Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032319\
Data File : BE099127.D
Acq On : 24 Mar 2019 1:15
Operator : JU/SJ
Sample : K2014-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW078-031919

Quant Time: Mar 24 03:42:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 23 04:40:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3438	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13437	0.40	ng		-0.01
13) Acenaphthene-d10	14.48	164	8944	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	26233	0.40	ng		0.00
27) Chrysene-d12	21.38	240	38912	0.40	ng		-0.01
34) Perylene-d12	23.89	264	42607	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4219	0.41	ng		0.00
5) Phenol-d6	6.99	99	5928	0.40	ng		0.00
8) Nitrobenzene-d5	8.99	82	4173	0.71	ng		0.00
11) 2-Methylnaphthalene-d10	12.22	152	8826	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.96	330	1634	0.62	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	12553	0.35	ng		-0.02
25) Fluoranthene-d10	19.24	212	132999	0.38	ng		0.00
29) Terphenyl-d14	19.83	244	22850	0.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	180	0.034	ng	#	26
3) n-Nitrosodimethylamine	3.69	42	294	0.107	ng	#	1
16) Acenaphthylene	14.20	152	961	0.020	ng		95
22) Pentachlorophenol	16.87	266	31	0.257	ng		88
23) Phenanthrene	17.25	178	14211	0.182	ng		99
26) Fluoranthene	19.27	202	32163	0.293	ng		98
28) Pyrene	19.63	202	31600	0.239	ng		95
30) Benzo(a)anthracene	21.37	228	17900	0.131	ng		98
31) Chrysene	21.42	228	18760	0.137	ng		95
32) Bis(2-ethylhexyl)phthalate	21.29	149	28462	0.160	ng		98
33) Indeno(1,2,3-cd)pyrene	26.54	276	10639	0.072	ng	#	85
35) Benzo(b)fluoranthene	23.12	252	24246	0.165	ng	#	90
36) Benzo(k)fluoranthene	23.12	252	24246	0.168	ng	#	93
37) Benzo(a)pyrene	23.78	252	16072	0.118	ng		96
38) Dibenzo(a,h)anthracene	26.57	278	2731	0.021	ng	#	61
39) Benzo(g,h,i)perylene	27.37	276	11007	0.081	ng		95

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

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Instrument :
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PST-026-SW078-031919

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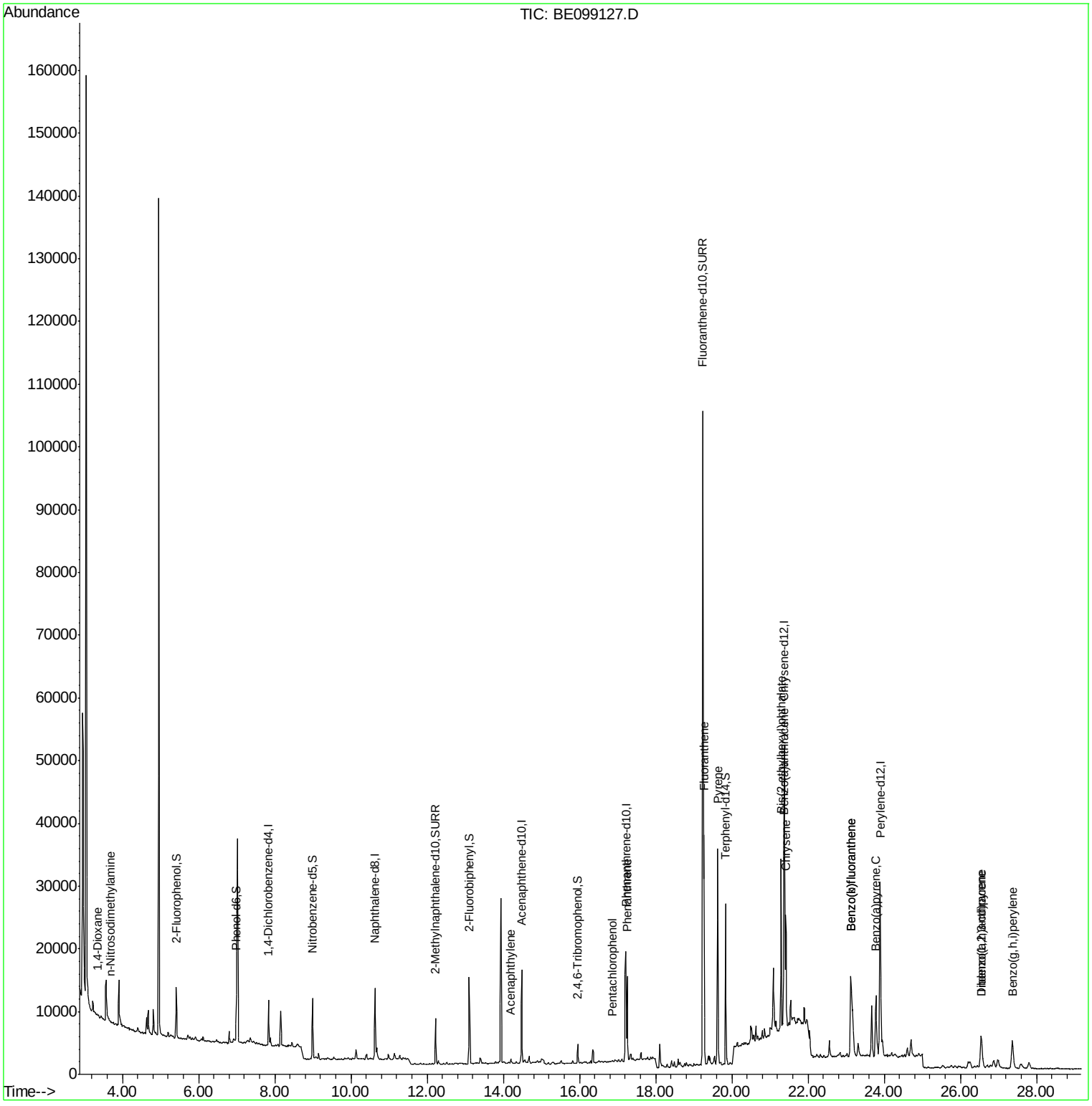
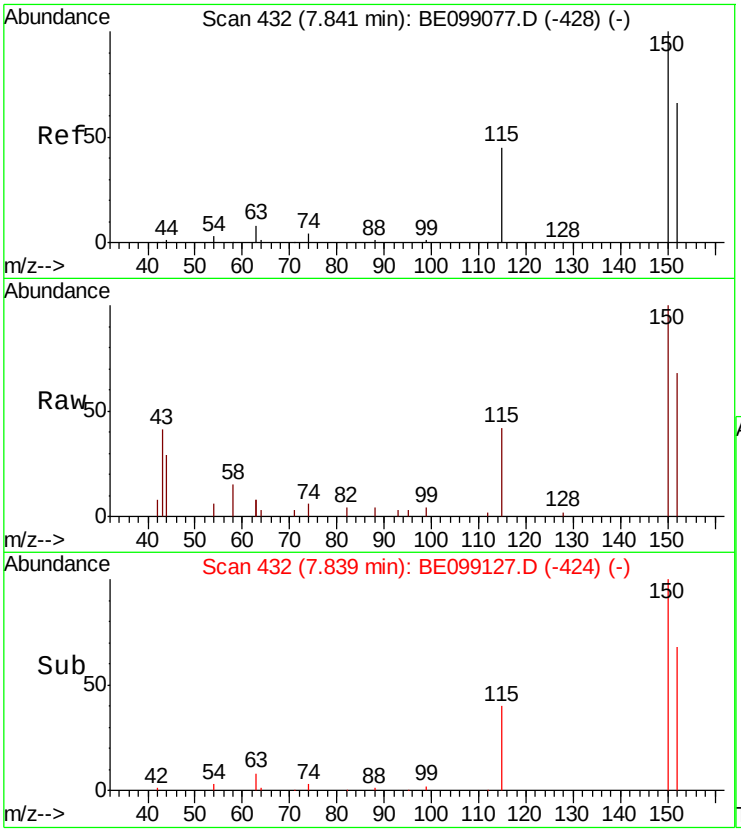


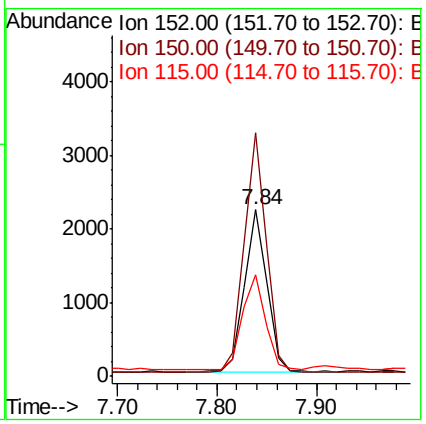


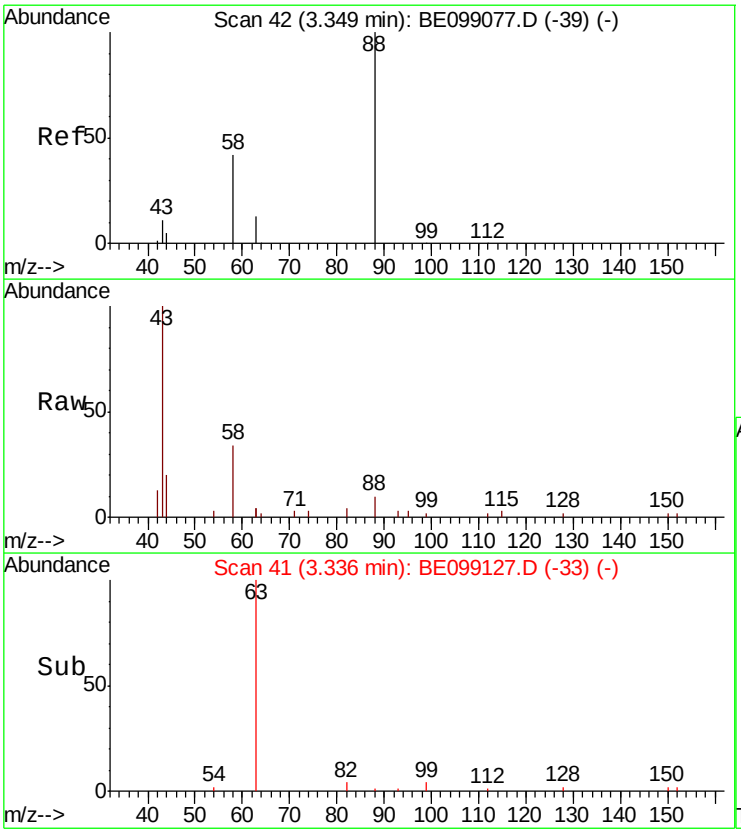
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:152 Resp: 3438

