Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099389.D
Acq On : 26 Apr 2019 22:19
Operator : JU/SJ
Sample : K2533-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-023-B184-042219

Quant Time: Apr 27 05:08:34 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	4057	0.40	ng		0.00
7) Naphthalene-d8	10.61	136	15930	0.40	ng		0.01
13) Acenaphthene-d10	14.46	164	11832	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	31509	0.40	ng		0.00
27) Chrysene-d12	21.37	240	34658	0.40	ng		0.00
34) Perylene-d12	23.87	264	40635	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.40	112	4308	0.43	ng		0.01
5) Phenol-d6	6.98	99	6366	0.45	ng		0.00
8) Nitrobenzene-d5	8.96	82	5578	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.21	152	10368	0.37	ng		0.01
14) 2,4,6-Tribromophenol	15.94	330	2374	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.09	172	15201	0.33	ng		0.00
25) Fluoranthene-d10	19.22	212	123404	0.33	ng		0.00
29) Terphenyl-d14	19.82	244	20853	0.31	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.65	128	3626	0.021	ng	#	93
16) Acenaphthylene	14.18	152	2644	0.049	ng		100
22) Pentachlorophenol	16.85	266	108	0.236	ng		92
23) Phenanthrene	17.23	178	19573	0.235	ng		99
24) Anthracene	17.32	178	3137	0.042	ng	#	94
26) Fluoranthene	19.25	202	55320	0.495	ng	#	96
28) Pyrene	19.62	202	55370	0.542	ng	#	95
30) Benzo(a)anthracene	21.35	228	41452	0.407	ng		95
31) Chrysene	21.40	228	36634	0.338	ng		95
32) Bis(2-ethylhexyl)phthalate	21.27	149	73401	0.792	ng		100
33) Indeno(1,2,3-cd)pyrene	26.51	276	23250	0.217	ng	#	93
35) Benzo(b)fluoranthene	23.10	252	52221	0.420	ng	#	90
36) Benzo(k)fluoranthene	23.10	252	52221	0.421	ng	#	92
37) Benzo(a)pyrene	23.76	252	36304	0.326	ng	#	92
38) Dibenzo(a,h)anthracene	26.53	278	5629	0.049	ng	#	59
39) Benzo(g,h,i)perylene	27.33	276	21624	0.187	ng		96

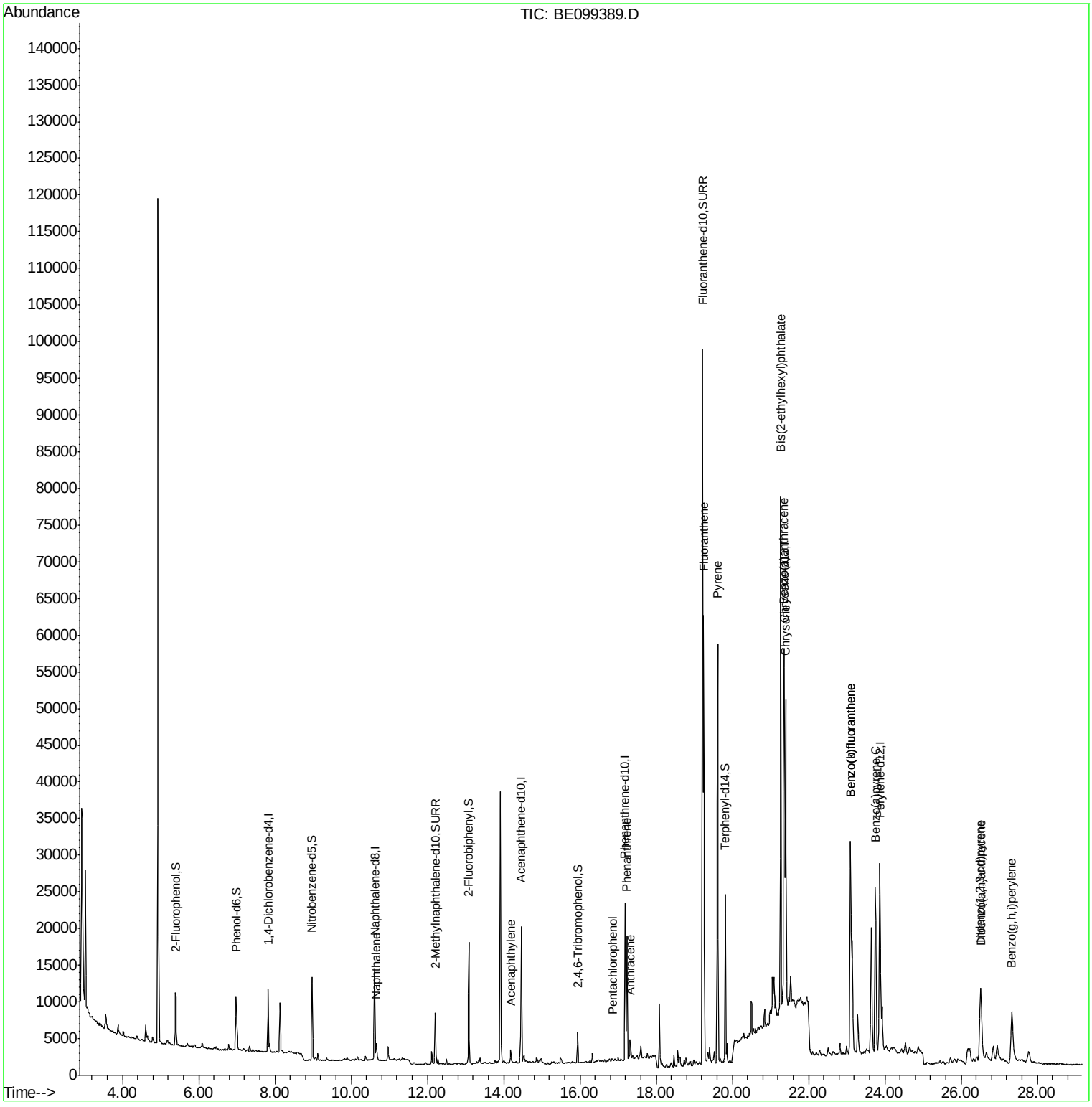
(#) = qualifier out of range (m) = manual integration (+) = signals summed

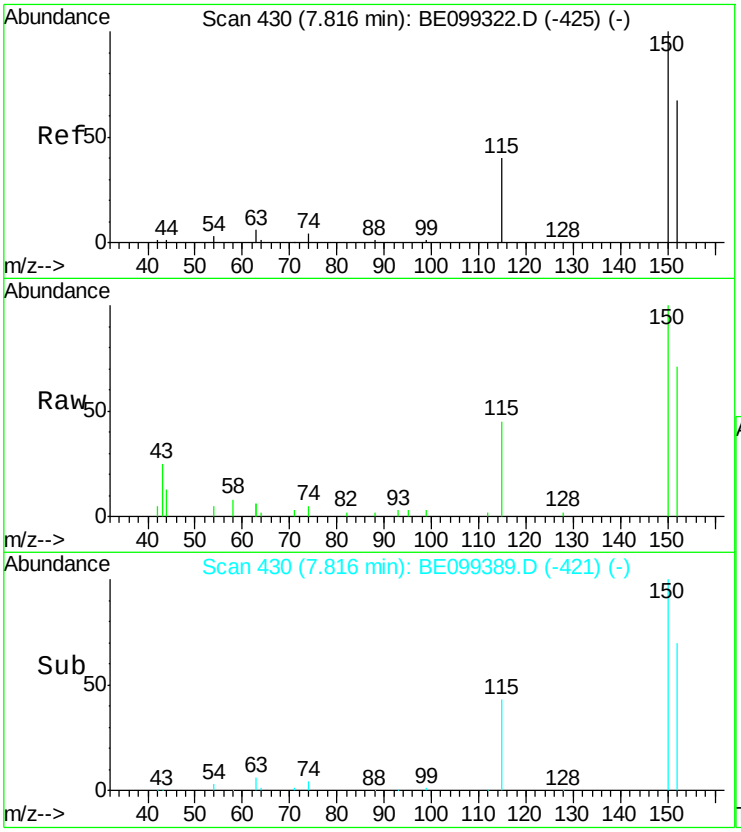
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
Data File : BE099389.D
Acq On : 26 Apr 2019 22:19
Operator : JU/SJ
Sample : K2533-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Quant Time: Apr 27 05:08:34 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



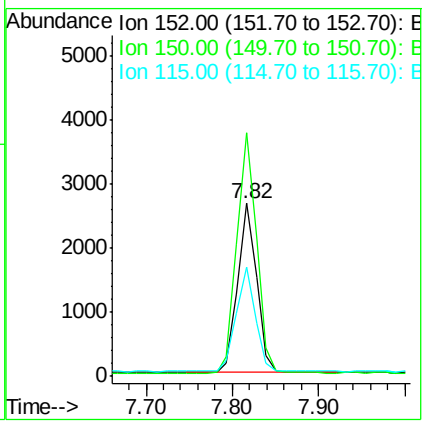


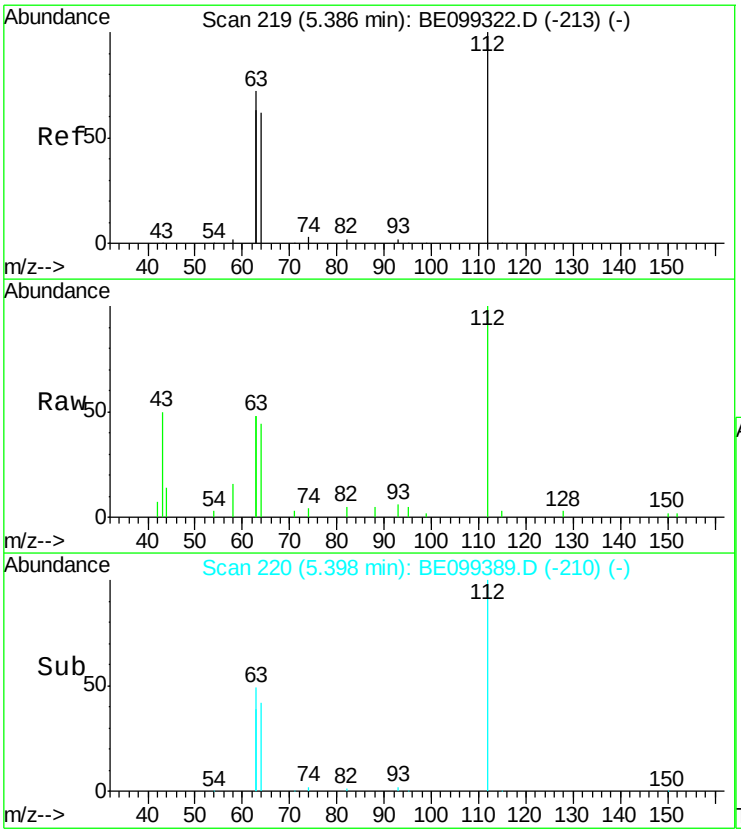
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:152 Resp: 4057

