Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
Data File : BE099513.D
Acq On : 3 May 2019 3:45
Operator : JU/SJ
Sample : K2588-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-B012-042519

Quant Time: May 03 07:50:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 29 18:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	2194	0.40	ng		-0.01
7) Naphthalene-d8	10.60	136	7799	0.40	ng		0.00
13) Acenaphthene-d10	14.46	164	6044	0.40	ng		0.00
19) Phenanthrene-d10	17.19	188	19426	0.40	ng		0.00
27) Chrysene-d12	21.37	240	24990	0.40	ng		0.00
34) Perylene-d12	23.87	264	28719	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	3168	0.52	ng		0.00
5) Phenol-d6	6.96	99	4328	0.54	ng		-0.01
8) Nitrobenzene-d5	8.96	82	3668	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.19	152	6588	0.47	ng		0.00
14) 2,4,6-Tribromophenol	15.94	330	2294	0.60	ng		0.00
15) 2-Fluorobiphenyl	13.07	172	10218	0.44	ng		-0.02
25) Fluoranthene-d10	19.22	212	117414	0.45	ng		0.00
29) Terphenyl-d14	19.82	244	23797	0.52	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.65	128	3031	0.036	ng	#	93
12) 2-Methylnaphthalene	12.27	142	342	0.023	ng	#	87
16) Acenaphthylene	14.18	152	1741	0.059	ng		95
18) Fluorene	15.49	166	715	0.029	ng	#	94
22) Pentachlorophenol	16.84	266	101	0.232	ng	#	80
23) Phenanthrene	17.23	178	23410	0.467	ng		99
24) Anthracene	17.32	178	2395	0.050	ng	#	87
26) Fluoranthene	19.25	202	69049	0.920	ng		99
28) Pyrene	19.61	202	67299	1.033	ng	#	96
30) Benzo(a)anthracene	21.35	228	43894	0.551	ng		96
31) Chrysene	21.40	228	41243	0.529	ng		97
32) Bis(2-ethylhexyl)phthalate	21.27	149	44541	0.325	ng		100
33) Indeno(1,2,3-cd)pyrene	26.52	276	25494	0.277	ng		98
35) Benzo(b)fluoranthene	23.10	252	53864	0.650	ng	#	92
36) Benzo(k)fluoranthene	23.10	252	53864	0.675	ng	#	93
37) Benzo(a)pyrene	23.76	252	36760	0.470	ng	#	96
38) Dibenzo(a,h)anthracene	26.53	278	6703	0.084	ng	#	75
39) Benzo(g,h,i)perylene	27.33	276	25159	0.314	ng		98

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

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QLast Update : Mon Apr 29 18:36:43 2019
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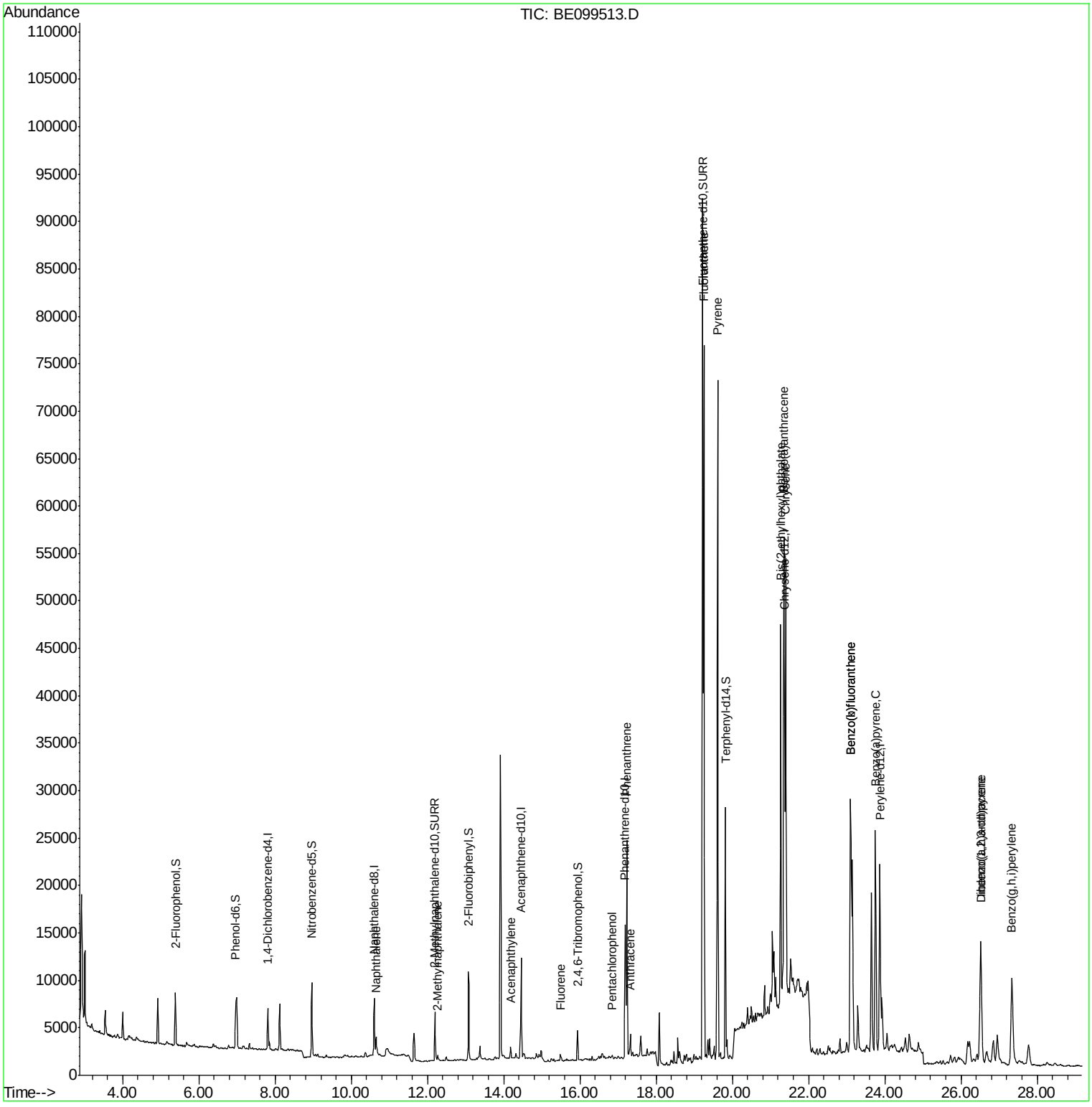
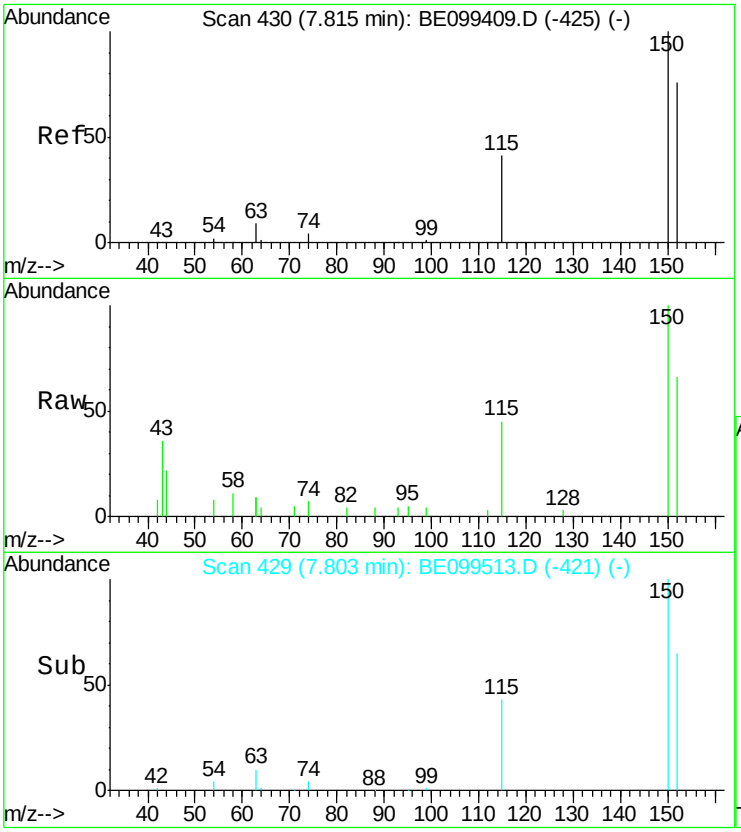


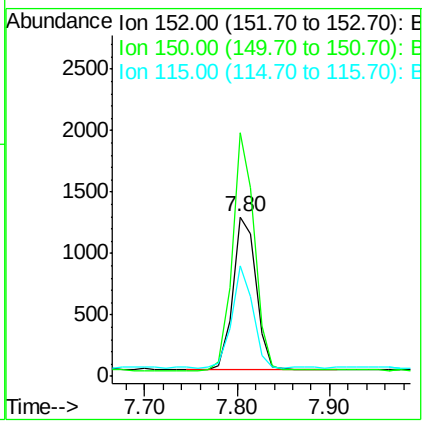


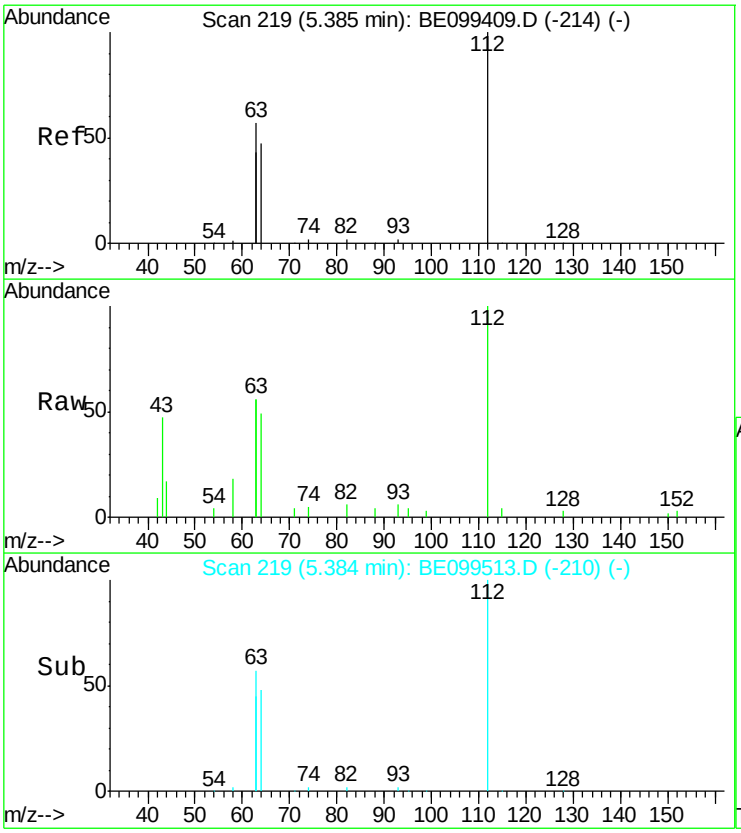
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:152 Resp: 2194

