Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100132.D
Acq On : 21 Jun 2019 12:40
Operator : JU/SJ
Sample : K3428-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-084-B045-061319

Quant Time: Jun 22 02:01:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	428	0.40	ng		0.00
7) Naphthalene-d8	10.56	136	1501	0.40	ng		0.03
13) Acenaphthene-d10	14.41	164	1706	0.40	ng		0.00
19) Phenanthrene-d10	17.16	188	5749	0.40	ng		0.00
27) Chrysene-d12	21.34	240	7022	0.40	ng		0.00
34) Perylene-d12	23.84	264	7020	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	111	0.12	ng		0.01
5) Phenol-d6	6.93	99	463	0.38	ng		0.00
8) Nitrobenzene-d5	8.97	82	394	0.27	ng		0.05
11) 2-Methylnaphthalene-d10	12.20	152	78	0.03	ng		0.04
14) 2,4,6-Tribromophenol	15.94	330	145	0.15	ng		0.03
15) 2-Fluorobiphenyl	13.06	172	1722	0.26	ng		0.02
25) Fluoranthene-d10	19.20	212	1603	0.02	ng		0.00
29) Terphenyl-d14	19.79	244	4946	0.35	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.63	42	10	0.363	ng	#	100
6) bis(2-Chloroethyl)ether	7.21	93	2	0.035	ng	#	1
9) Naphthalene	10.61	128	355	0.022	ng	#	58
16) Acenaphthylene	14.14	152	370	0.046	ng	#	97
18) Fluorene	15.47	166	177	0.026	ng	#	96
22) Pentachlorophenol	16.92	266	76	0.304	ng		98
23) Phenanthrene	17.20	178	3640	0.264	ng		99
24) Anthracene	17.31	178	567	0.049	ng	#	91
26) Fluoranthene	19.22	202	6666	0.301	ng		99
28) Pyrene	19.59	202	7232	0.401	ng		98
30) Benzo(a)anthracene	21.33	228	3851	0.184	ng		95
31) Chrysene	21.38	228	4720	0.194	ng		97
32) Bis(2-ethylhexyl)phthalate	21.25	149	11739	0.596	ng		99
33) Indeno(1,2,3-cd)pyrene	26.50	276	2597	0.095	ng	#	75
35) Benzo(b)fluoranthene	23.08	252	3647	0.177	ng	#	82
36) Benzo(k)fluoranthene	23.08	252	3647	0.156	ng	#	82
37) Benzo(a)pyrene	23.73	252	2777	0.140	ng	#	74
38) Dibenzo(a,h)anthracene	26.52	278	1445	0.071	ng	#	71
39) Benzo(g,h,i)perylene	27.30	276	2521	0.119	ng	#	89

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

Quantitation Report (Not Reviewed)

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PST-084-B045-061319

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
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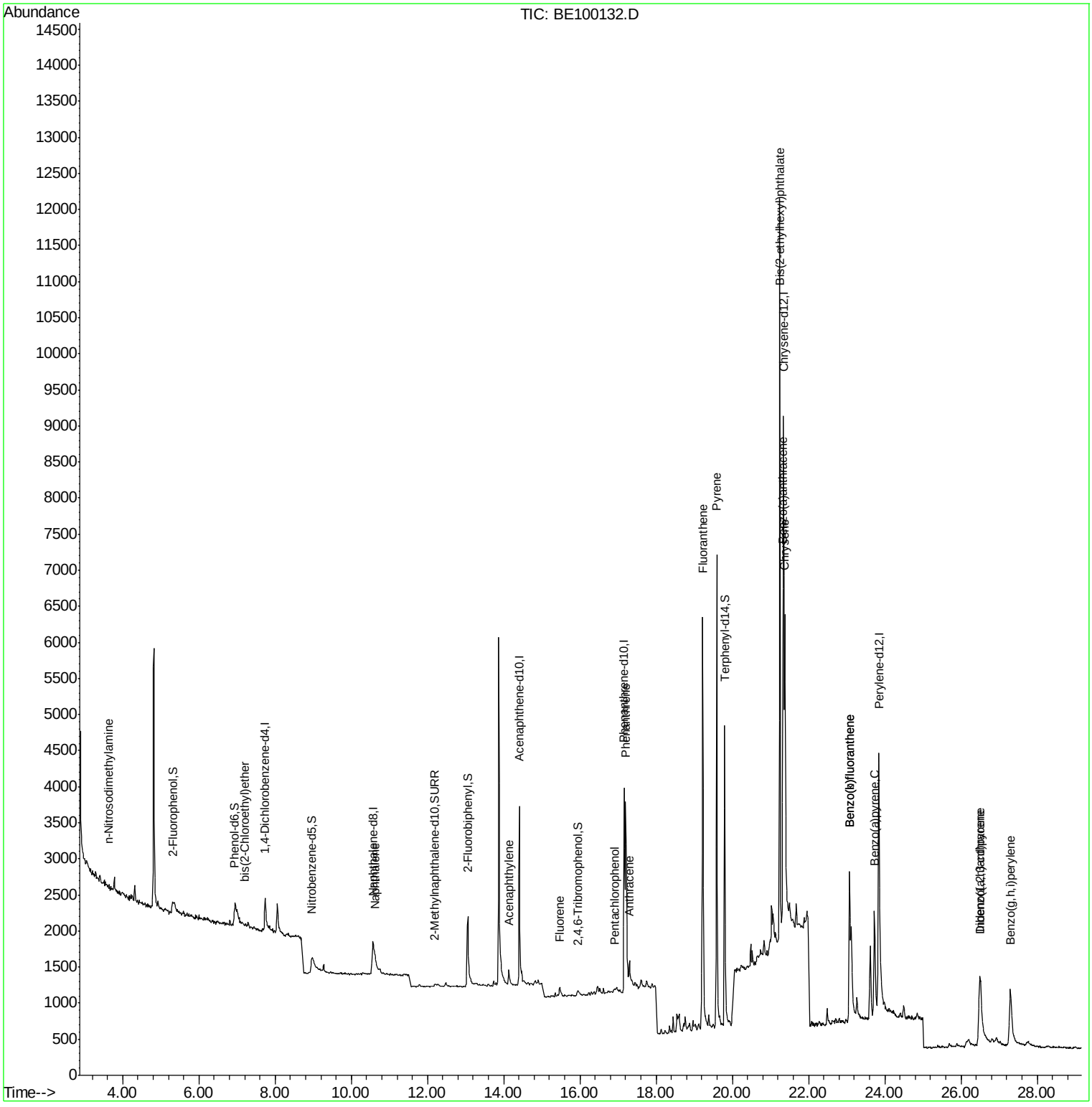
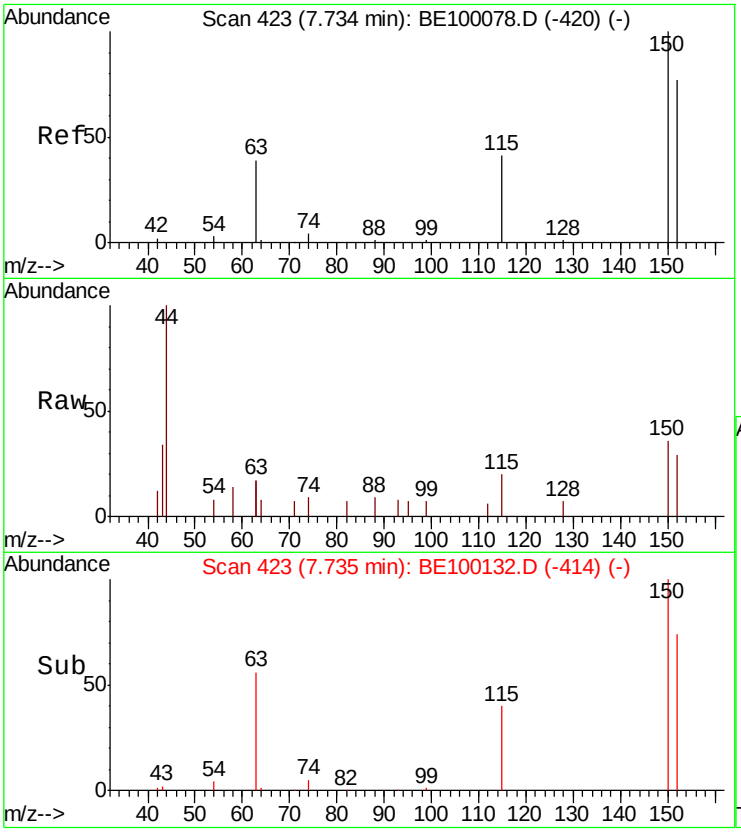


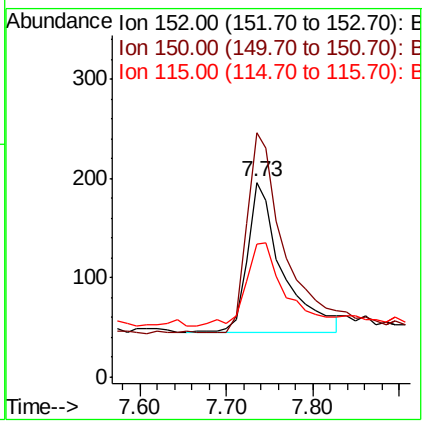


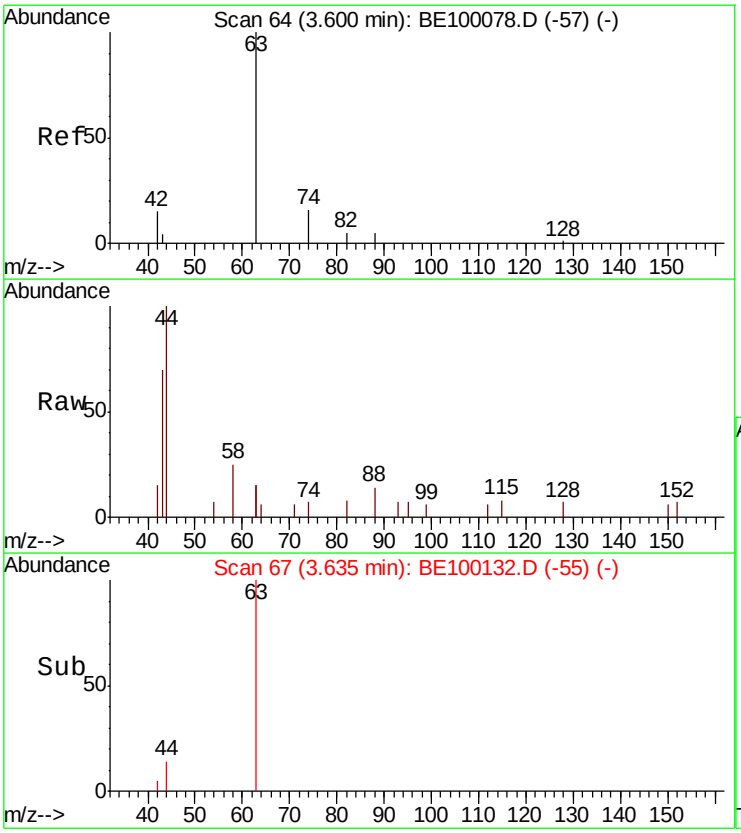
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:152 Resp: 428

