Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032319\
Data File : BE099115.D
Acq On : 23 Mar 2019 17:03
Operator : JU/SJ
Sample : K2014-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-026-SW082-031919

Quant Time: Mar 24 03:25:00 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	3655	0.40	ng		0.00
7) Naphthalene-d8	10.63	136	13899	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	9104	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	24705	0.40	ng		0.00
27) Chrysene-d12	21.38	240	37177	0.40	ng		-0.01
34) Perylene-d12	23.90	264	40671	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	4552	0.42	ng		0.00
5) Phenol-d6	6.99	99	6307	0.40	ng		0.00
8) Nitrobenzene-d5	8.99	82	4057	0.67	ng		-0.01
11) 2-Methylnaphthalene-d10	12.22	152	9082	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.96	330	1463	0.55	ng		0.00
15) 2-Fluorobiphenyl	13.10	172	13513	0.37	ng		-0.01
25) Fluoranthene-d10	19.24	212	121017	0.37	ng		0.00
29) Terphenyl-d14	19.83	244	23363	0.30	ng		0.00
Target Compounds							Qvalue
23) Phenanthrene	17.25	178	6927	0.094	ng		97
26) Fluoranthene	19.27	202	11241	0.109	ng	#	97
28) Pyrene	19.63	202	12341	0.098	ng		97
30) Benzo(a)anthracene	21.37	228	6538	0.050	ng		98
31) Chrysene	21.42	228	7243	0.055	ng		95
32) Bis(2-ethylhexyl)phthalate	21.29	149	27878	0.164	ng		97
33) Indeno(1,2,3-cd)pyrene	26.54	276	3737	0.027	ng	#	80
35) Benzo(b)fluoranthene	23.13	252	8536	0.061	ng	#	75
37) Benzo(a)pyrene	23.78	252	5830	0.045	ng	#	89
39) Benzo(g,h,i)perylene	27.36	276	4062	0.031	ng	#	86

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

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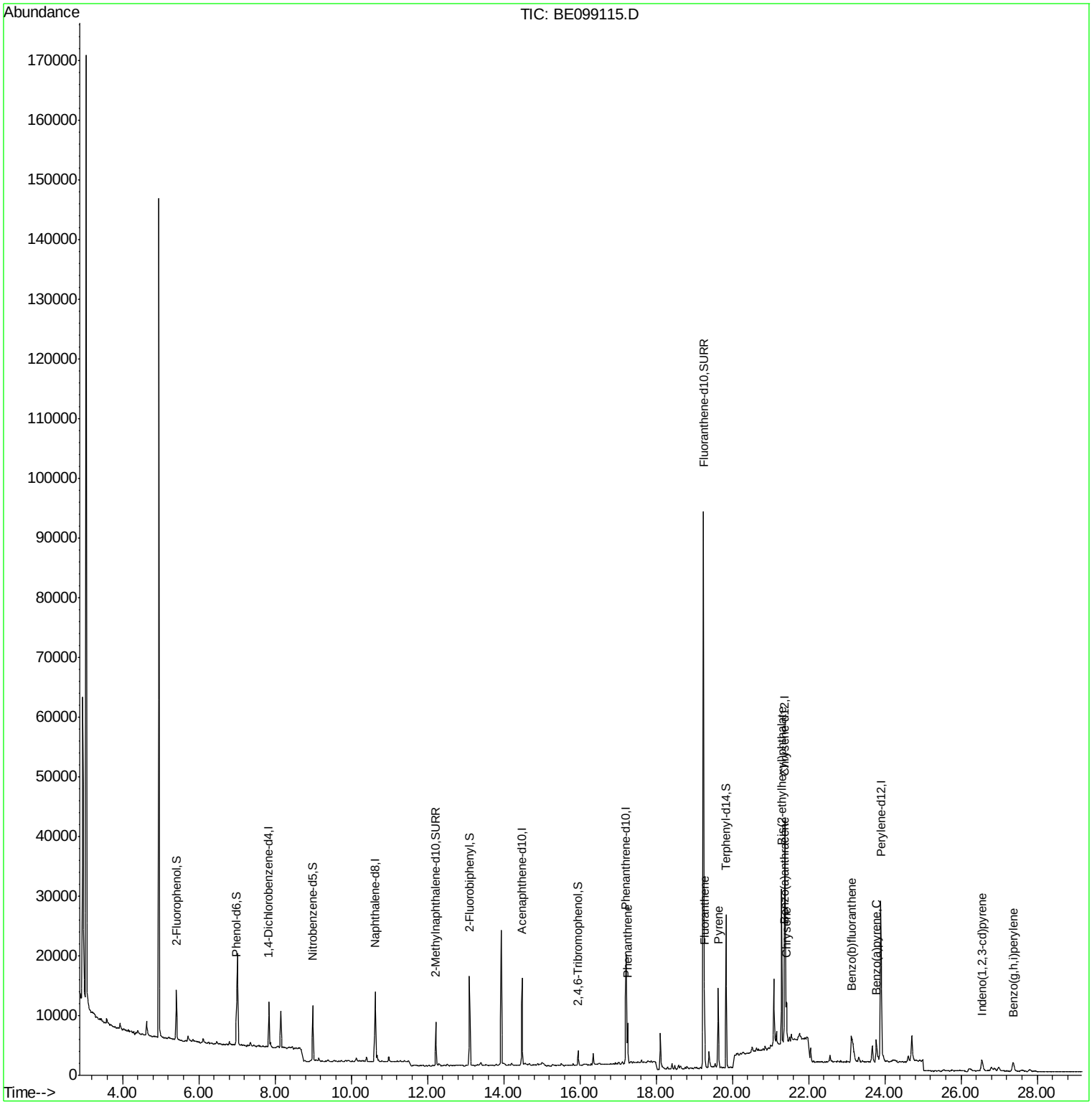
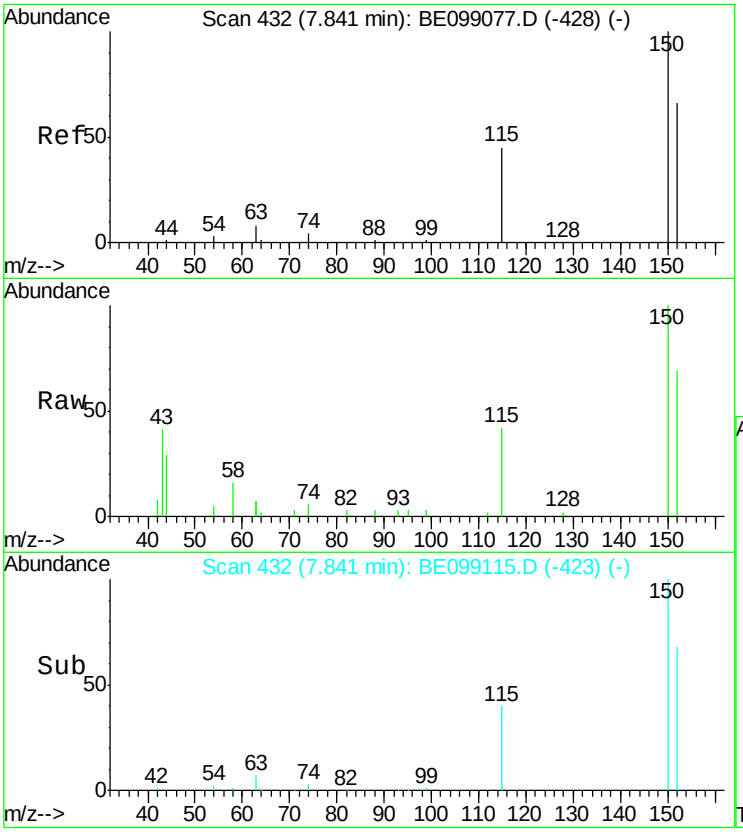
Data File : BE099115.D
Acq On : 23 Mar 2019 17:03
Operator : JU/SJ
Sample : K2014-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Quant Time: Mar 24 03:25:00 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