Ion	Ratio	Lower	Upper
152	100		
150	152.3	104.8	157.2
115	69.0	46.6	69.8

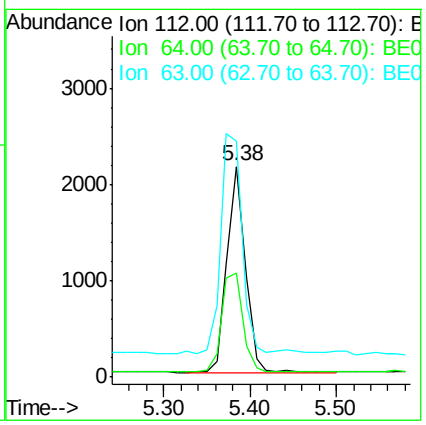


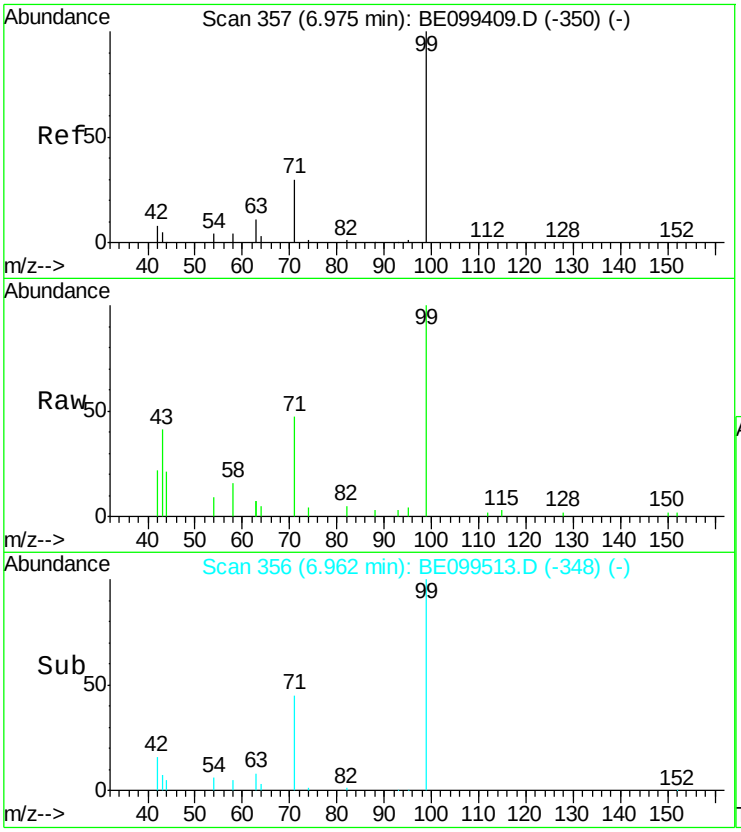


#4
2-Fluorophenol
Concen: 0.522 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:112 Resp: 3168

Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.4	71.0
63	125.0	104.3	156.5



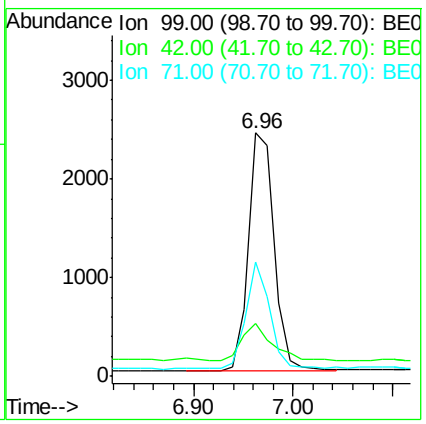


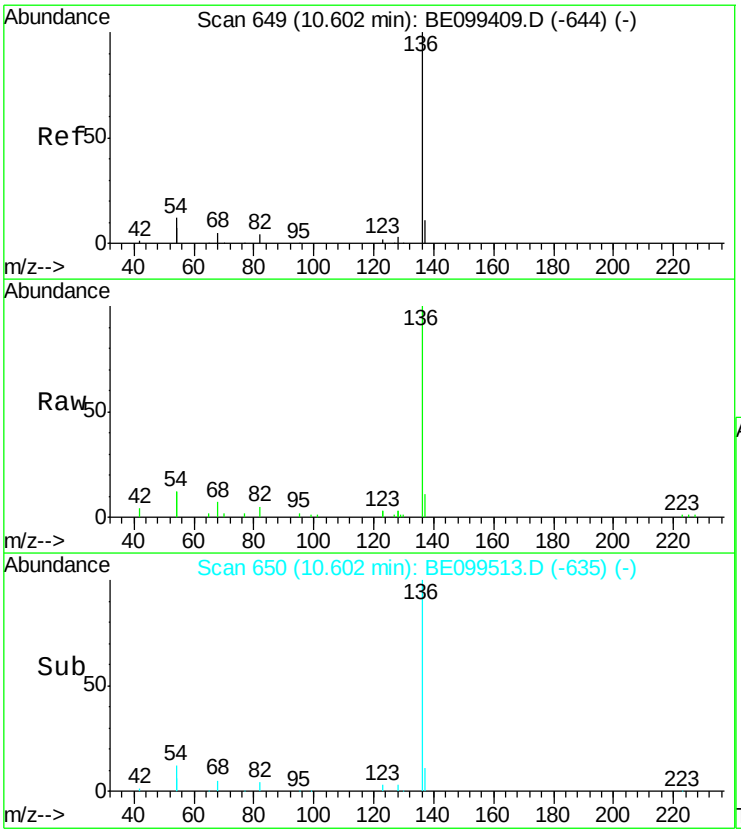
#5
Phenol-d6
Concen: 0.536 ng
RT: 6.96 min Scan# 356
Delta R.T. -0.01 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion: 99 Resp: 4328

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	41.6	33.0	49.6

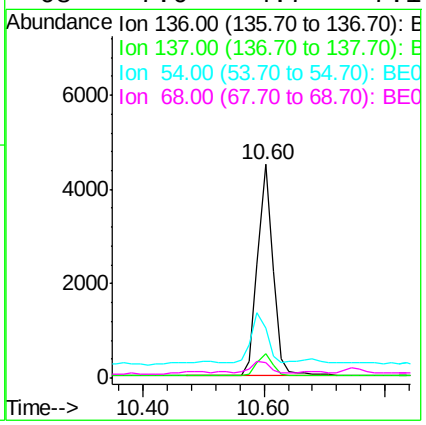


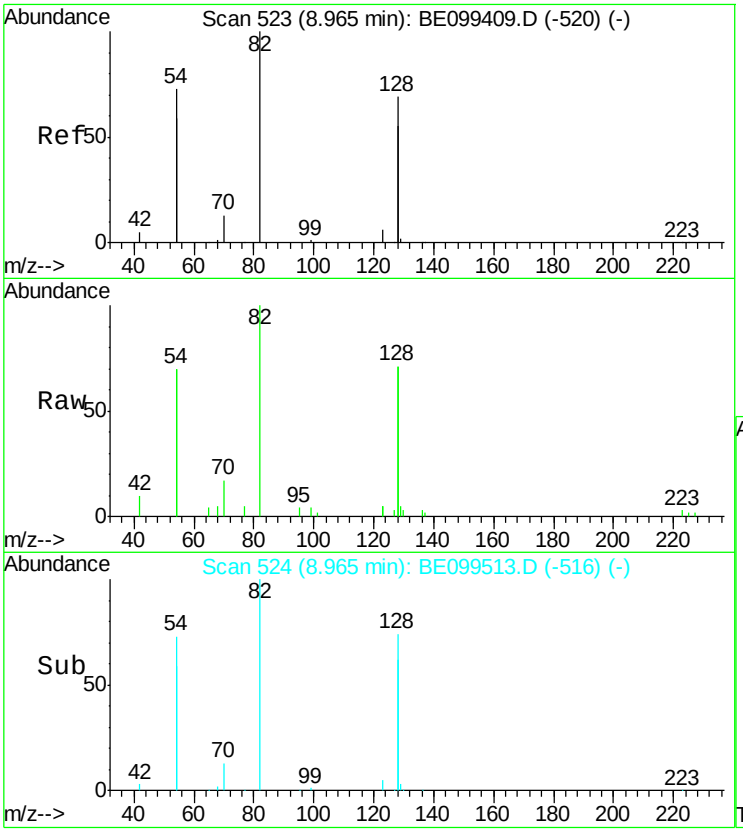


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:136 Resp: 7799

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.8
54	23.3	18.5	27.7
68	7.0	4.7	7.1



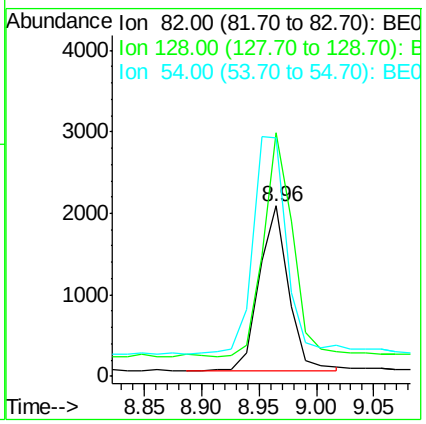


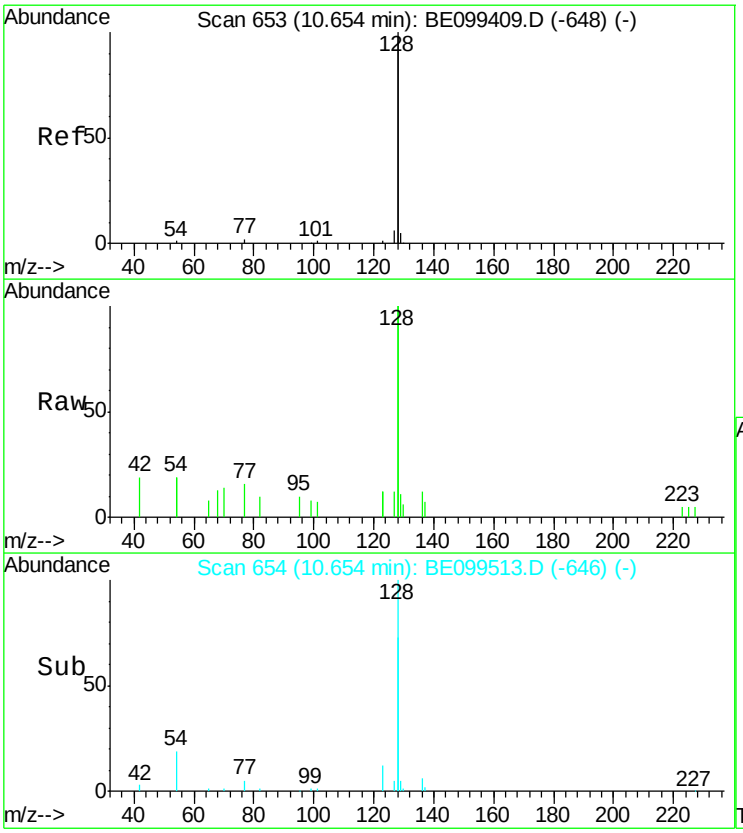
#8
Nitrobenzene-d5
Concen: 0.502 ng
RT: 8.96 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion: 82 Resp: 3668

Ion	Ratio	Lower	Upper
82	100		
128	142.8	107.0	160.4
54	139.6	113.1	169.7

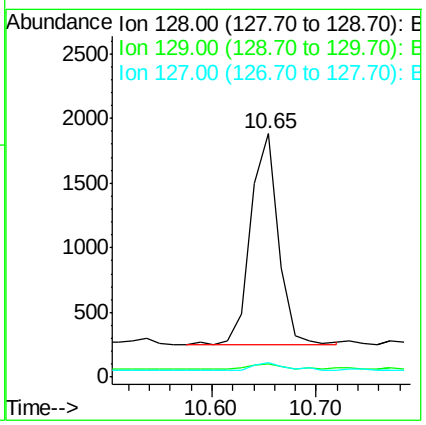


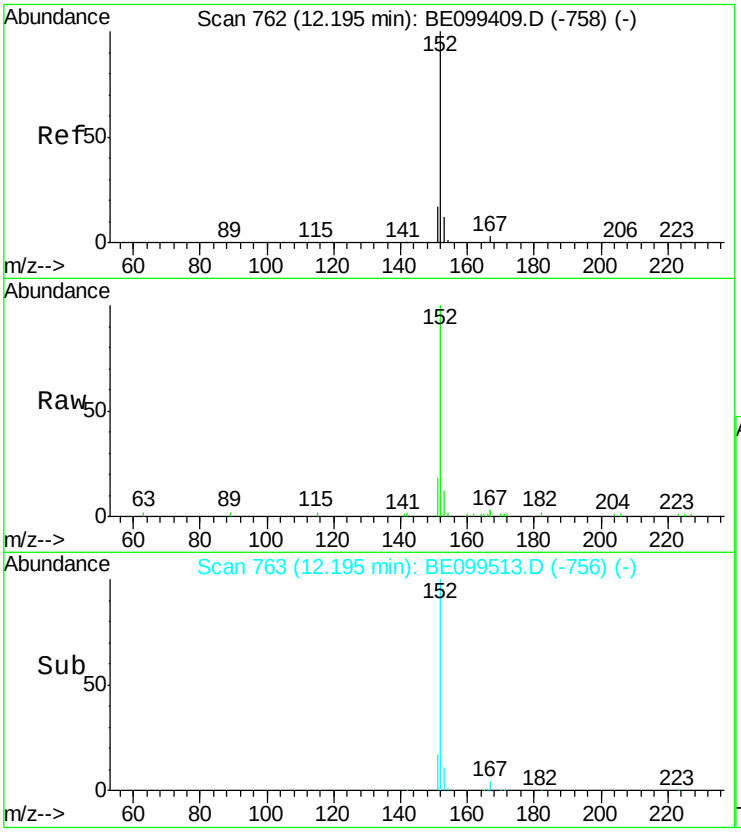


#9
Naphthalene
Concen: 0.036 ng
RT: 10.65 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:128 Resp: 3031