Ion	Ratio	Lower	Upper
152	100		
150	125.5	99.8	149.8
115	68.4	51.3	76.9

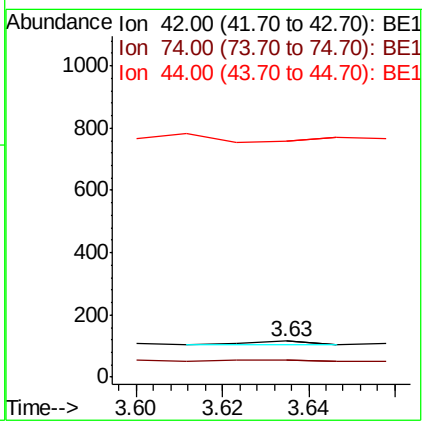


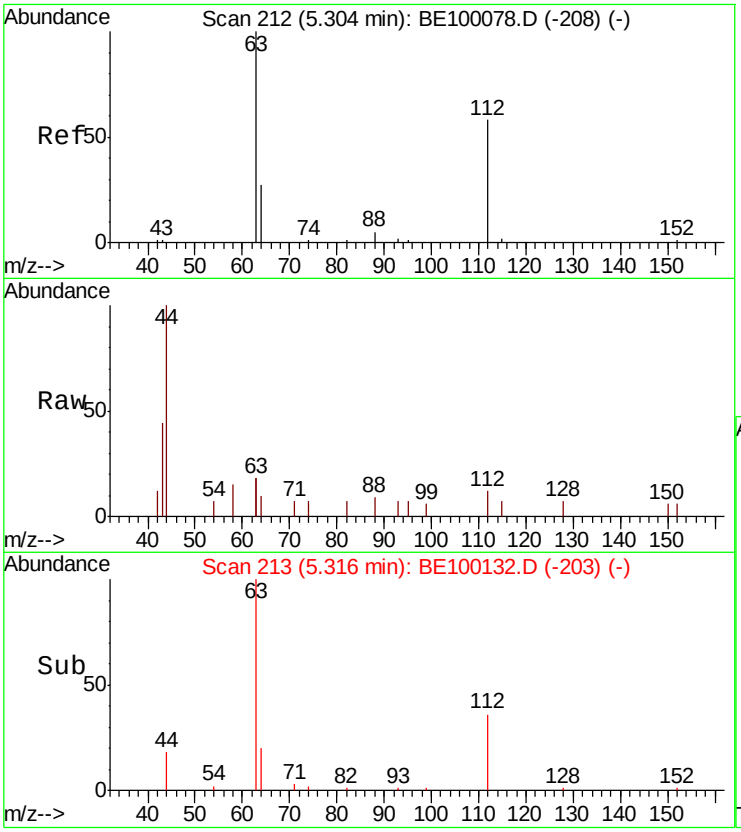


#3
n-Nitrosodimethylamine
Concen: 0.363 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.04 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	180.0	0.0	0.0#



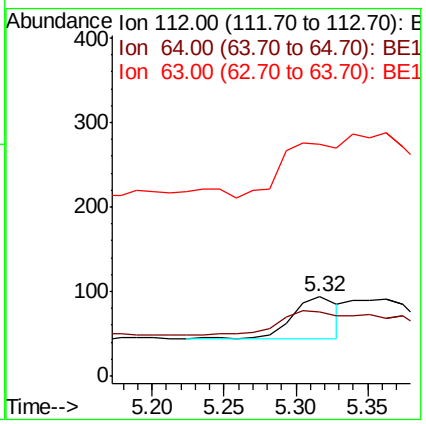


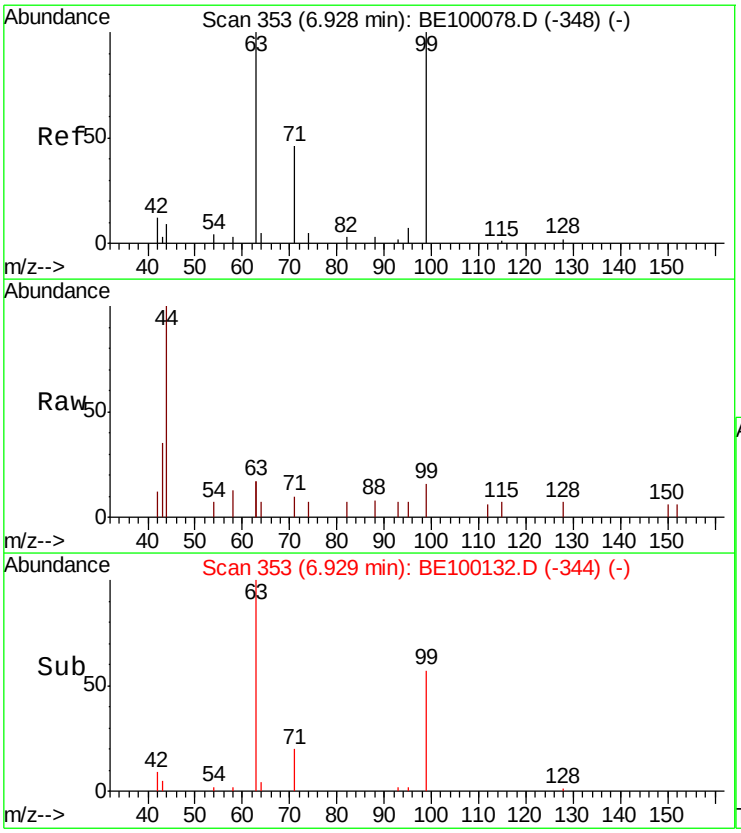
#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.32 min Scan# 213
Delta R.T. 0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:112 Resp: 111

Ion	Ratio	Lower	Upper
112	100		
64	171.2	22.0	33.0#
63	0.0	121.8	182.6#

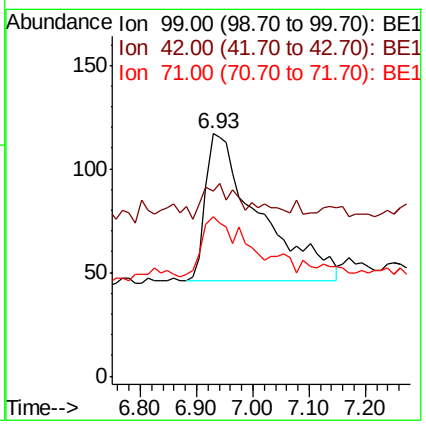


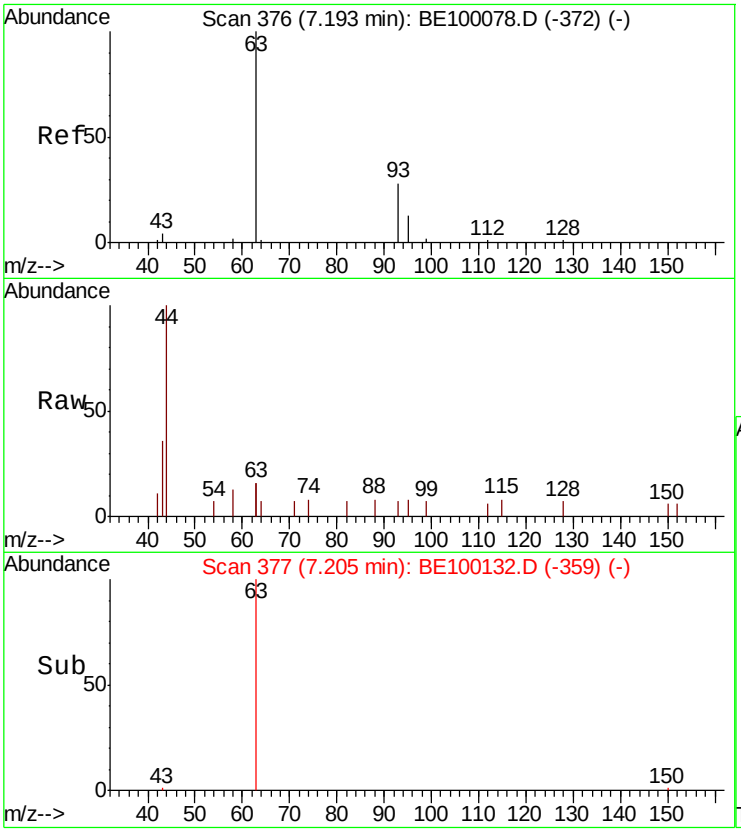


#5
Phenol-d6
Concen: 0.380 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion: 99 Resp: 463

Ion	Ratio	Lower	Upper
99	100		
42	13.2	0.0	0.0#
71	31.1	37.6	56.4#



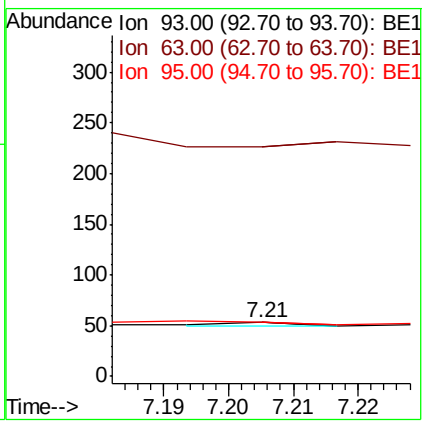


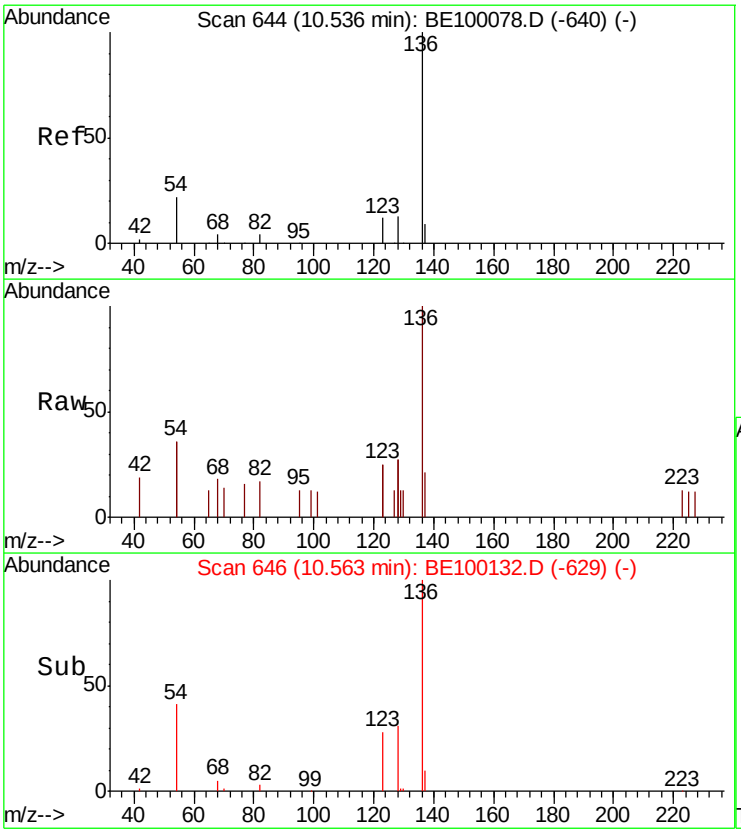
#6
bis(2-Chloroethyl)ether
Concen: 0.035 ng
RT: 7.21 min Scan# 377
Delta R.T. 0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion: 93 Resp: 2

Ion	Ratio	Lower	Upper
93	100		
63	1100.0	200.0	300.0#
95	0.0	24.0	36.0#

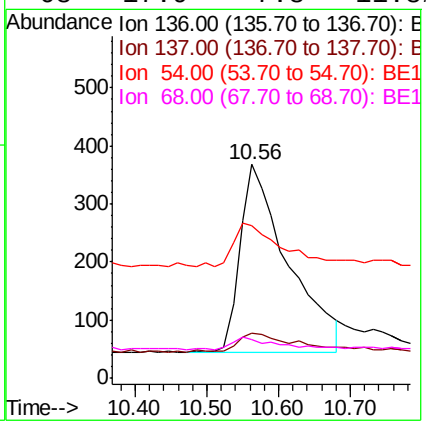


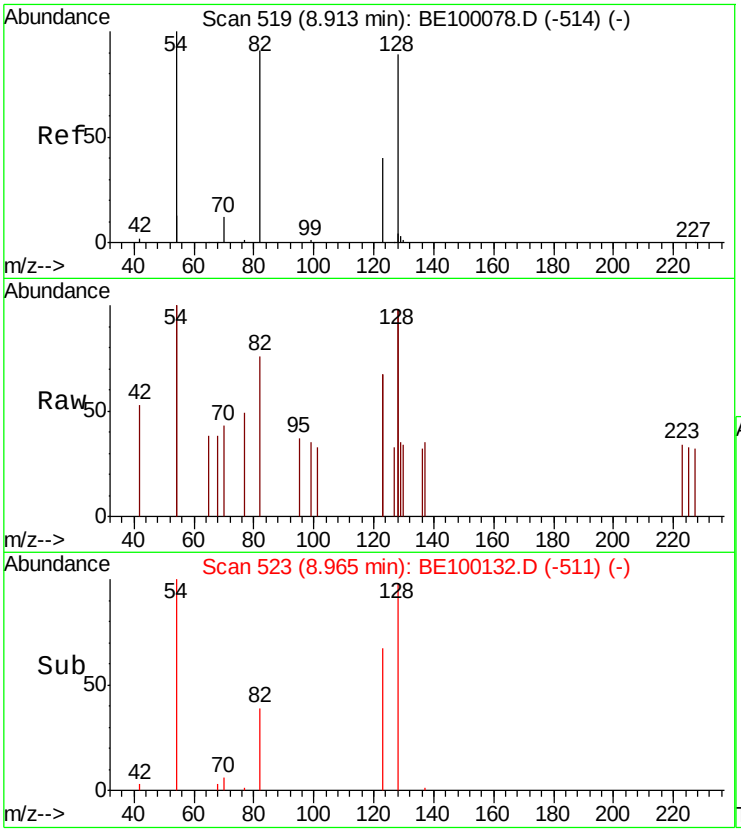


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.56 min Scan# 646
Delta R.T. 0.03 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:136 Resp: 1501