Ion	Ratio	Lower	Upper
152	100		
150	141.0	119.5	179.3
115	62.9	47.5	71.3

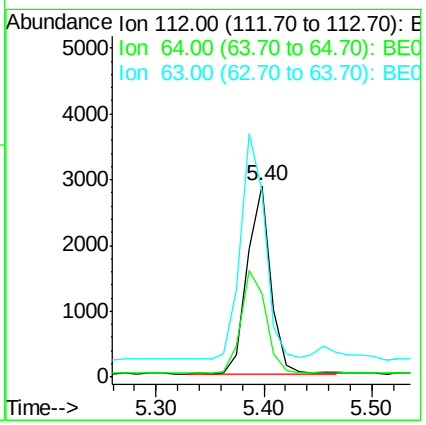


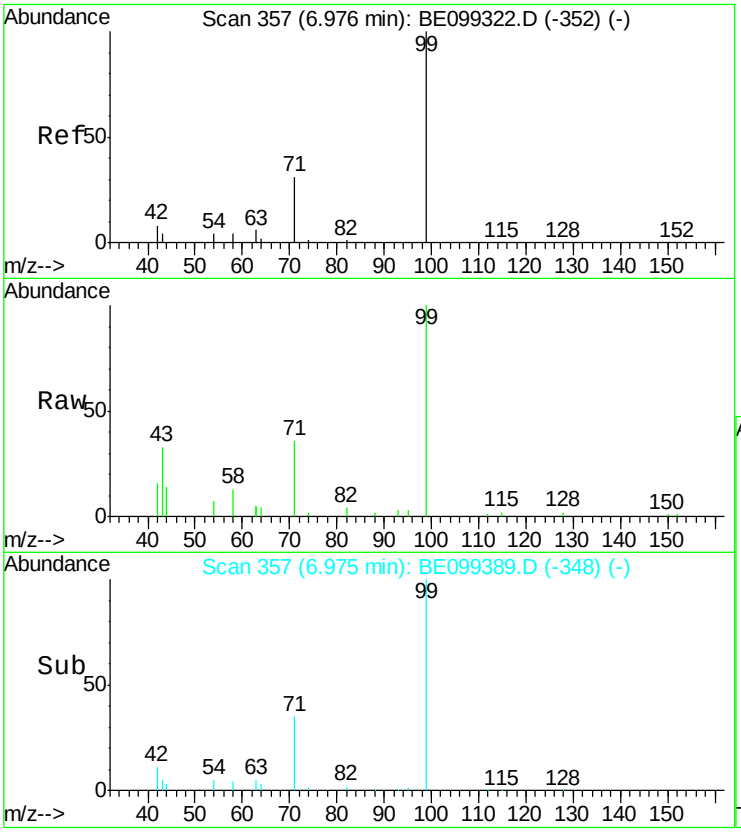


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:112 Resp: 4308

Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.9	67.3
63	123.1	97.4	146.0



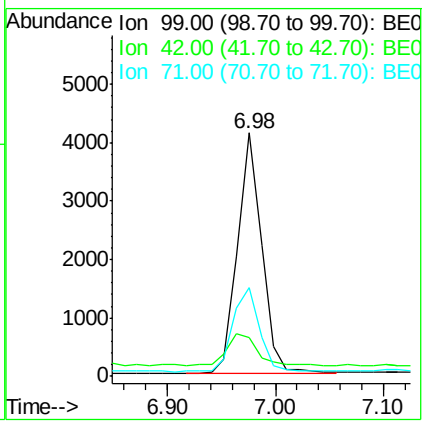


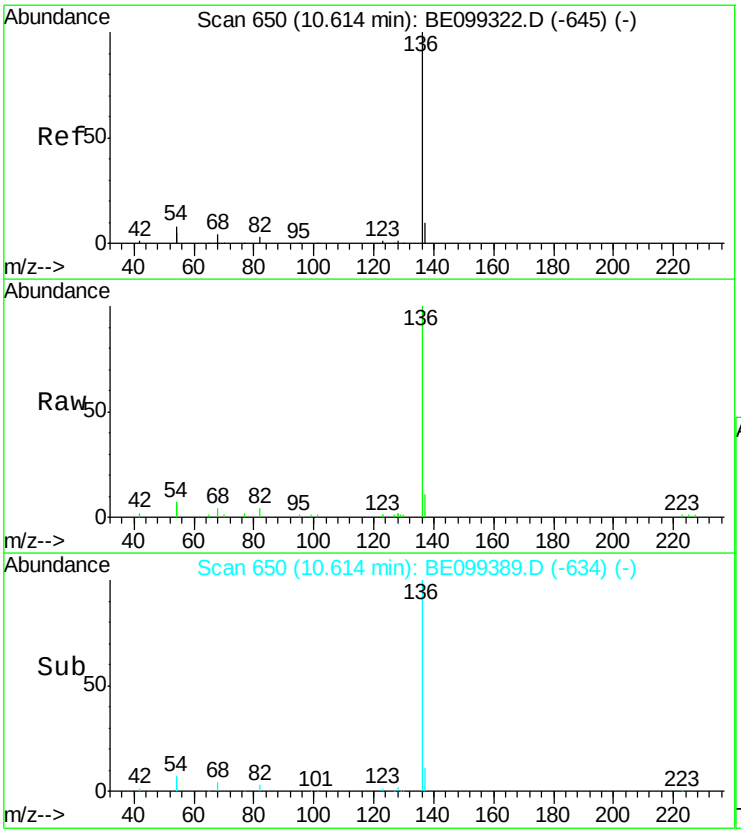
#5
Phenol-d6
Concen: 0.450 ng
RT: 6.98 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion: 99 Resp: 6366

Ion	Ratio	Lower	Upper
99	100		
42	17.5	11.7	17.5
71	38.6	29.6	44.4

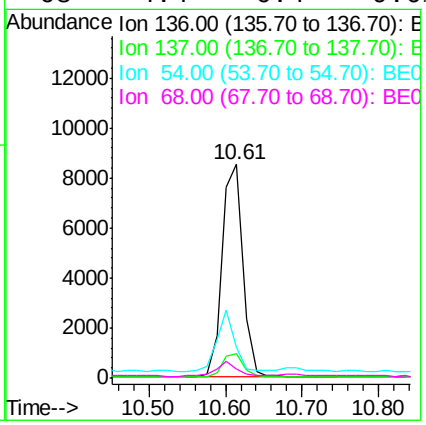


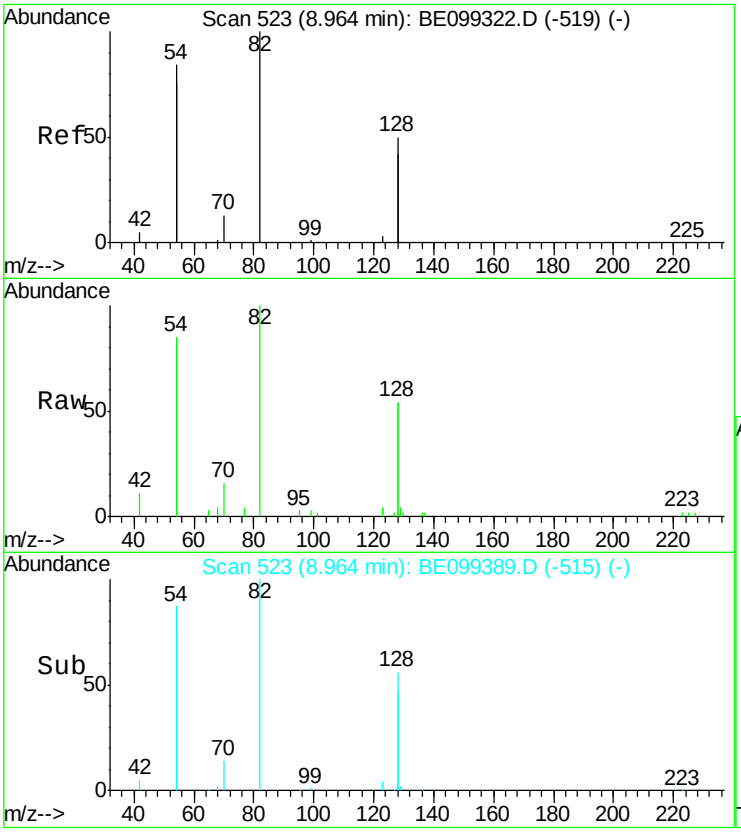


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:136 Resp: 15930

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	14.4	23.8	35.8#
68	4.4	6.4	9.6#



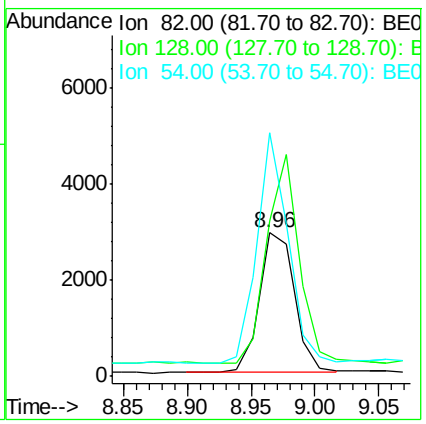


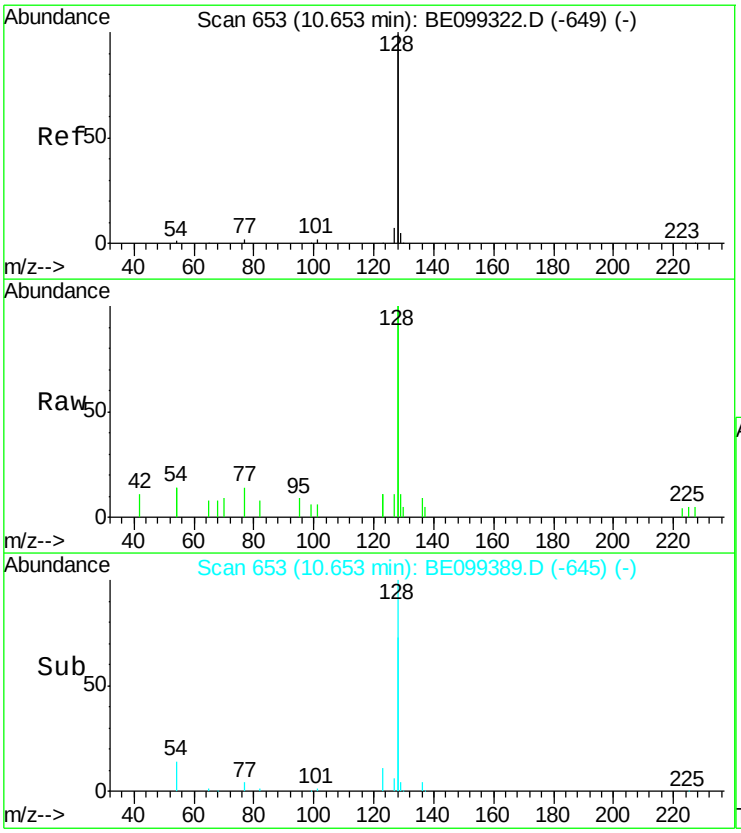
#8
Nitrobenzene-d5
Concen: 0.451 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion: 82 Resp: 5578