Ion	Ratio	Lower	Upper
128	100		
129	5.5	2.4	3.6#
127	5.8	2.8	4.2#



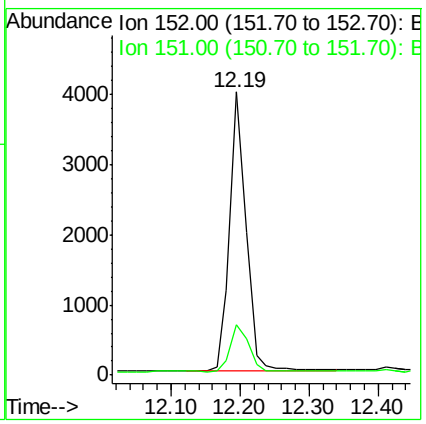


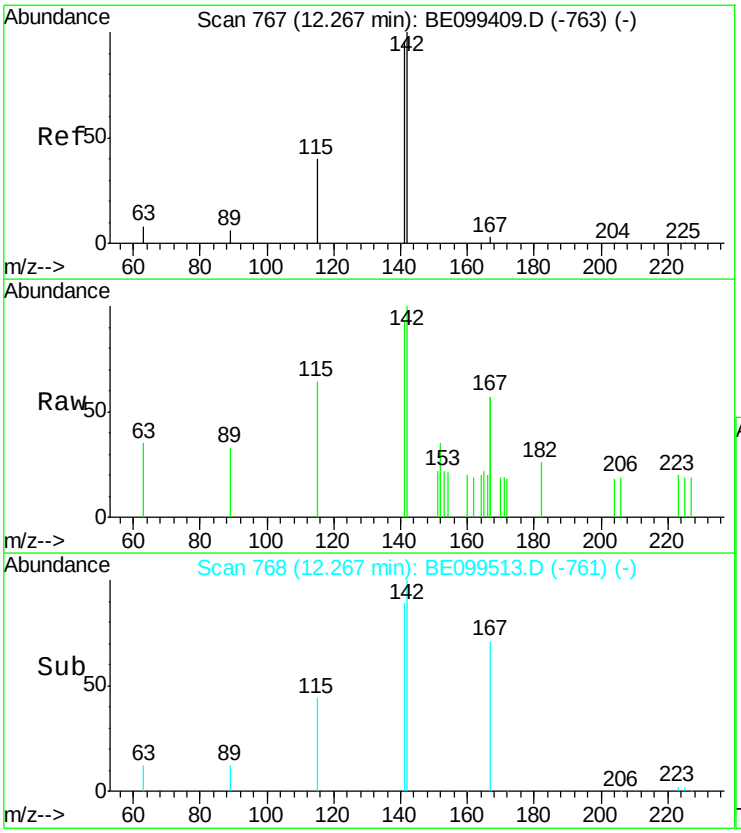
#11
2-Methylnaphthalene-d10
Concen: 0.469 ng
RT: 12.19 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:152 Resp: 6588

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.5	23.3

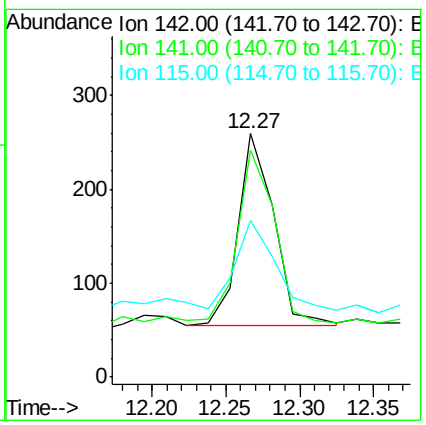


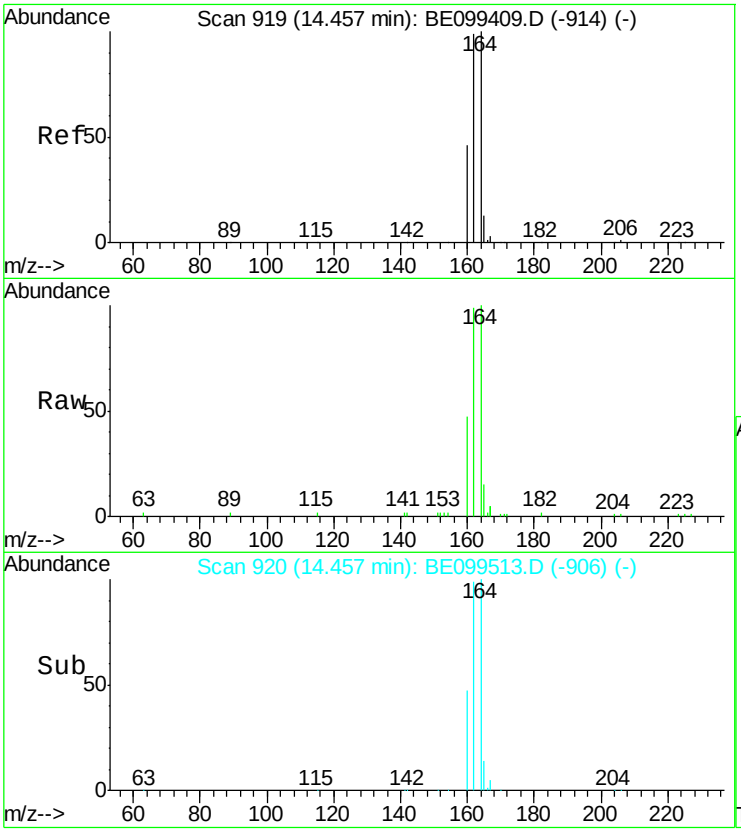


#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.27 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:142 Resp: 342

Ion	Ratio	Lower	Upper
142	100		
141	93.4	77.0	115.4
115	64.5	33.4	50.0#



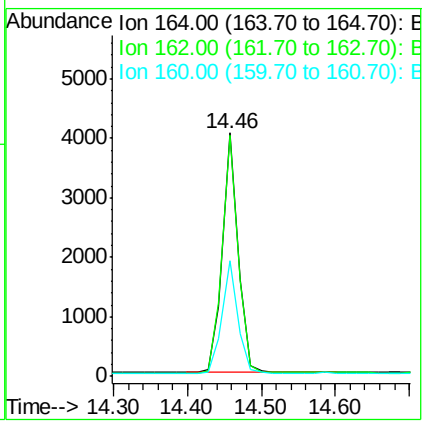


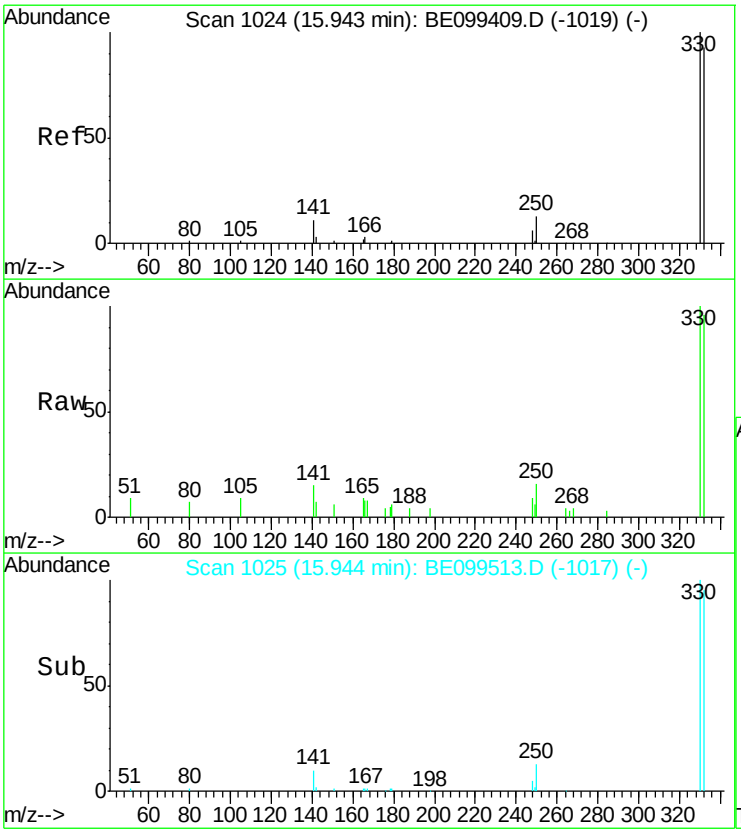
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:164 Resp: 6044

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.0	118.4
160	47.5	37.0	55.4

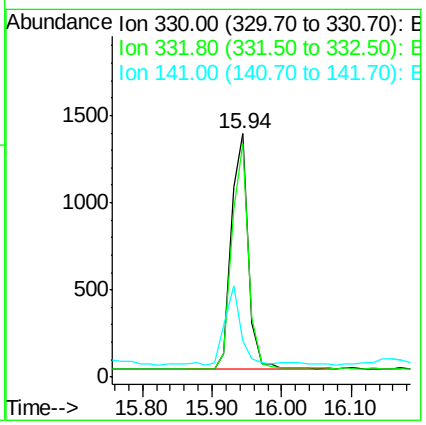


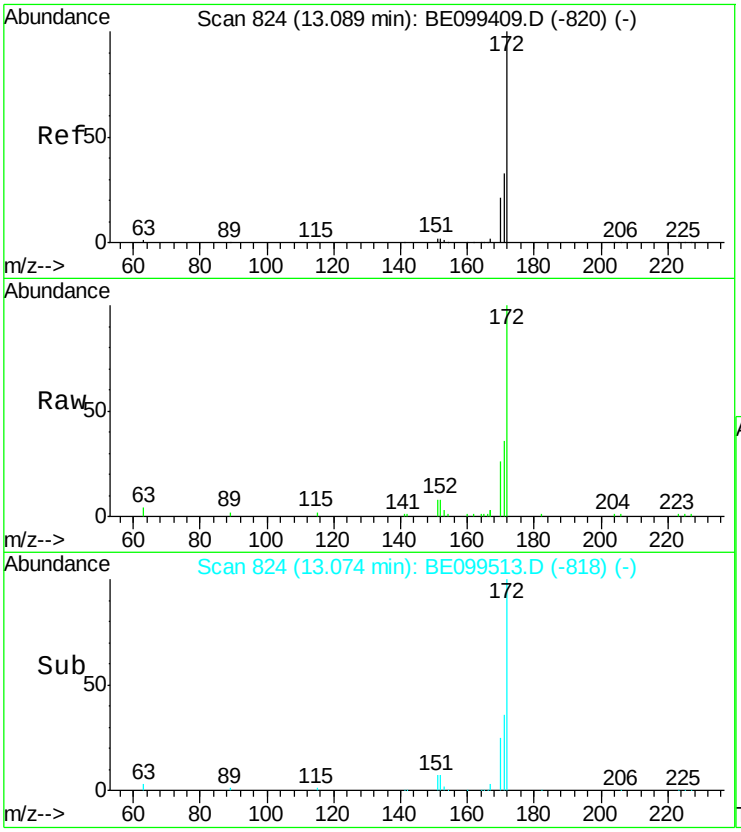


#14
2,4,6-Tribromophenol
Concen: 0.603 ng
RT: 15.94 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:330 Resp: 2294