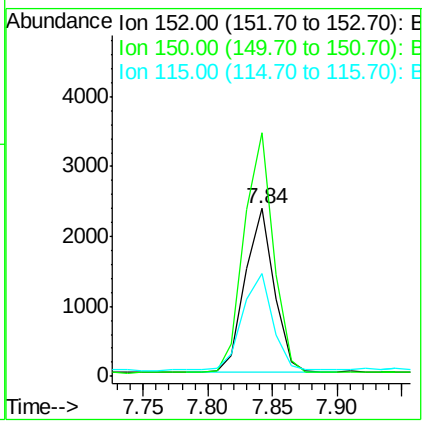


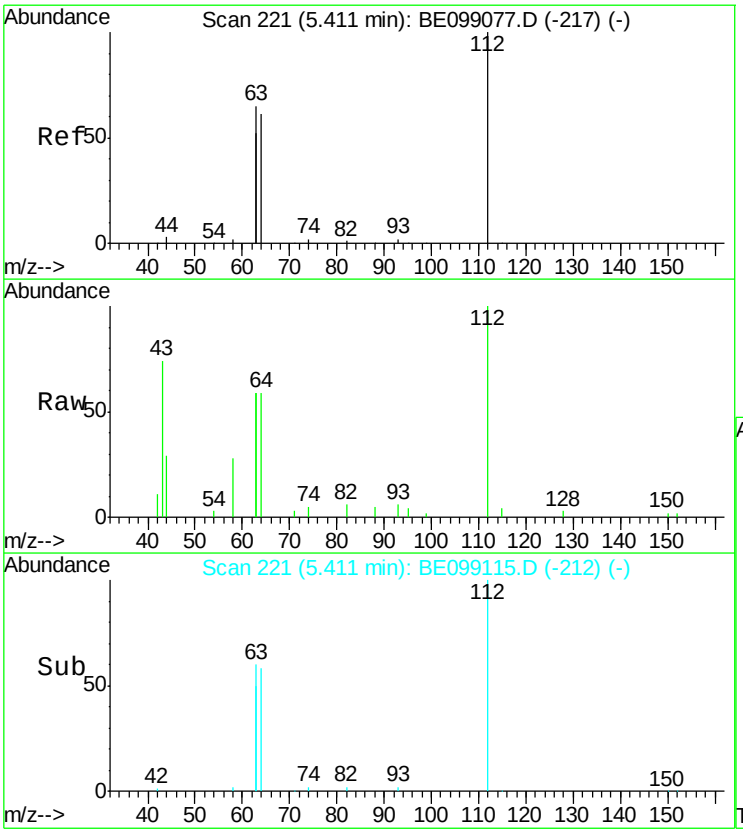
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:152 Resp: 3655

Ion	Ratio	Lower	Upper
152	100		
150	145.2	122.5	183.7
115	61.1	57.4	86.2

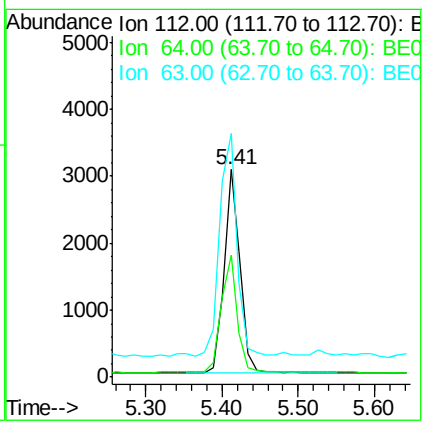


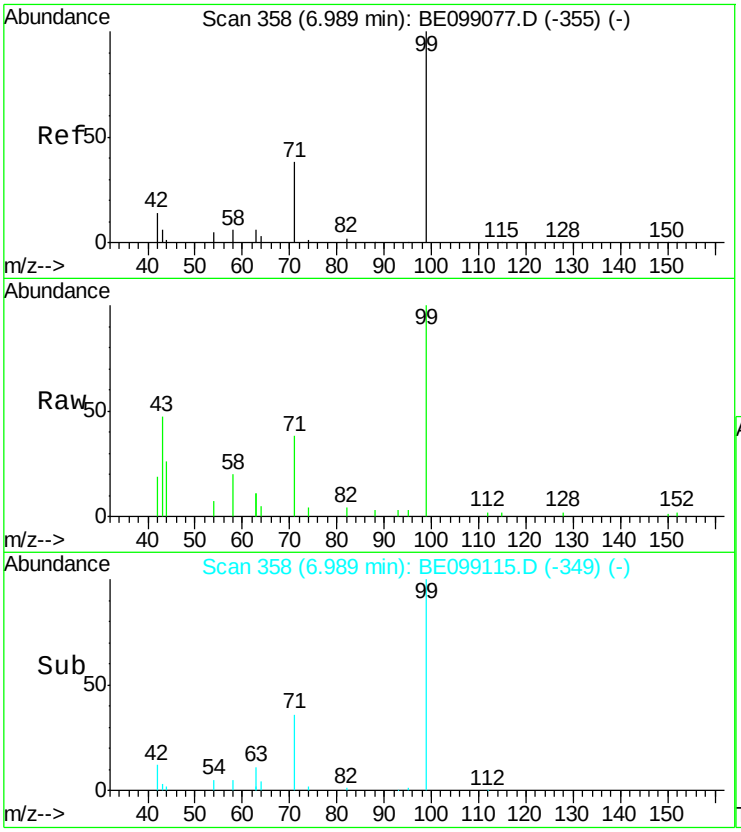


#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:112 Resp: 4552

Ion	Ratio	Lower	Upper
112	100		
64	56.4	57.9	86.9#
63	117.5	158.3	237.5#



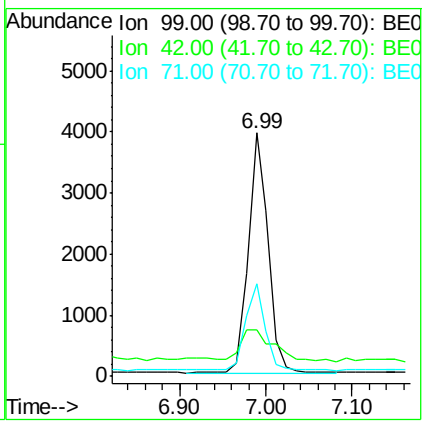


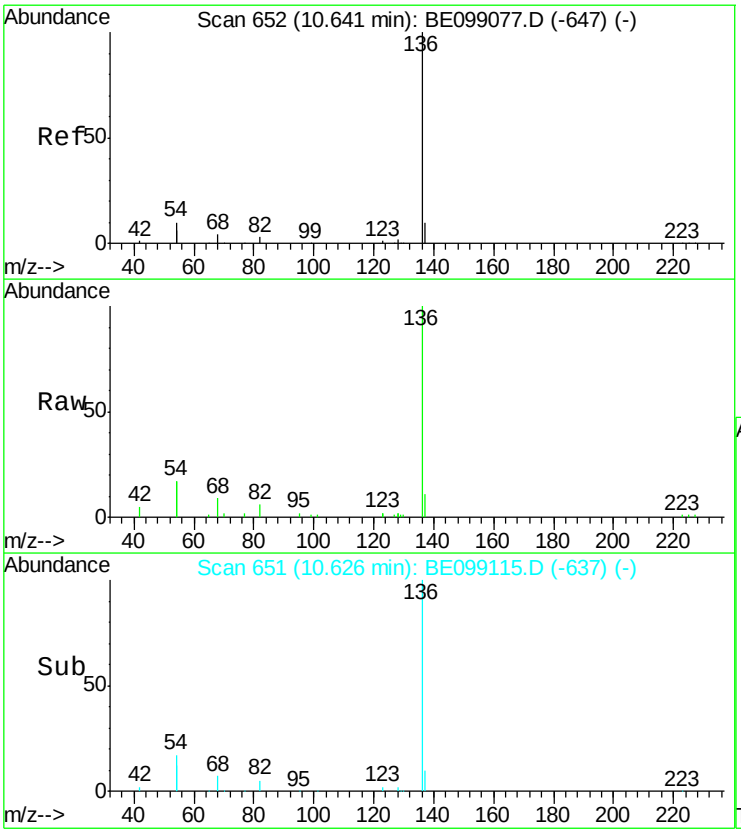
#5
Phenol-d6
Concen: 0.403 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion: 99 Resp: 6307

Ion	Ratio	Lower	Upper
99	100		
42	20.0	24.2	36.2#
71	36.0	35.7	53.5

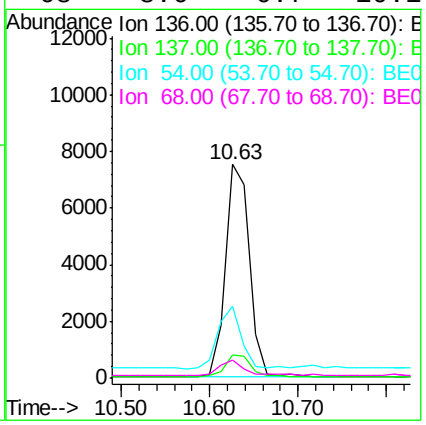


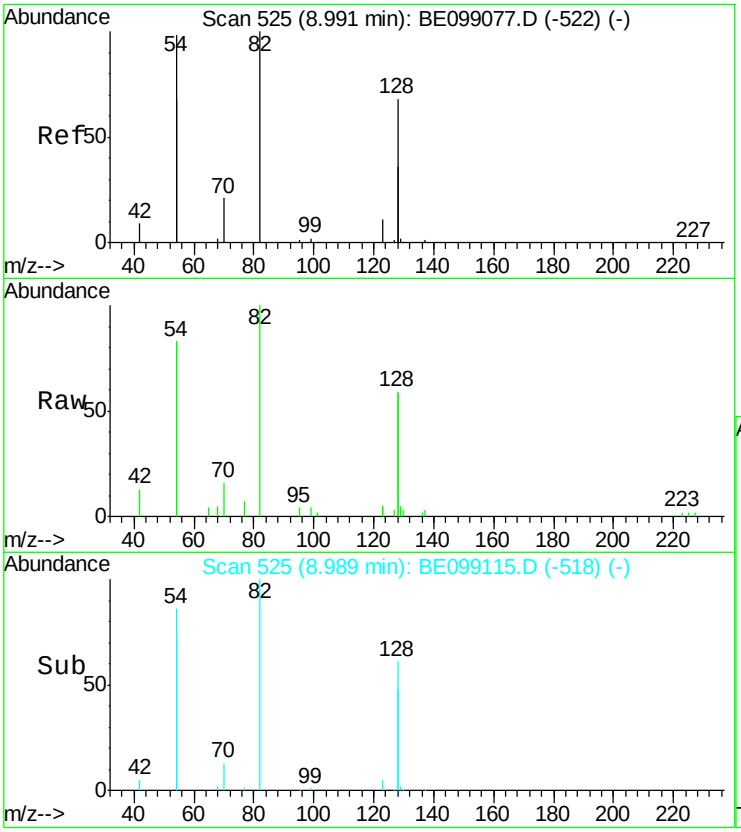


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:136 Resp: 13899

Ion	Ratio	Lower	Upper
136	100		
137	10.6	11.4	17.0#
54	33.6	39.3	58.9#
68	8.6	6.7	10.1