Ion	Ratio	Lower	Upper
82	100		
128	108.1	91.7	137.5
54	169.9	122.8	184.2

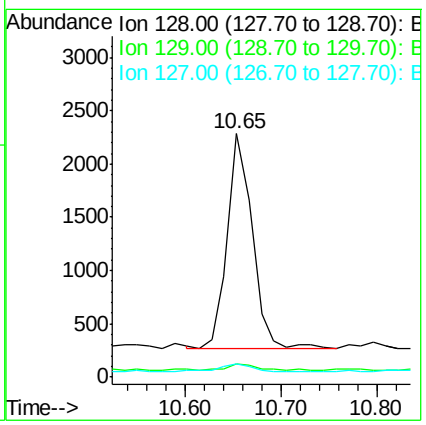


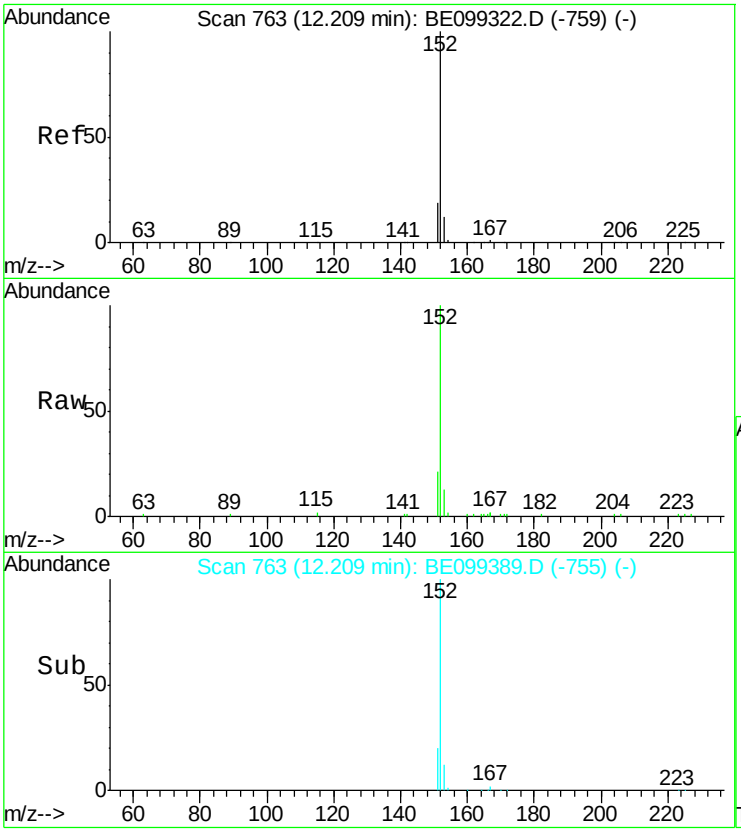


#9
Naphthalene
Concen: 0.021 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:128 Resp: 3626

Ion	Ratio	Lower	Upper
128	100		
129	5.3	2.3	3.5#
127	5.4	2.8	4.2#



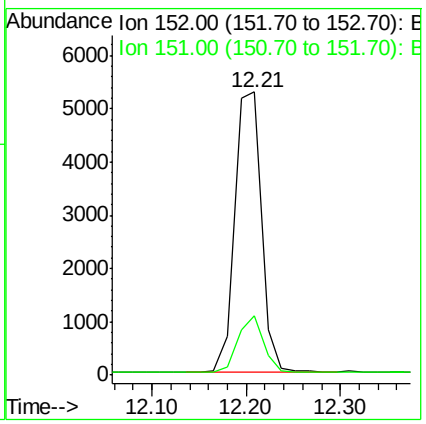


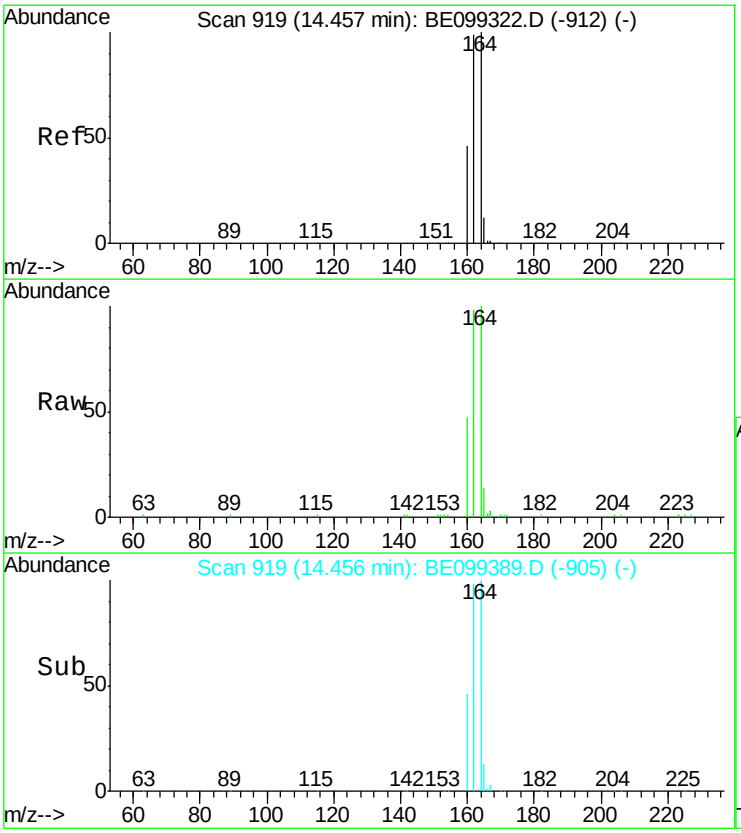
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:152 Resp: 10368

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.9	22.3

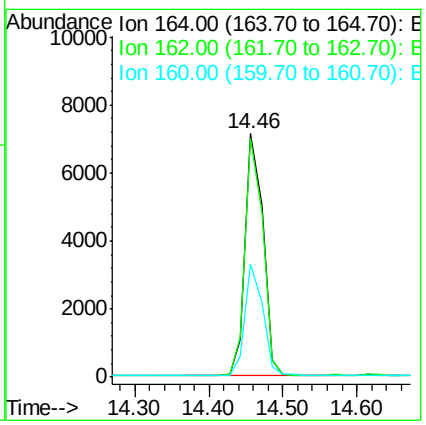


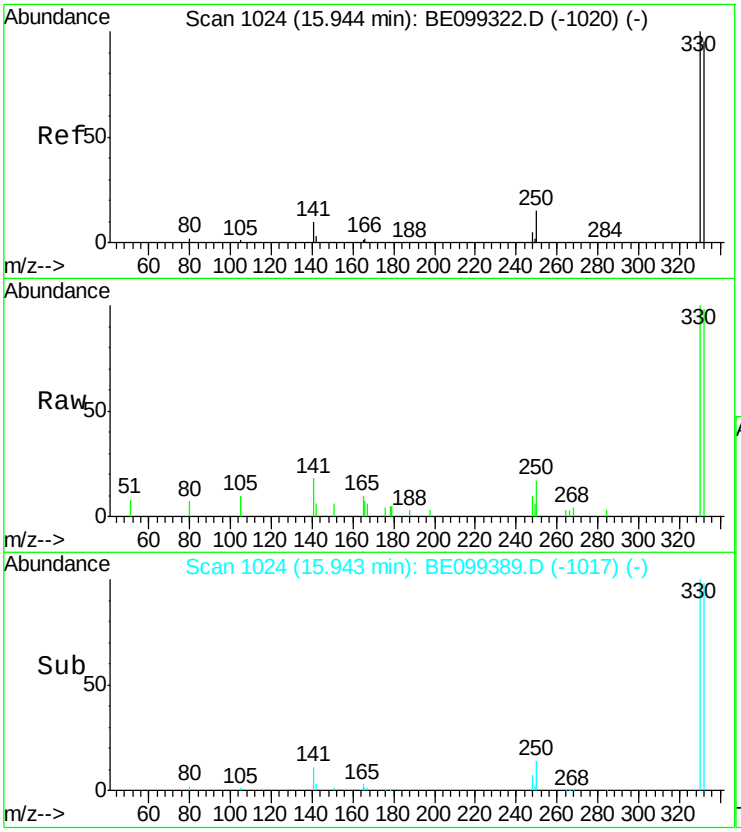


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:164 Resp: 11832

Ion	Ratio	Lower	Upper
164	100		
162	97.7	77.8	116.6
160	46.6	37.1	55.7



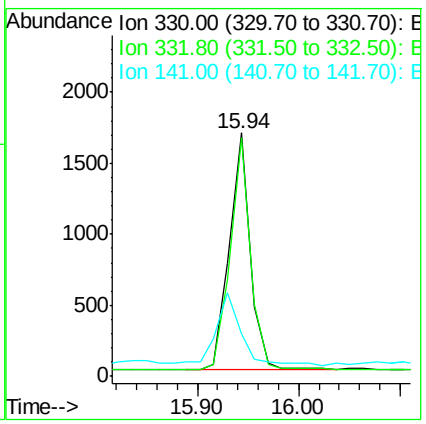


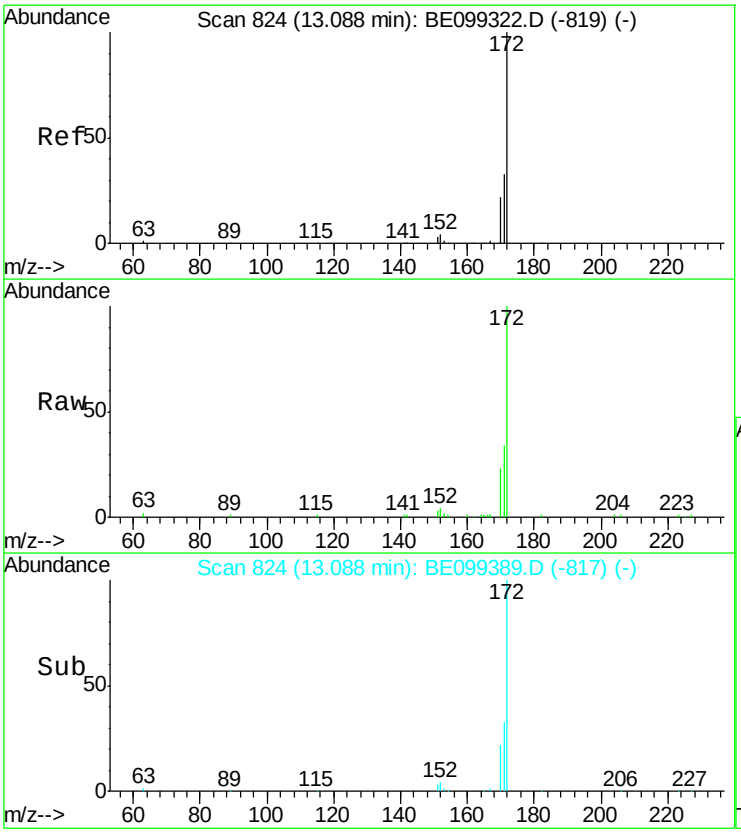
#14
2,4,6-Tribromophenol
Concen: 0.604 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:330 Resp: 2374