Ion	Ratio	Lower	Upper
330	100		
332	94.7	71.5	107.3
141	30.2	24.0	36.0



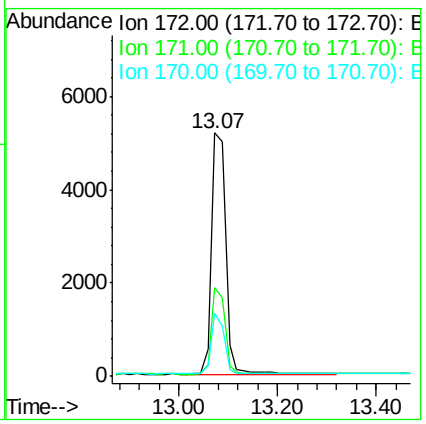


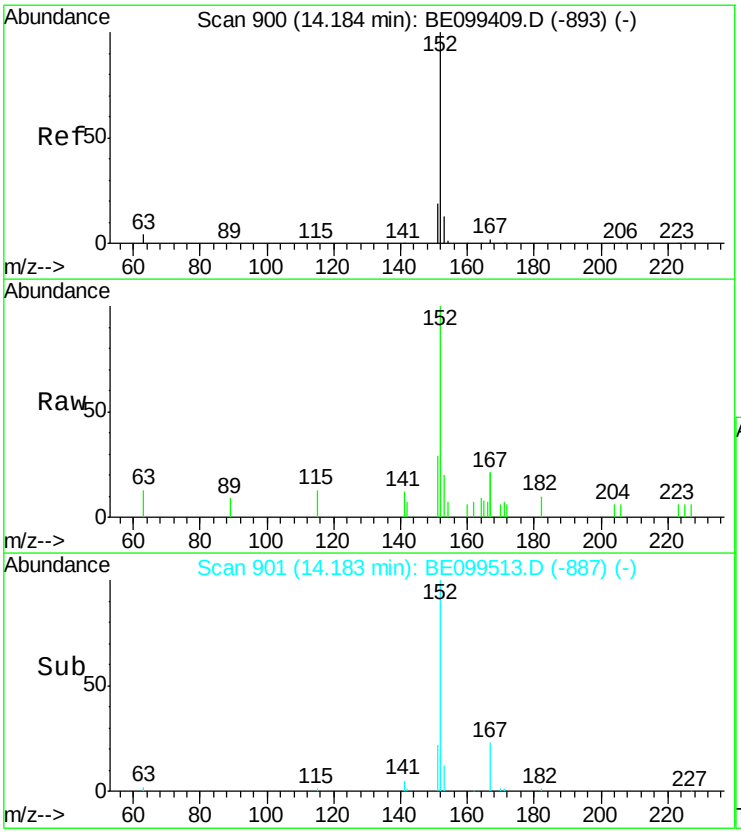
#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.07 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:172 Resp: 10218

Ion	Ratio	Lower	Upper
172	100		
171	36.5	26.6	39.8
170	25.8	17.0	25.6#

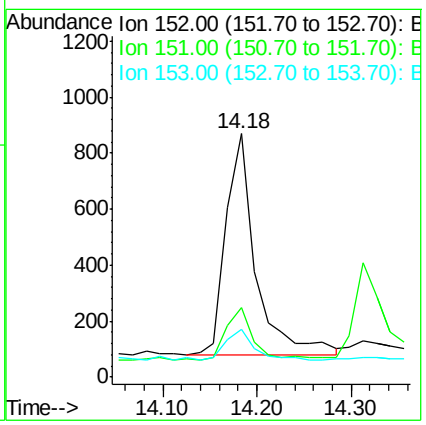


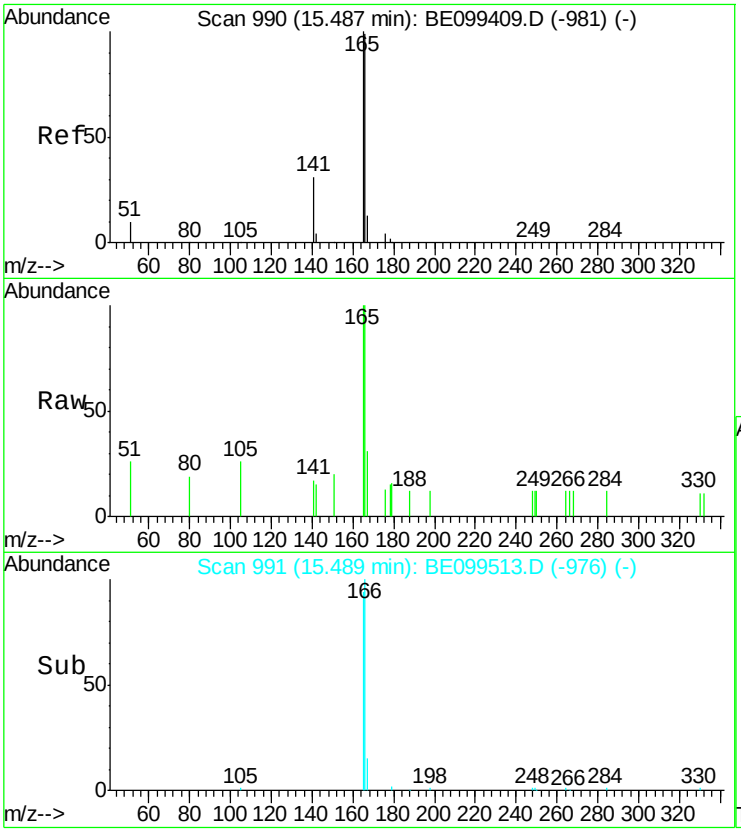


#16
Acenaphthylene
Concen: 0.059 ng
RT: 14.18 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:152 Resp: 1741

Ion	Ratio	Lower	Upper
152	100		
151	21.8	15.4	23.2
153	13.8	9.8	14.6



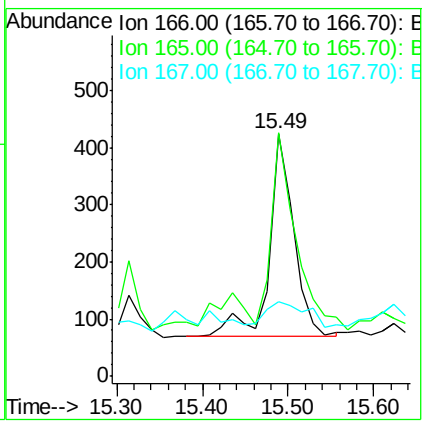


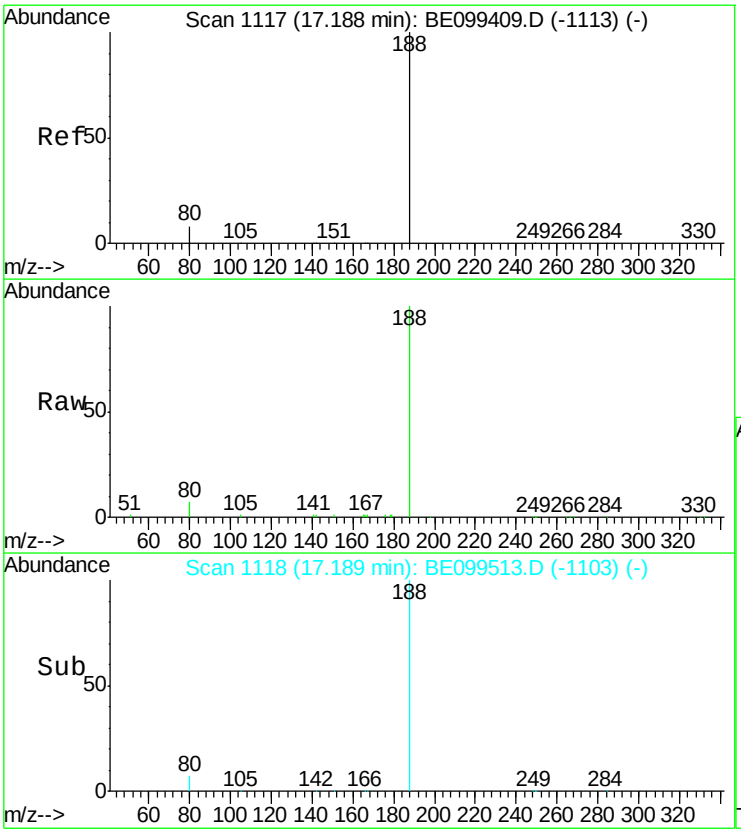
#18
Fluorene
Concen: 0.029 ng
RT: 15.49 min Scan# 991
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:166 Resp: 715

Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.3	120.5
167	21.4	10.7	16.1#