Ion	Ratio	Lower	Upper
136	100		
137	21.2	11.6	17.4#
54	71.2	33.9	50.9#
68	17.9	7.8	11.8#



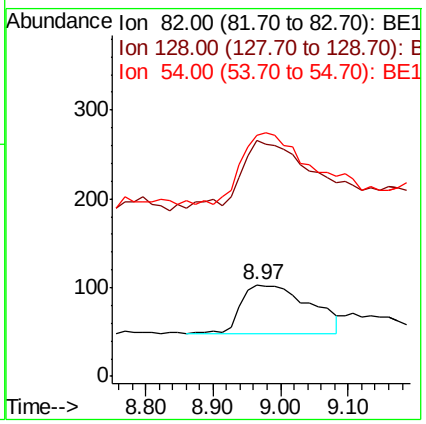


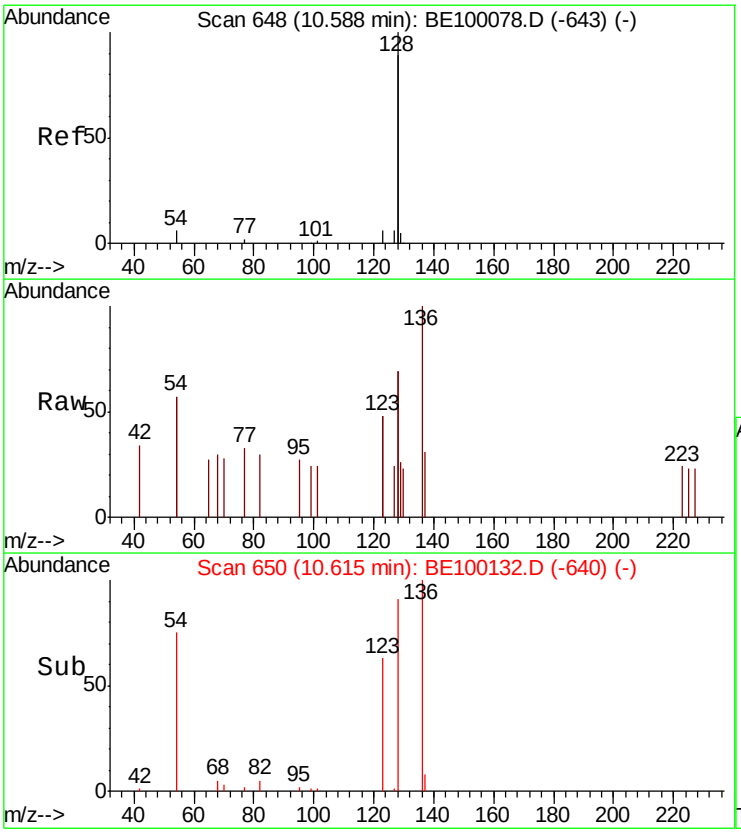
#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.97 min Scan# 523
Delta R.T. 0.05 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion: 82 Resp: 394

Ion	Ratio	Lower	Upper
82	100		
128	258.3	128.0	192.0#
54	264.1	143.4	215.0#

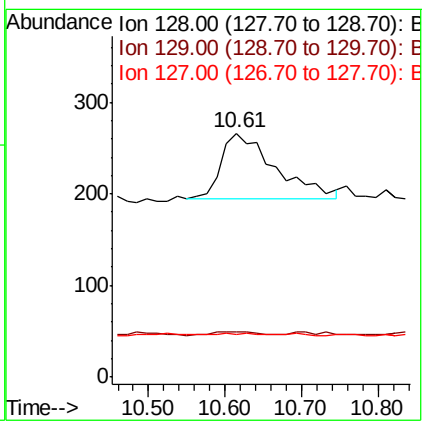


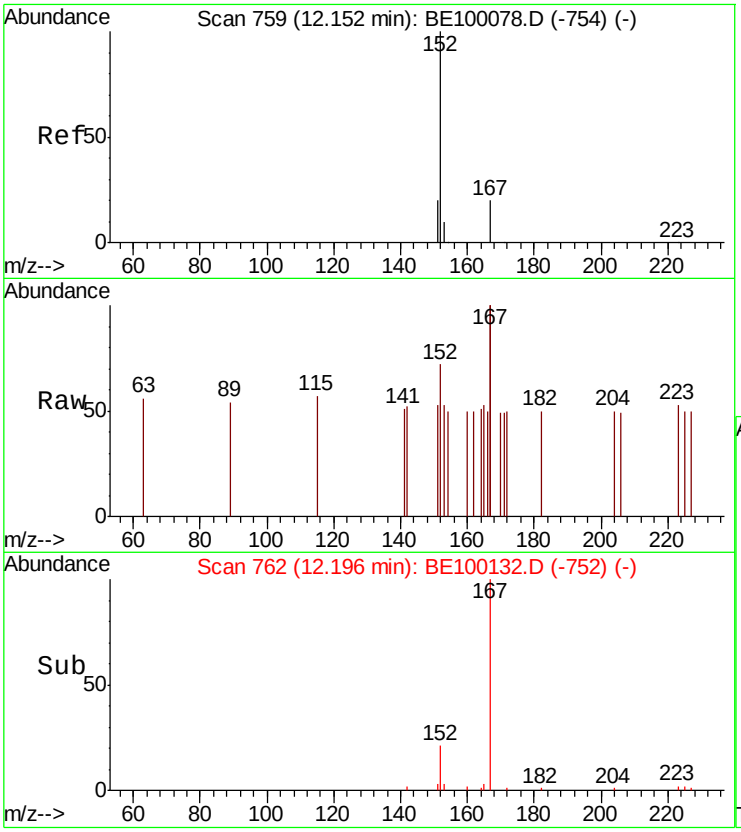


#9
Naphthalene
Concen: 0.022 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.03 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:128 Resp: 355

Ion	Ratio	Lower	Upper
128	100		
129	18.4	3.1	4.7#
127	17.7	3.4	5.2#



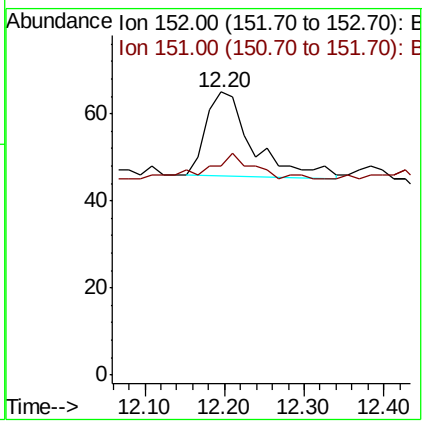


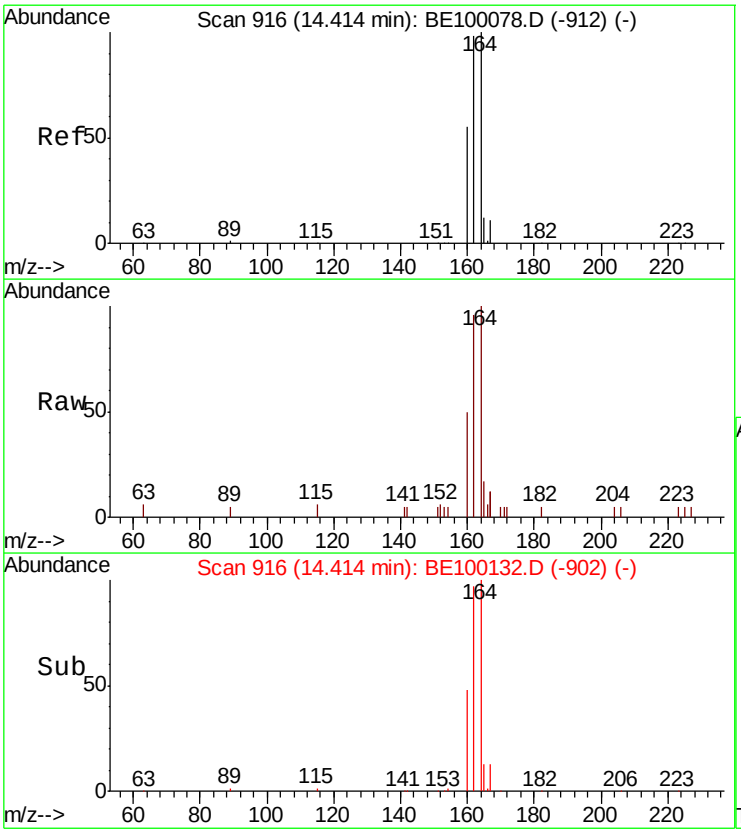
#11
2-Methylnaphthalene-d10
Concen: 0.027 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.04 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:152 Resp: 78