Ion	Ratio	Lower	Upper
330	100		
332	97.6	82.5	123.7
141	36.5	24.9	37.3

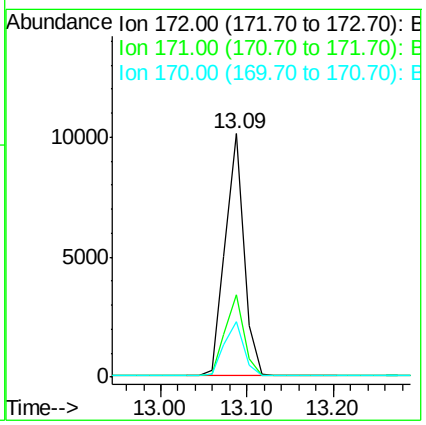


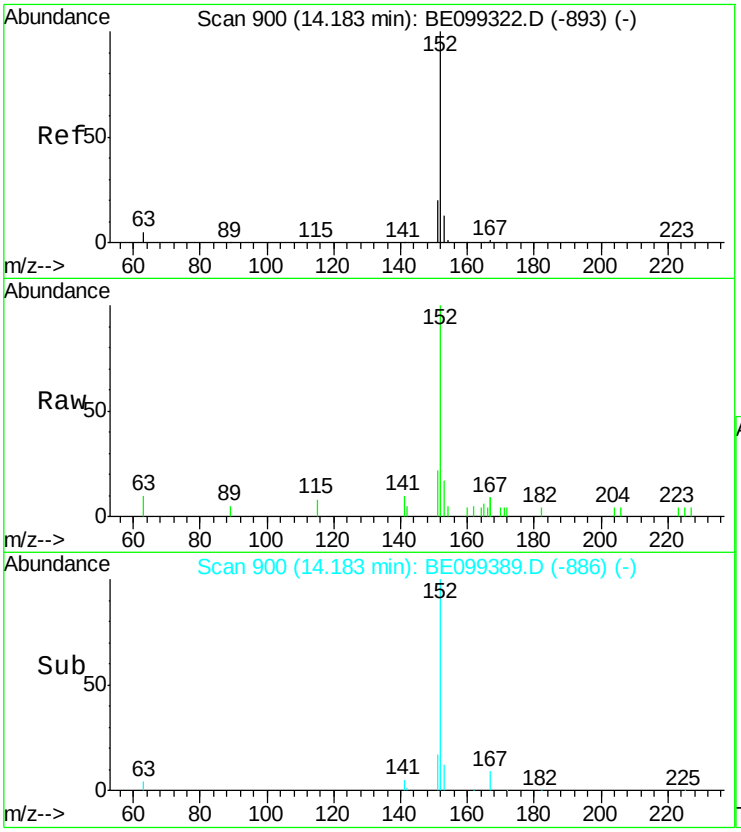


#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:172 Resp: 15201

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.2	39.2
170	22.7	18.1	27.1



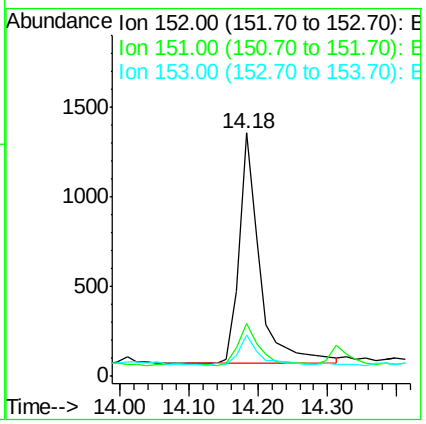


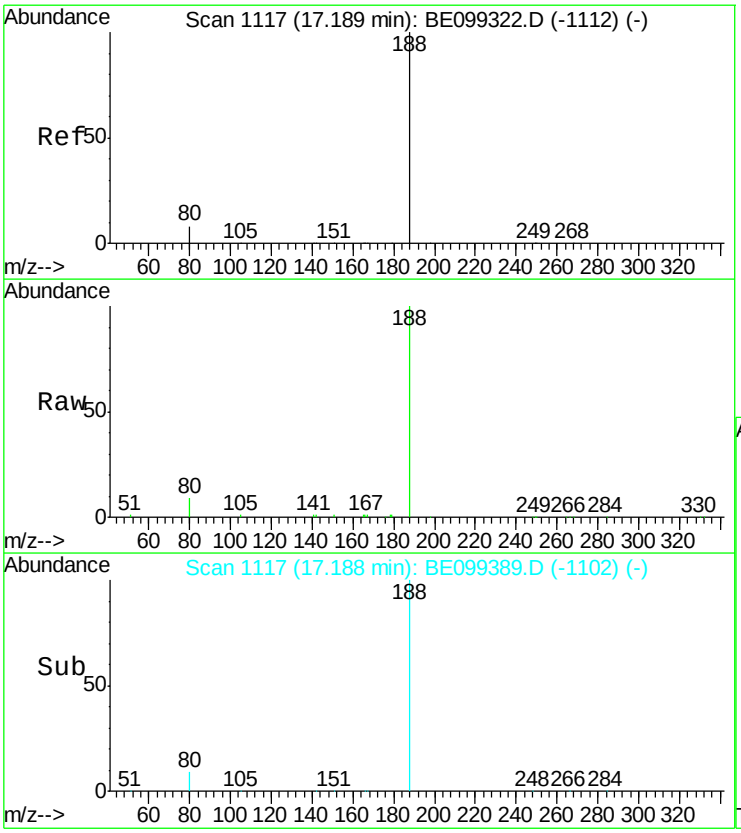
#16
Acenaphthylene
Concen: 0.049 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:152 Resp: 2644

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.7	10.2	15.4

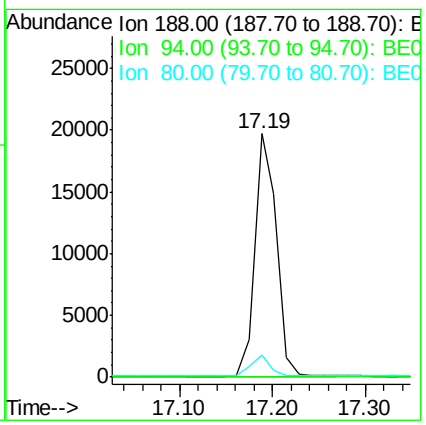


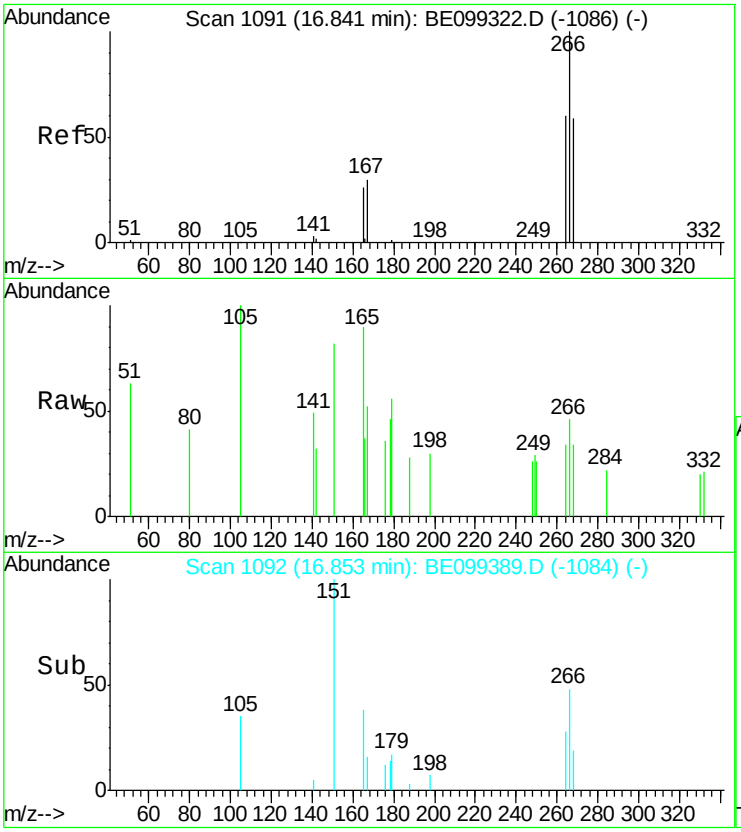


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:188 Resp: 31509

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.2	9.4



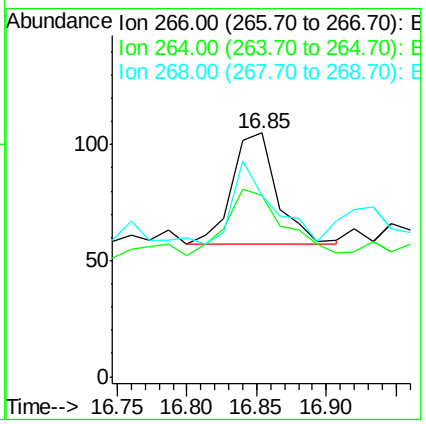


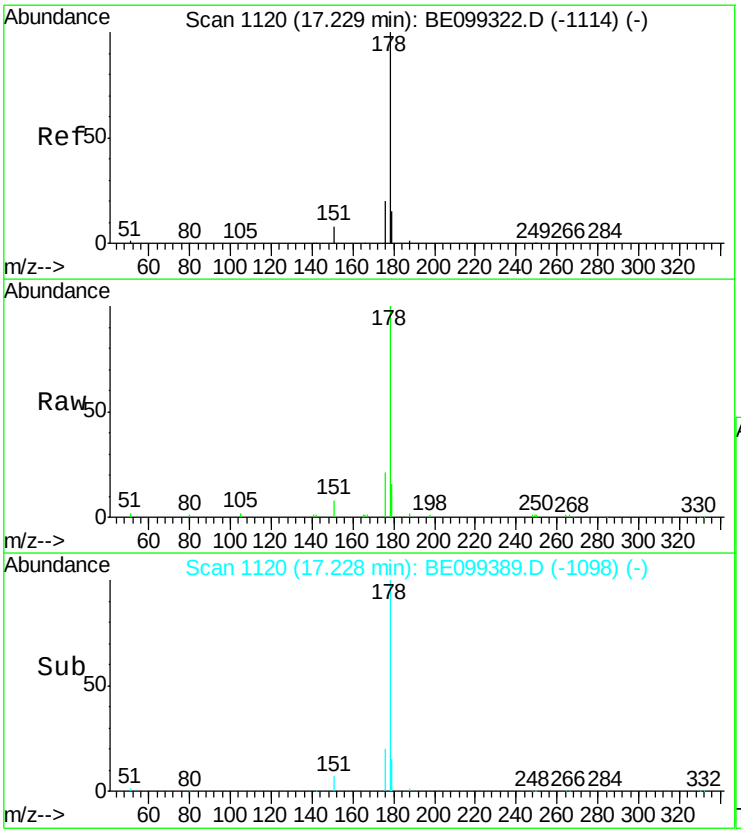
#22
Pentachlorophenol
Concen: 0.236 ng
RT: 16.85 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:266 Resp: 108