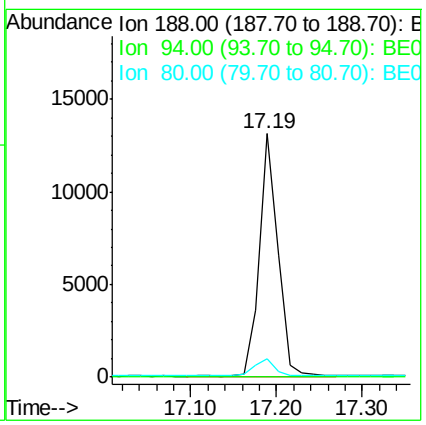


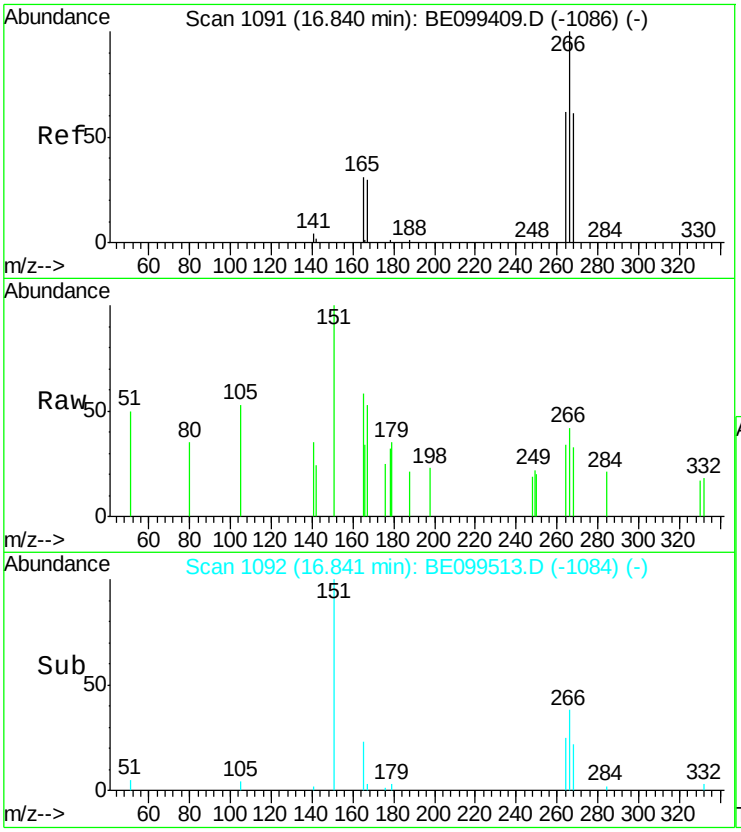


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:188 Resp: 19426

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	6.7	10.1



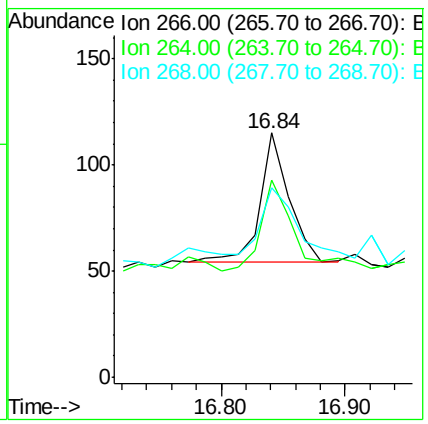


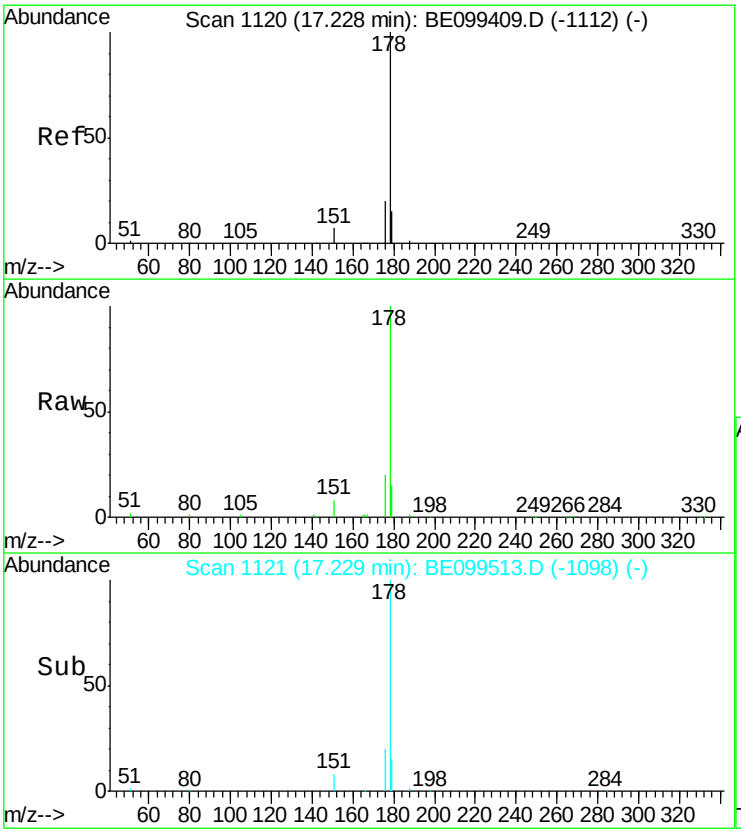
#22
Pentachlorophenol
Concen: 0.232 ng
RT: 16.84 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:266 Resp: 101

Ion	Ratio	Lower	Upper
266	100		
264	80.9	50.8	76.2#
268	77.4	50.5	75.7#

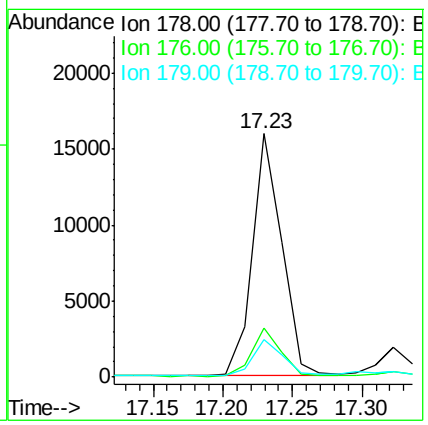


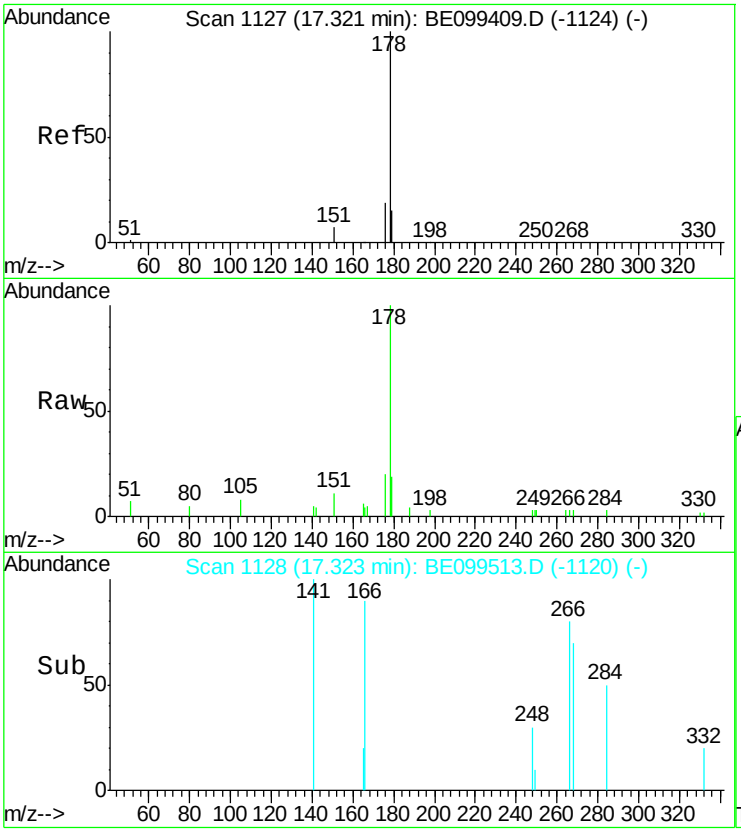


#23
Phenanthrene
Concen: 0.467 ng
RT: 17.23 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:178 Resp: 23410

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.7	12.0	18.0



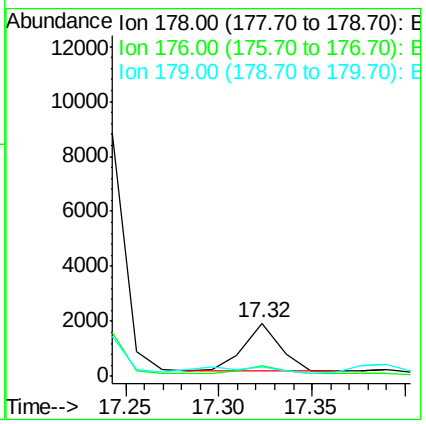


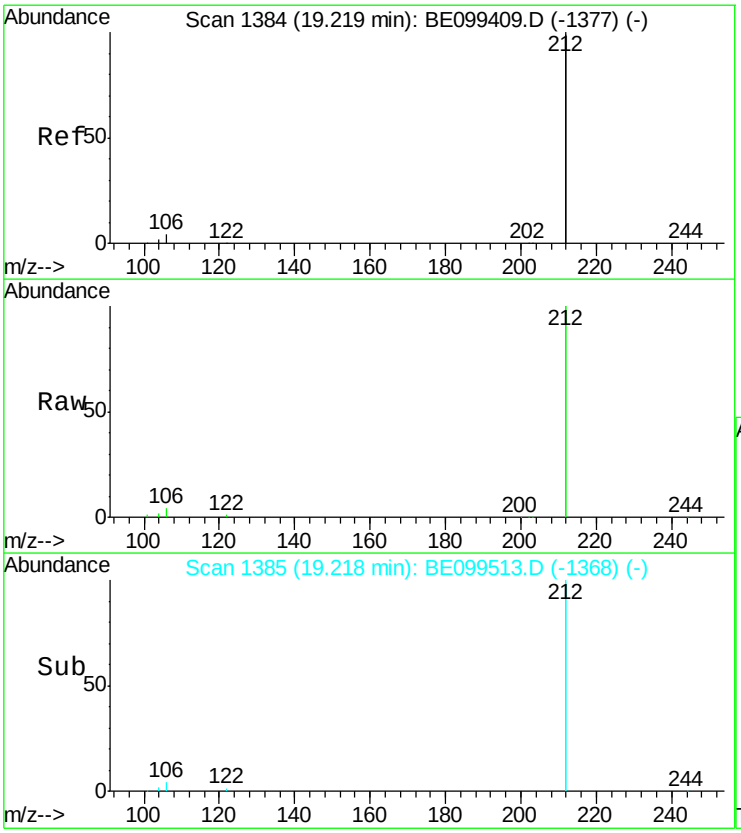
#24
Anthracene
Concen: 0.050 ng
RT: 17.32 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:178 Resp: 2395

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.9	22.3
179	25.8	11.9	17.9#

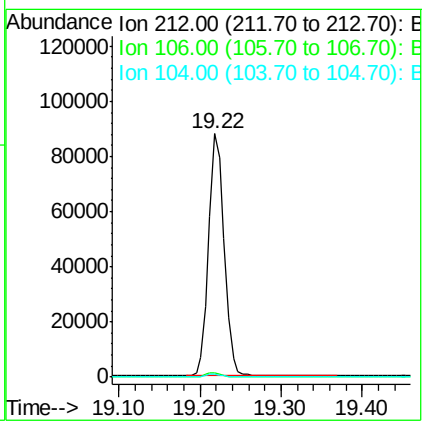


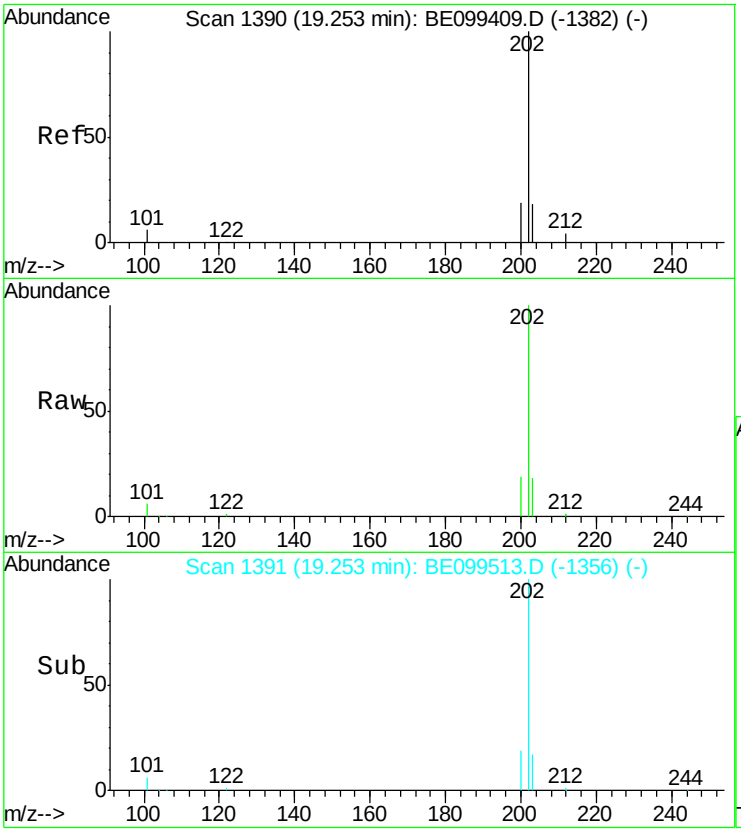


#25
Fluoranthene-d10
Concen: 0.448 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:212 Resp: 117414