Ion	Ratio	Lower	Upper
152	100		
151	28.2	16.3	24.5#

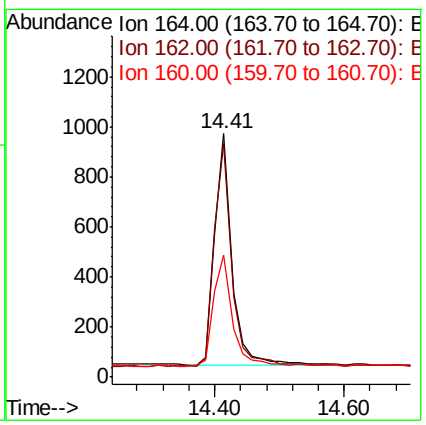


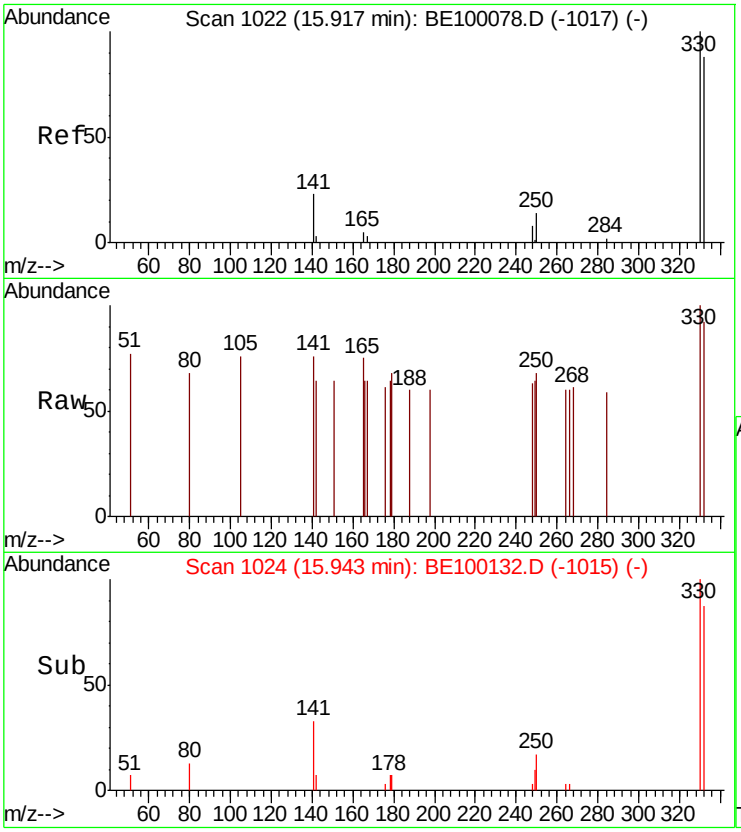


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:164 Resp: 1706

Ion	Ratio	Lower	Upper
164	100		
162	95.9	78.2	117.2
160	50.2	45.6	68.4



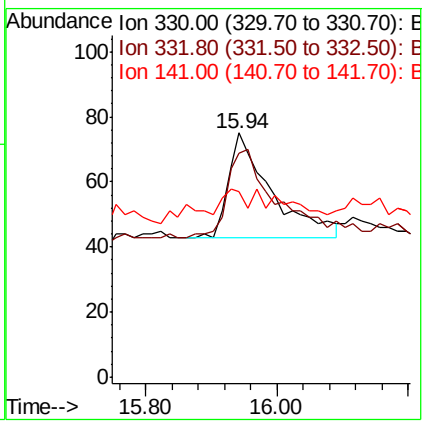


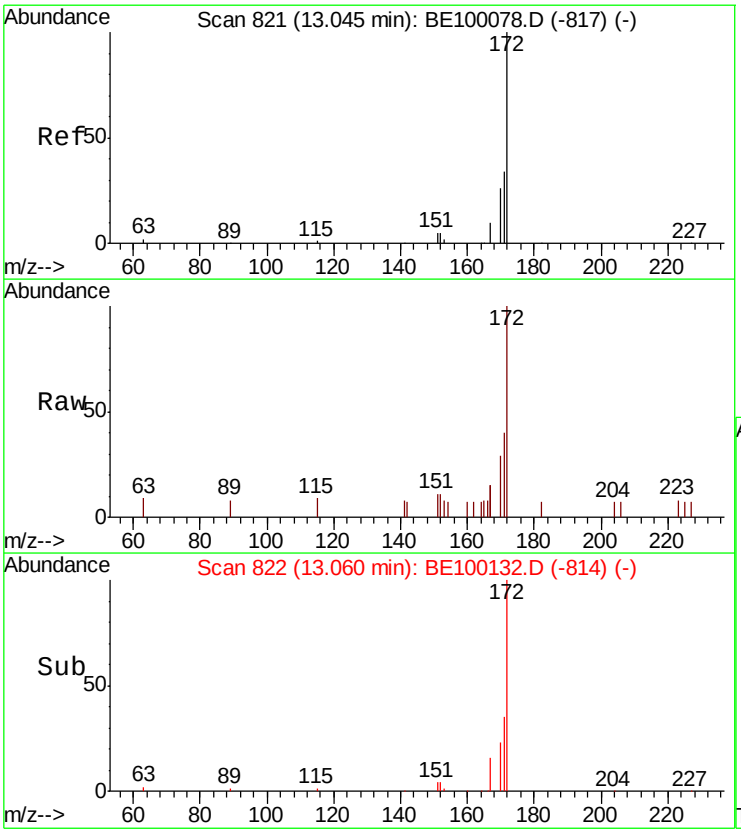
#14
2,4,6-Tribromophenol
Concen: 0.154 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.03 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:330 Resp: 145

Ion	Ratio	Lower	Upper
330	100		
332	100.7	73.3	109.9
141	0.0	22.2	33.2#

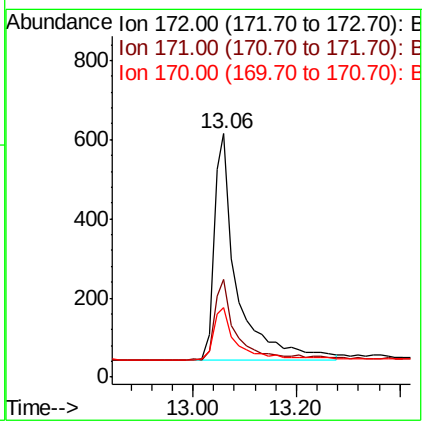


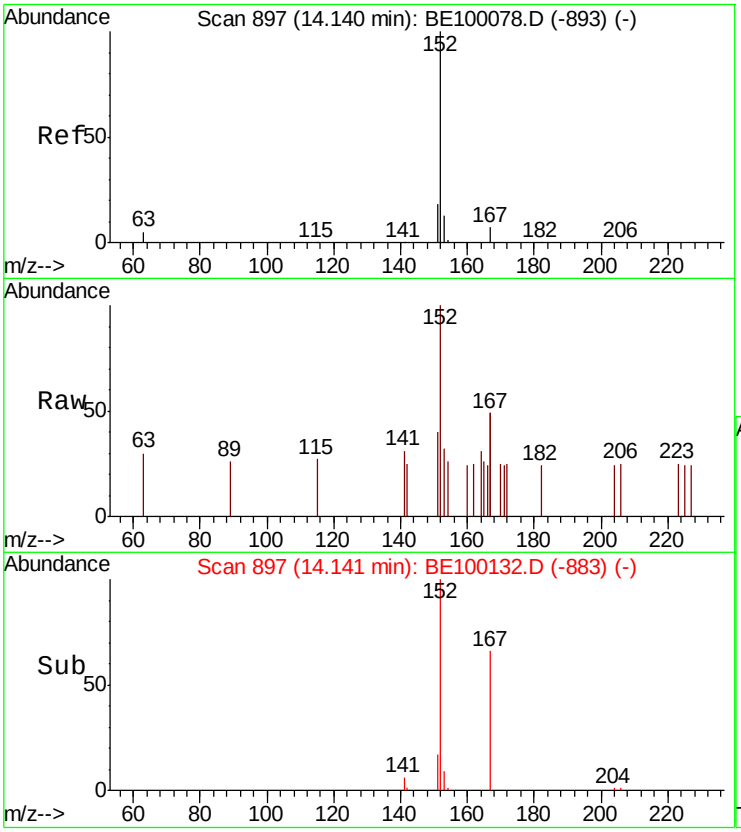


#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 13.06 min Scan# 822
Delta R.T. 0.02 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:172 Resp: 1722

Ion	Ratio	Lower	Upper
172	100		
171	40.2	29.8	44.8
170	28.6	23.2	34.8



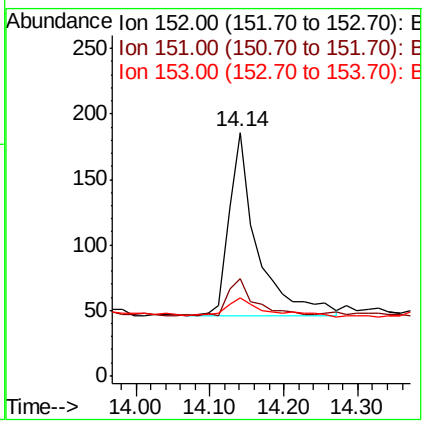


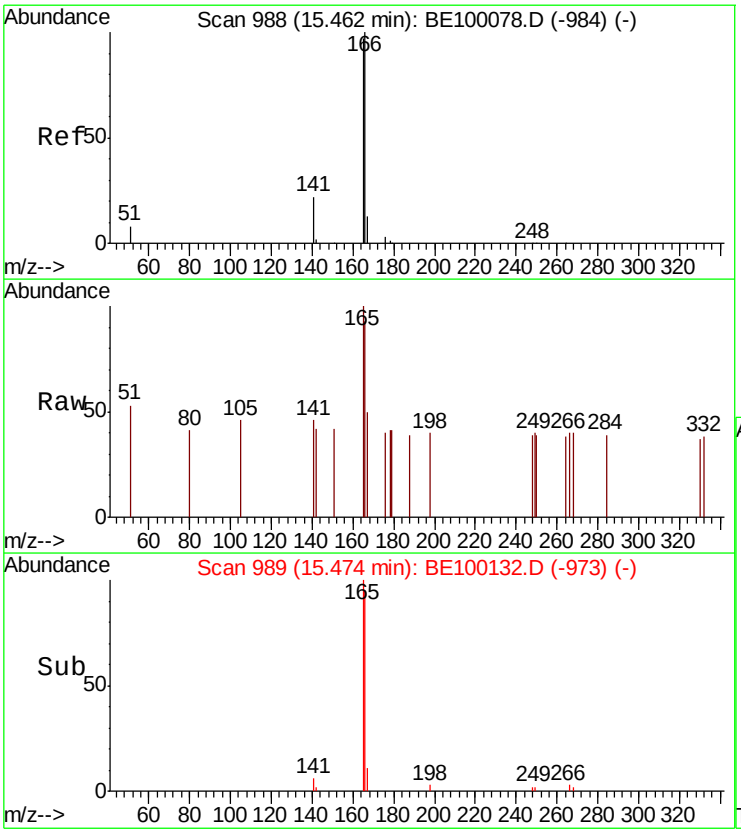
#16
Acenaphthylene
Concen: 0.046 ng
RT: 14.14 min Scan# 897
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:152 Resp: 370

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	15.4	10.1	15.1#

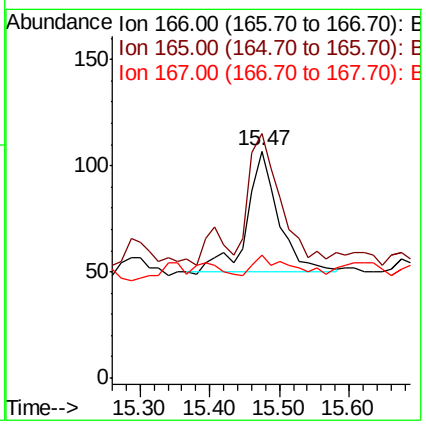


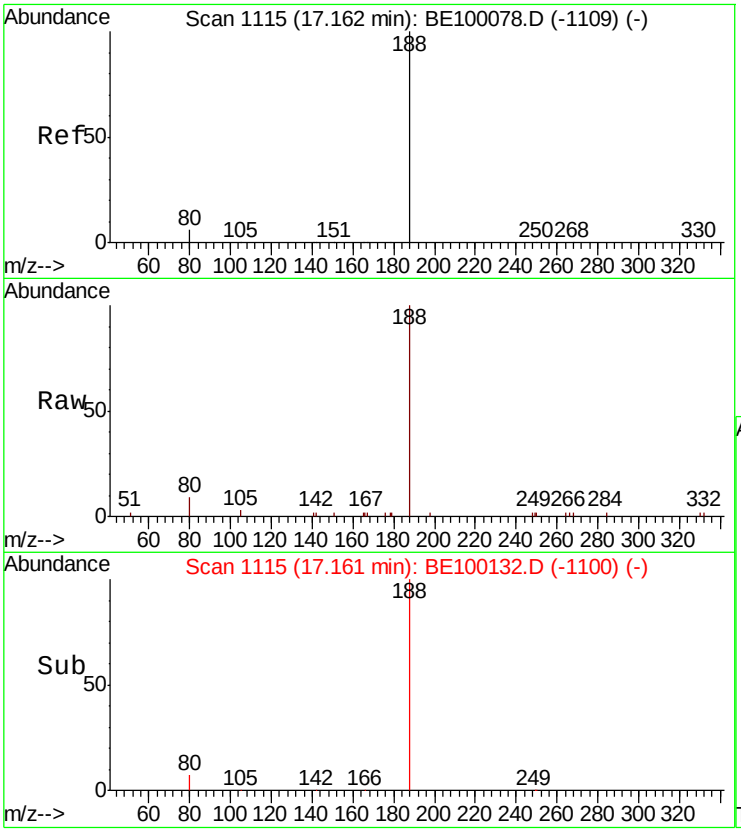


#18
Fluorene
Concen: 0.026 ng
RT: 15.47 min Scan# 989
Delta R.T. 0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:166 Resp: 177

Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.8	119.8
167	19.8	10.2	15.4#



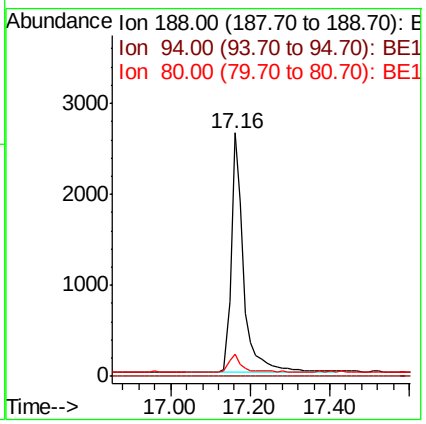


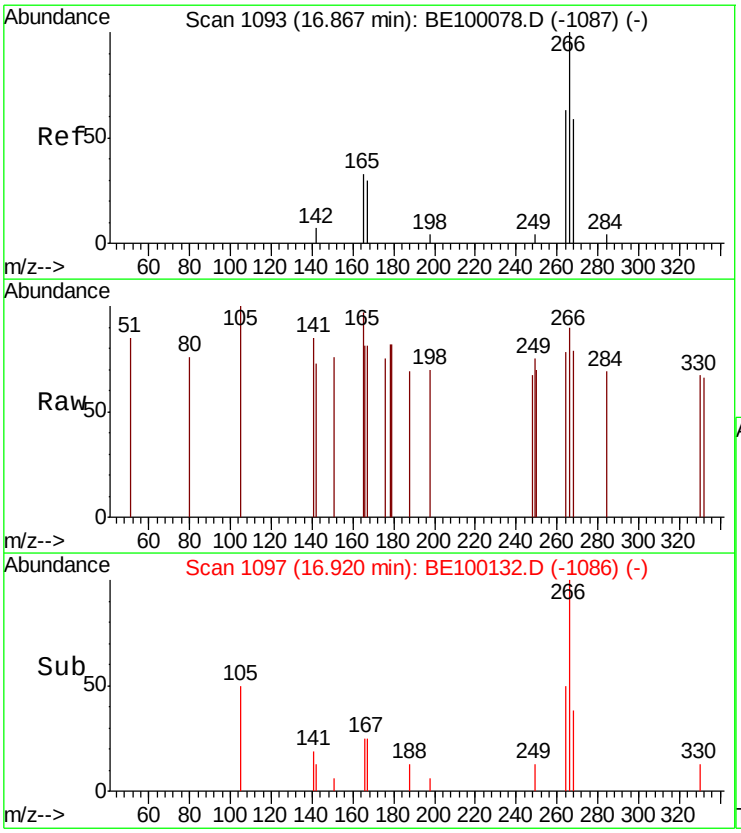
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:188 Resp: 5749

