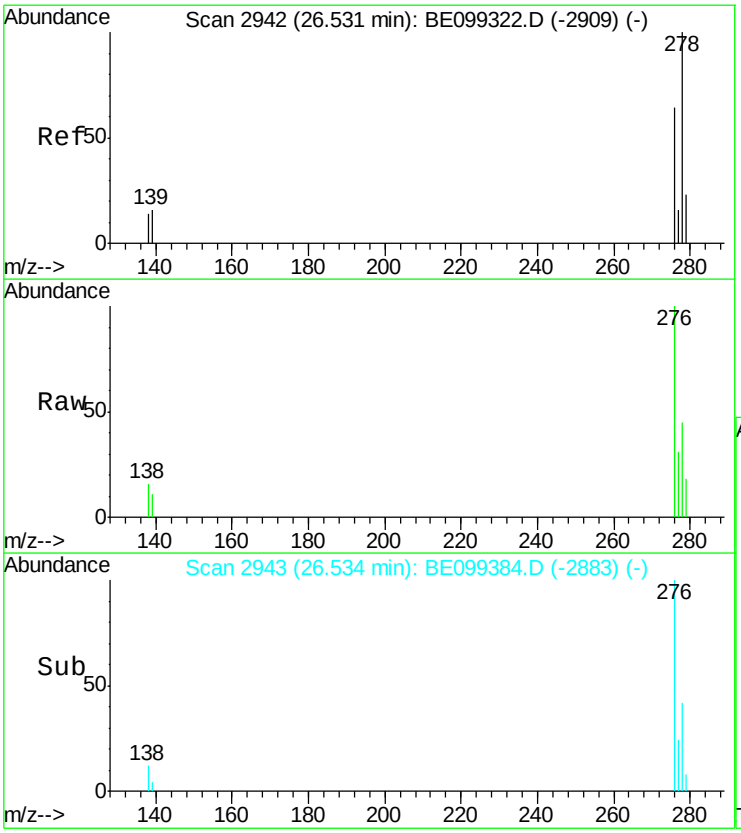
#37
Benzo(a)pyrene
Concen: 0.340 ng
RT: 23.76 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:252 Resp: 35511

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.6	26.4#
125	11.1	6.5	9.7#

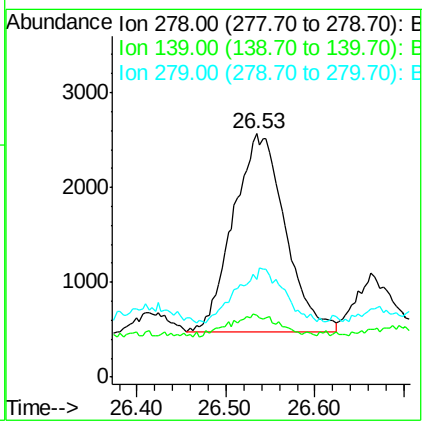


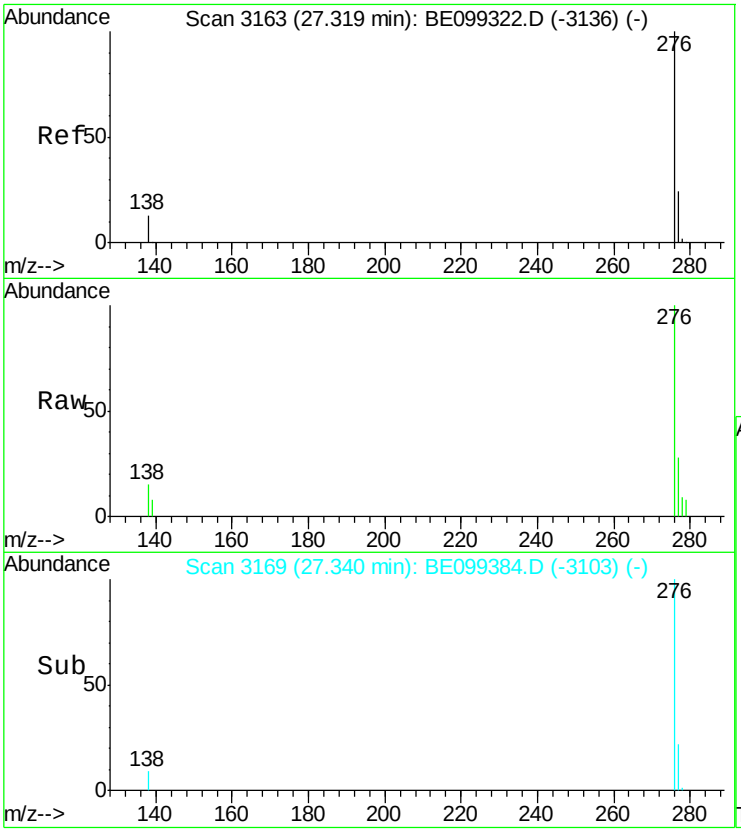


#38
Dibenzo(a,h)anthracene
Concen: 0.079 ng
RT: 26.53 min Scan# 2943
Delta R.T. 0.01 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Tgt Ion:278 Resp: 8477

Ion	Ratio	Lower	Upper
278	100		
139	25.3	8.5	12.7#
279	40.4	19.8	29.8#





#39
Benzo(g,h,i)perylene
Concen: 0.204 ng
RT: 27.34 min Scan# 3169
Delta R.T. 0.04 min
Lab File: BE099384.D
Acq: 26 Apr 2019 18:44

Instrument :
BNA_E
ClientSampleId :
PST-003-SW025-042319

Tgt Ion:276 Resp: 22071

Ion	Ratio	Lower	Upper
276	100		
277	28.3	20.0	30.0
138	14.6	11.1	16.7