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3



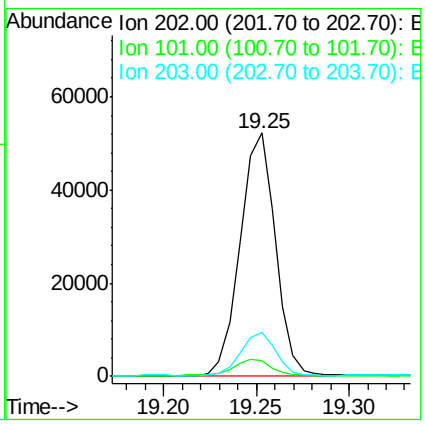


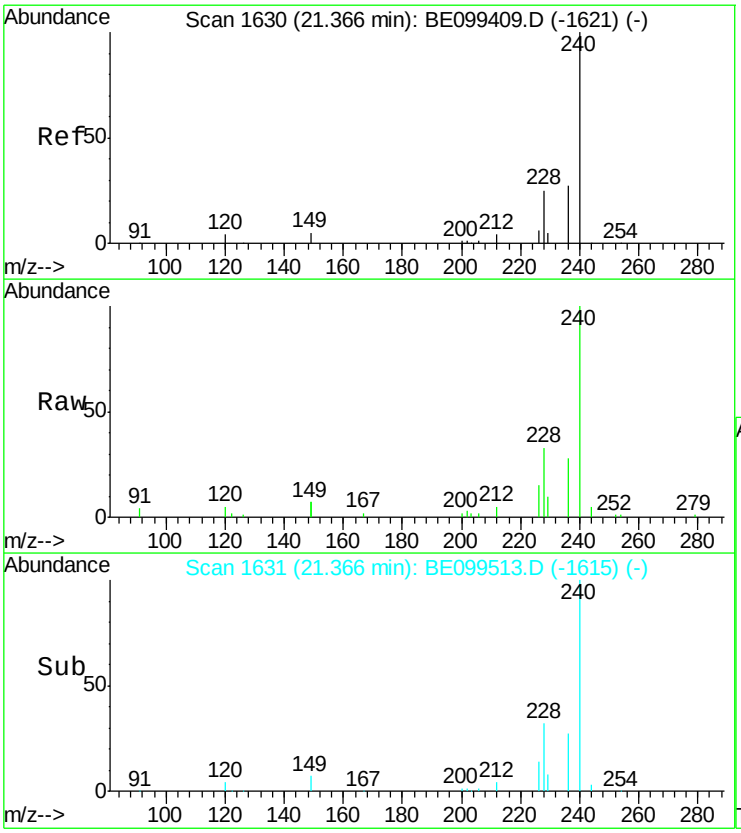
#26
Fluoranthene
Concen: 0.920 ng
RT: 19.25 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:202 Resp: 69049

Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.4	8.0
203	17.6	13.9	20.9

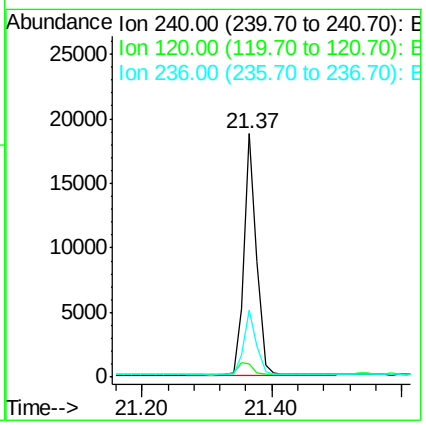


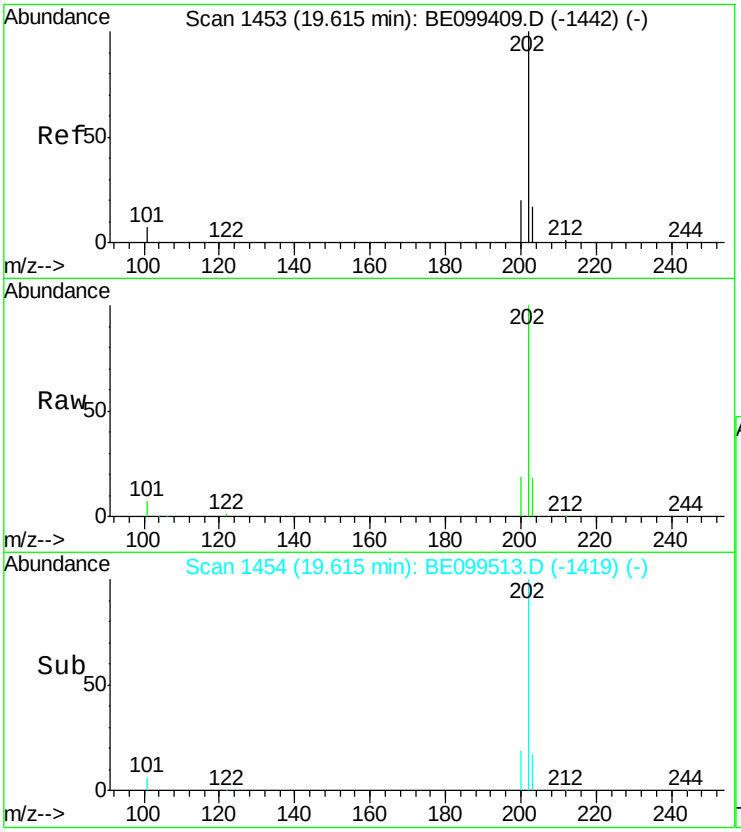


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:240 Resp: 24990

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.0	6.0
236	27.6	22.0	33.0



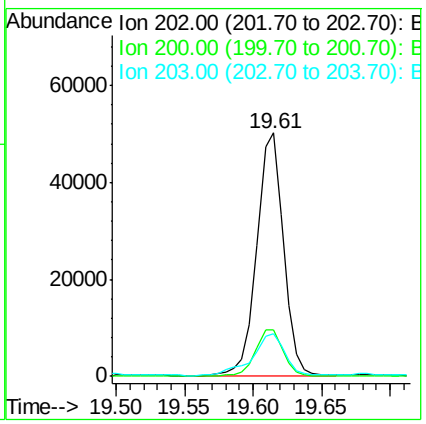


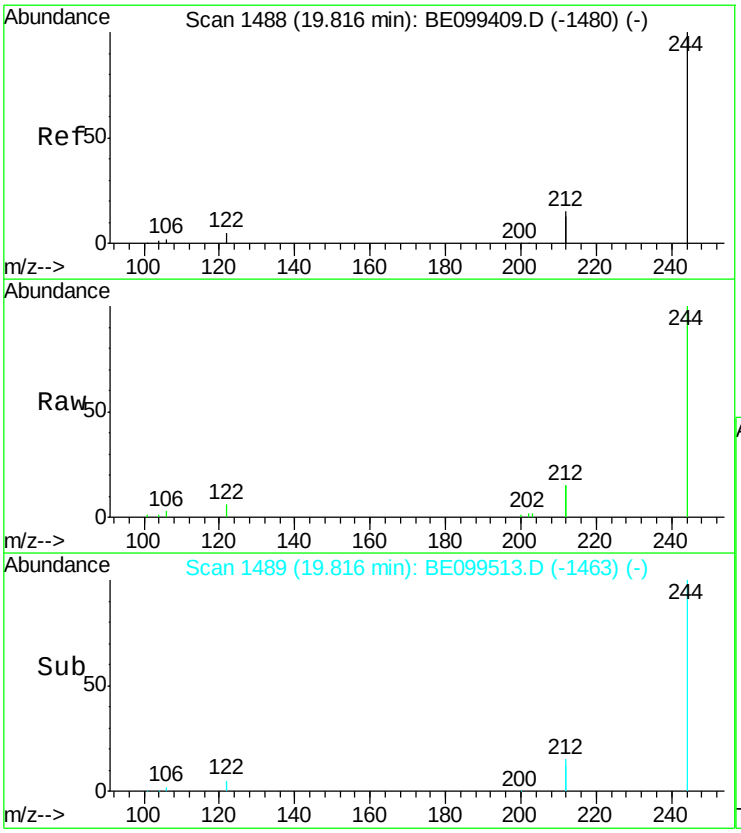
#28
Pyrene
Concen: 1.033 ng
RT: 19.61 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:202 Resp: 67299

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.7	23.5
203	21.0	13.9	20.9#

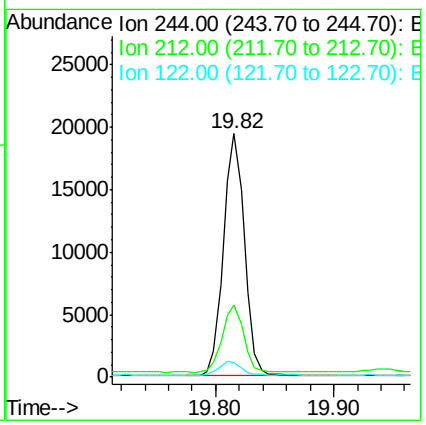


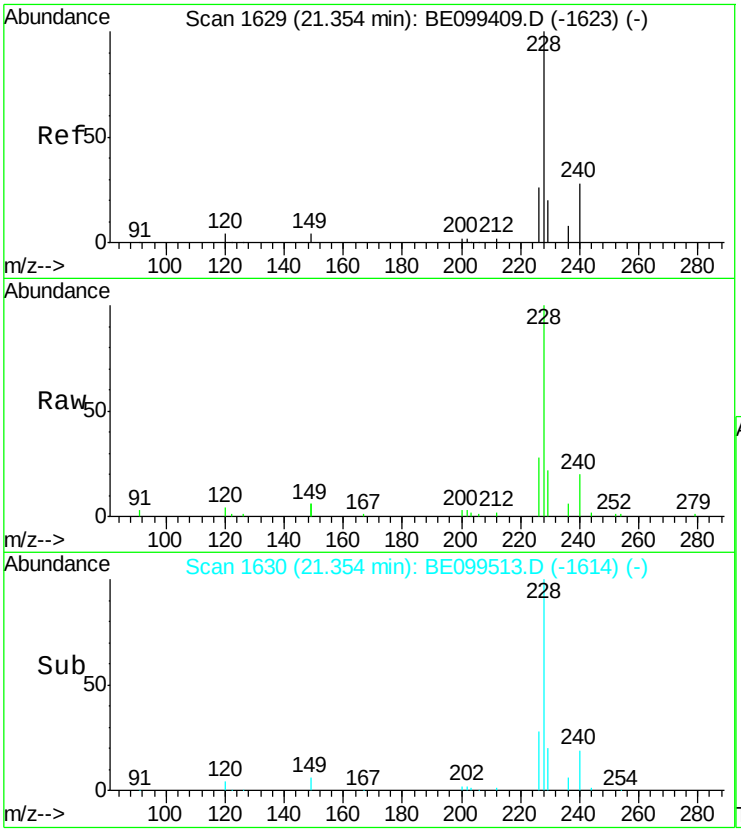


#29
Terphenyl-d14
Concen: 0.520 ng
RT: 19.82 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:244 Resp: 23797

Ion	Ratio	Lower	Upper
244	100		
212	29.8	23.2	34.8
122	6.2	4.2	6.4



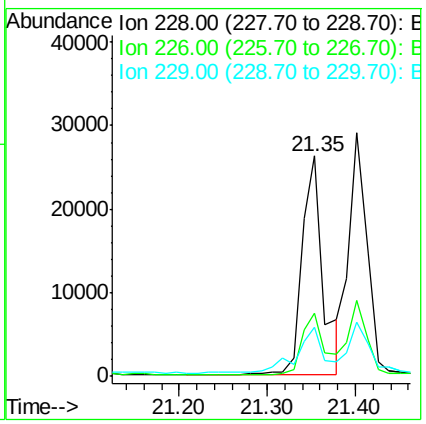


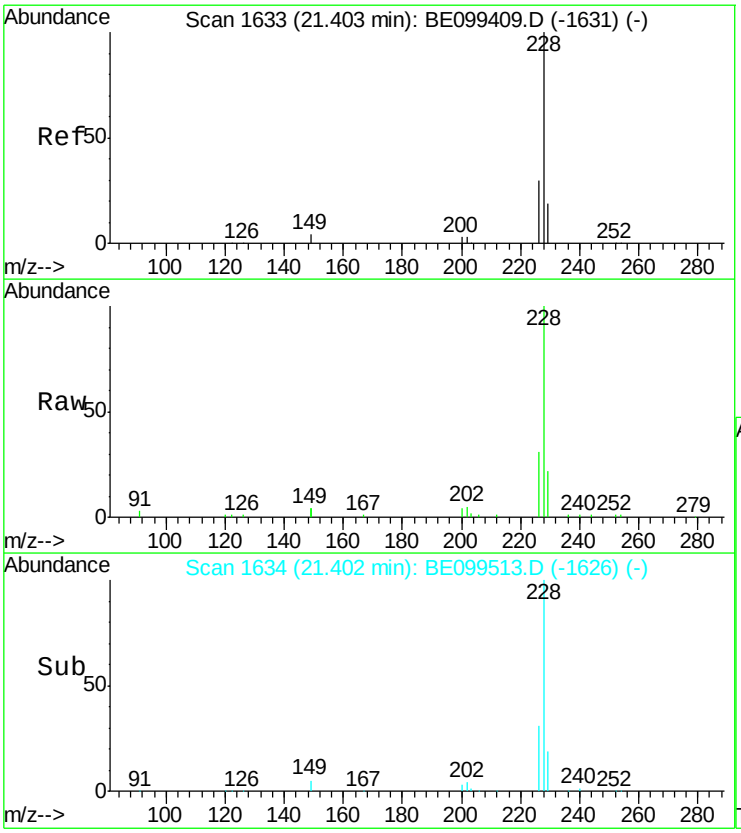
#30
Benzo(a)anthracene
Concen: 0.551 ng
RT: 21.35 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:228 Resp: 43894