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	6.3	9.5

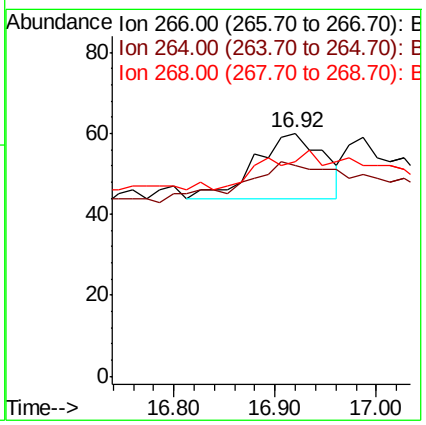


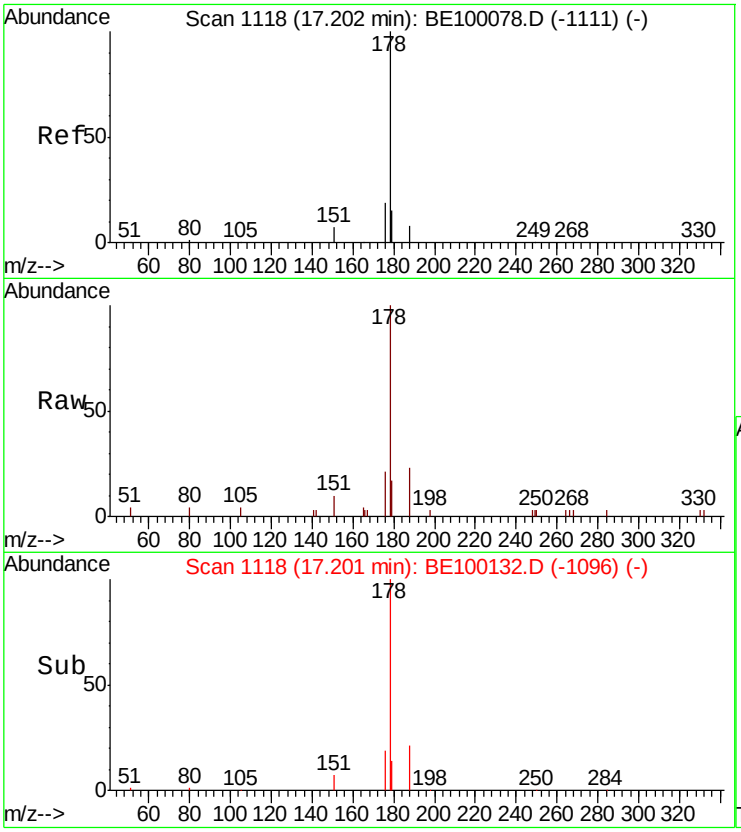


#22
Pentachlorophenol
Concen: 0.304 ng
RT: 16.92 min Scan# 1097
Delta R.T. 0.05 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:266 Resp: 76

Ion	Ratio	Lower	Upper
266	100		
264	86.7	67.8	101.6
268	88.3	70.0	105.0



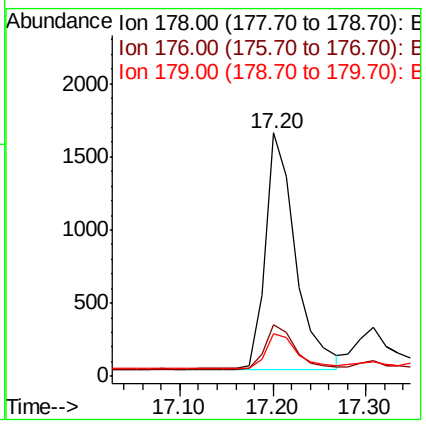


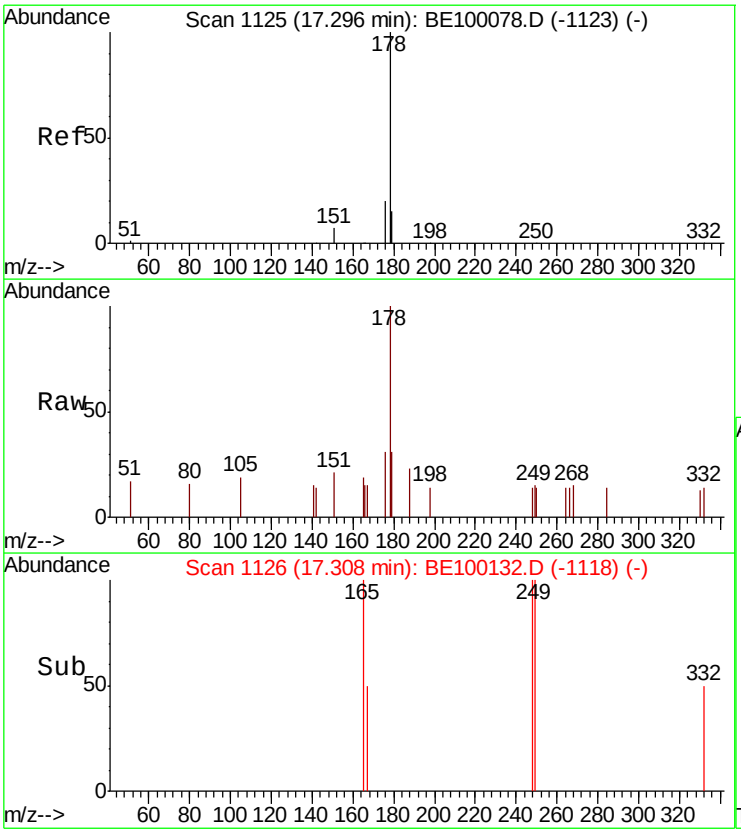
#23
Phenanthrene
Concen: 0.264 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:178 Resp: 3640

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.2	13.1	19.7

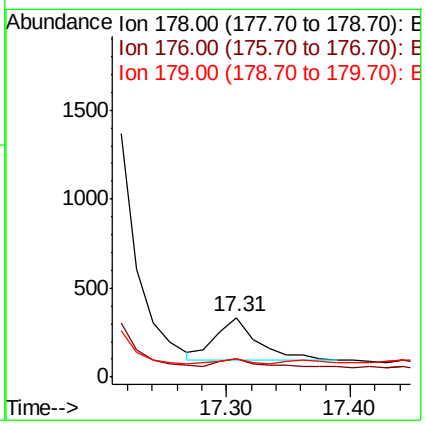


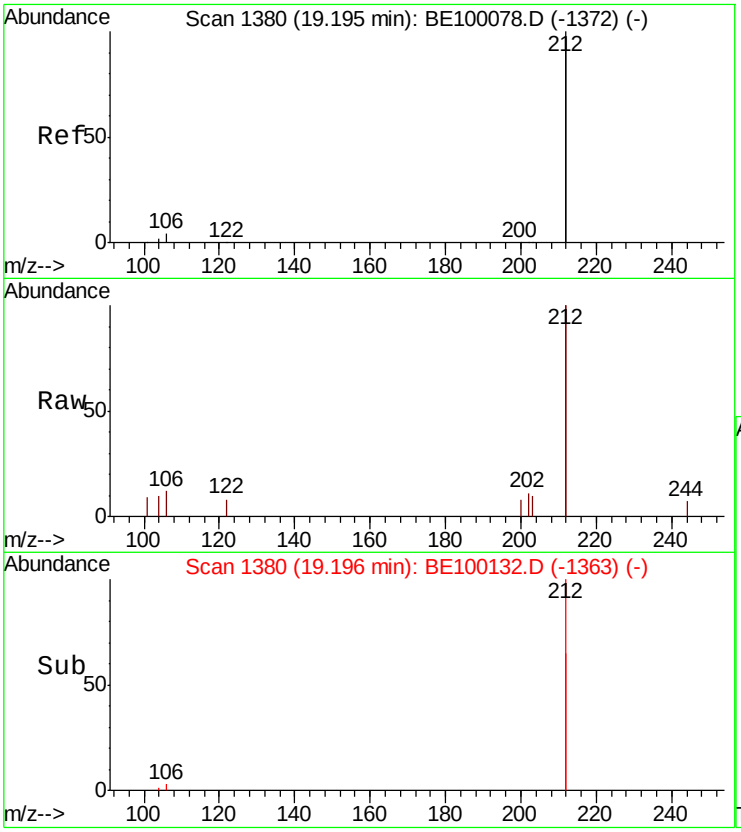


#24
Anthracene
Concen: 0.049 ng
RT: 17.31 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:178 Resp: 567

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.8	23.6
179	9.5	12.0	18.0#



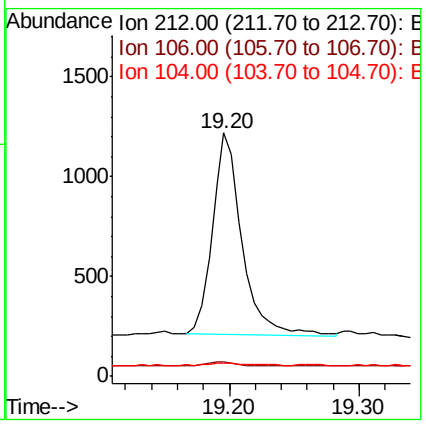


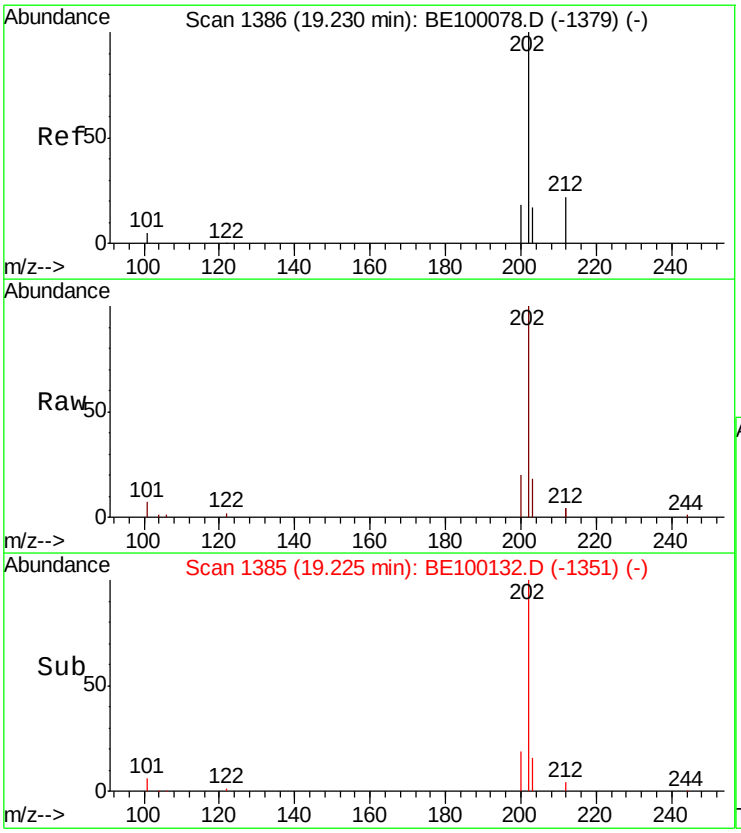
#25
Fluoranthene-d10
Concen: 0.020 ng
RT: 19.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:212 Resp: 1603