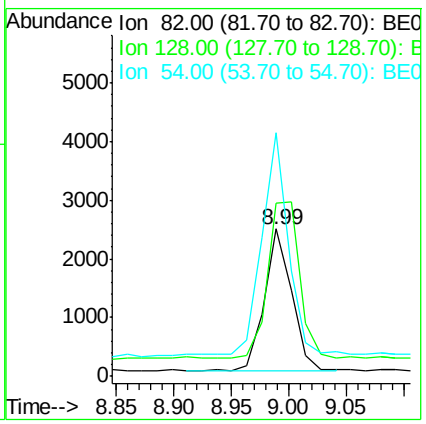


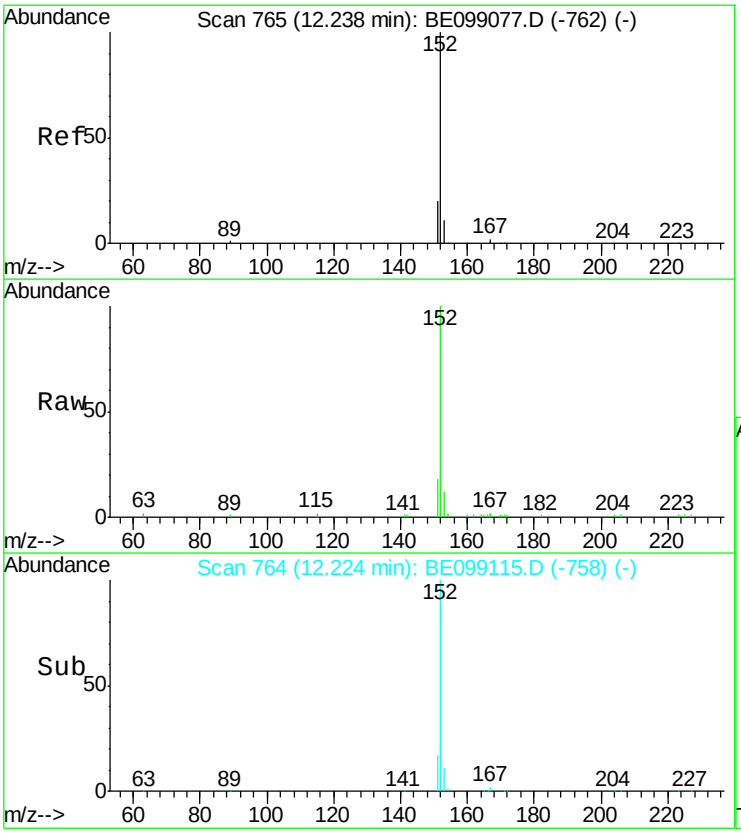
#8
Nitrobenzene-d5
Concen: 0.668 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion: 82 Resp: 4057

Ion	Ratio	Lower	Upper
82	100		
128	117.2	123.8	185.8#
54	165.2	203.4	305.2#

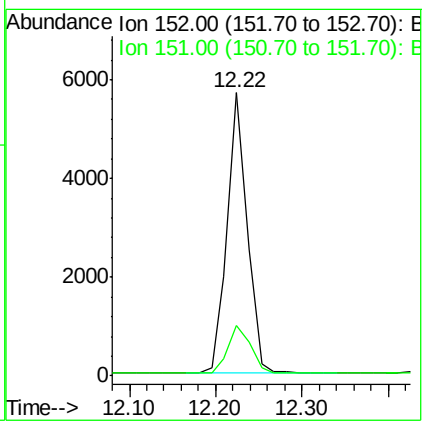


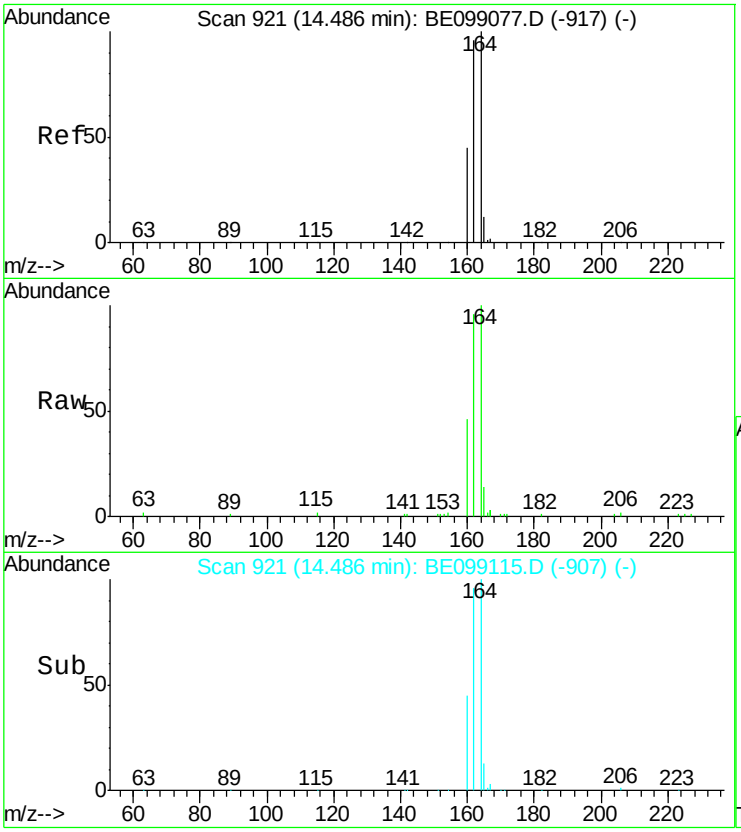


#11
2-Methylnaphthalene-d10
Concen: 0.363 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:152 Resp: 9082

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.5	24.7



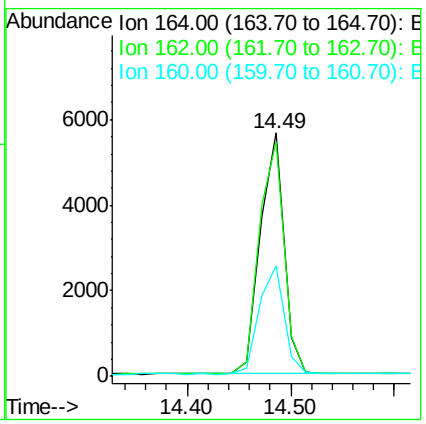


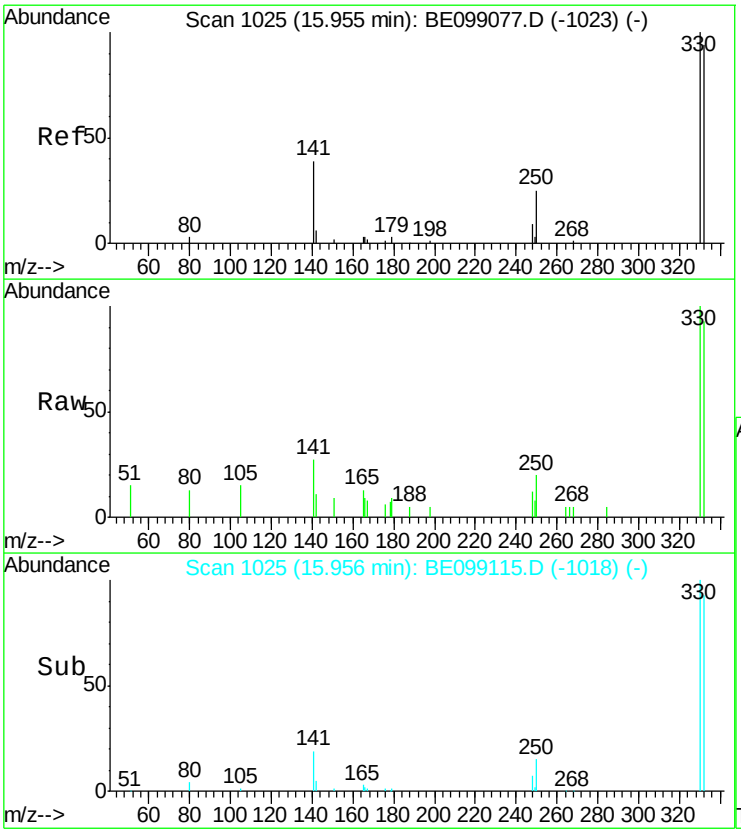
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:164 Resp: 9104