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.0	31.6
229	22.2	16.6	25.0

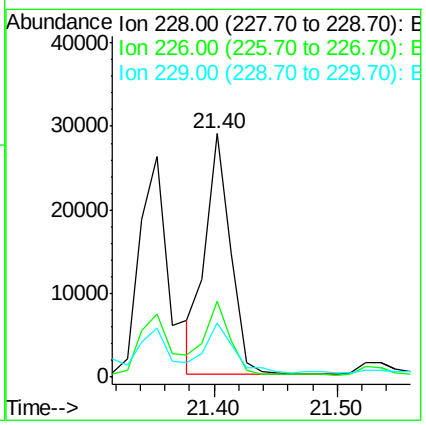


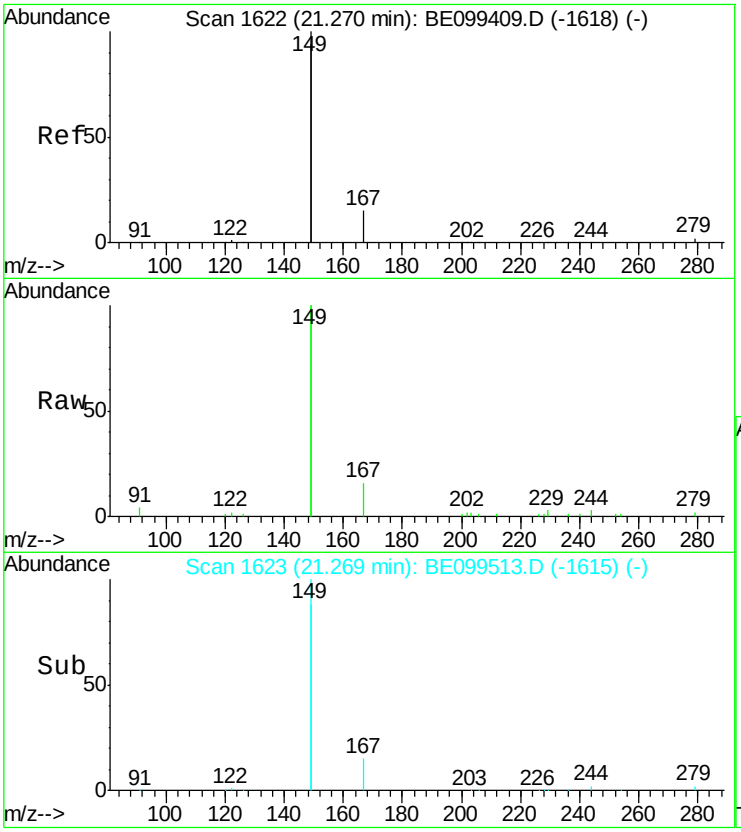


#31
Chrysene
Concen: 0.529 ng
RT: 21.40 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:228 Resp: 41243

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	22.3	15.8	23.8



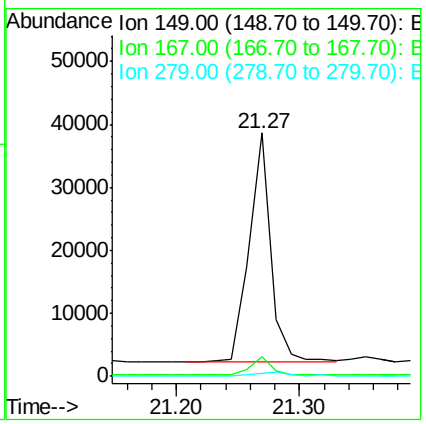


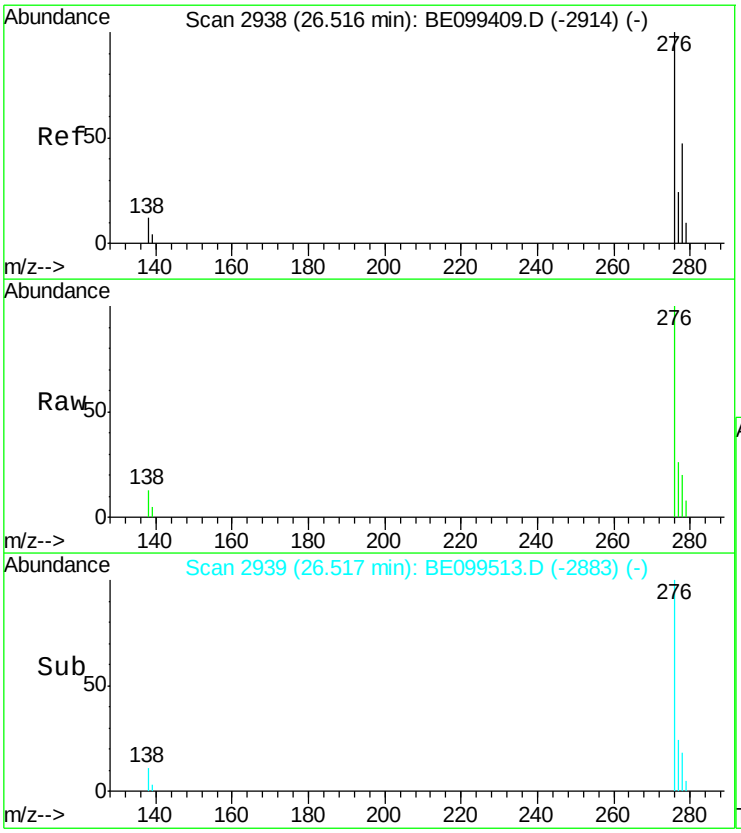
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.325 ng
RT: 21.27 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:149 Resp: 44541

Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.8	8.6
279	1.4	1.0	1.6

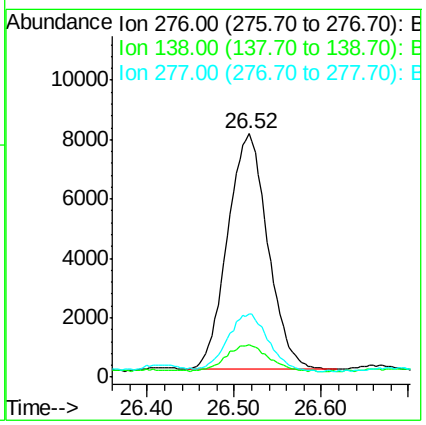


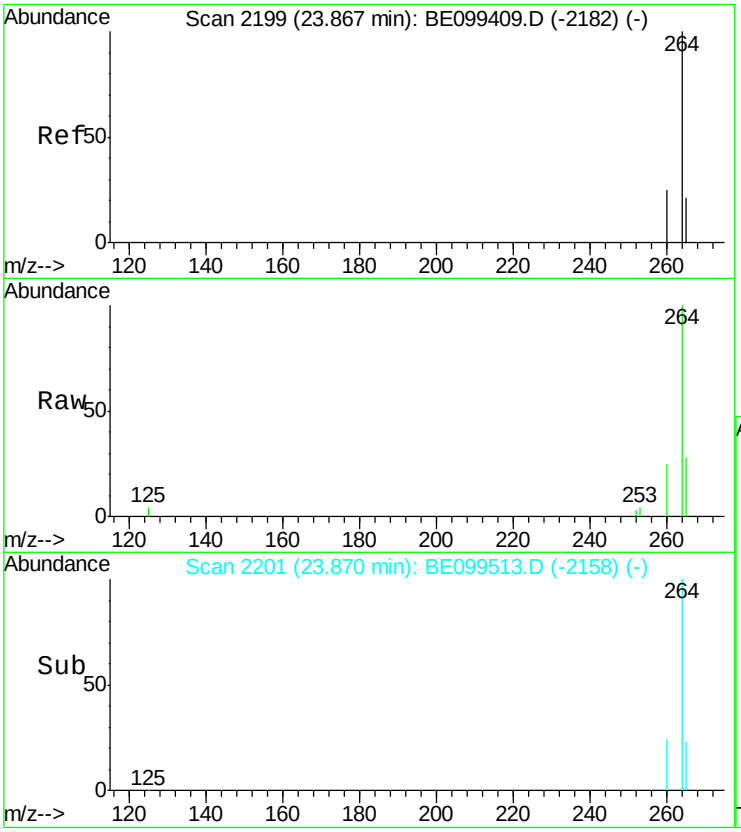


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng
RT: 26.52 min Scan# 2939
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:276 Resp: 25494

Ion	Ratio	Lower	Upper
276	100		
138	12.3	10.2	15.2
277	25.1	19.2	28.8



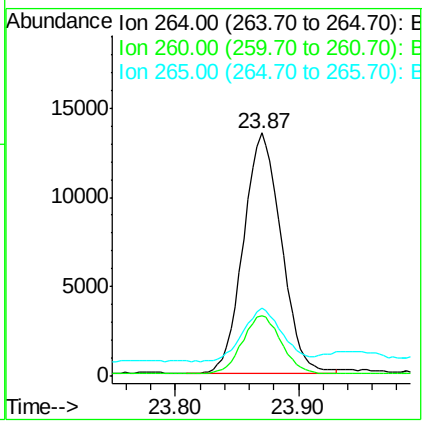


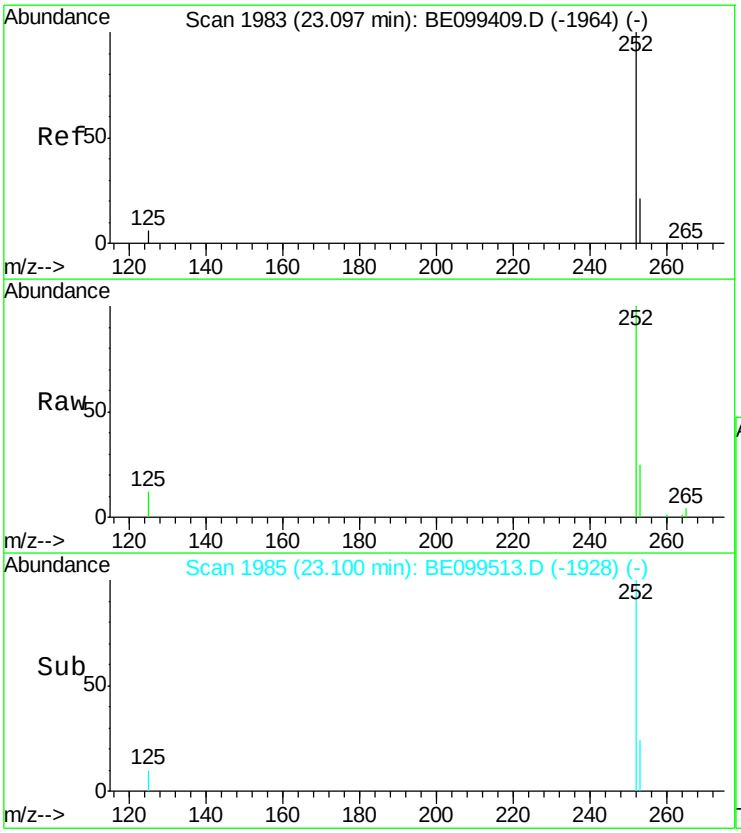
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:264 Resp: 28719