Ion	Ratio	Lower	Upper
212	100		
106	2.5	1.4	2.0#
104	1.2	0.8	1.2

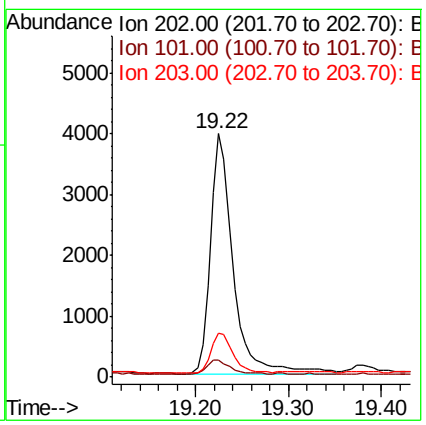


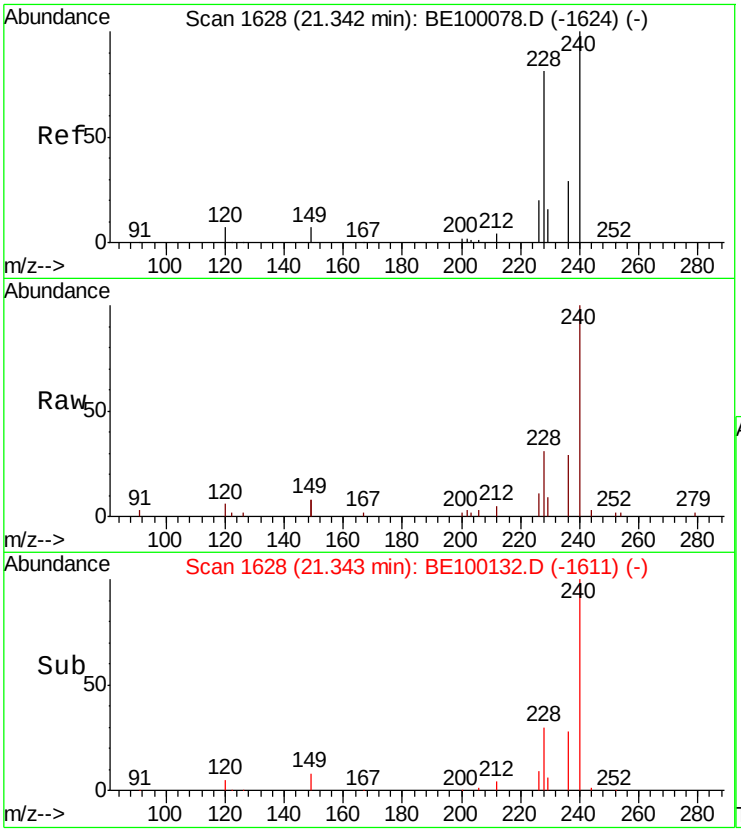


#26
Fluoranthene
Concen: 0.301 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:202 Resp: 6666

Ion	Ratio	Lower	Upper
202	100		
101	6.0	5.0	7.4
203	16.5	13.7	20.5



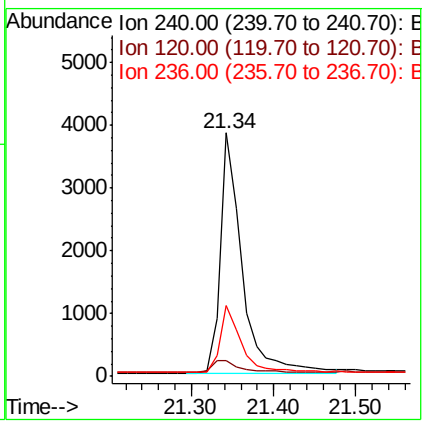


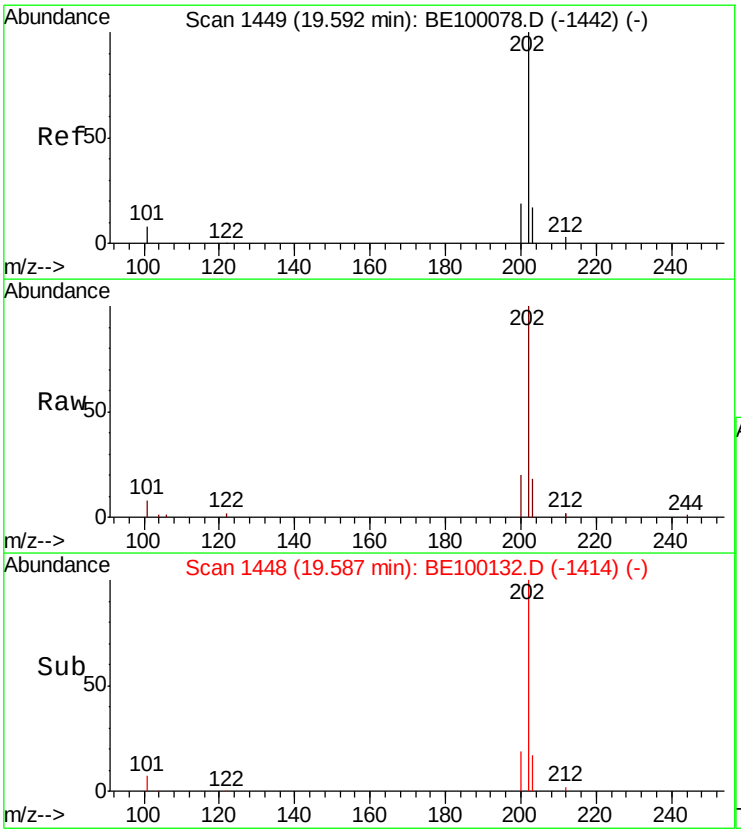
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:240 Resp: 7022

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.6	10.0#
236	29.2	23.8	35.6

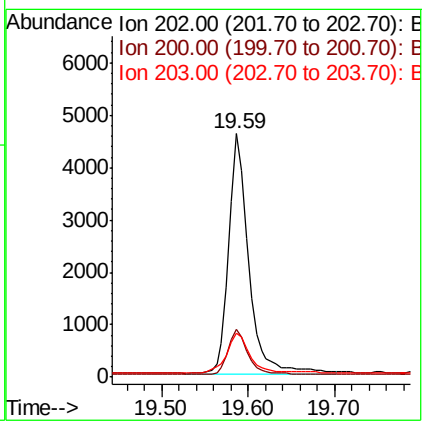


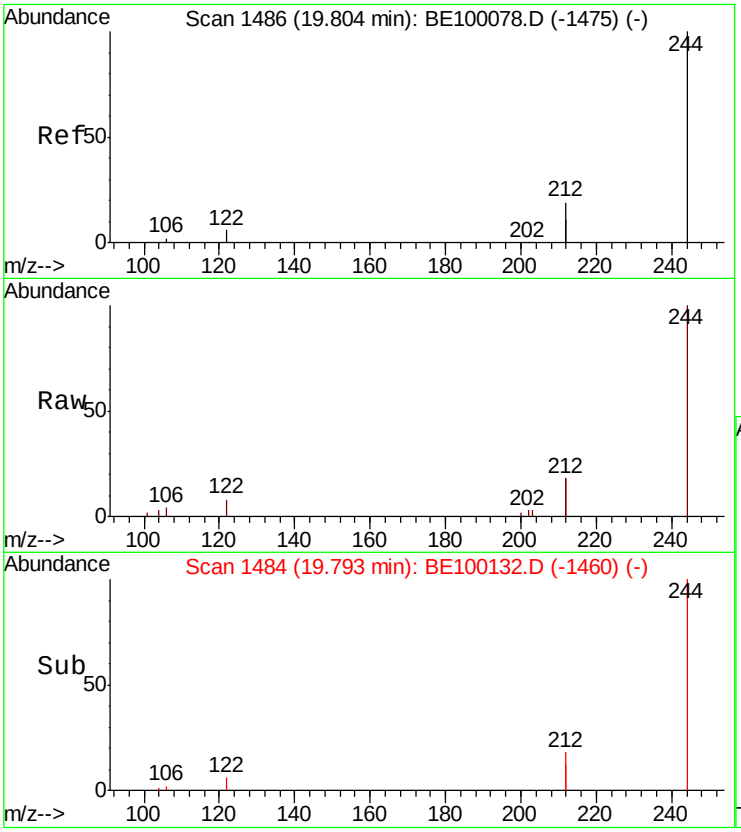


#28
Pyrene
Concen: 0.401 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:202 Resp: 7232

Ion	Ratio	Lower	Upper
202	100		
200	19.2	15.6	23.4
203	19.3	13.9	20.9



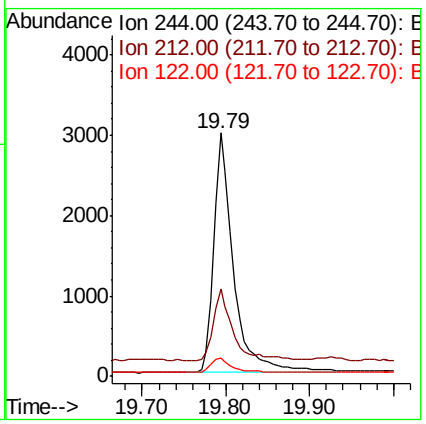


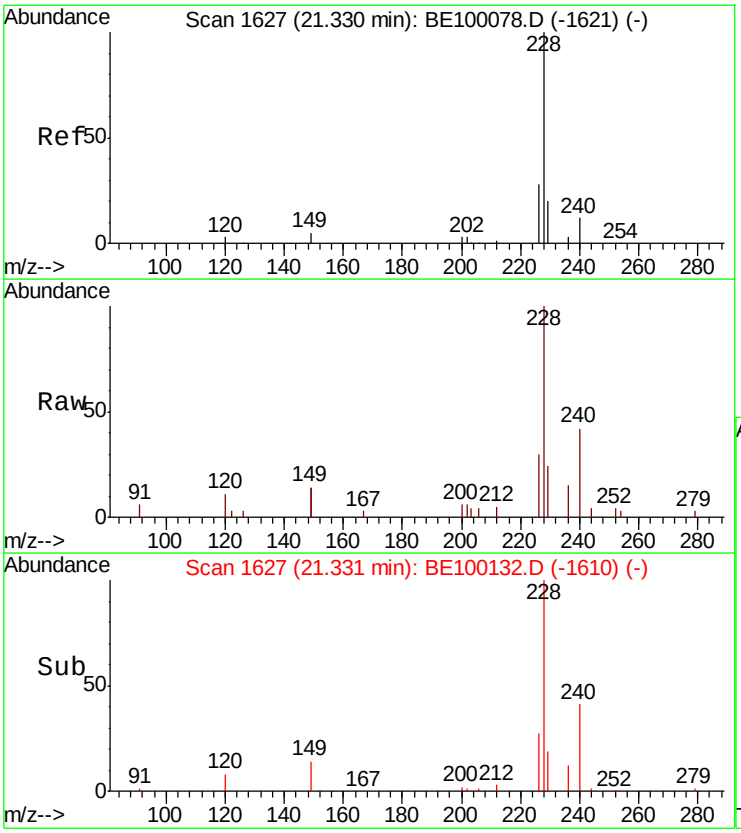
#29
Terphenyl-d14
Concen: 0.352 ng
RT: 19.79 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:244 Resp: 4946