Ion	Ratio	Lower	Upper
266	100		
264	74.3	54.5	81.7
268	74.3	54.3	81.5

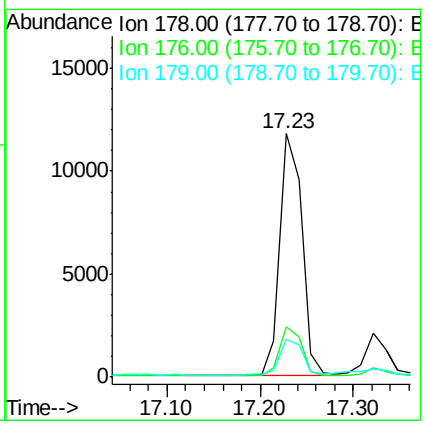


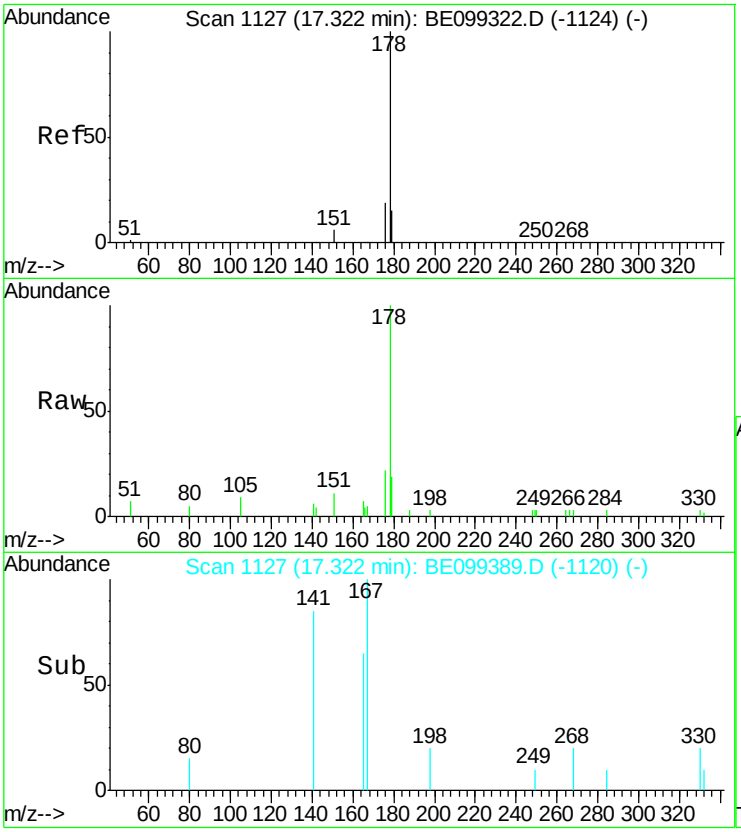


#23
Phenanthrene
Concen: 0.235 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:178 Resp: 19573

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.3	22.9
179	15.6	12.4	18.6



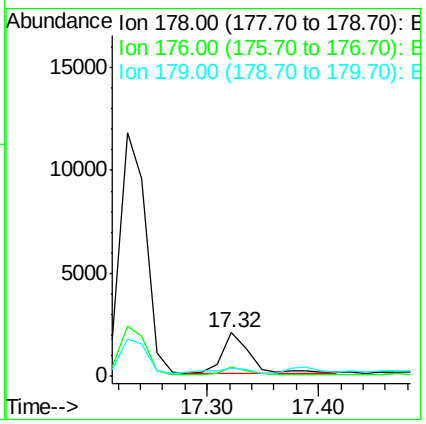


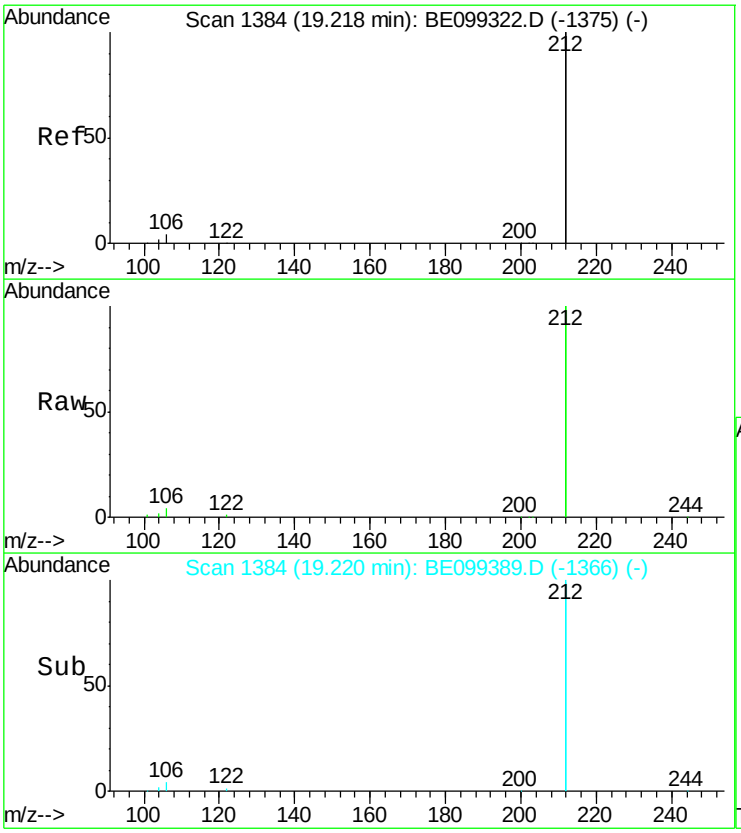
#24
Anthracene
Concen: 0.042 ng
RT: 17.32 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:178 Resp: 3137

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.1	22.7
179	18.5	11.9	17.9#

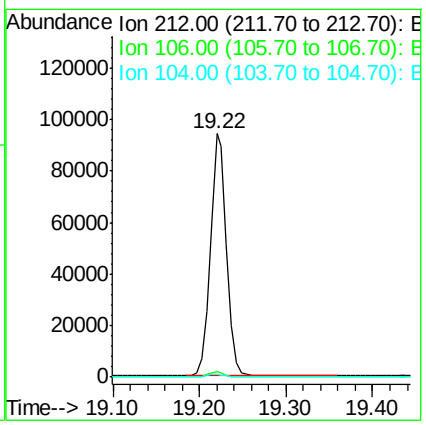


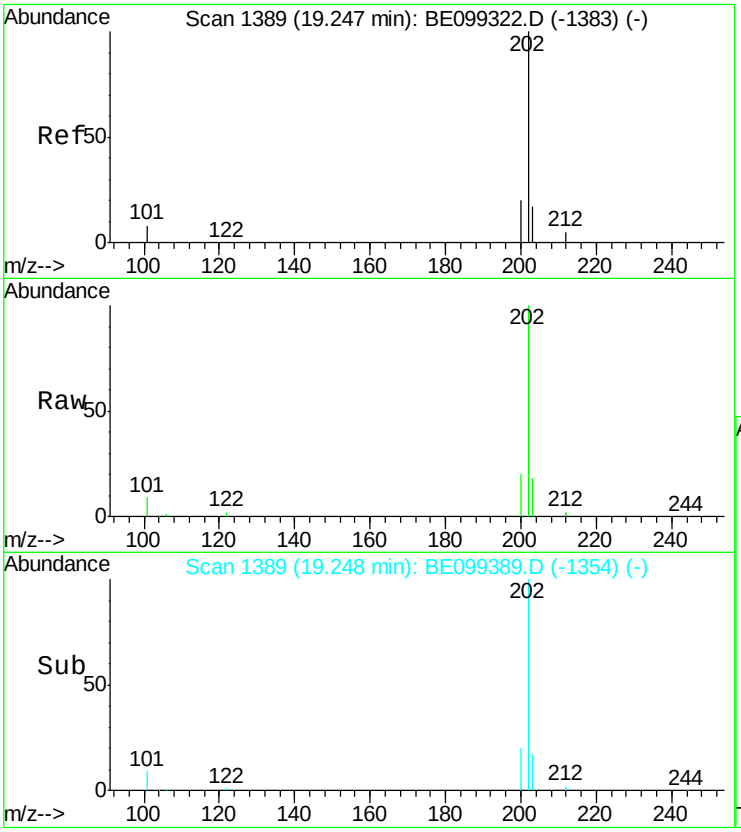


#25
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:212 Resp: 123404

Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.6
104	1.2	1.0	1.4



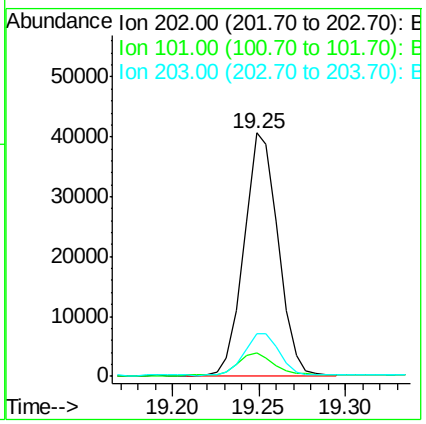


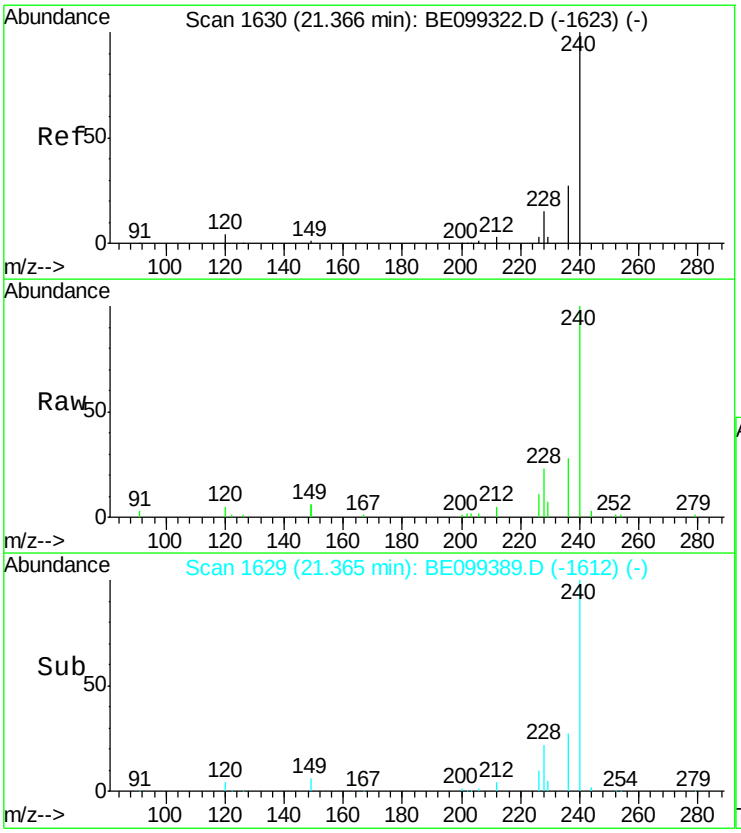
#26
Fluoranthene
Concen: 0.495 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:202 Resp: 55320