Ion	Ratio	Lower	Upper
164	100		
162	96.3	80.2	120.2
160	45.6	37.8	56.8

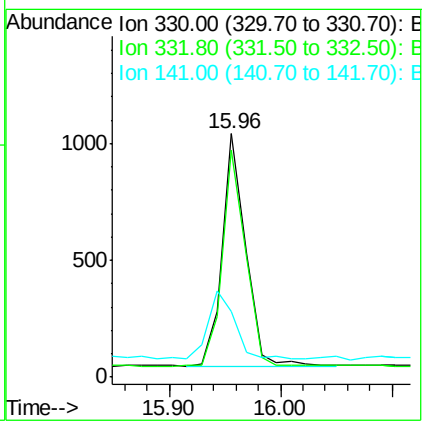


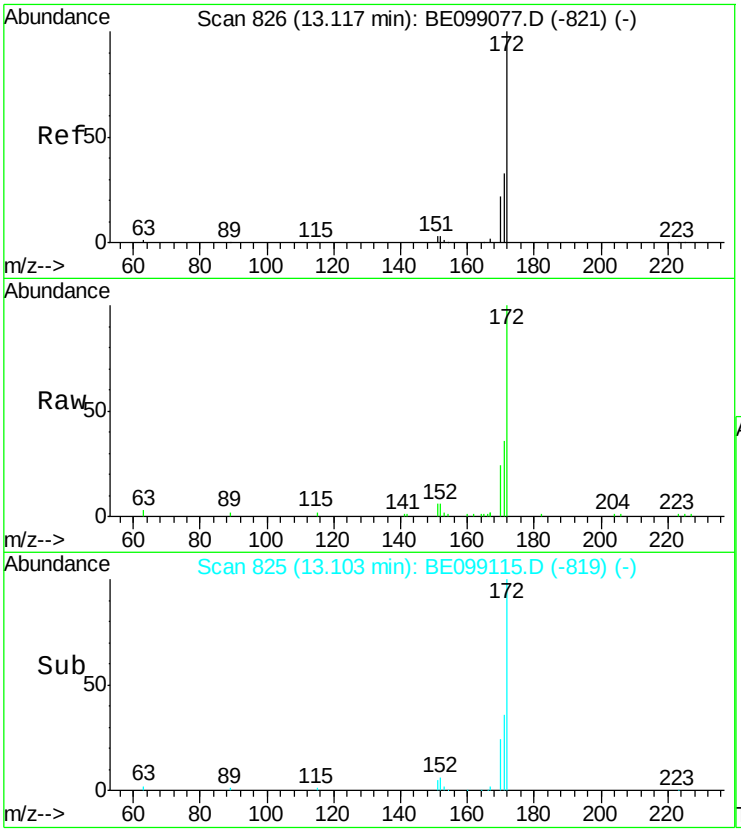


#14
2,4,6-Tribromophenol
Concen: 0.547 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:330 Resp: 1463

Ion	Ratio	Lower	Upper
330	100		
332	91.3	77.6	116.4
141	33.6	31.0	46.4



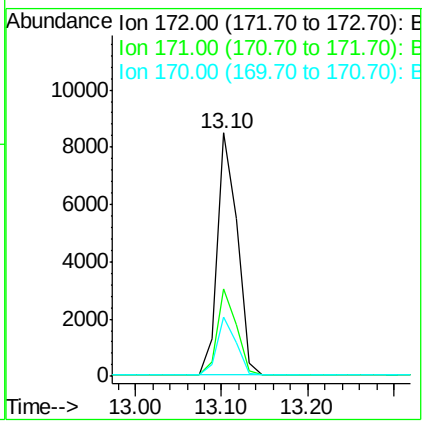


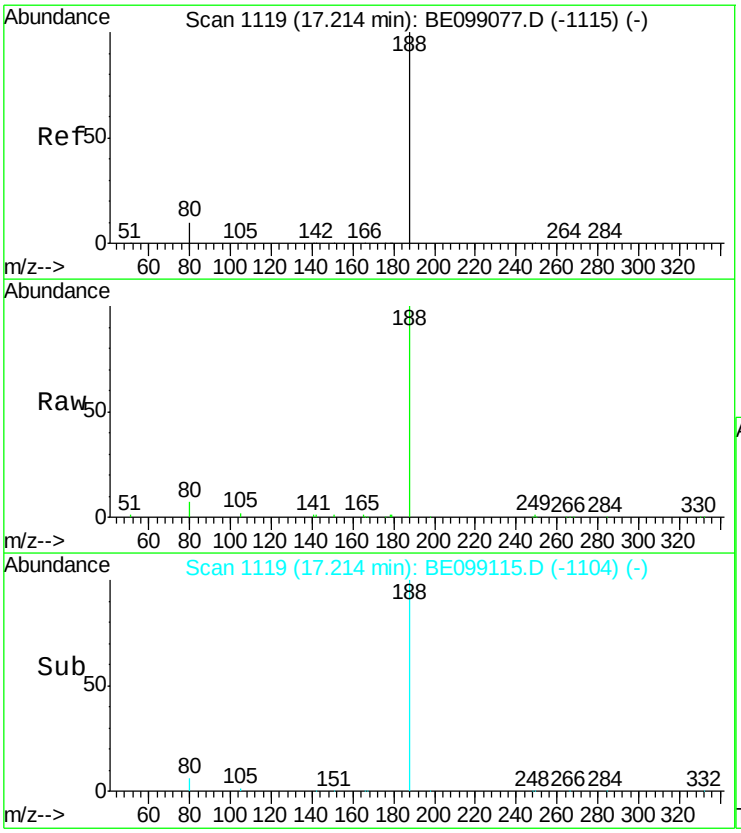
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:172 Resp: 13513