Ion	Ratio	Lower	Upper
244	100		
212	36.0	29.8	44.8
122	7.7	6.1	9.1

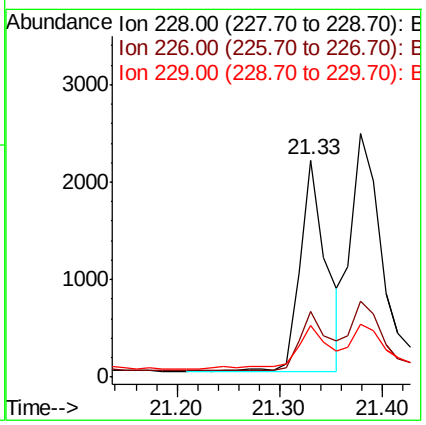


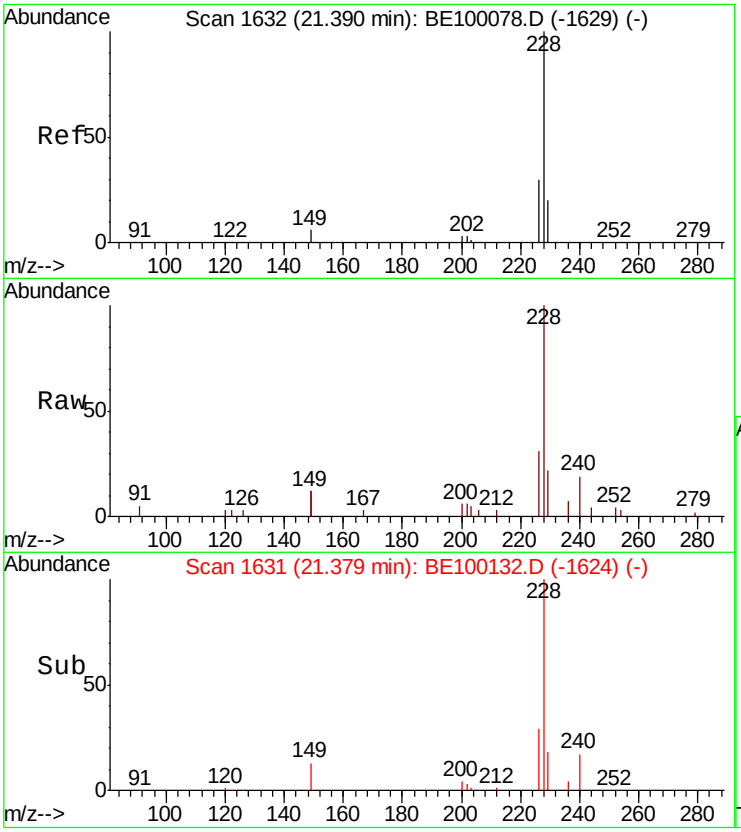


#30
Benzo(a)anthracene
Concen: 0.184 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:228 Resp: 3851

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.4
229	23.8	16.4	24.6



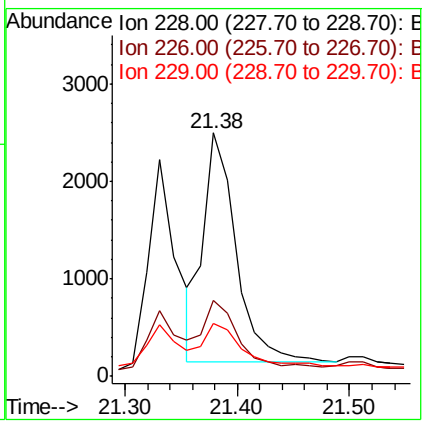


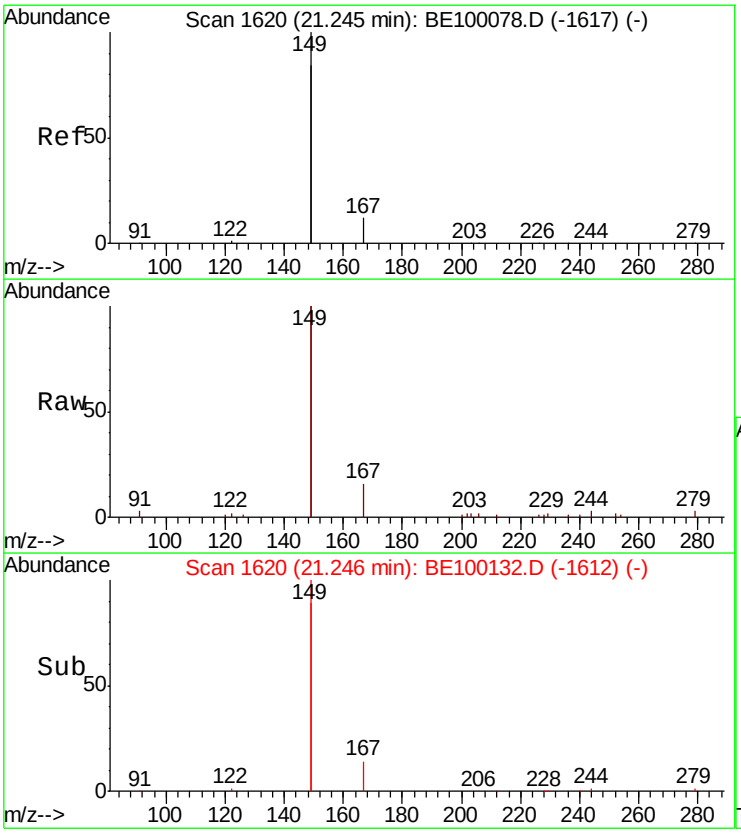
#31
Chrysene
Concen: 0.194 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:228 Resp: 4720

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	21.9	16.3	24.5

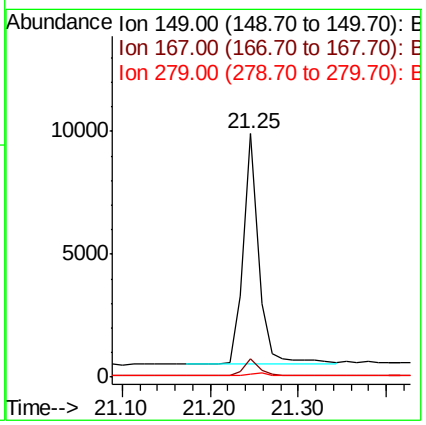


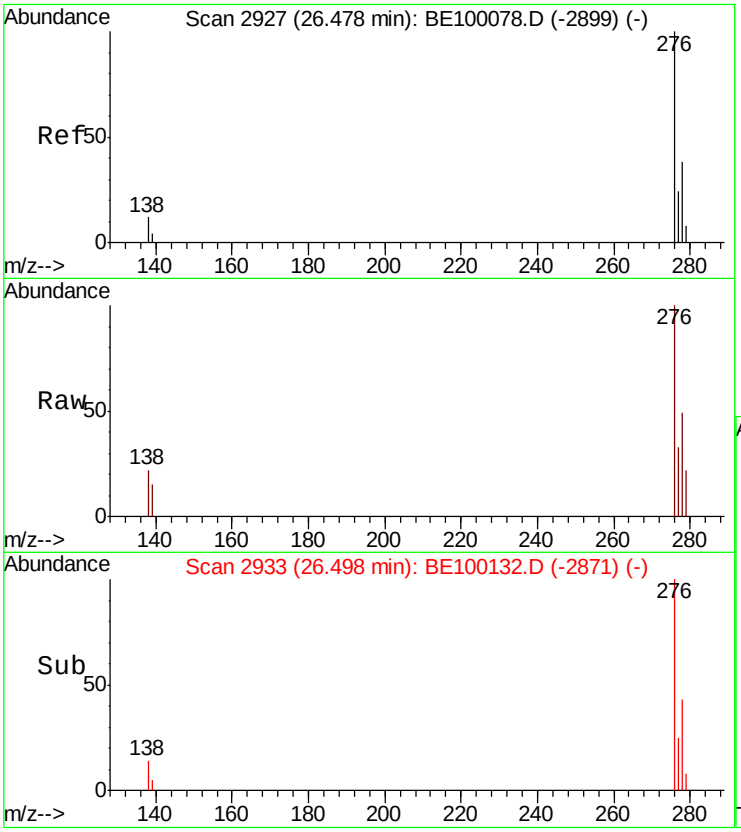


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.596 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:149 Resp: 11739

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.8	8.6
279	1.3	1.1	1.7



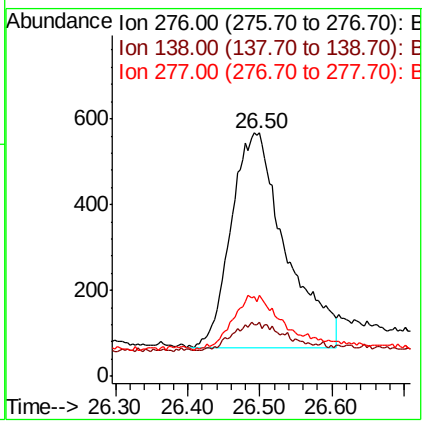


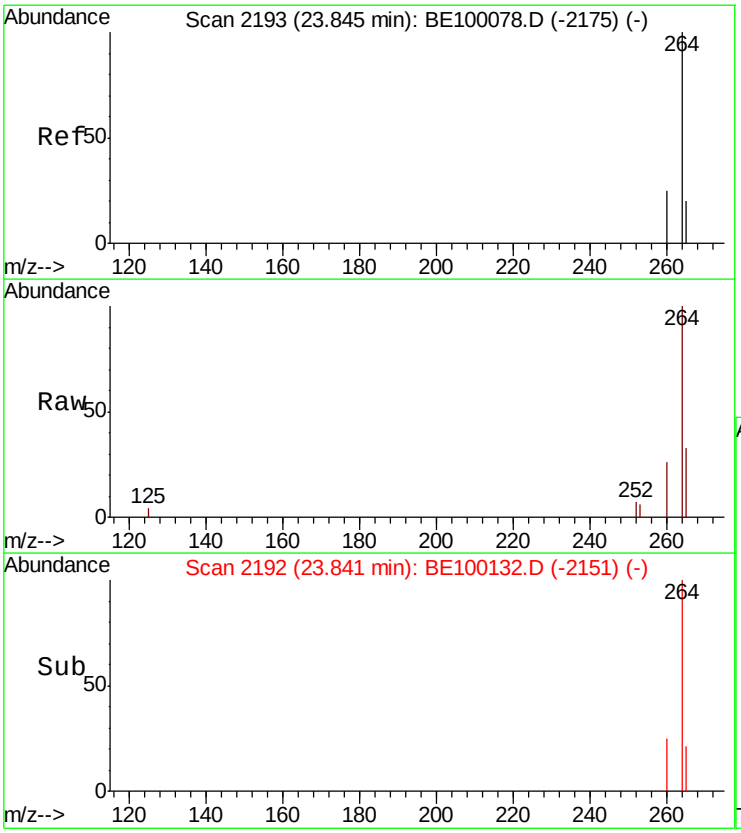
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng
RT: 26.50 min Scan# 2933
Delta R.T. 0.02 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:276 Resp: 2597