Ion	Ratio	Lower	Upper
152	100		
150	146.3	122.5	183.7
115	61.3	57.4	86.2

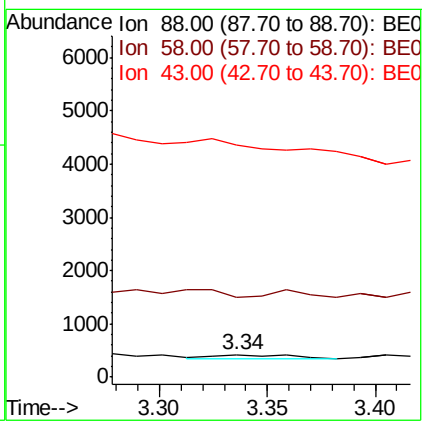


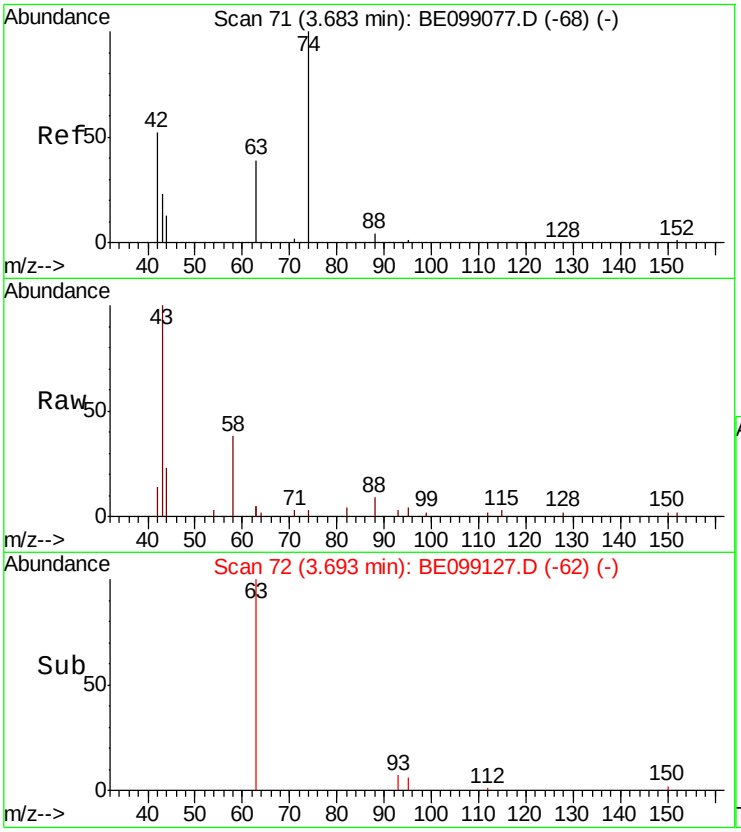


#2
1,4-Dioxane
Concen: 0.034 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion: 88 Resp: 180

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.0	78.0#
43	0.0	24.0	36.0#



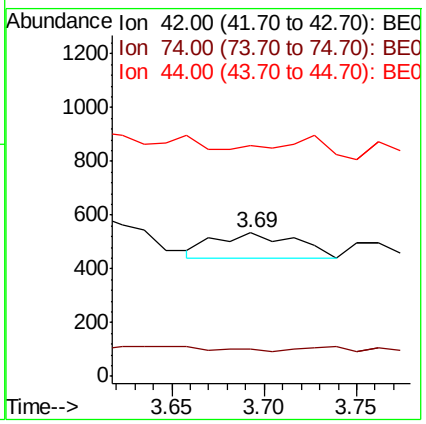


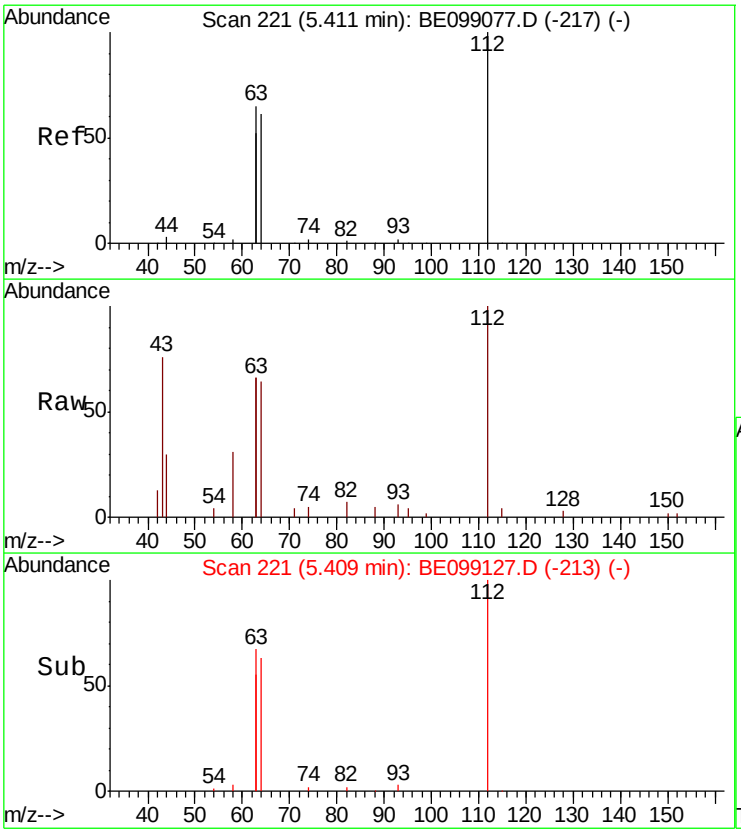
#3
n-Nitrosodimethylamine
Concen: 0.107 ng
RT: 3.69 min Scan# 72
Delta R.T. 0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion: 42 Resp: 294

Ion	Ratio	Lower	Upper
42	100		
74	0.0	160.0	240.0#
44	0.0	0.0	0.0

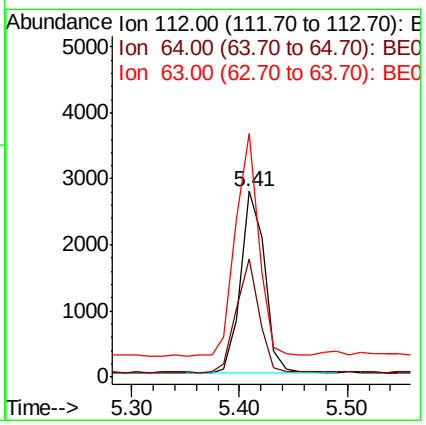


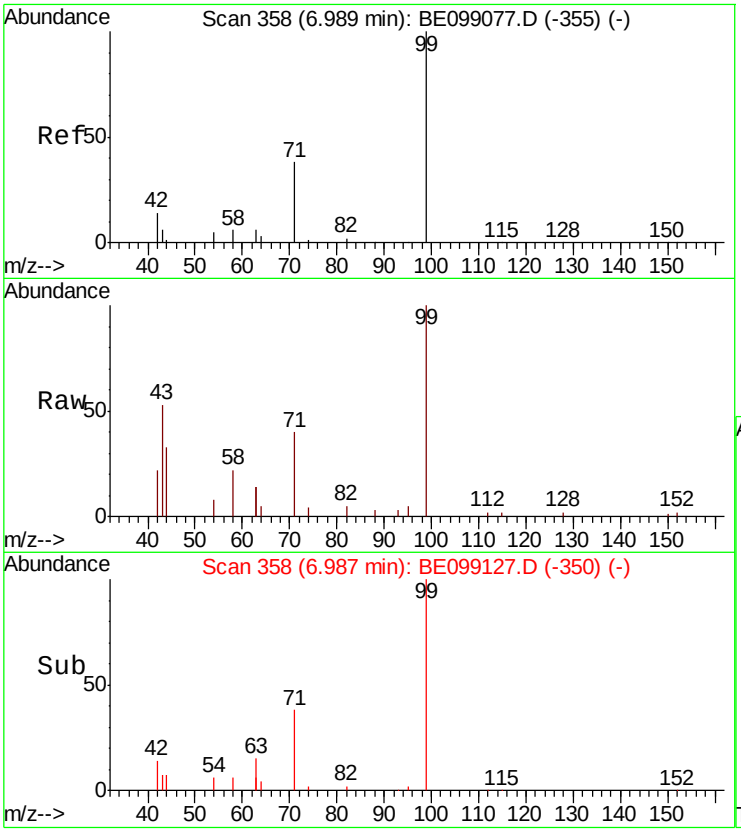


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.41 min Scan# 221
Delta R.T. -0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:112 Resp: 4219

Ion	Ratio	Lower	Upper
112	100		
64	59.2	57.9	86.9
63	118.7	158.3	237.5#



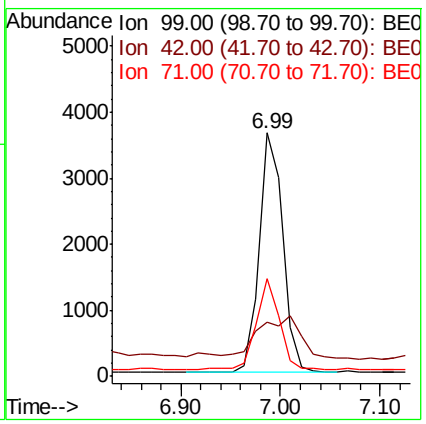


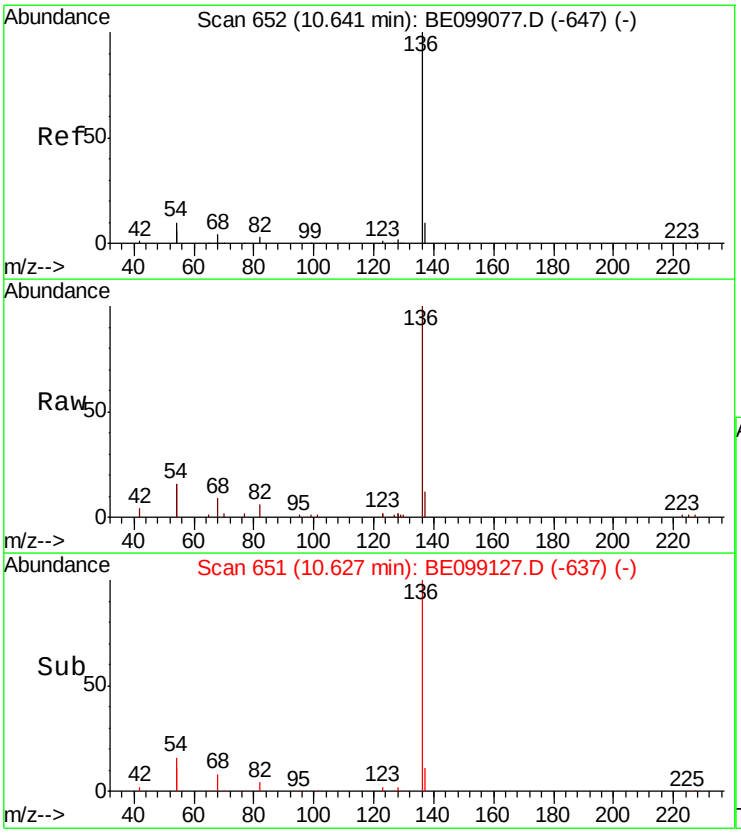
#5
Phenol-d6
Concen: 0.402 ng
RT: 6.99 min Scan# 358
Delta R.T. -0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion: 99 Resp: 5928