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.0	42.0
170	24.1	17.7	26.5

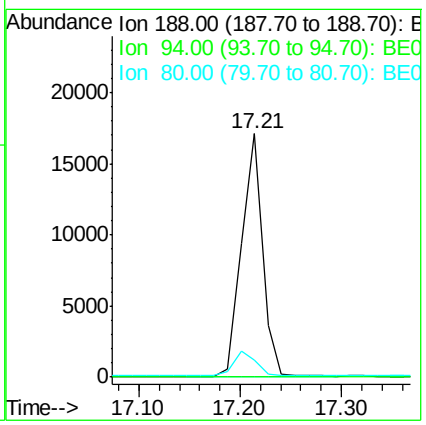


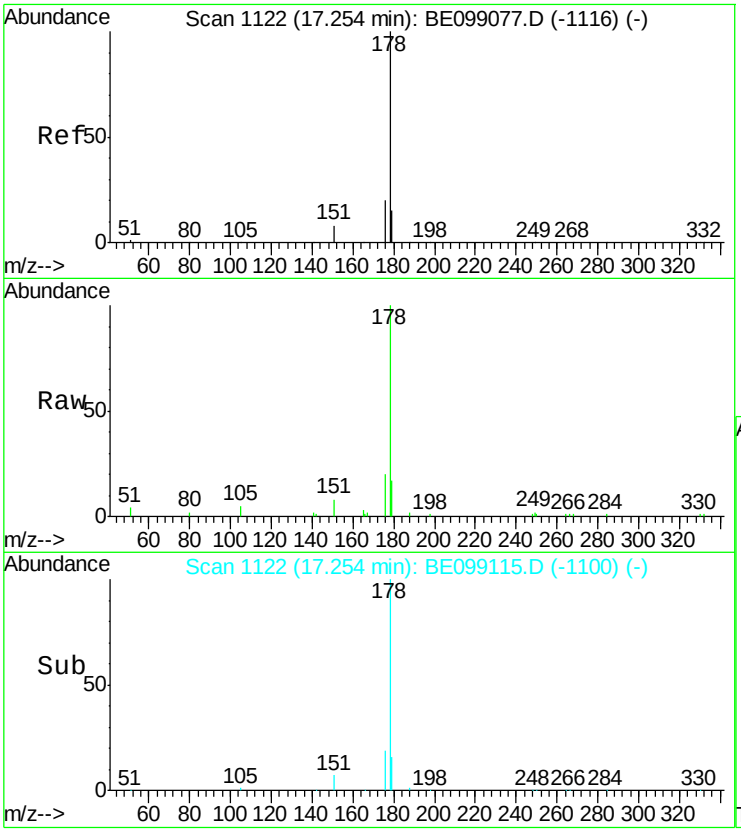


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:188 Resp: 24705

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.3	9.5



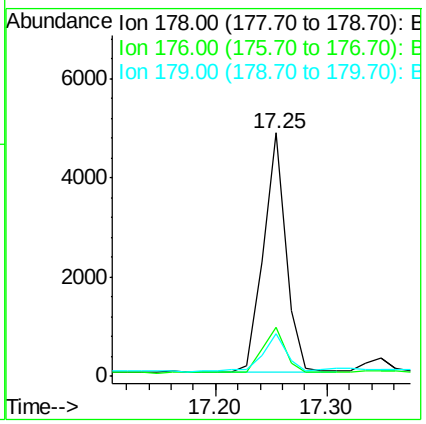


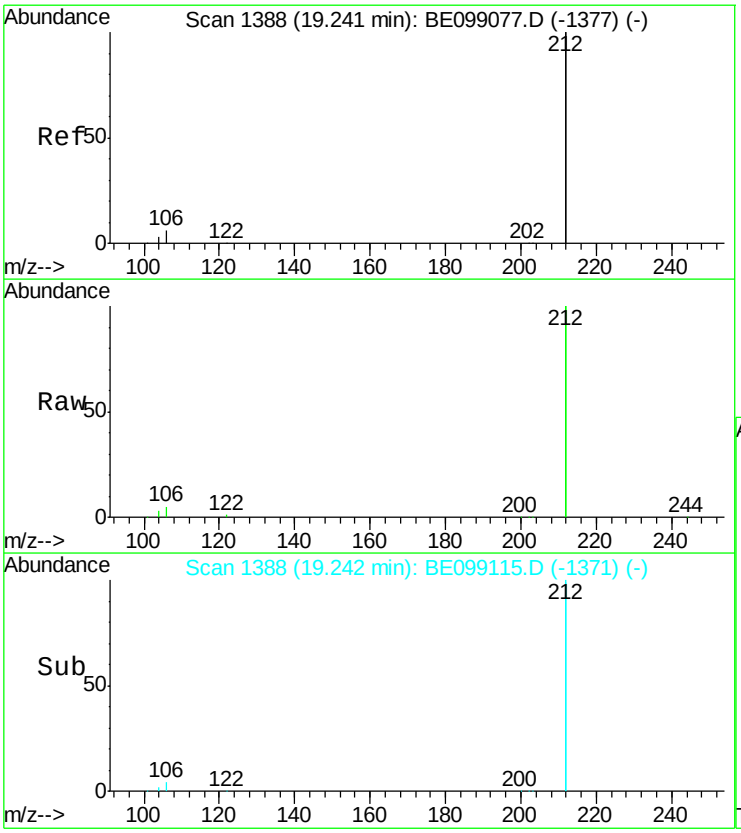
#23
Phenanthrene
Concen: 0.094 ng
RT: 17.25 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:178 Resp: 6927

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	16.8	12.1	18.1

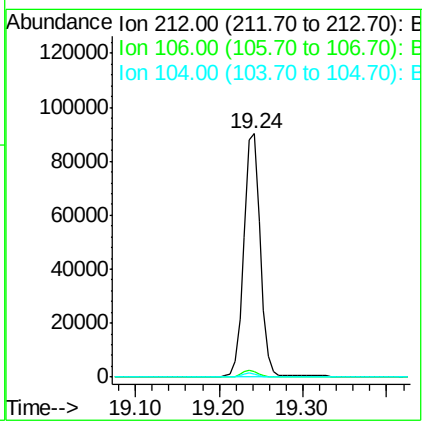


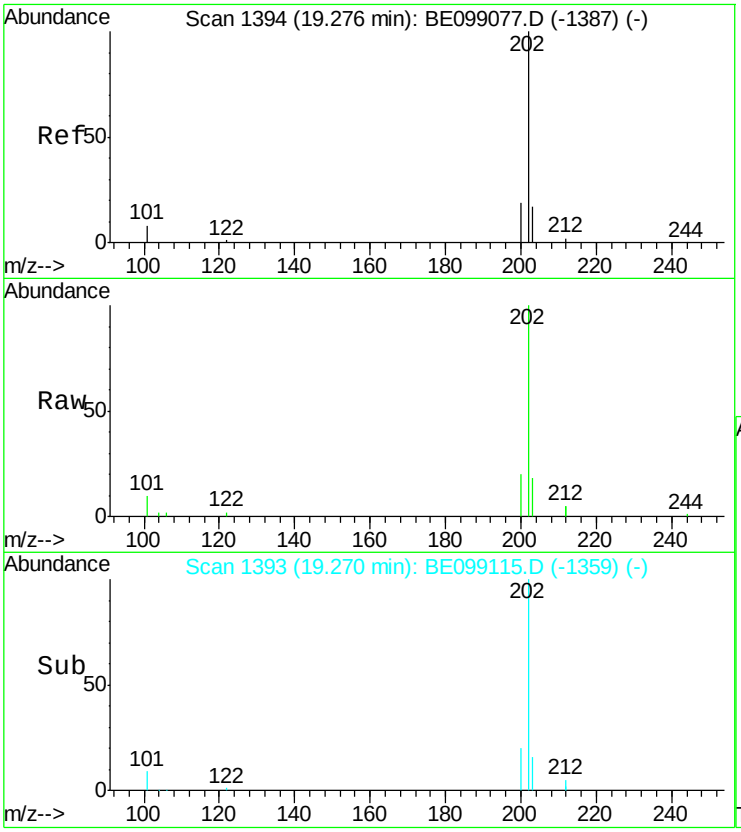


#25
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.24 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:212 Resp: 121017

Ion	Ratio	Lower	Upper
212	100		
106	2.6	1.8	2.8
104	1.5	1.0	1.6



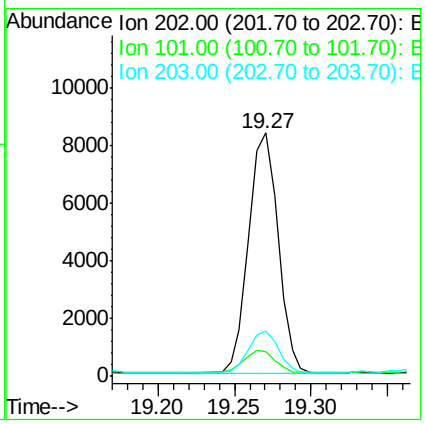


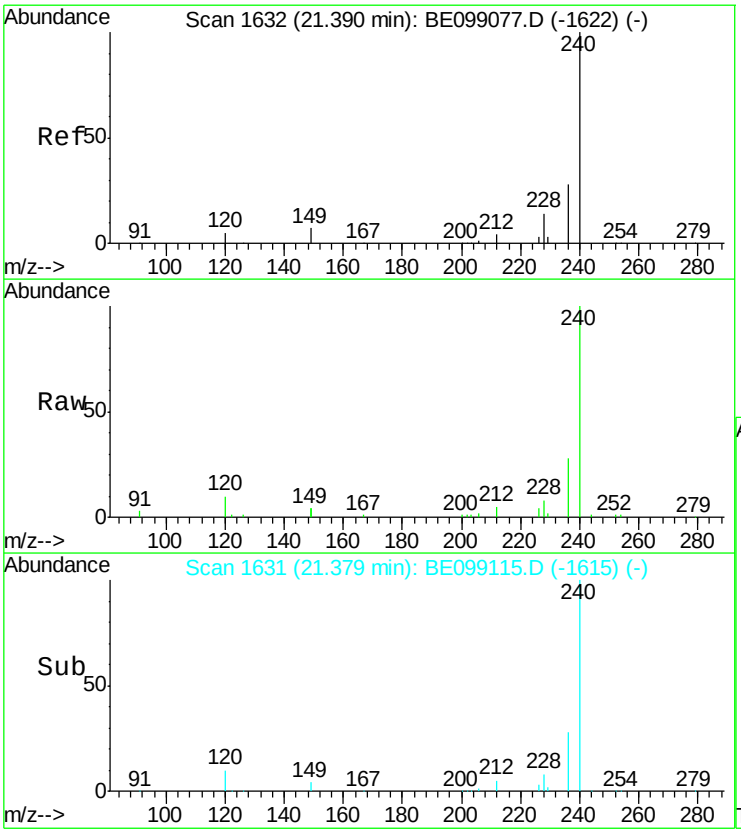
#26
Fluoranthene
Concen: 0.109 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:202 Resp: 11241

Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.3	10.9#
203	17.3	13.4	20.2

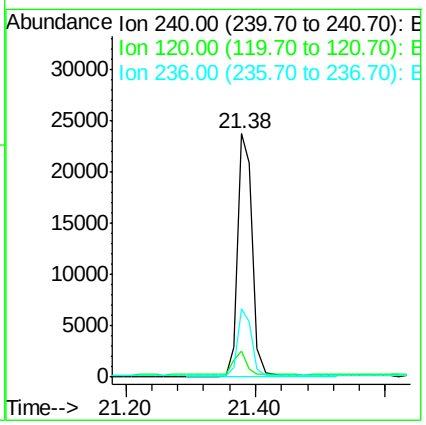


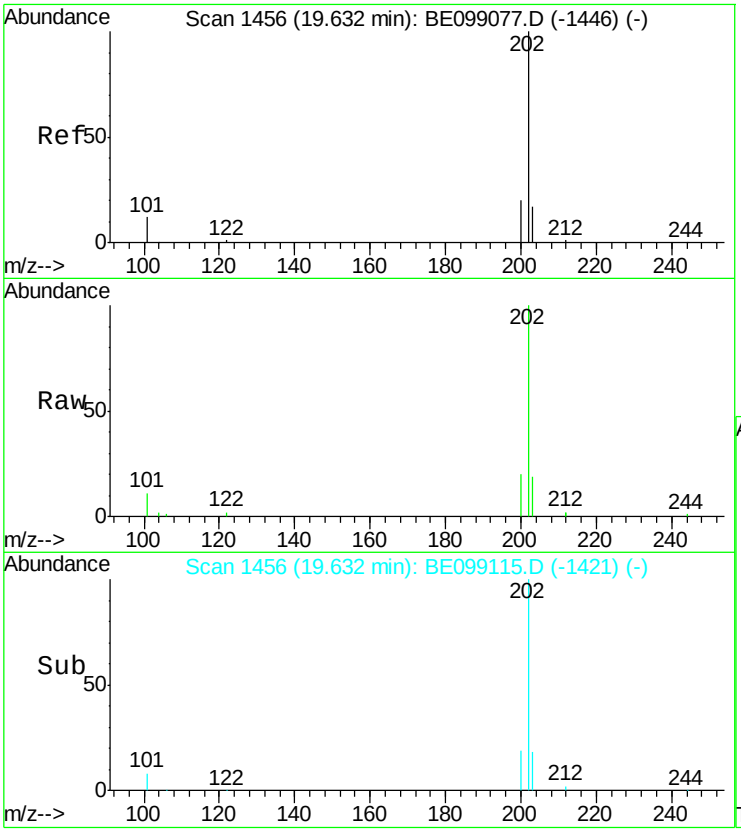


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:240 Resp: 37177

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.0	7.4#
236	28.3	22.7	34.1



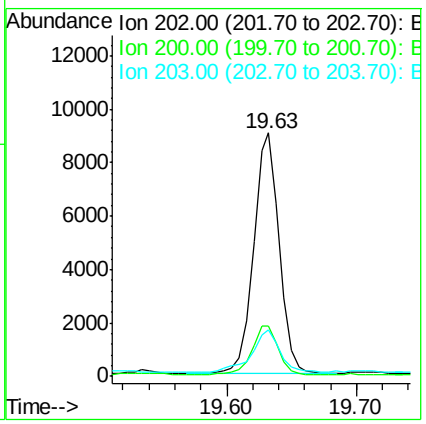


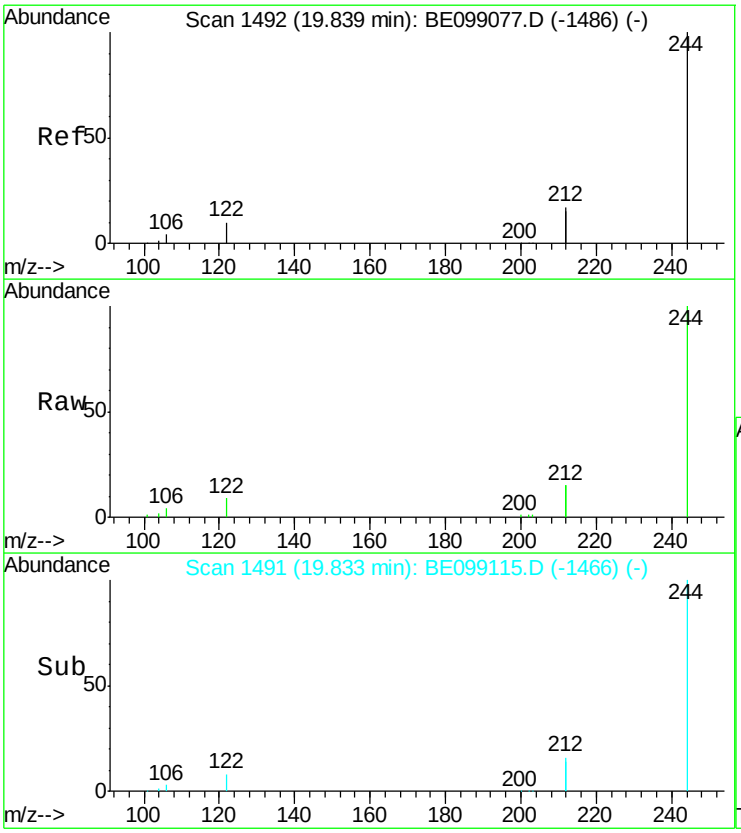
#28
Pyrene
Concen: 0.098 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:202 Resp: 12341

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	19.9	14.2	21.2

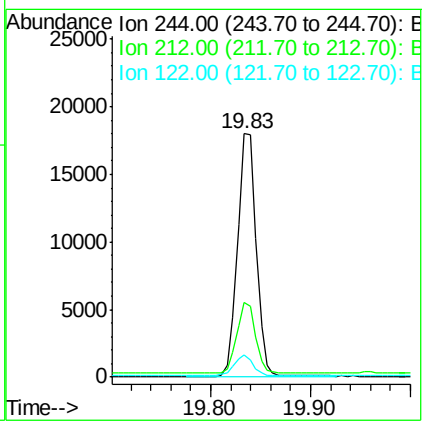


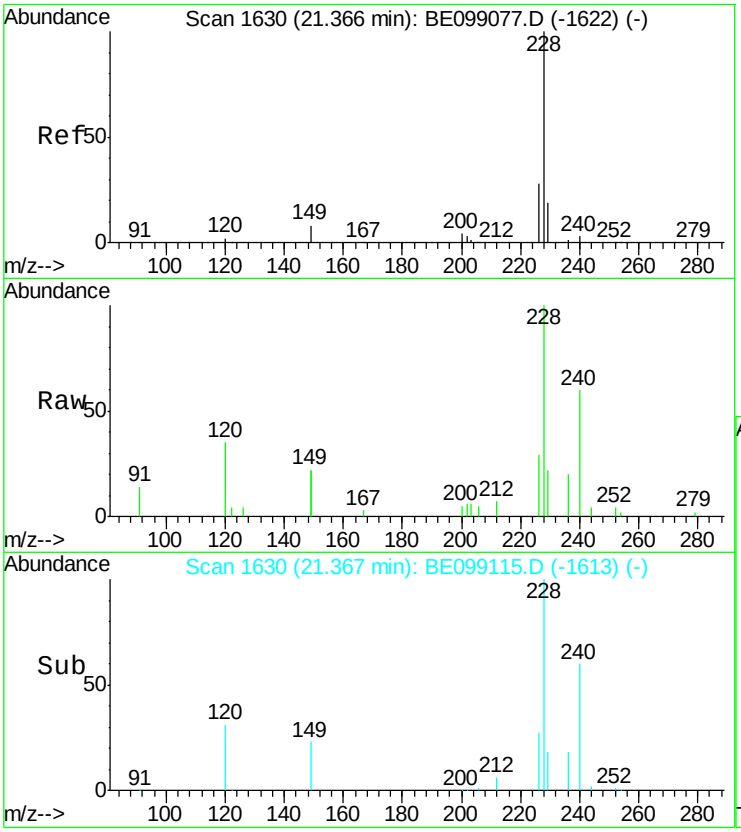


#29
Terphenyl-d14
Concen: 0.297 ng
RT: 19.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:244 Resp: 23363

Ion	Ratio	Lower	Upper
244	100		
212	30.9	29.4	44.2
122	9.2	7.1	10.7



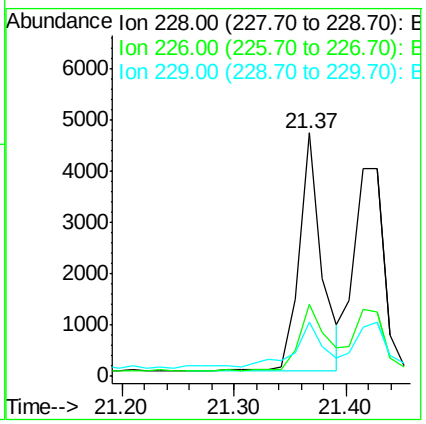


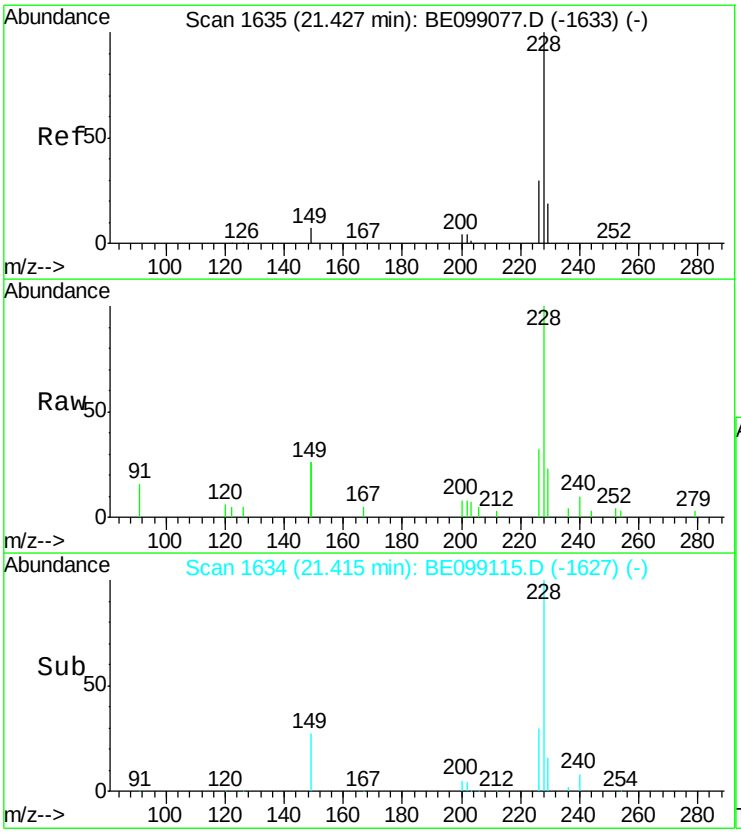
#30
Benzo(a)anthracene
Concen: 0.050 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:228 Resp: 6538