Ion	Ratio	Lower	Upper
276	100		
138	10.6	4.3	6.5#
277	11.0	19.4	29.0#

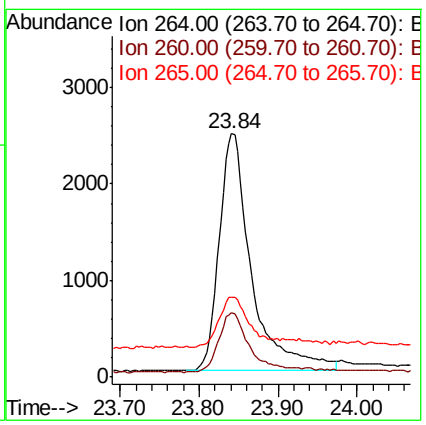


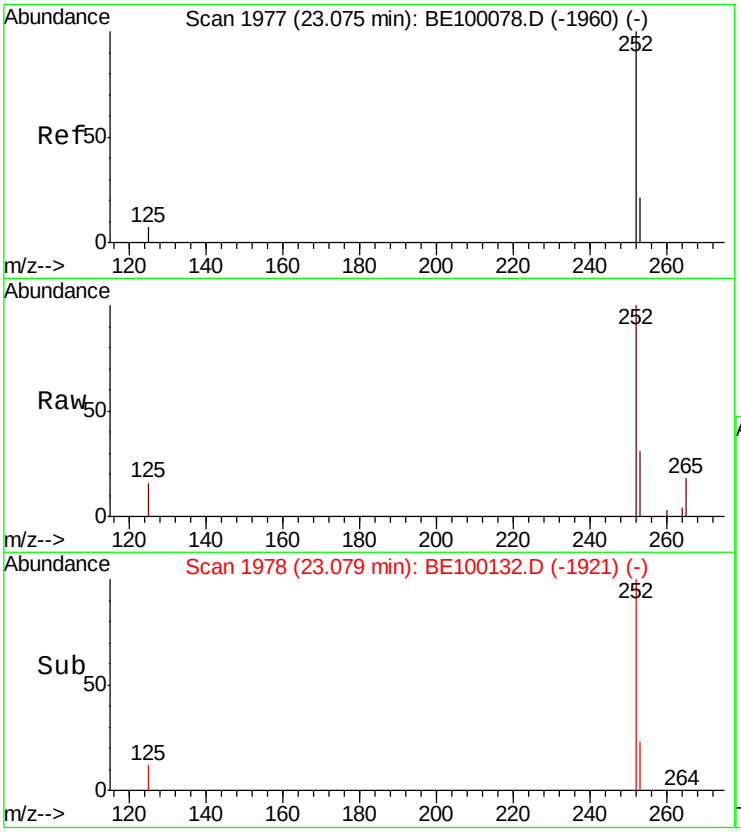


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:264 Resp: 7020

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.8	31.2
265	33.0	23.2	34.8



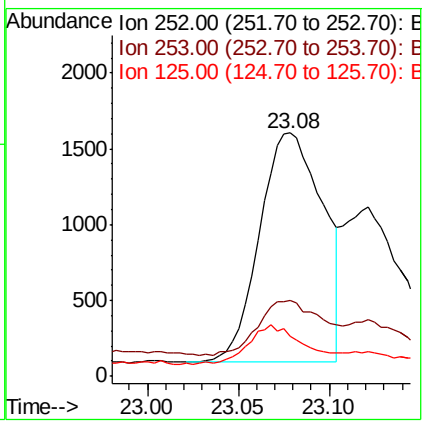


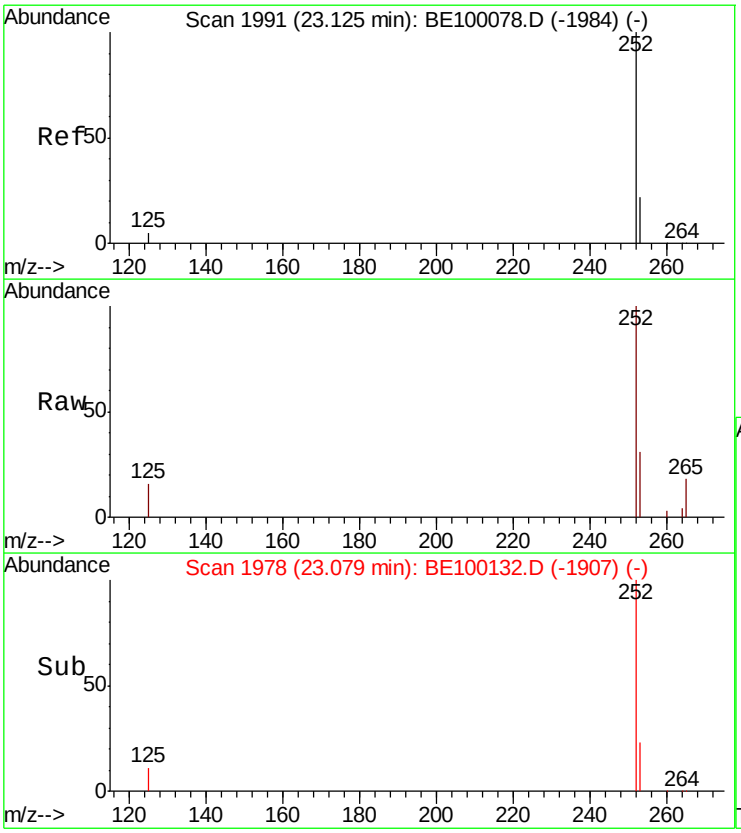
#35
Benzo(b)fluoranthene
Concen: 0.177 ng
RT: 23.08 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:252 Resp: 3647

Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.4	27.6#
125	16.3	6.4	9.6#

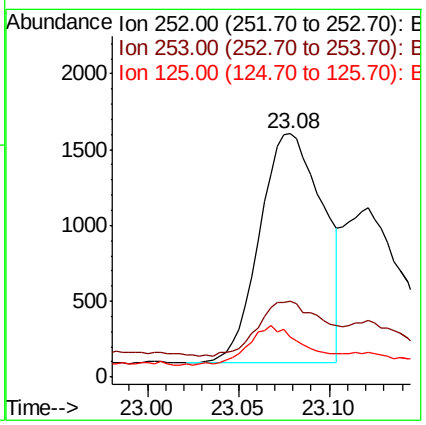


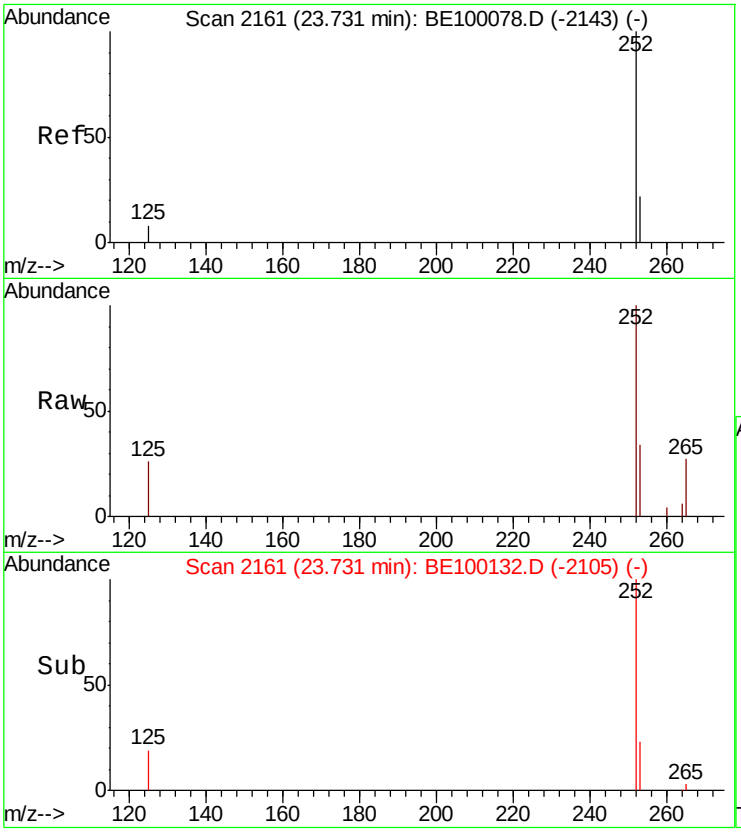


#36
Benzo(k)fluoranthene
Concen: 0.156 ng
RT: 23.08 min Scan# 1978
Delta R.T. -0.05 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:252 Resp: 3647

Ion	Ratio	Lower	Upper
252	100		
253	31.1	18.9	28.3#
125	16.3	5.3	7.9#



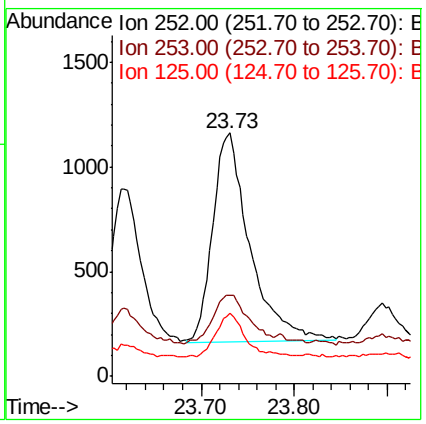


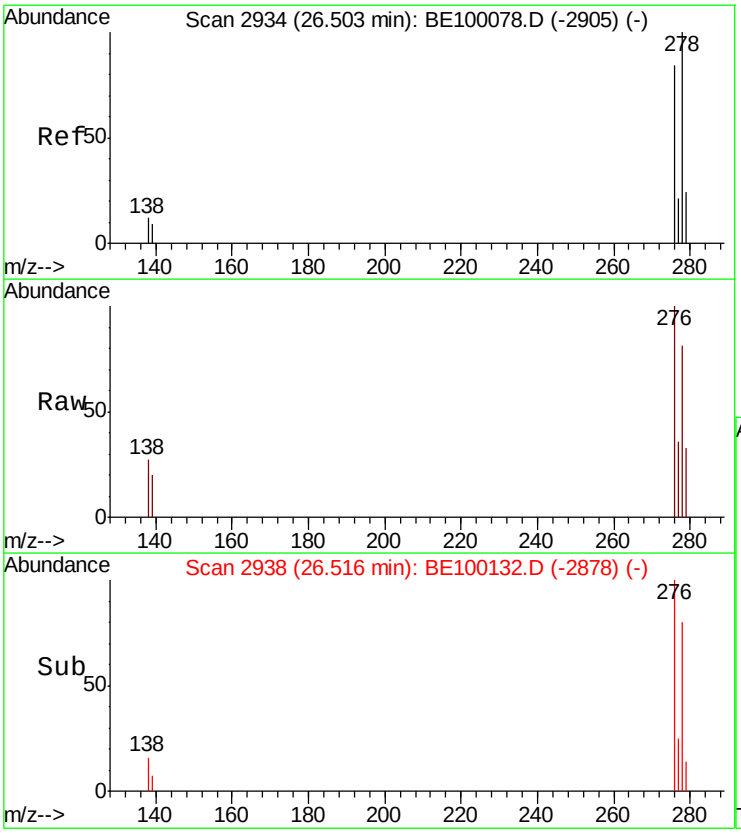
#37
Benzo(a)pyrene
Concen: 0.140 ng
RT: 23.73 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:252 Resp: 2777

Ion	Ratio	Lower	Upper
252	100		
253	33.5	19.4	29.2#
125	25.7	8.0	12.0#

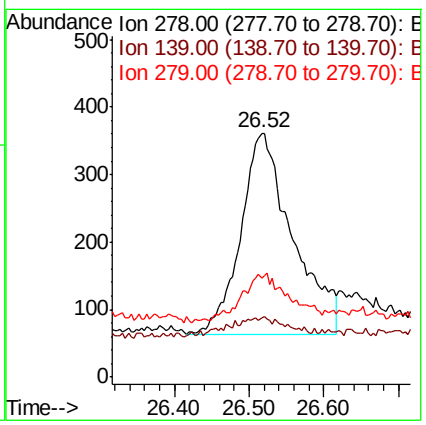


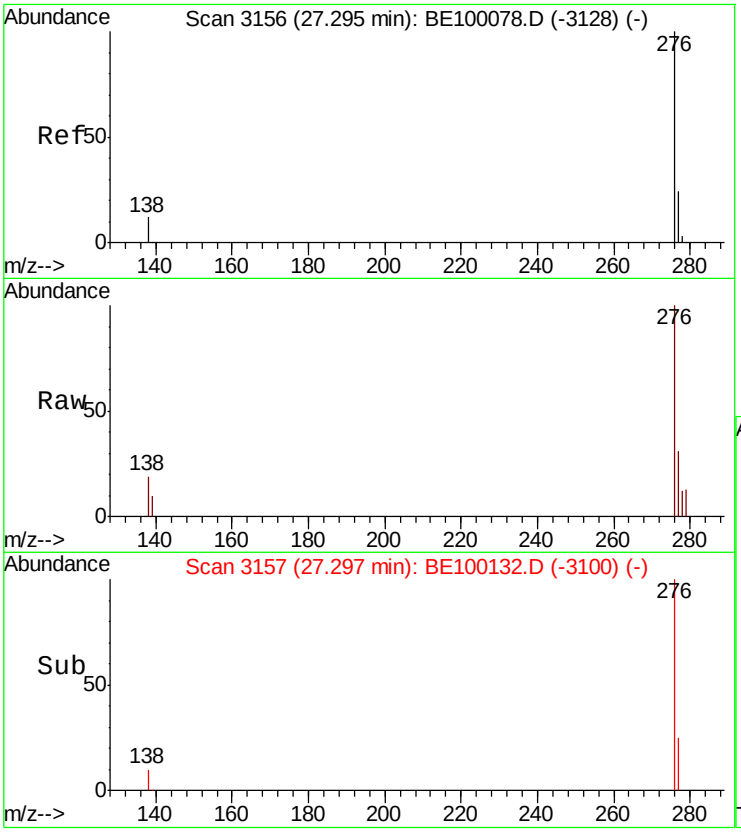


#38
Dibenzo(a,h)anthracene
Concen: 0.071 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.01 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Tgt Ion:278 Resp: 1445

Ion	Ratio	Lower	Upper
278	100		
139	24.4	9.0	13.6#
279	40.4	21.4	32.0#





#39
Benzo(g,h,i)perylene
Concen: 0.119 ng
RT: 27.30 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BE100132.D
Acq: 21 Jun 2019 12:40

Instrument :
BNA_E
ClientSampleId :
PST-084-B045-061319

Tgt Ion:276 Resp: 2521

Ion	Ratio	Lower	Upper
276	100		
277	31.3	20.3	30.5#
138	18.6	11.3	16.9#