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	37.4	35.7	53.5

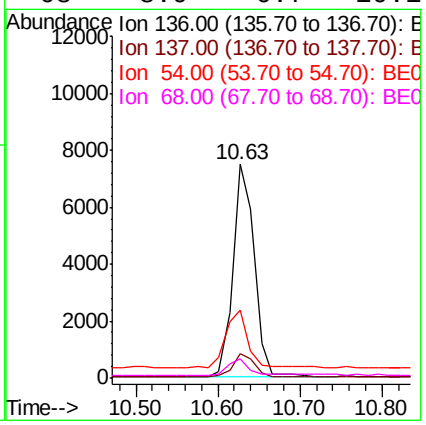


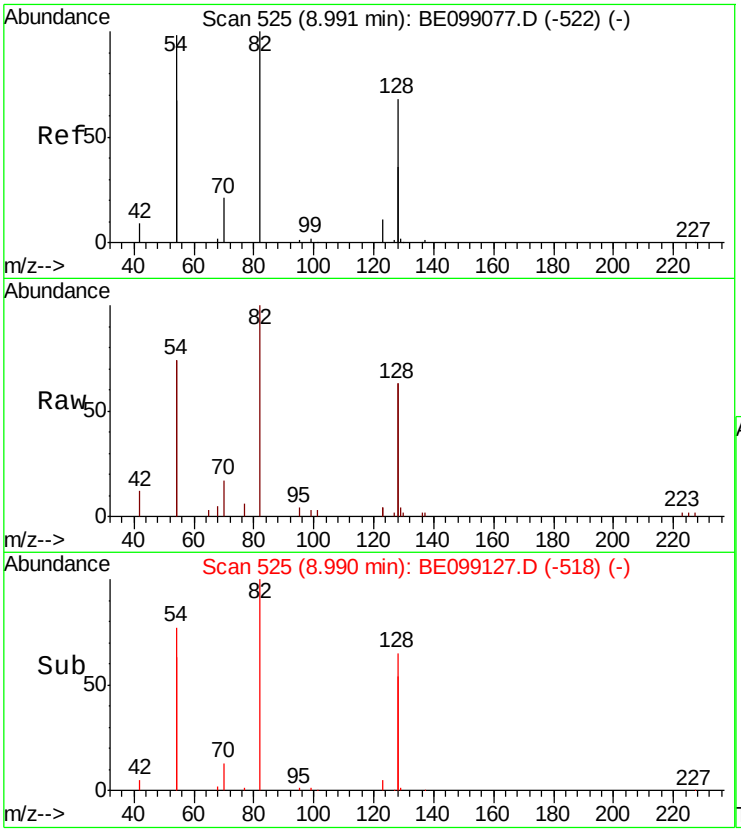


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:136 Resp: 13437

Ion	Ratio	Lower	Upper
136	100		
137	11.5	11.4	17.0
54	32.1	39.3	58.9#
68	8.9	6.7	10.1



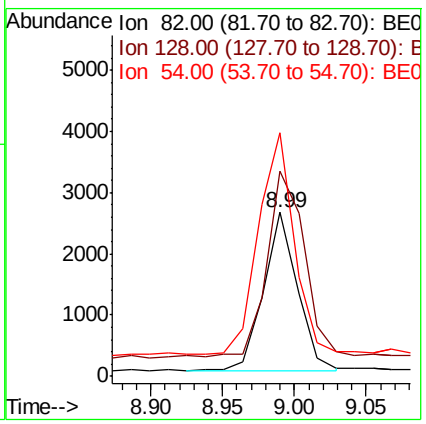


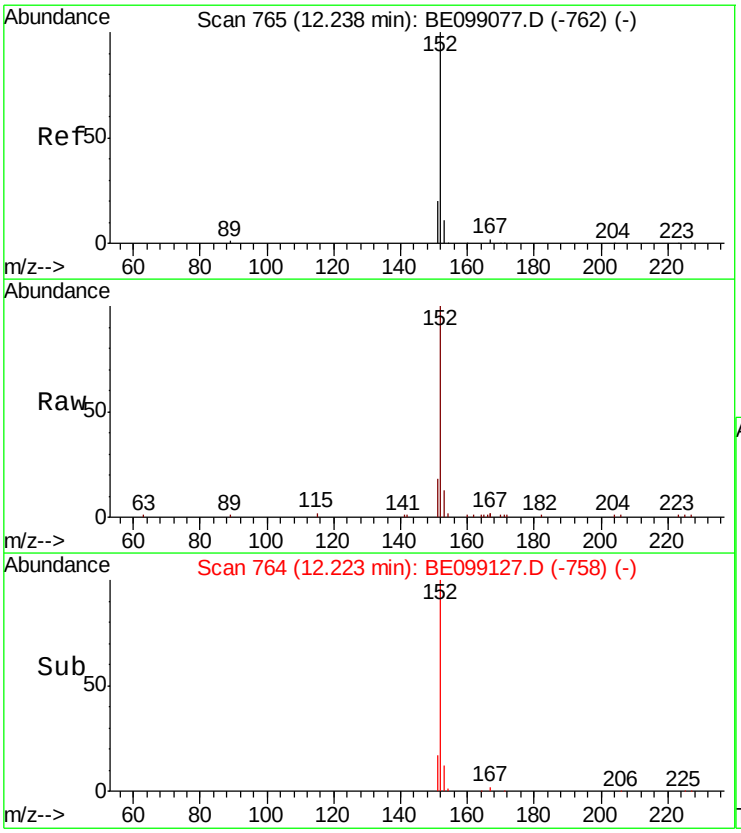
#8
Nitrobenzene-d5
Concen: 0.710 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion: 82 Resp: 4173

Ion	Ratio	Lower	Upper
82	100		
128	125.2	123.8	185.8
54	148.6	203.4	305.2#

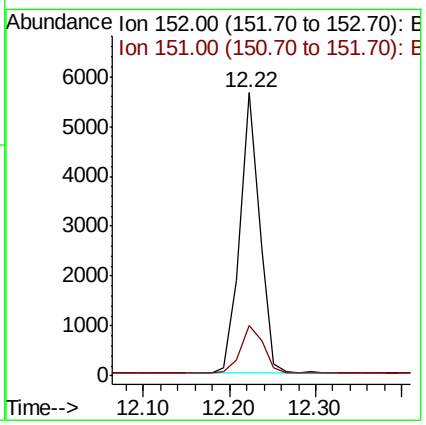


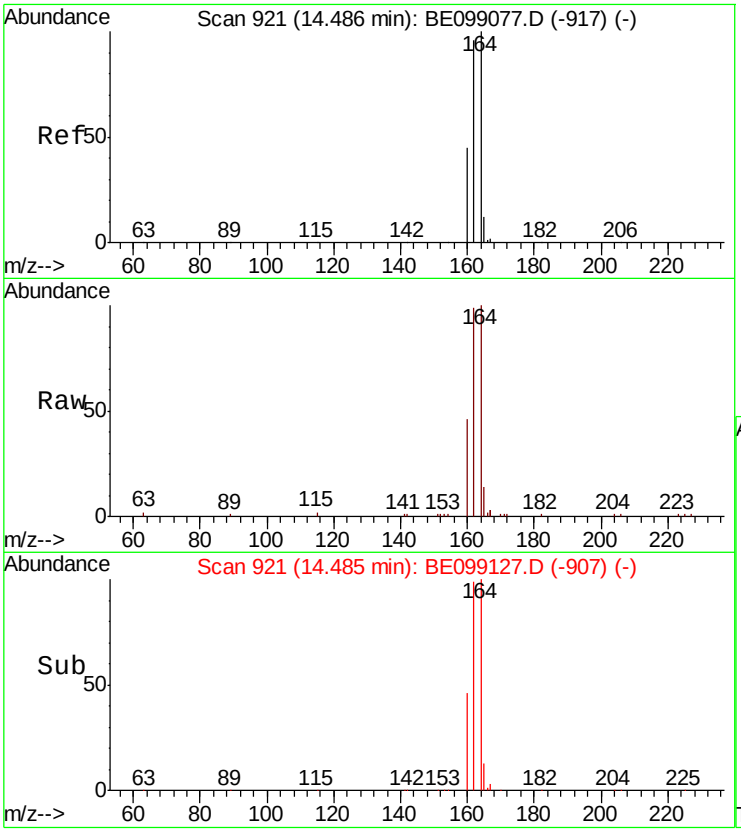


#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.02 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:152 Resp: 8826

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7



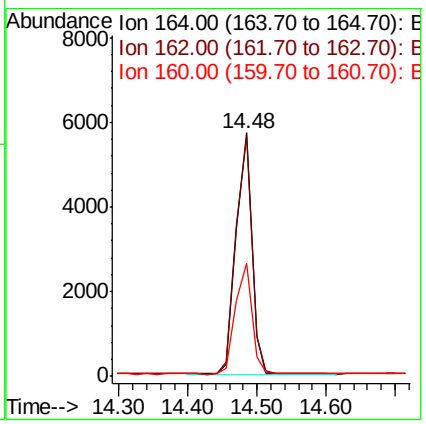


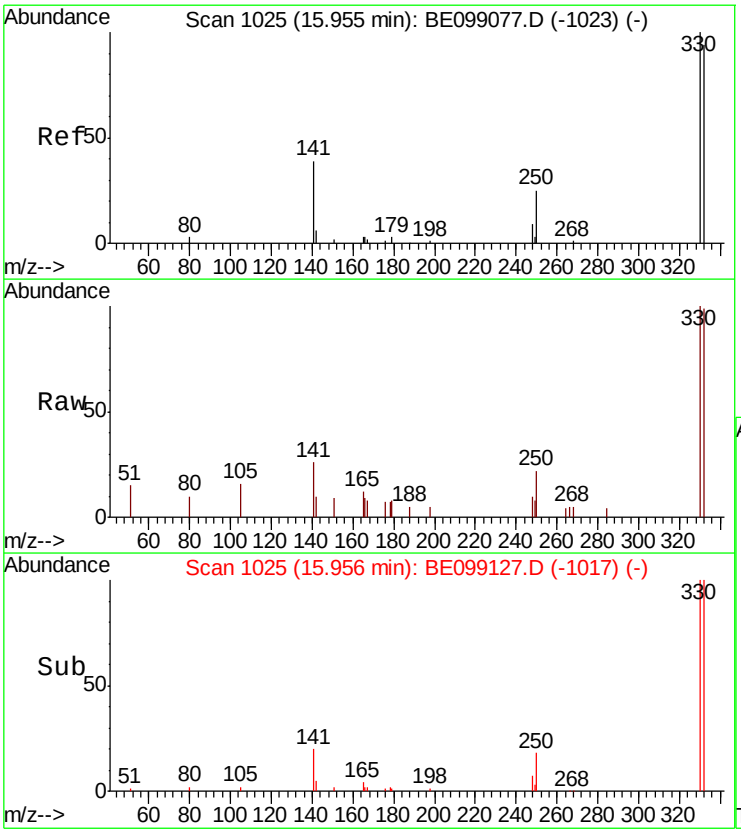
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:164 Resp: 8944