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.4
229	22.3	16.5	24.7

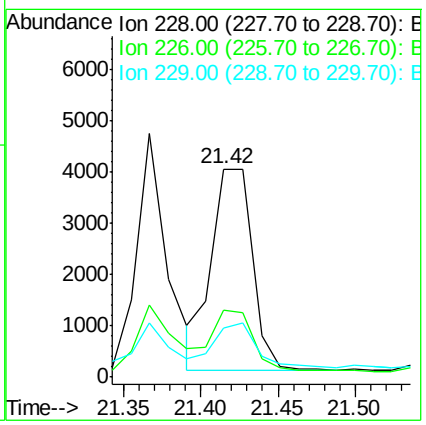


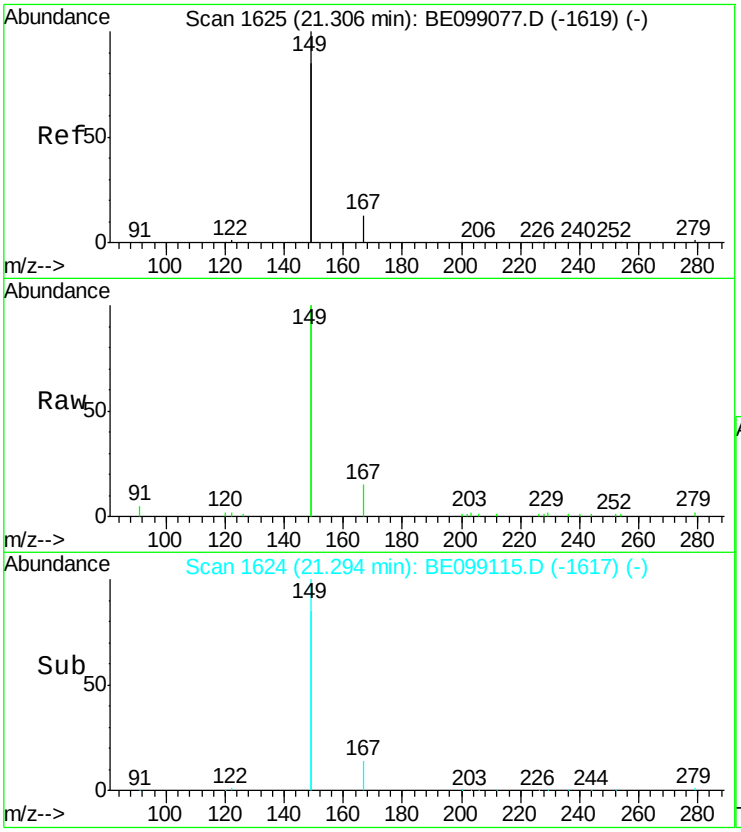


#31
Chrysene
Concen: 0.055 ng
RT: 21.42 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:228 Resp: 7243

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.7	35.5
229	23.3	16.1	24.1



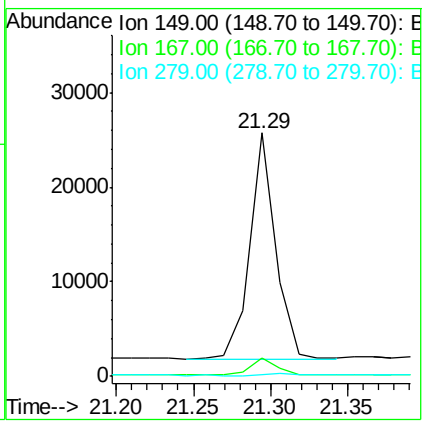


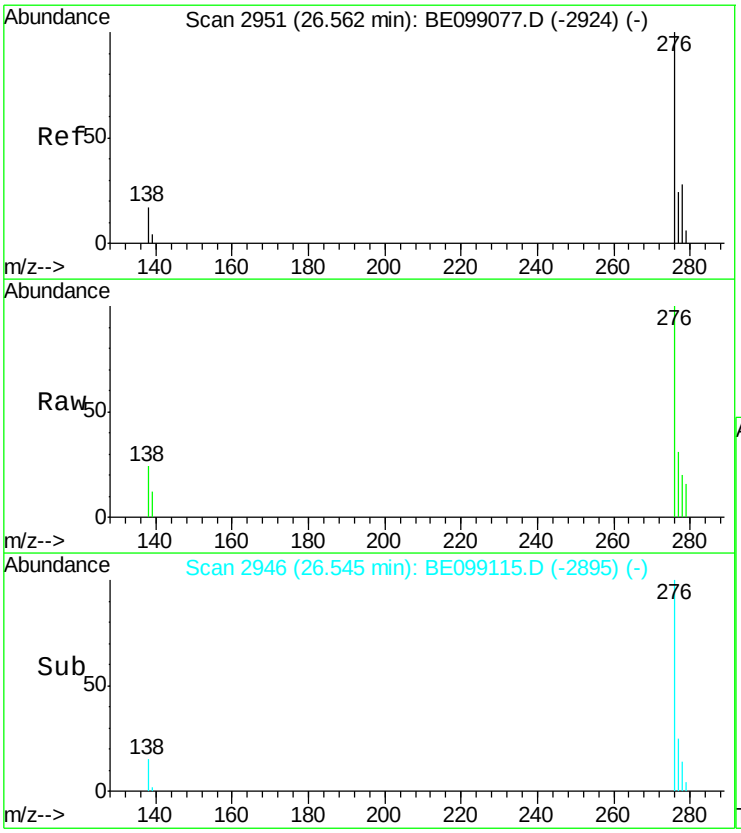
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.164 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:149 Resp: 27878

Ion	Ratio	Lower	Upper
149	100		
167	7.8	5.4	8.0
279	1.2	1.0	1.4

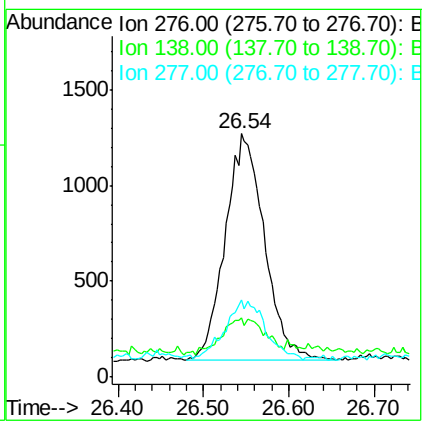


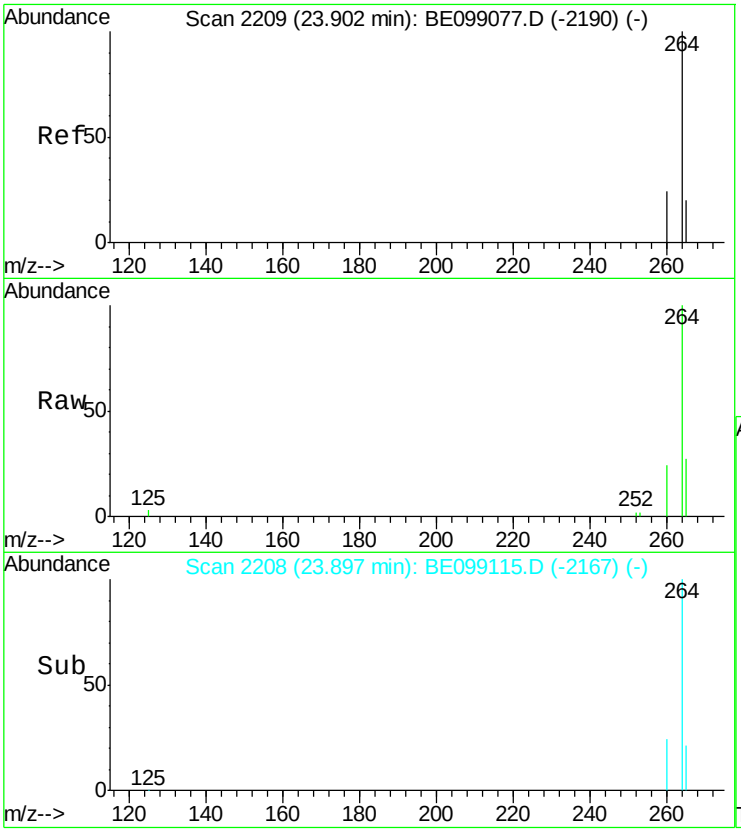


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng
RT: 26.54 min Scan# 2946
Delta R.T. -0.02 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:276 Resp: 3737