Ion	Ratio	Lower	Upper
202	100		
101	10.9	6.4	9.6#
203	17.7	13.5	20.3

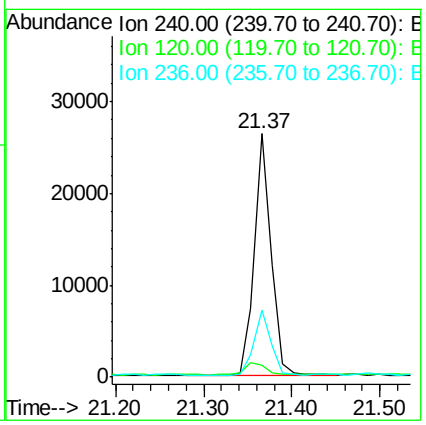


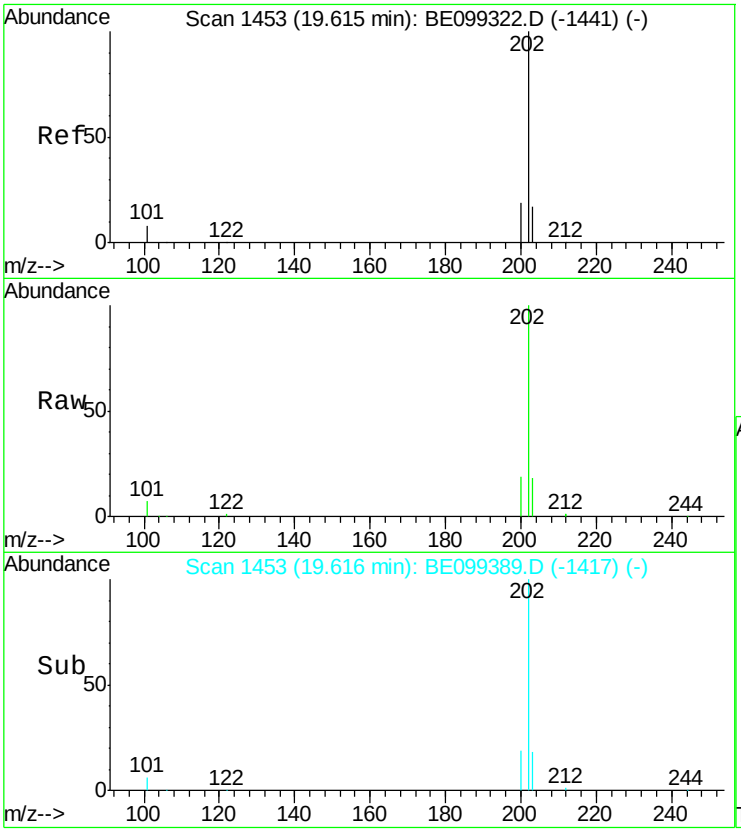


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:240 Resp: 34658

Ion	Ratio	Lower	Upper
240	100		
120	4.9	2.2	3.2#
236	27.7	20.2	30.4



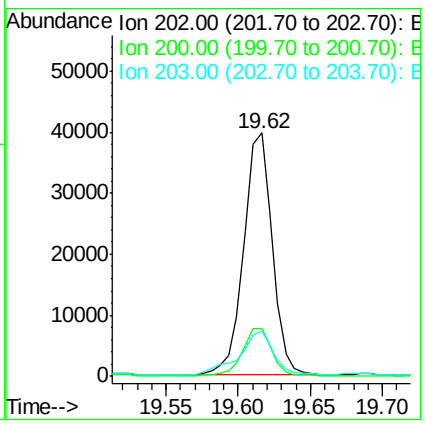


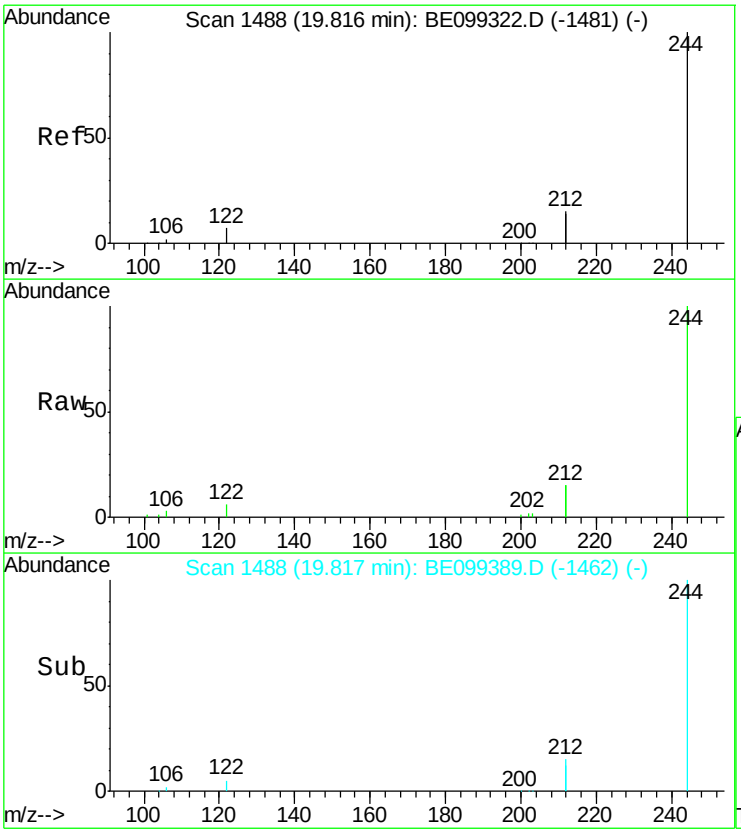
#28
Pyrene
Concen: 0.542 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:202 Resp: 55370

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	21.7	13.7	20.5#

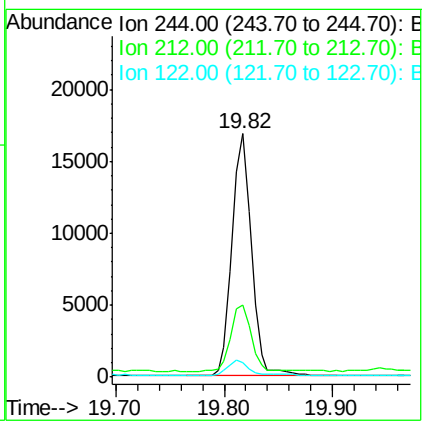


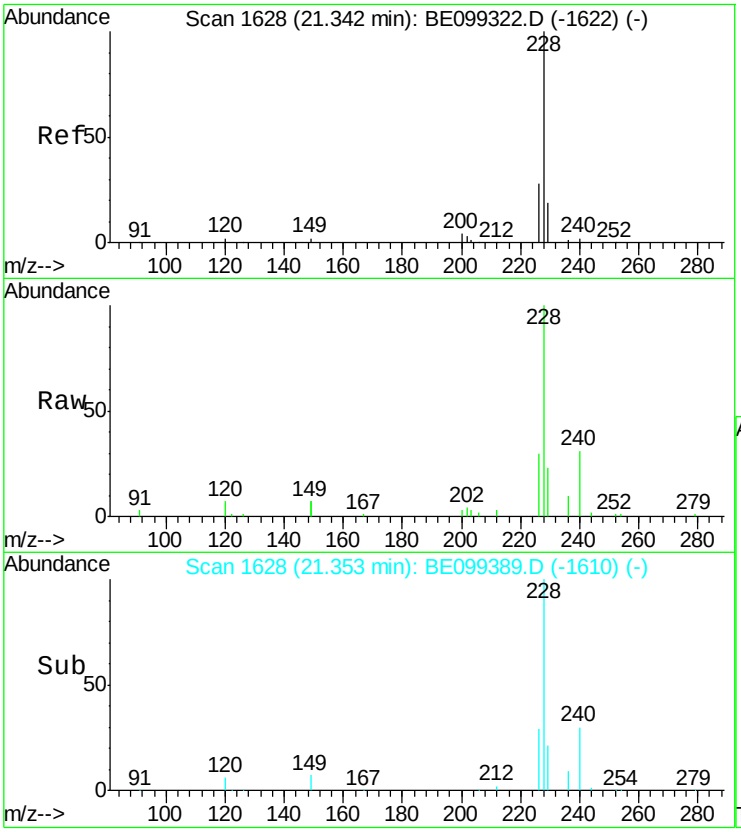


#29
Terphenyl-d14
Concen: 0.306 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:244 Resp: 20853

Ion	Ratio	Lower	Upper
244	100		
212	29.7	22.6	33.8
122	5.8	4.6	7.0



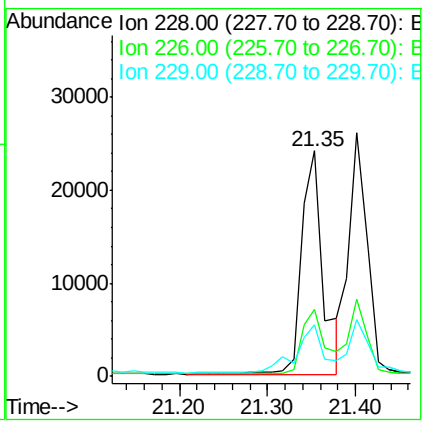


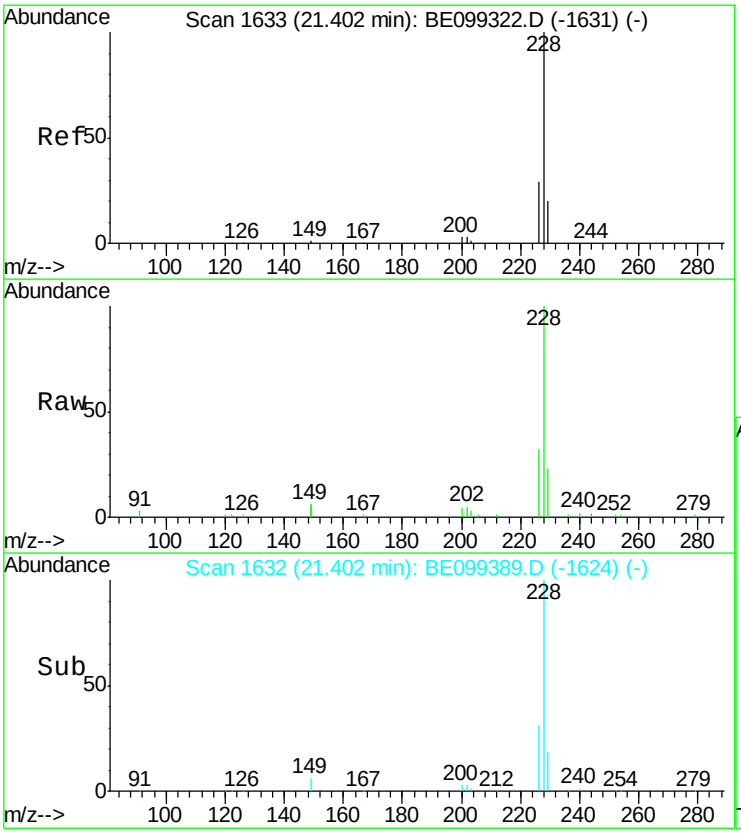
#30
Benzo(a)anthracene
Concen: 0.407 ng
RT: 21.35 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:228 Resp: 41452