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.2	120.2
160	46.2	37.8	56.8

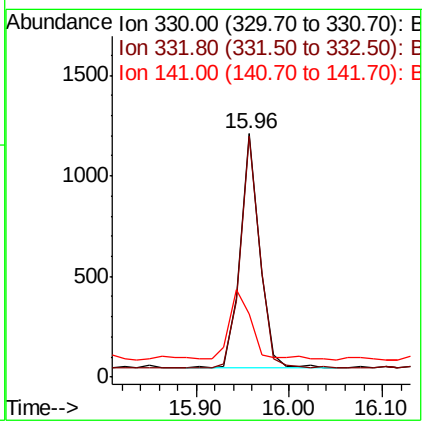


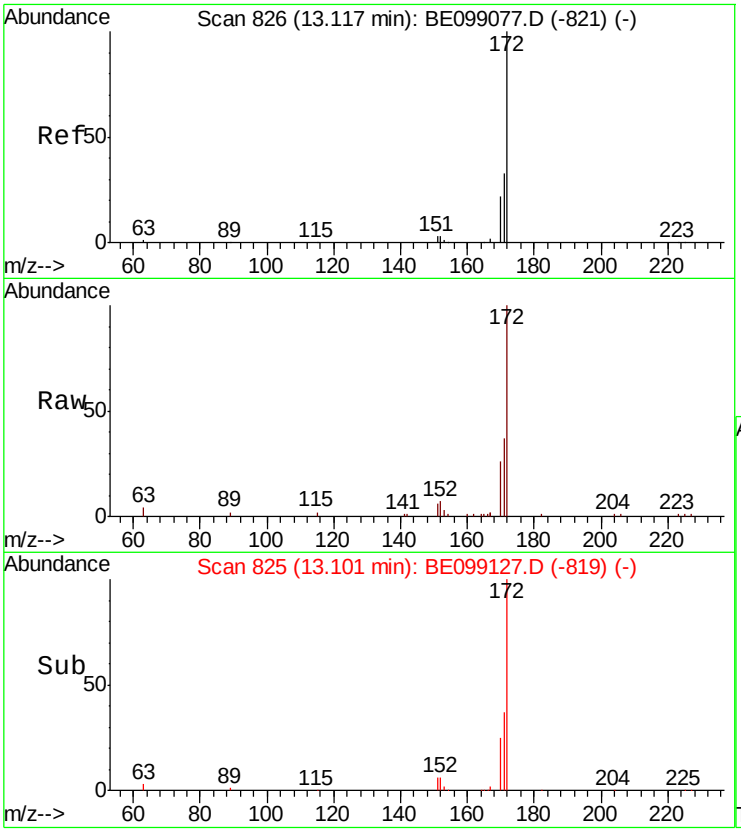


#14
2,4,6-Tribromophenol
Concen: 0.621 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:330 Resp: 1634

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.6	116.4
141	35.7	31.0	46.4



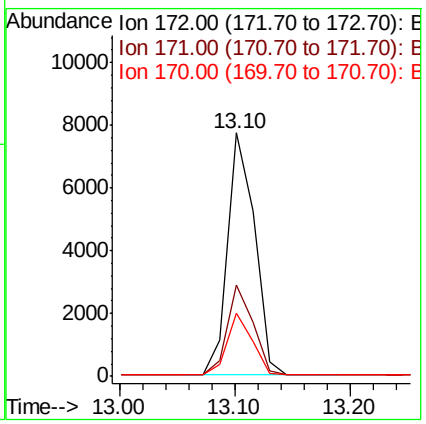


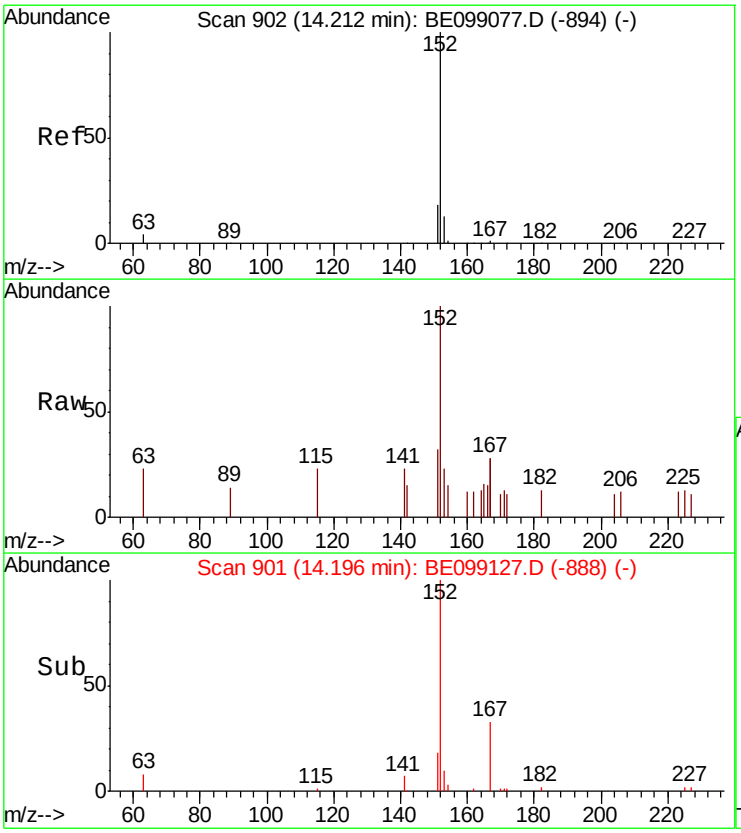
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.02 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:172 Resp: 12553

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.0	42.0
170	25.7	17.7	26.5

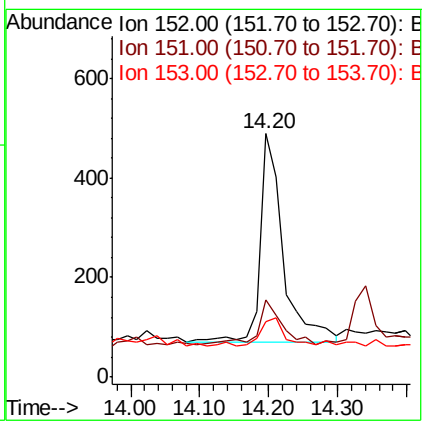


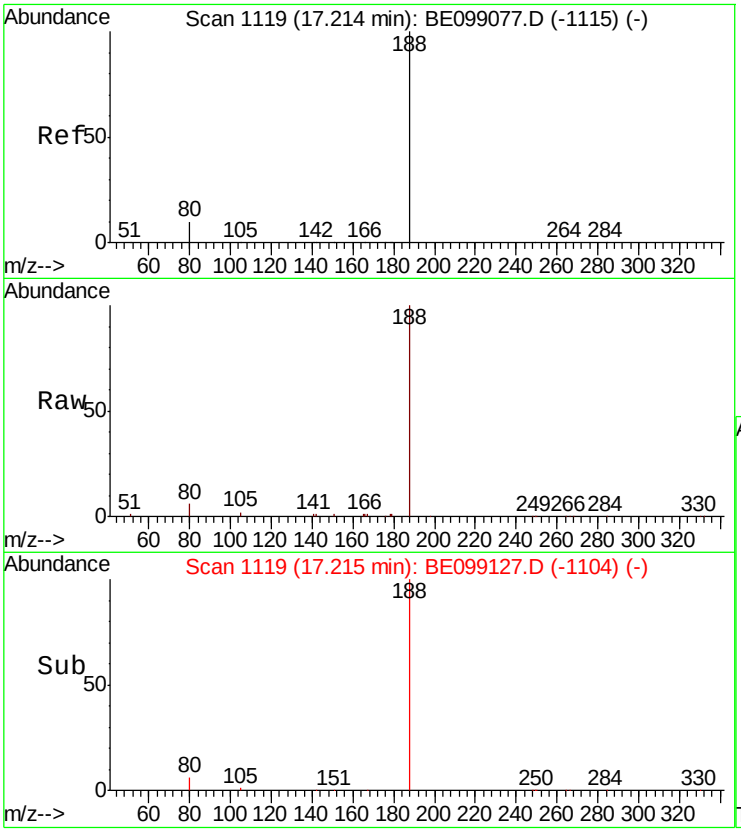


#16
Acenaphthylene
Concen: 0.020 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.02 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:152 Resp: 961

Ion	Ratio	Lower	Upper
152	100		
151	24.6	17.0	25.6
153	13.1	11.2	16.8



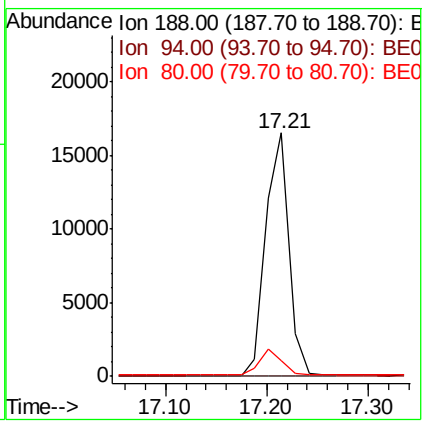


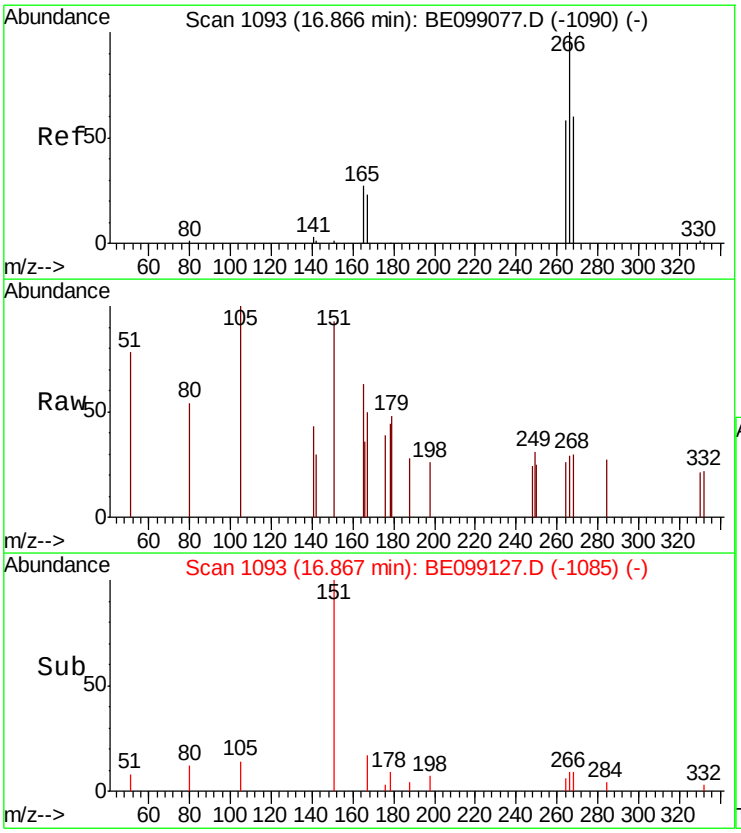
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:188 Resp: 26233