Ion	Ratio	Lower	Upper
276	100		
138	10.2	13.8	20.8#
277	13.0	19.5	29.3#



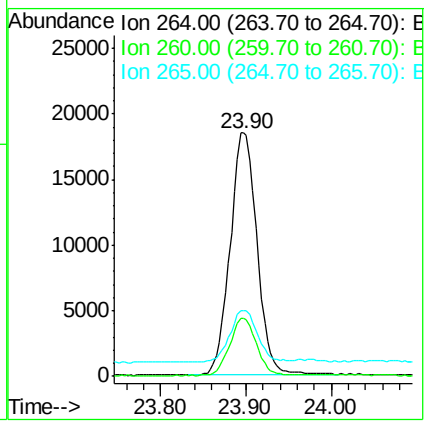


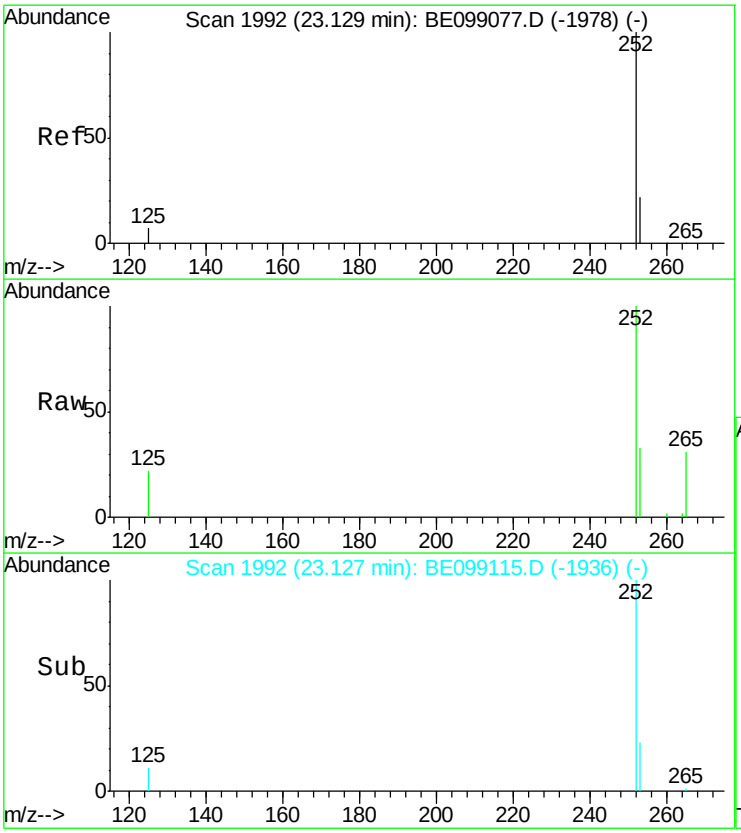
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:264 Resp: 40671

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.2	31.8
265	26.7	24.6	36.8

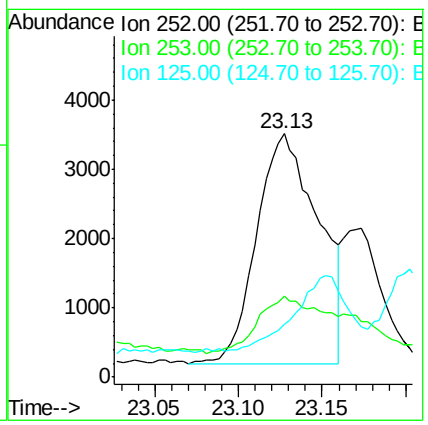


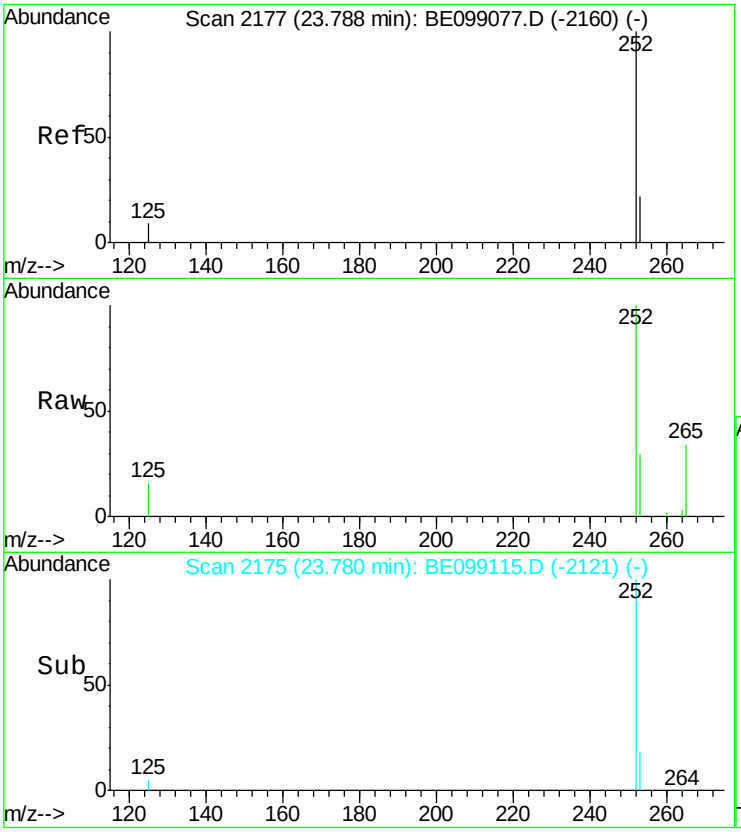


#35
Benzo(b)fluoranthene
Concen: 0.061 ng
RT: 23.13 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:252 Resp: 8536

Ion	Ratio	Lower	Upper
252	100		
253	33.1	18.2	27.2#
125	21.5	7.3	10.9#



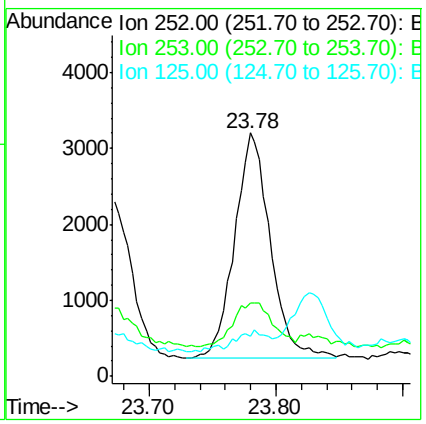


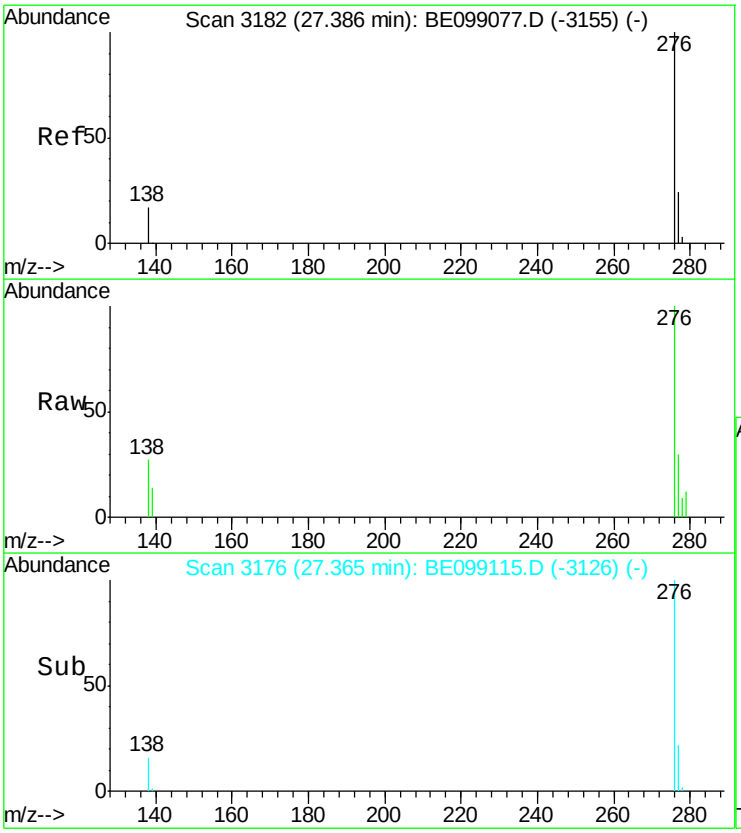
#37
Benzo(a)pyrene
Concen: 0.045 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Instrument :
BNA_E
ClientSampleId :
PST-026-SW082-031919

Tgt Ion:252 Resp: 5830

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.9	29.9#
125	16.5	9.0	13.4#





#39
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 27.36 min Scan# 3176
Delta R.T. -0.02 min
Lab File: BE099115.D
Acq: 23 Mar 2019 17:03

Tgt Ion:276 Resp: 4062

Ion	Ratio	Lower	Upper
276	100		
277	29.7	20.4	30.6
138	26.8	13.6	20.4#