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.0	33.0
229	22.8	15.8	23.8

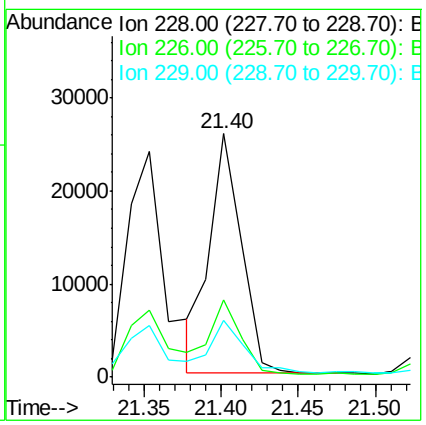


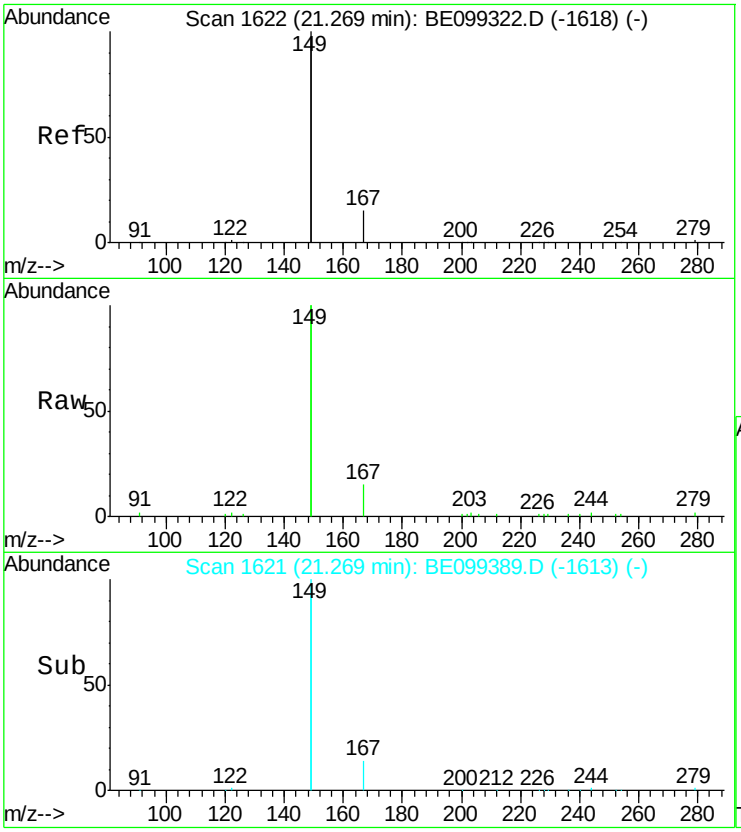


#31
Chrysene
Concen: 0.338 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:228 Resp: 36634

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.2
229	23.1	16.2	24.2



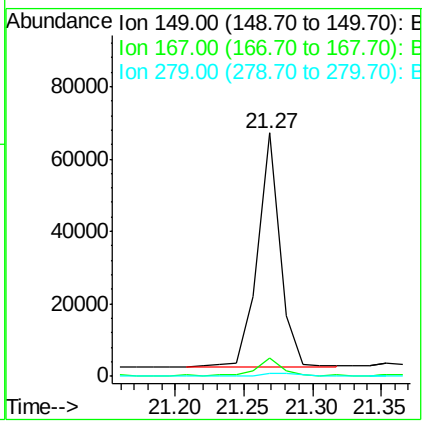


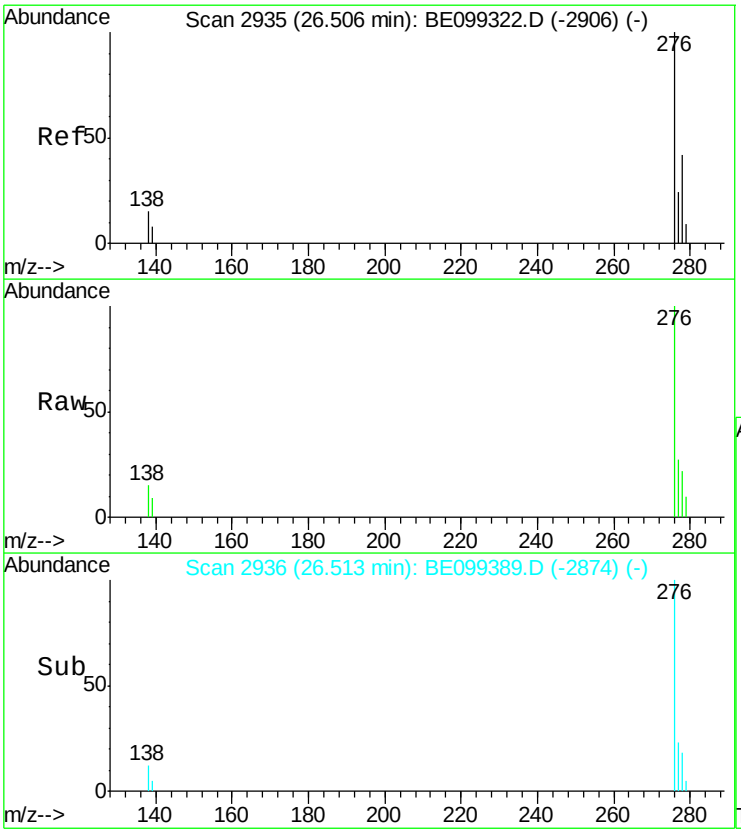
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.792 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:149 Resp: 73401

Ion	Ratio	Lower	Upper
149	100		
167	7.4	6.0	9.0
279	1.5	1.1	1.7

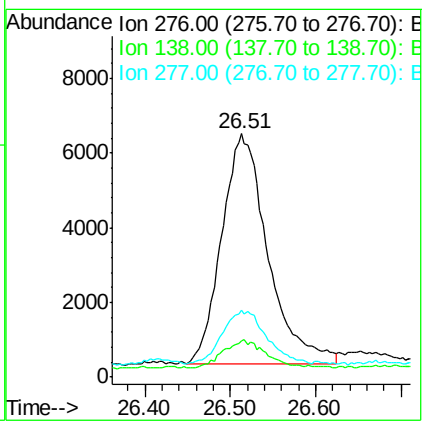


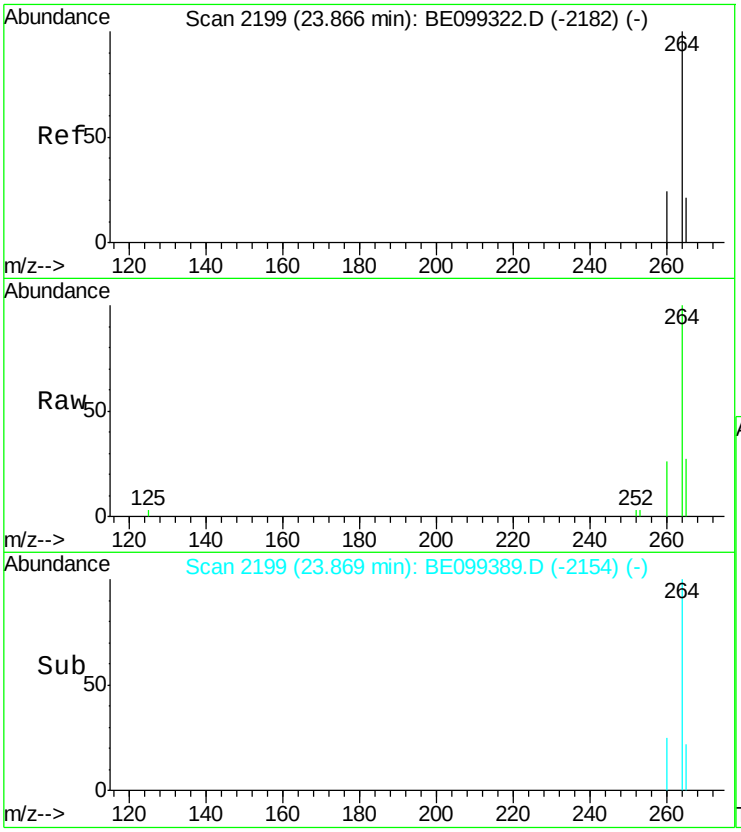


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.217 ng
RT: 26.51 min Scan# 2936
Delta R.T. 0.02 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:276 Resp: 23250

Ion	Ratio	Lower	Upper
276	100		
138	10.9	12.7	19.1#
277	22.7	19.6	29.4



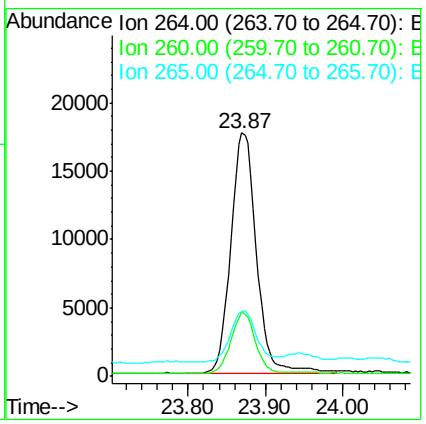


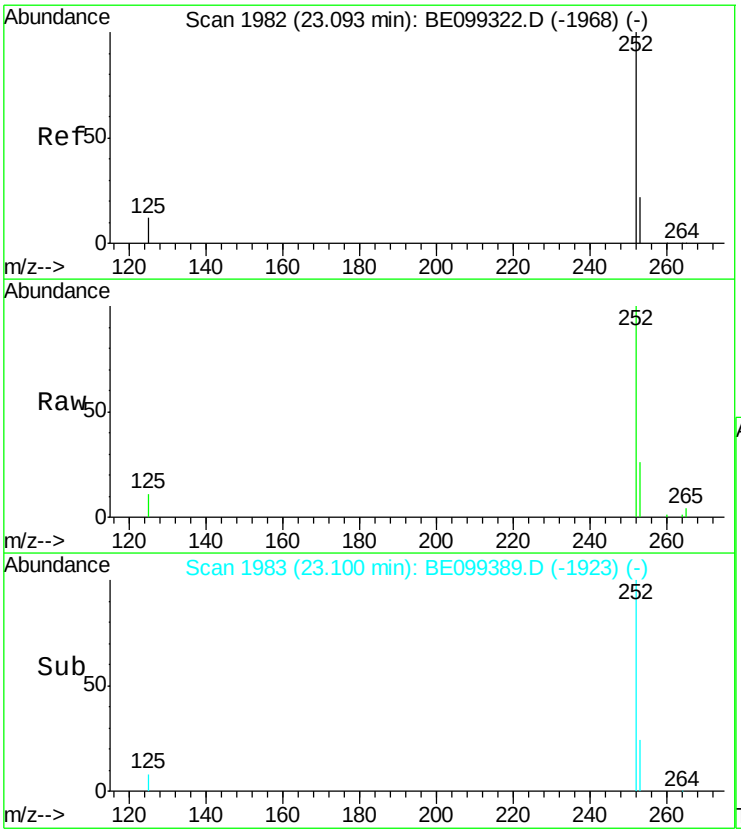
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:264 Resp: 40635