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	6.3	9.5#

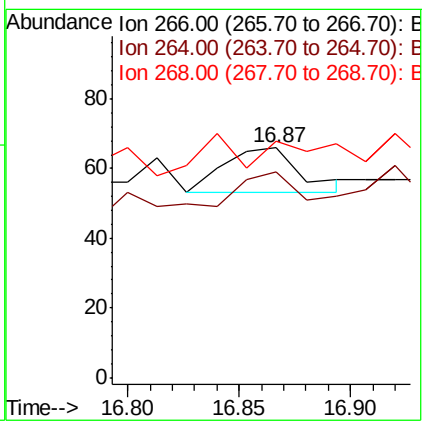


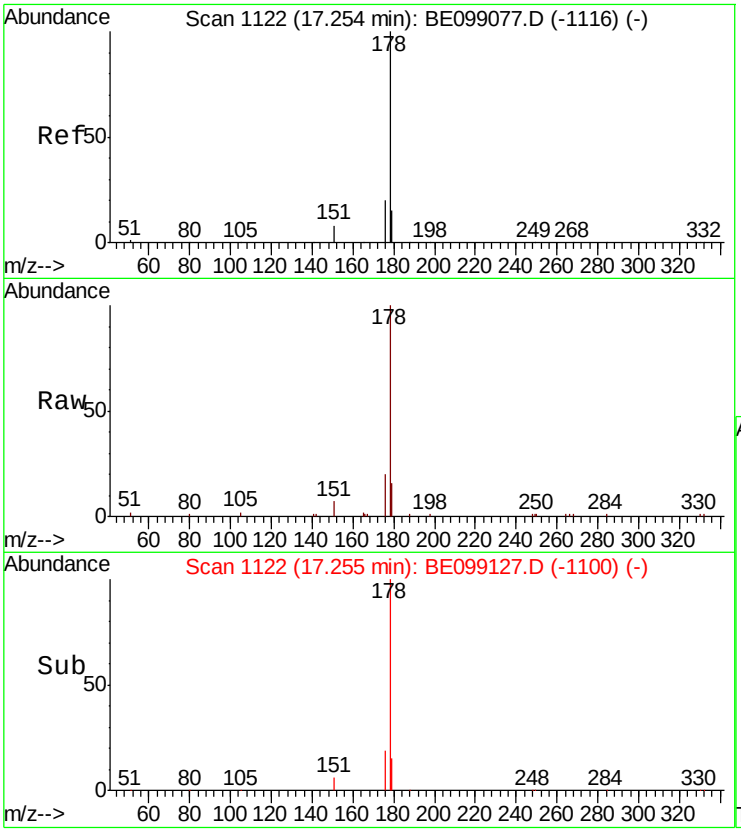


#22
Pentachlorophenol
Concen: 0.257 ng
RT: 16.87 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:266 Resp: 31

Ion	Ratio	Lower	Upper
266	100		
264	89.4	66.6	100.0
268	103.0	69.8	104.8



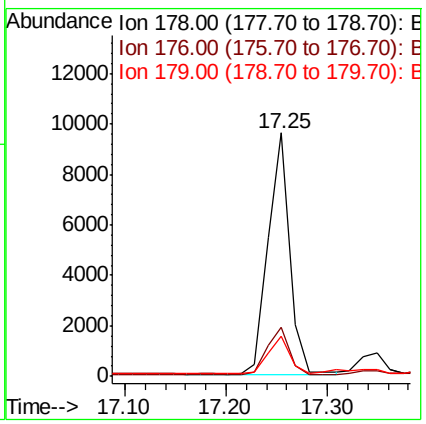


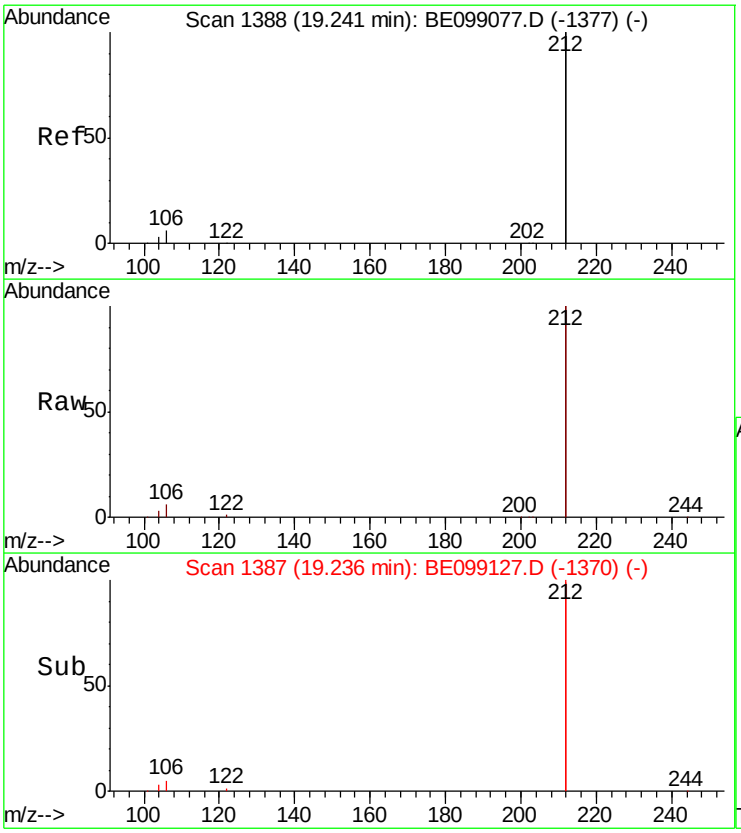
#23
Phenanthrene
Concen: 0.182 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:178 Resp: 14211

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.0	12.1	18.1

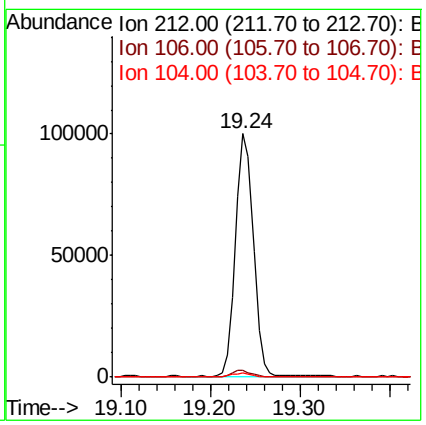


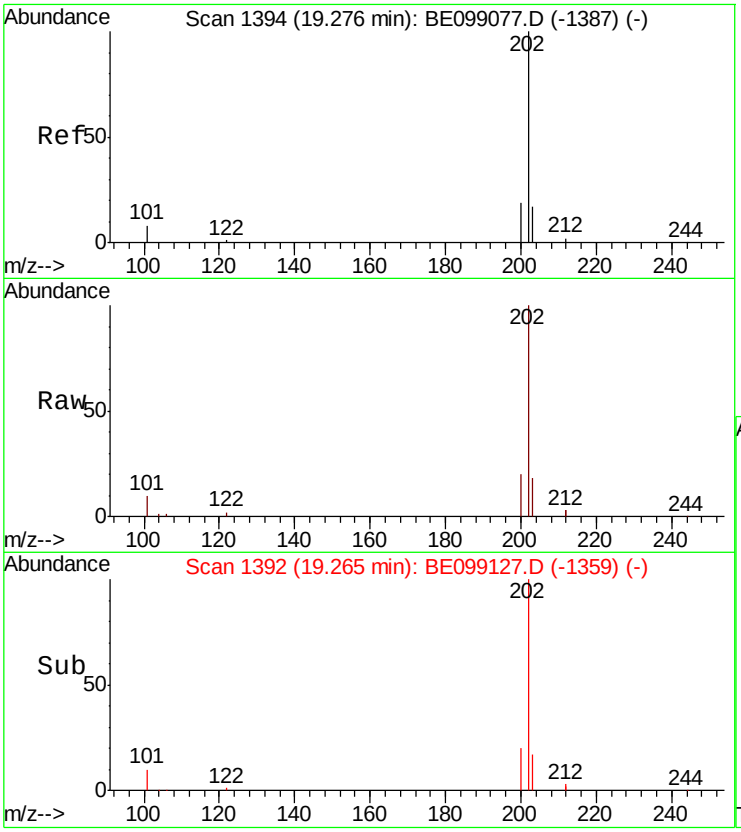


#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.24 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:212 Resp: 132999

Ion	Ratio	Lower	Upper
212	100		
106	2.7	1.8	2.8
104	1.5	1.0	1.6



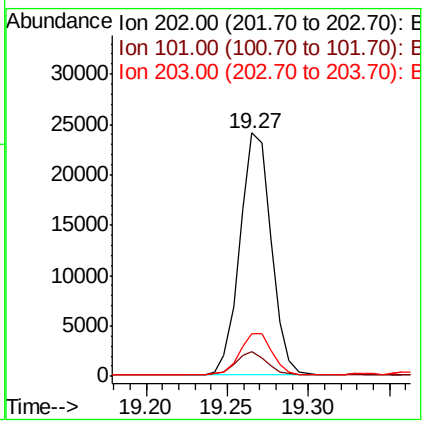


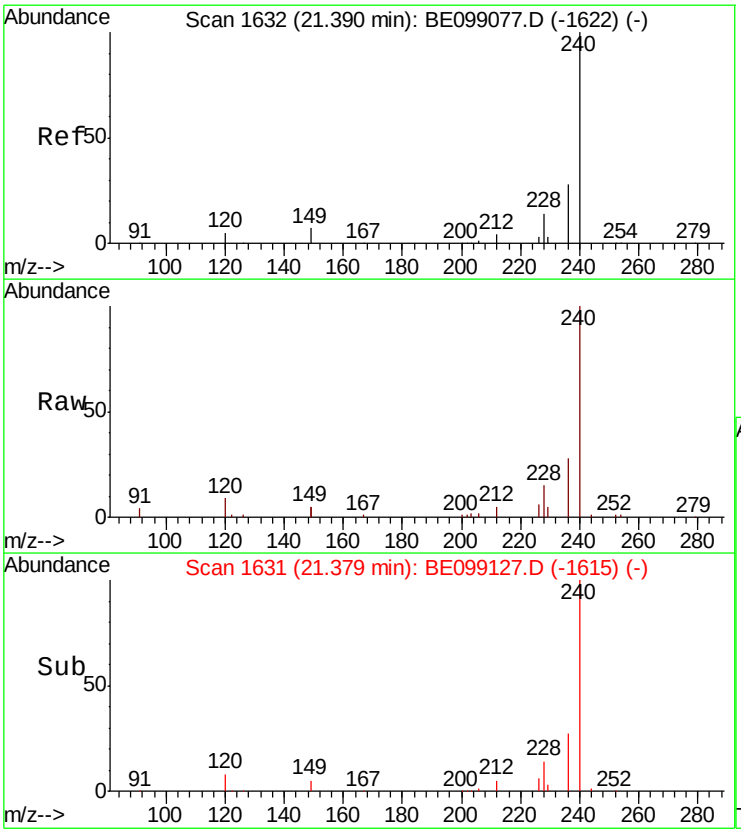
#26
Fluoranthene
Concen: 0.293 ng
RT: 19.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:202 Resp: 32163