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	27.9	21.3	31.9

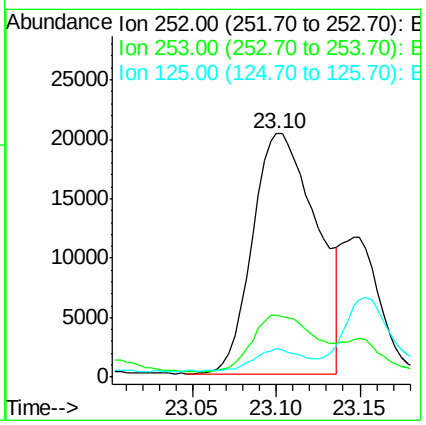


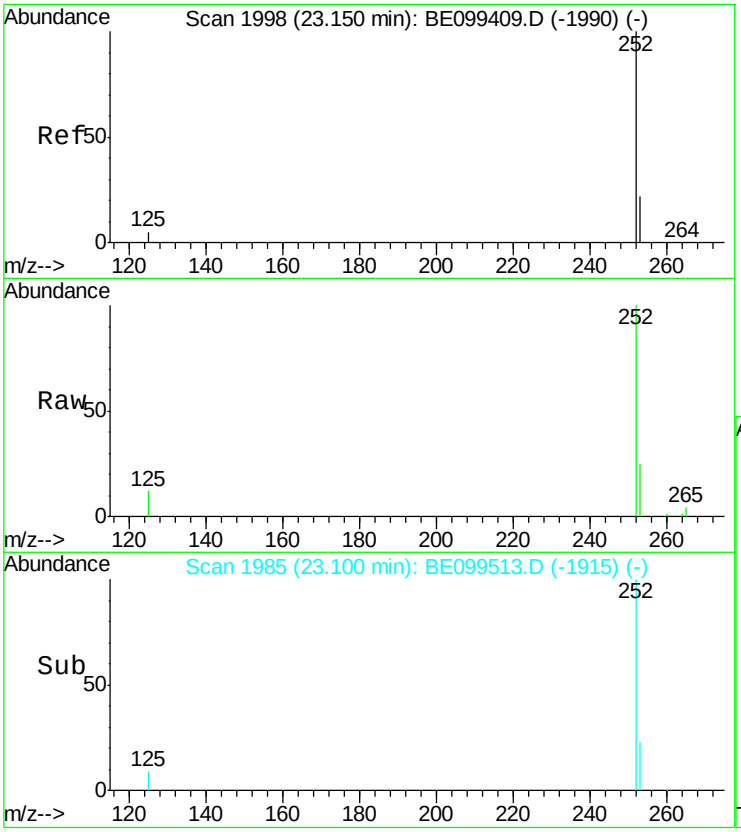


#35
Benzo(b)fluoranthene
Concen: 0.650 ng
RT: 23.10 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:252 Resp: 53864

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	11.6	5.6	8.4#



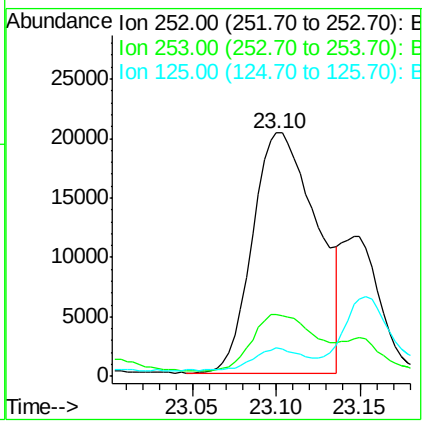


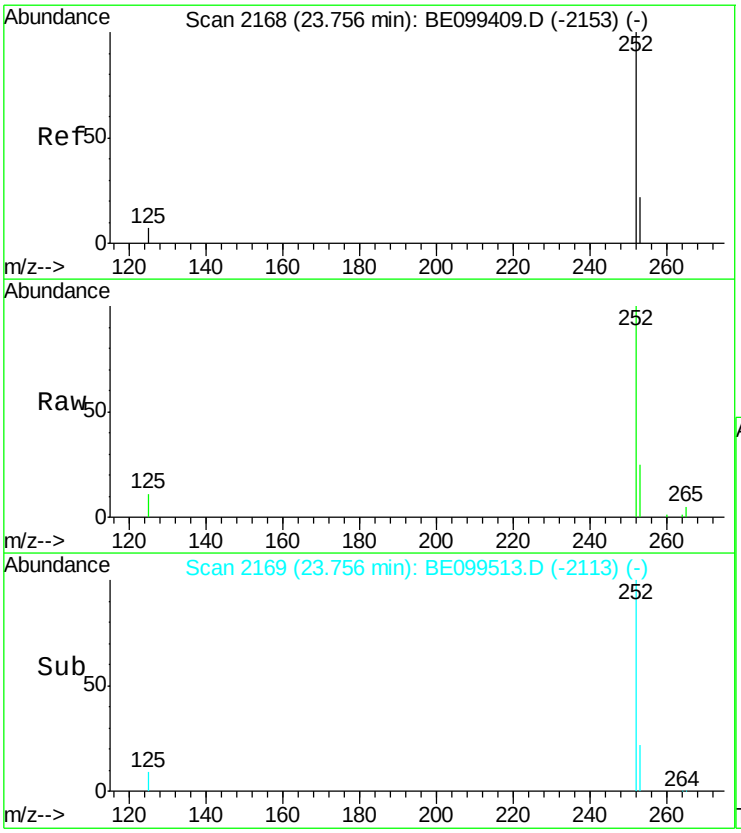
#36
Benzo(k)fluoranthene
Concen: 0.675 ng
RT: 23.10 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:252 Resp: 53864

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	11.6	5.0	7.4#

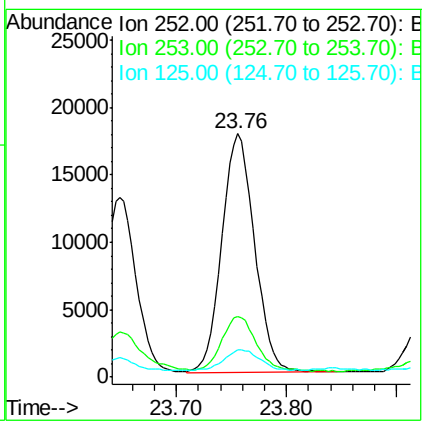


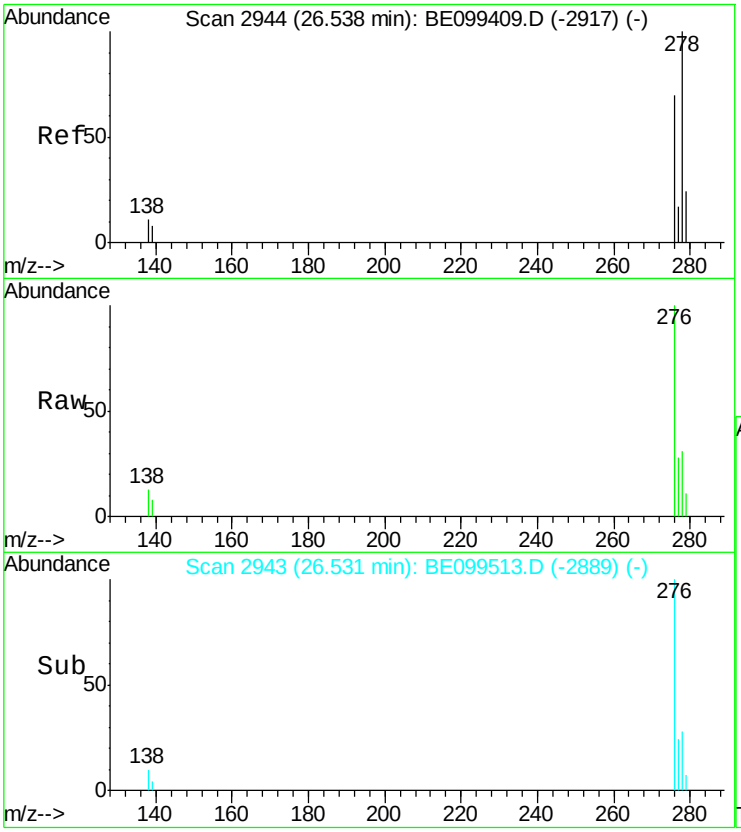


#37
Benzo(a)pyrene
Concen: 0.470 ng
RT: 23.76 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:252 Resp: 36760

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.9	28.3
125	11.1	6.7	10.1#



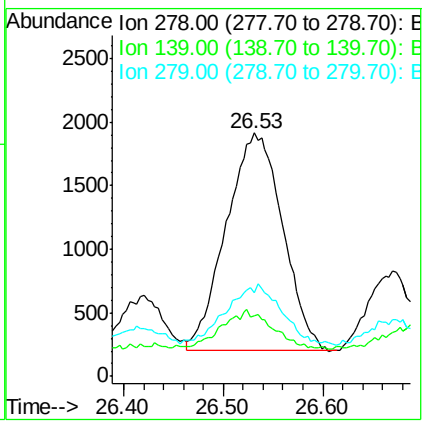


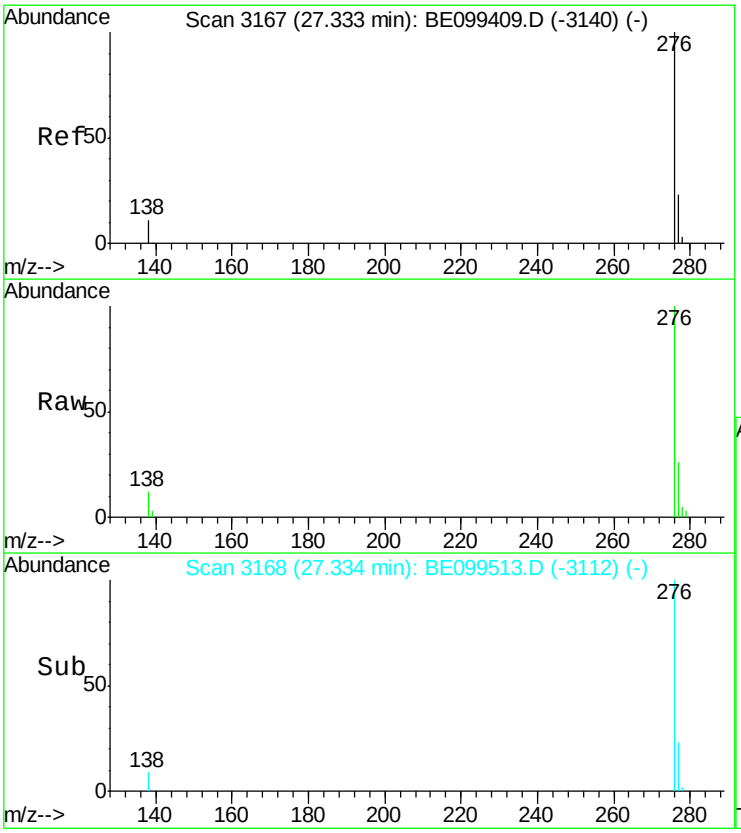
#38
Dibenzo(a,h)anthracene
Concen: 0.084 ng
RT: 26.53 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Instrument :
BNA_E
ClientSampleId :
PST-001-B012-042519

Tgt Ion:278 Resp: 6703

Ion	Ratio	Lower	Upper
278	100		
139	24.7	7.7	11.5#
279	34.6	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.314 ng
RT: 27.33 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BE099513.D
Acq: 3 May 2019 3:45

Tgt Ion:276 Resp: 25159

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.5	29.3
138	12.1	9.6	14.4