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.1	30.1
265	26.7	19.9	29.9

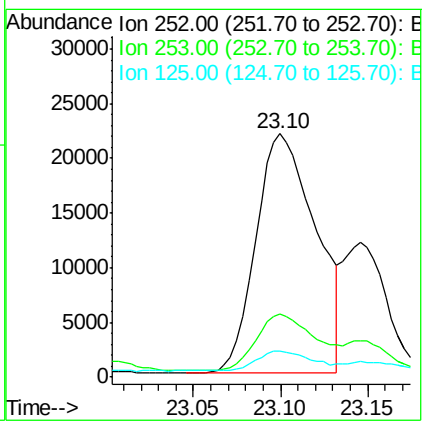


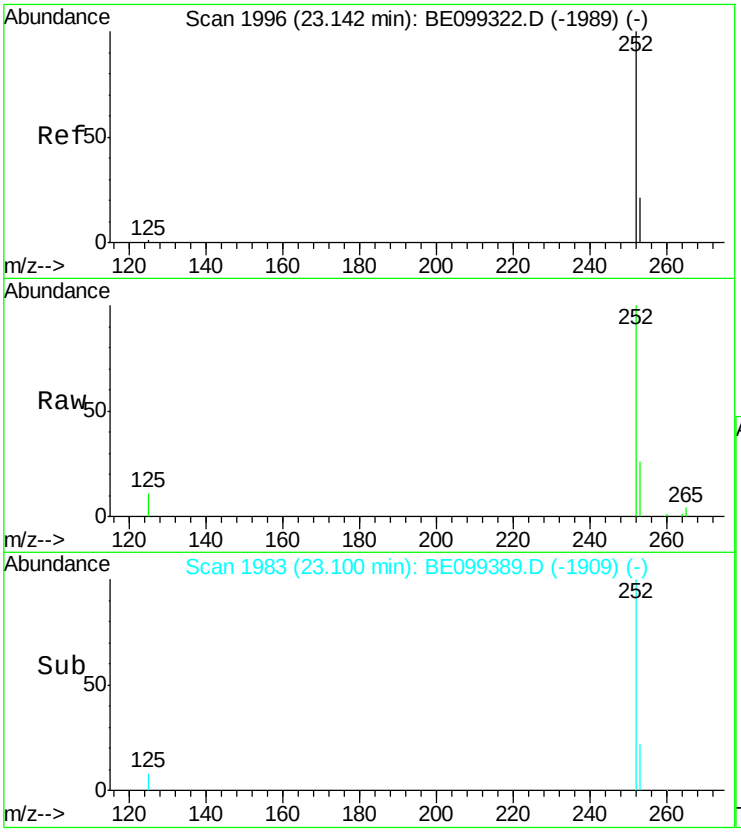


#35
Benzo(b)fluoranthene
Concen: 0.420 ng
RT: 23.10 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:252 Resp: 52221

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.3	25.9#
125	10.9	5.8	8.6#



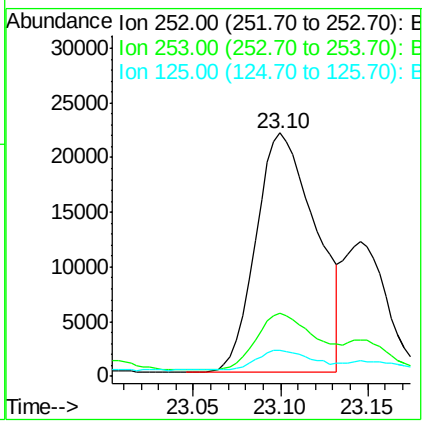


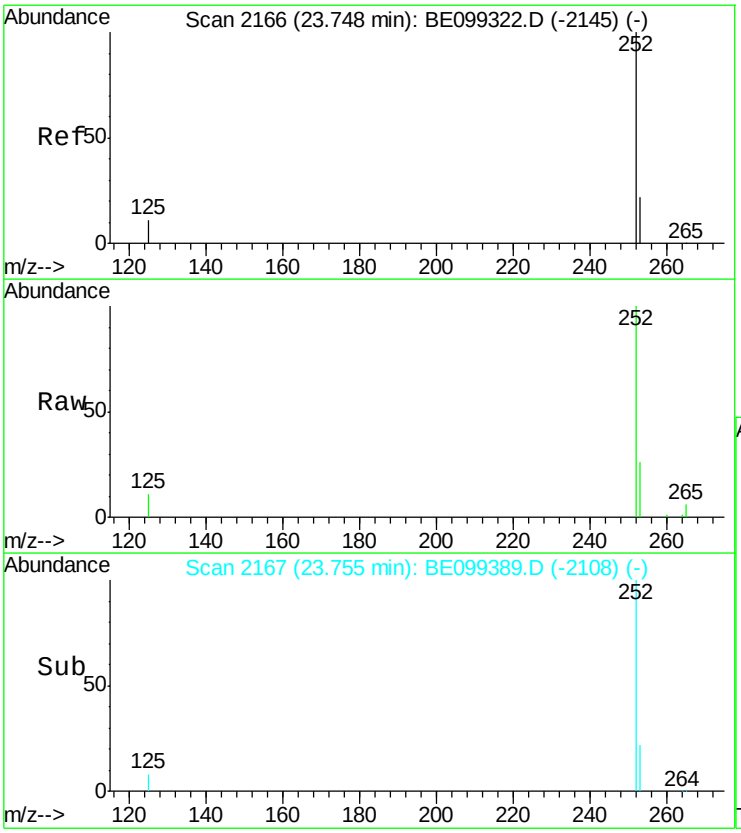
#36
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.04 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:252 Resp: 52221

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	10.9	5.4	8.0#

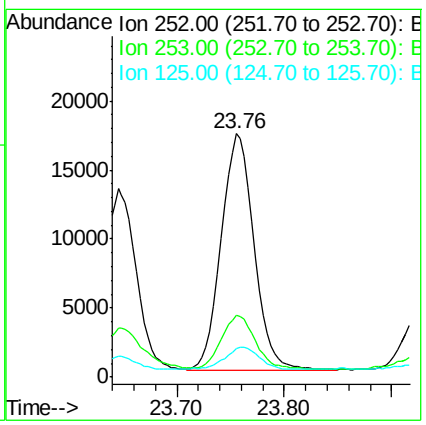


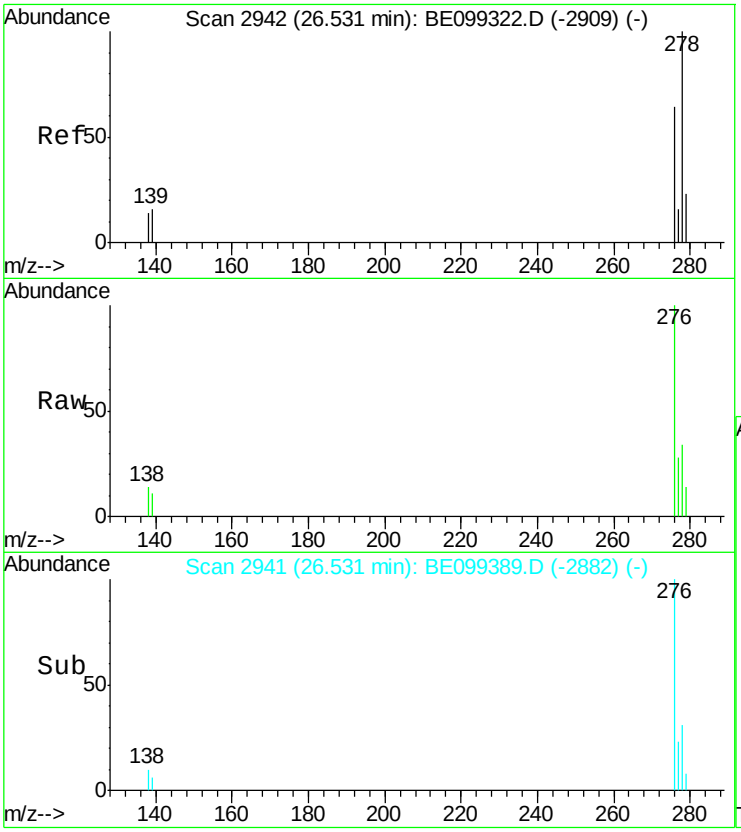


#37
Benzo(a)pyrene
Concen: 0.326 ng
RT: 23.76 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:252 Resp: 36304

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	11.5	6.5	9.7#



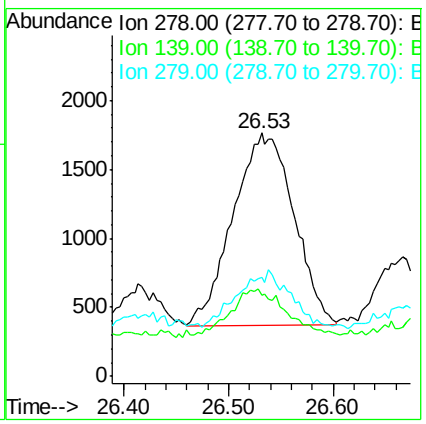


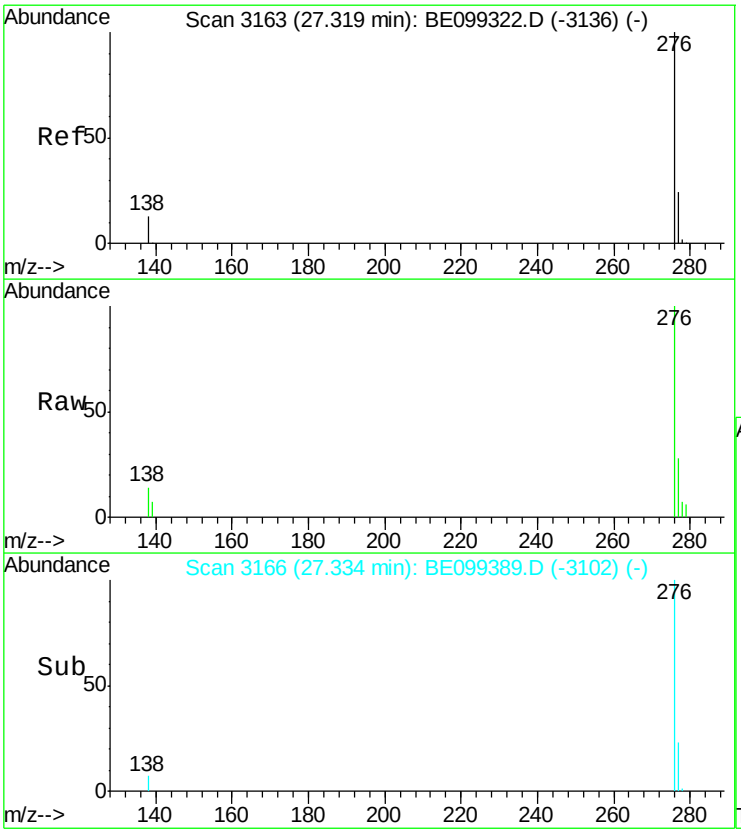
#38
Dibenzo(a,h)anthracene
Concen: 0.049 ng
RT: 26.53 min Scan# 2941
Delta R.T. 0.01 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Instrument :
BNA_E
ClientSampleId :
PST-023-B184-042219

Tgt Ion:278 Resp: 5629

Ion	Ratio	Lower	Upper
278	100		
139	33.5	8.5	12.7#
279	40.7	19.8	29.8#





#39
Benzo(g,h,i)perylene
Concen: 0.187 ng
RT: 27.33 min Scan# 3166
Delta R.T. 0.03 min
Lab File: BE099389.D
Acq: 26 Apr 2019 22:19

Tgt Ion:276 Resp: 21624

Ion	Ratio	Lower	Upper
276	100		
277	28.0	20.0	30.0
138	14.4	11.1	16.7