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.3	10.9
203	17.5	13.4	20.2

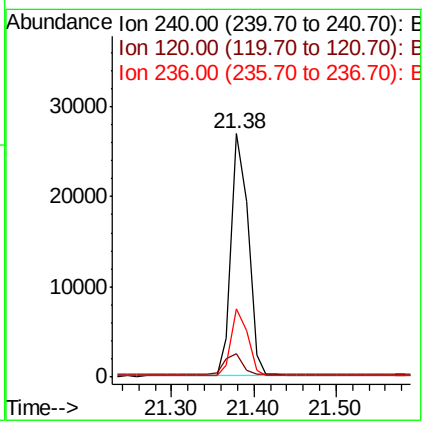


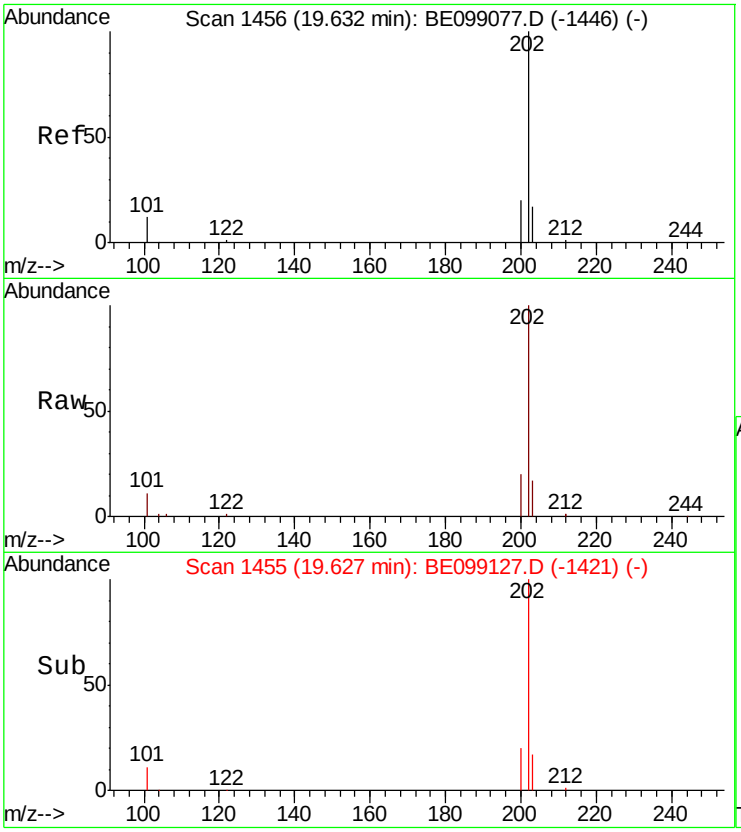


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:240 Resp: 38912

Ion	Ratio	Lower	Upper
240	100		
120	9.4	5.0	7.4#
236	27.8	22.7	34.1



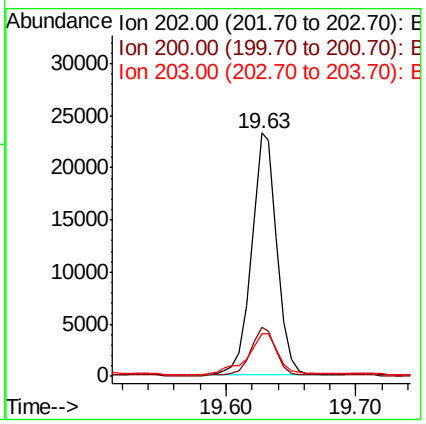


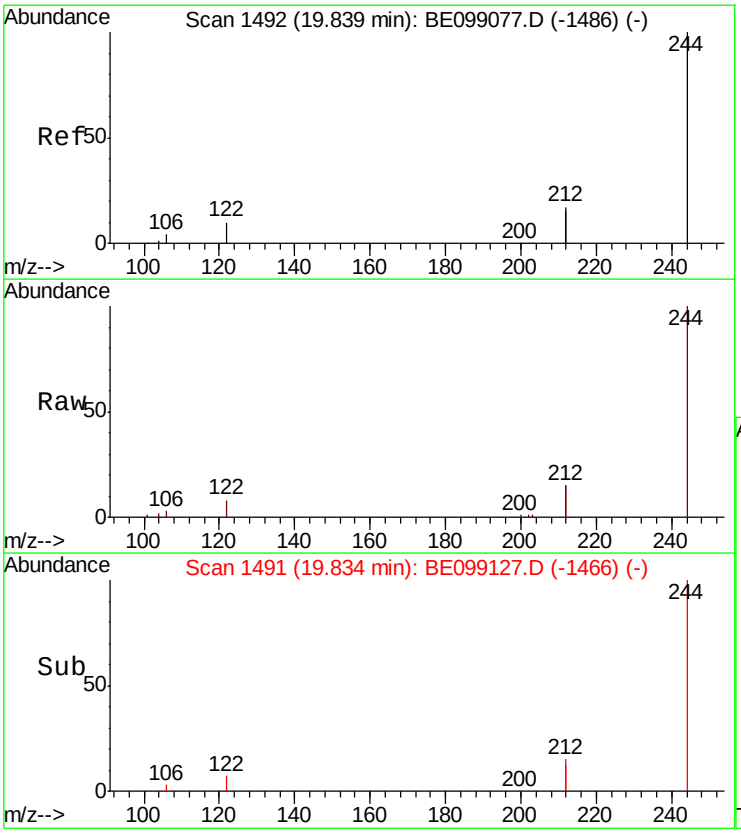
#28
Pyrene
Concen: 0.239 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:202 Resp: 31600

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.0	25.6
203	20.6	14.2	21.2

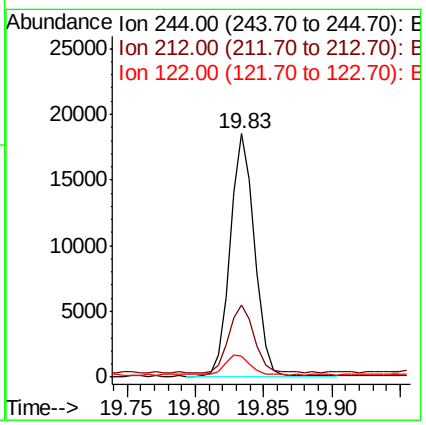


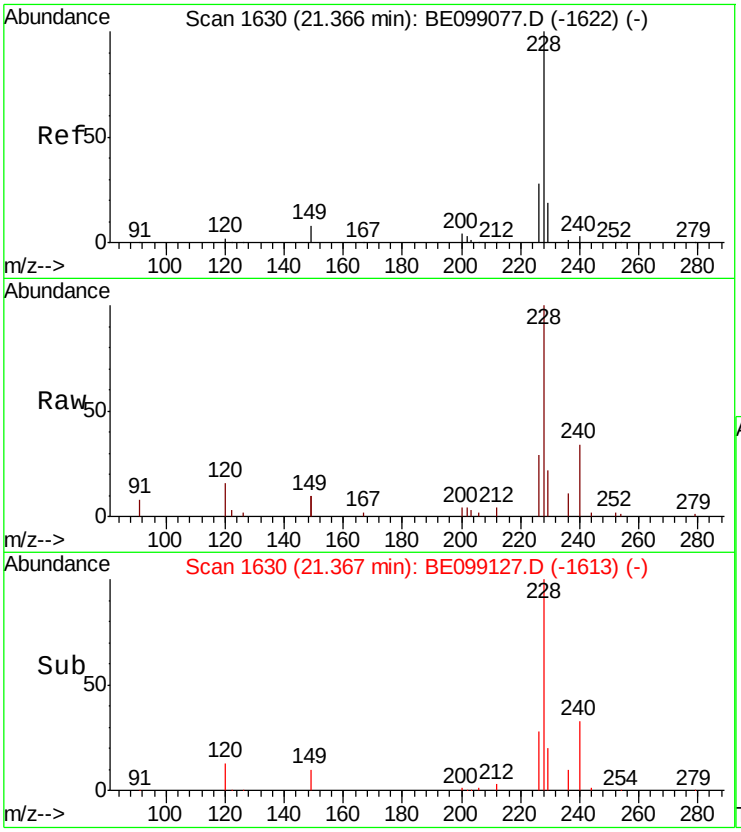


#29
Terphenyl-d14
Concen: 0.277 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:244 Resp: 22850

Ion	Ratio	Lower	Upper
244	100		
212	29.5	29.4	44.2
122	8.4	7.1	10.7



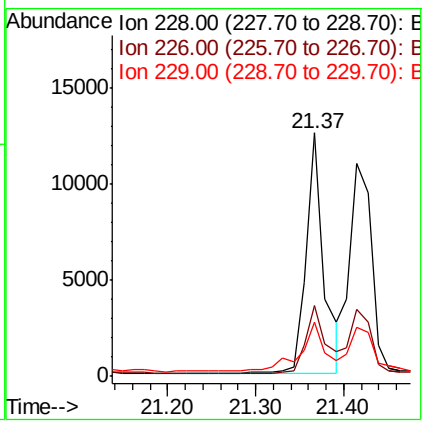


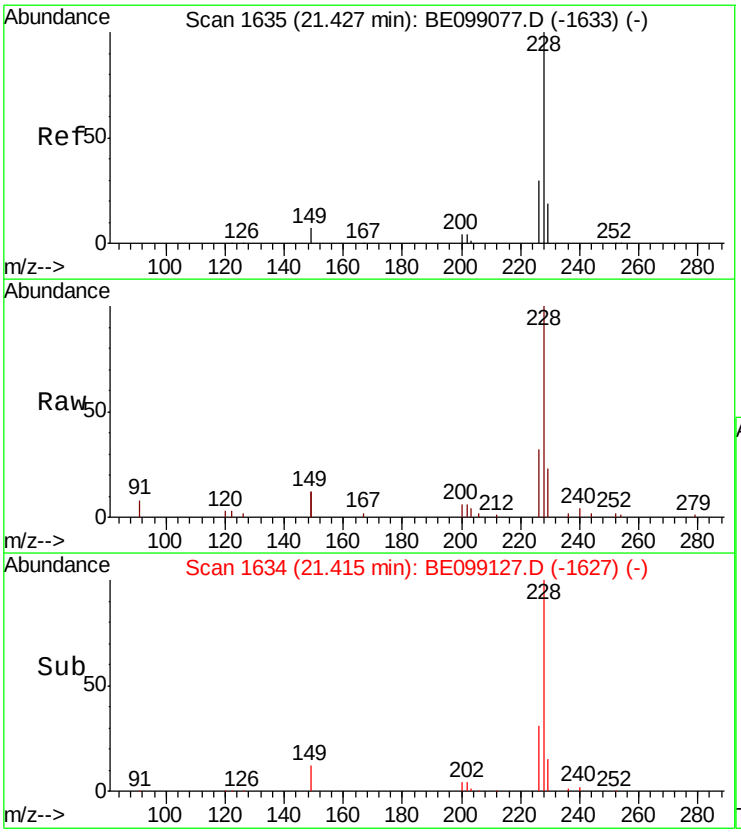
#30
Benzo(a)anthracene
Concen: 0.131 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:228 Resp: 17900

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	22.1	16.5	24.7

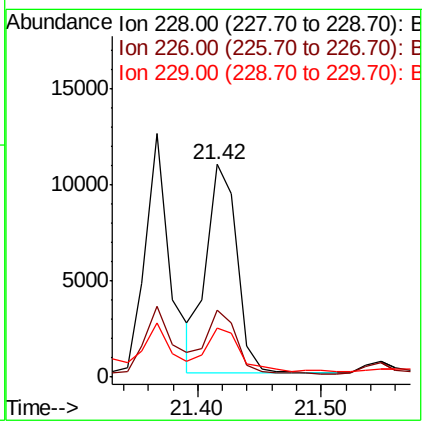


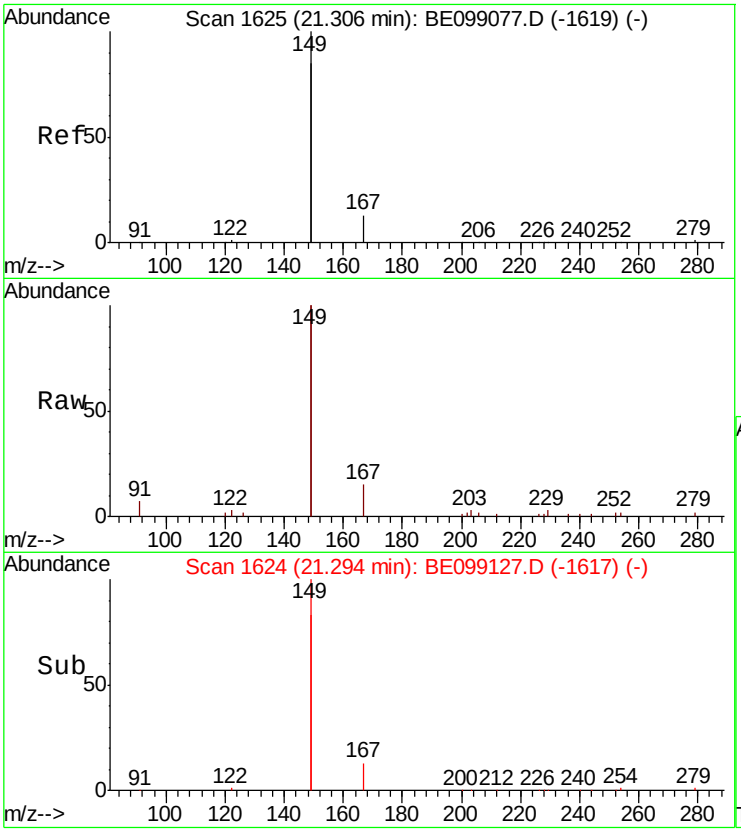


#31
Chrysene
Concen: 0.137 ng
RT: 21.42 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:228 Resp: 18760

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.7	35.5
229	23.0	16.1	24.1



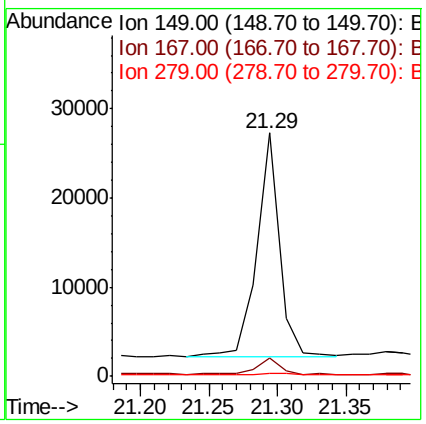


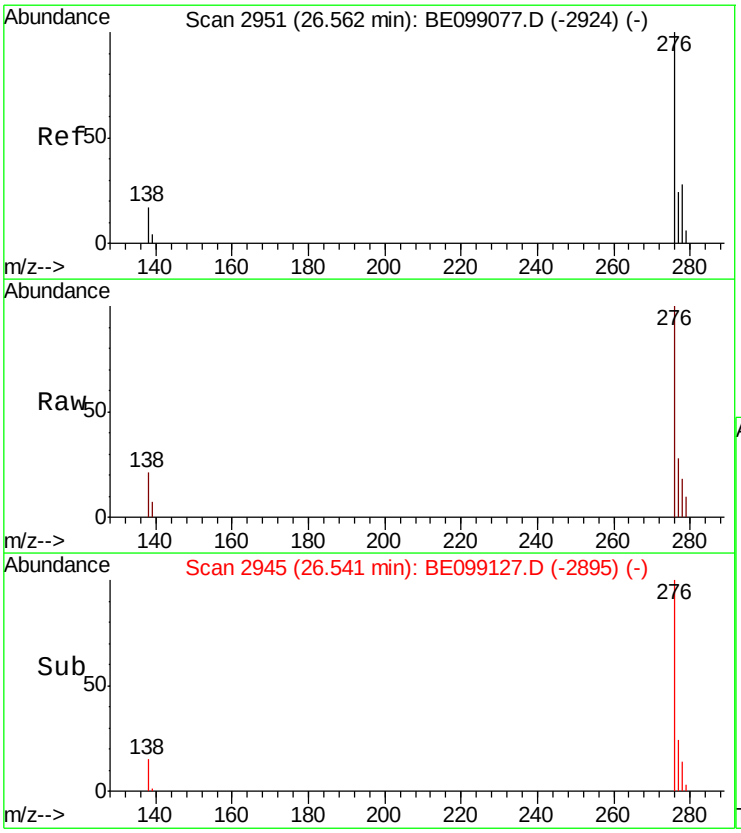
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.160 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:149 Resp: 28462

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.4	8.0
279	1.0	1.0	1.4

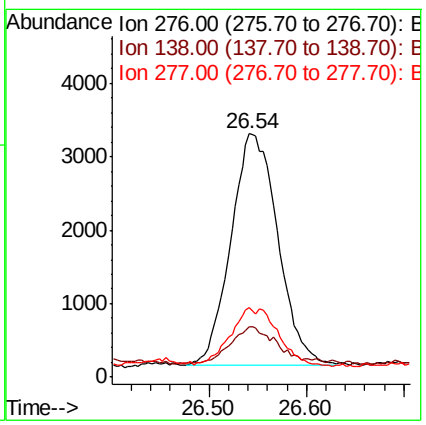


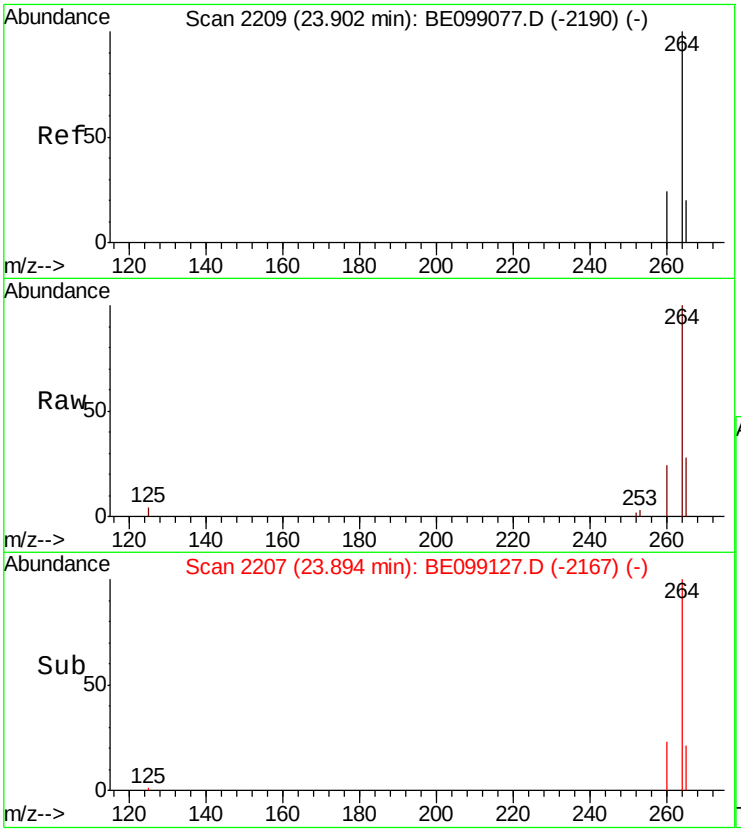


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.072 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.02 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:276 Resp: 10639

Ion	Ratio	Lower	Upper
276	100		
138	14.8	13.8	20.8
277	13.6	19.5	29.3#



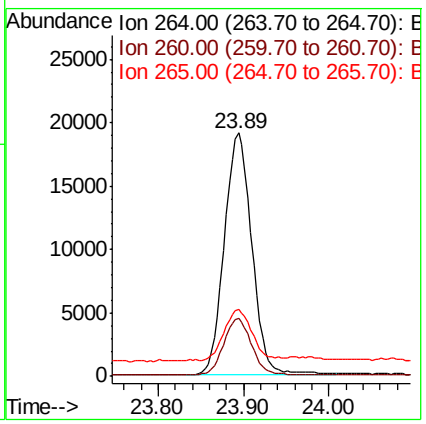


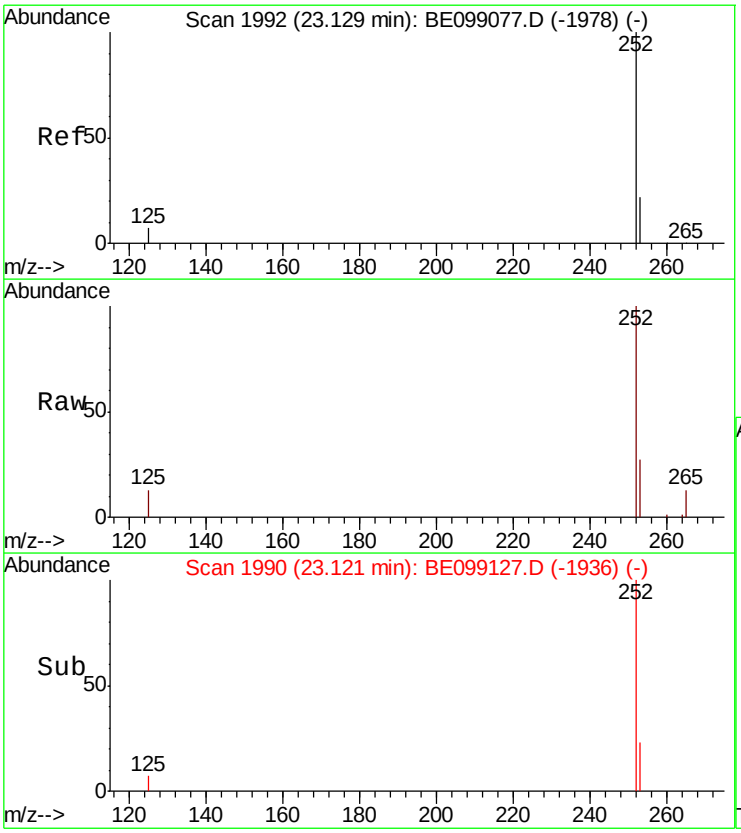
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:264 Resp: 42607

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.2	31.8
265	27.6	24.6	36.8

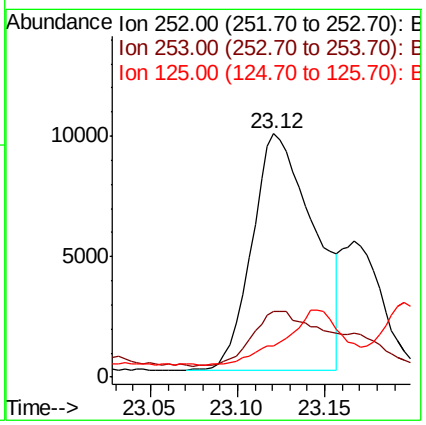


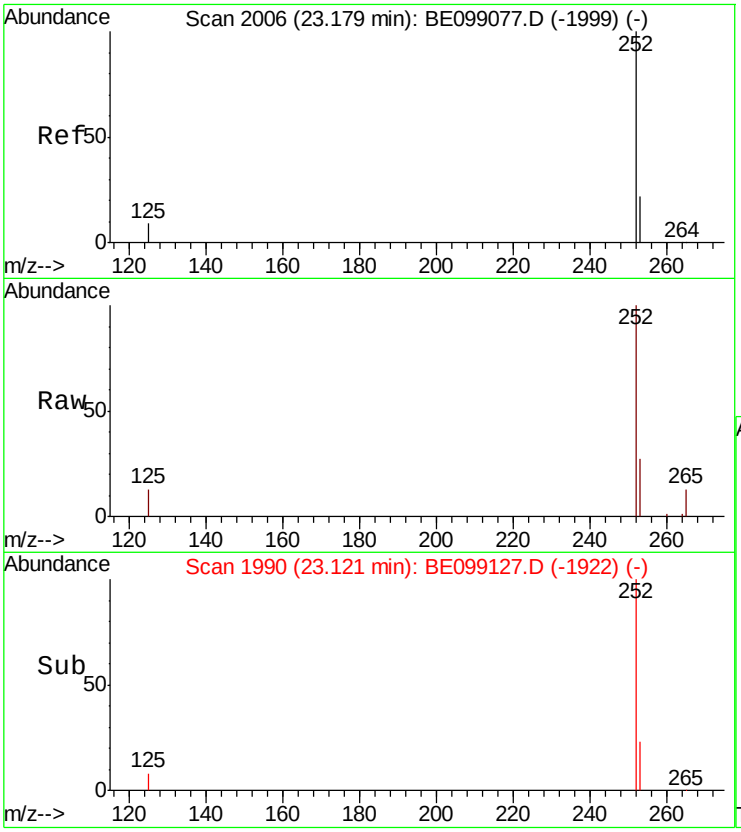


#35
Benzo(b)fluoranthene
Concen: 0.165 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:252 Resp: 24246

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.2	27.2
125	12.9	7.3	10.9#



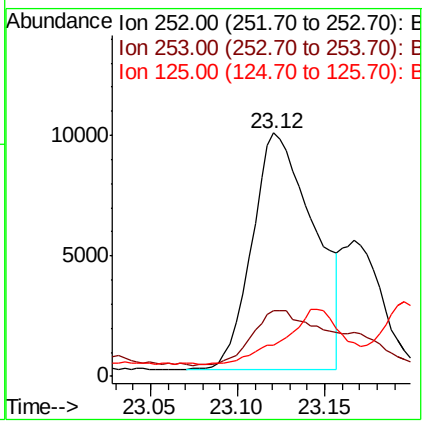


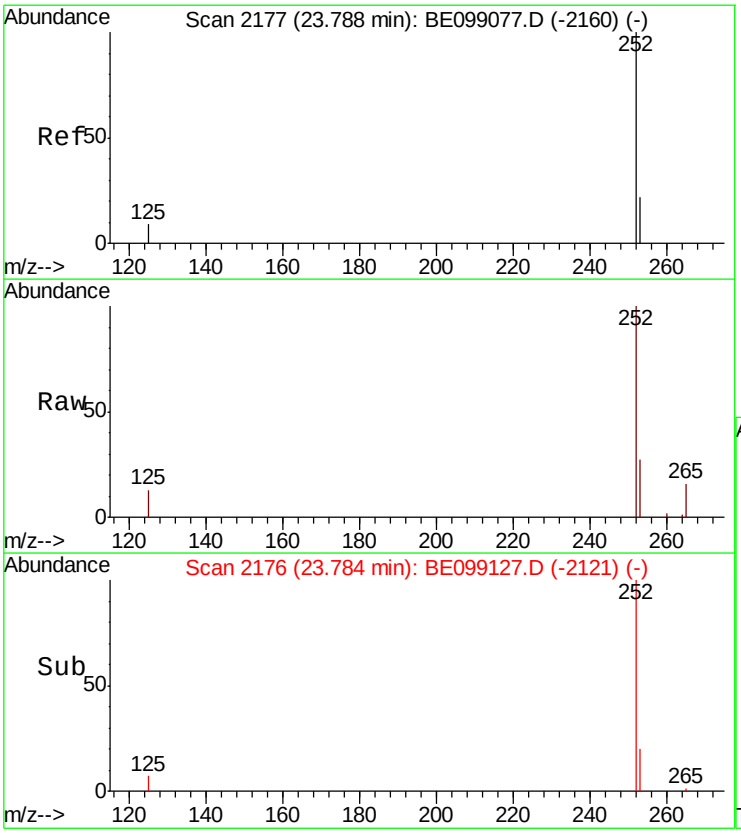
#36
Benzo(k)fluoranthene
Concen: 0.168 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.06 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:252 Resp: 24246

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.3	28.9
125	12.9	7.5	11.3#

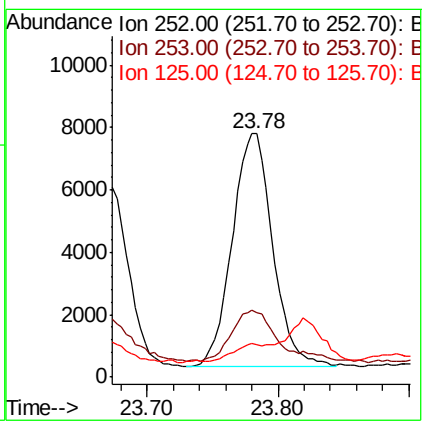


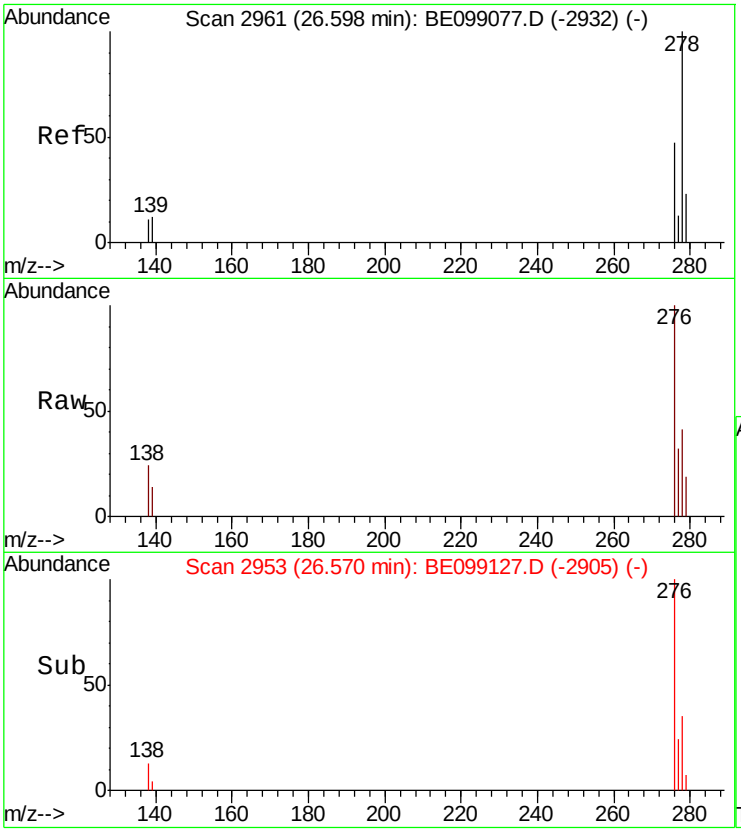


#37
Benzo(a)pyrene
Concen: 0.118 ng
RT: 23.78 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:252 Resp: 16072

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.9	29.9
125	13.4	9.0	13.4



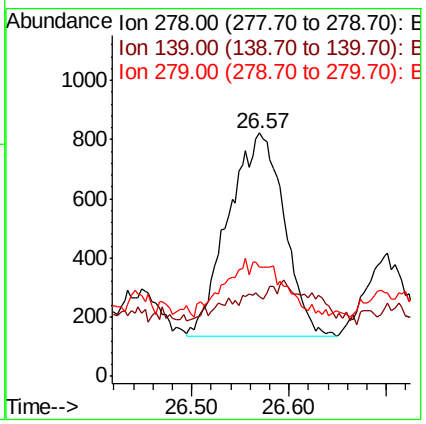


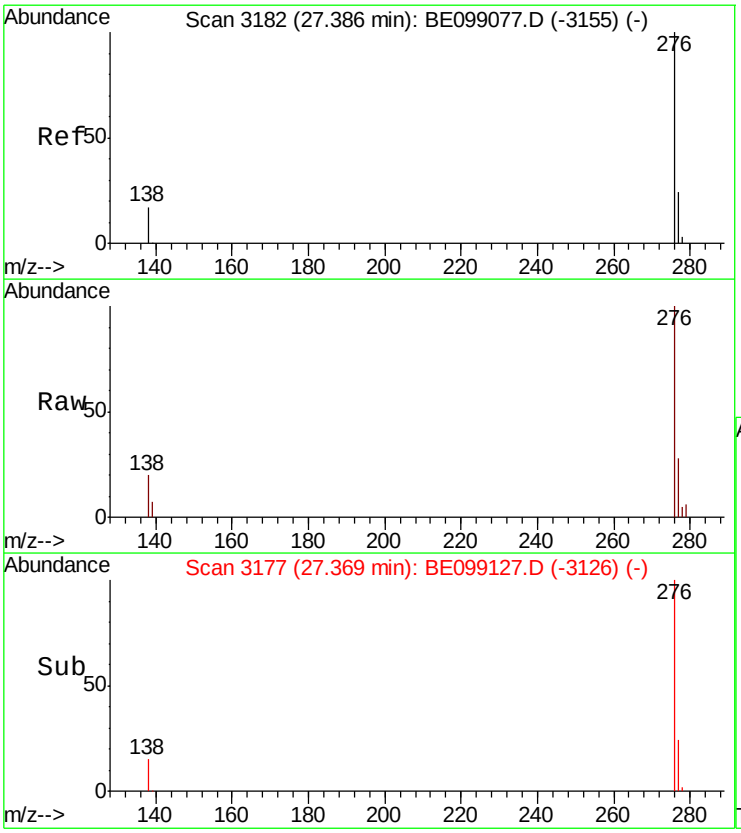
#38
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 26.57 min Scan# 2953
Delta R.T. -0.03 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Instrument :
BNA_E
ClientSampleId :
PST-026-SW078-031919

Tgt Ion:278 Resp: 2731

Ion	Ratio	Lower	Upper
278	100		
139	32.9	11.8	17.6#
279	45.1	21.1	31.7#





#39
Benzo(g,h,i)perylene
Concen: 0.081 ng
RT: 27.37 min Scan# 3177
Delta R.T. -0.02 min
Lab File: BE099127.D
Acq: 24 Mar 2019 1:15

Tgt Ion:276 Resp: 11007

Ion	Ratio	Lower	Upper
276	100		
277	27.7	20.4	30.6
138	20.1	13.6	20.4