Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100135.D
Acq On : 21 Jun 2019 14:28
Operator : JU/SJ
Sample : K3428-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-084-B044-061319

Quant Time: Jun 22 02:02:37 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	7.72	152	435	0.40	ng		-0.01
7) Naphthalene-d8	10.55	136	1443	0.40	ng		0.01
13) Acenaphthene-d10	14.40	164	1518	0.40	ng		-0.01
19) Phenanthrene-d10	17.16	188	5400	0.40	ng		0.00
27) Chrysene-d12	21.34	240	7836	0.40	ng		0.00
34) Perylene-d12	23.84	264	9048	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	323	0.36	ng		-0.01
5) Phenol-d6	6.92	99	433	0.35	ng		-0.01
8) Nitrobenzene-d5	8.95	82	312	0.22	ng		0.04
11) 2-Methylnaphthalene-d10	12.17	152	68	0.02	ng		0.02
14) 2,4,6-Tribromophenol	15.92	330	267	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	1442	0.24	ng		0.00
25) Fluoranthene-d10	19.19	212	1570	0.02	ng		0.00
29) Terphenyl-d14	19.79	244	5505	0.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	31	0.044	ng	#	27
3) n-Nitrosodimethylamine	3.59	42	16	0.376	ng	#	100
6) bis(2-Chloroethyl)ether	7.17	93	3	0.036	ng	#	1
9) Naphthalene	10.60	128	357	0.023	ng	#	57
12) 2-Methylnaphthalene	12.25	142	71	0.028	ng	#	74
22) Pentachlorophenol	16.83	266	18	0.258	ng		91
23) Phenanthrene	17.20	178	1944	0.150	ng		98
24) Anthracene	17.29	178	246	0.023	ng	#	91
26) Fluoranthene	19.22	202	4421	0.213	ng		98
28) Pyrene	19.58	202	4251	0.211	ng		97
30) Benzo(a)anthracene	21.32	228	3011	0.129	ng	#	92
31) Chrysene	21.38	228	2974	0.110	ng	#	94
32) Bis(2-ethylhexyl)phthalate	21.25	149	2182	0.099	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.47	276	1485	0.049	ng	#	97
35) Benzo(b)fluoranthene	23.07	252	3584	0.135	ng	#	33
36) Benzo(k)fluoranthene	23.07	252	3584	0.119	ng	#	36
37) Benzo(a)pyrene	23.72	252	2497	0.097	ng	#	32
39) Benzo(g,h,i)perylene	27.28	276	1479	0.054	ng	#	77

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
Data File : BE100135.D
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Operator : JU/SJ
Sample : K3428-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Quant Time: Jun 22 02:02:37 2019
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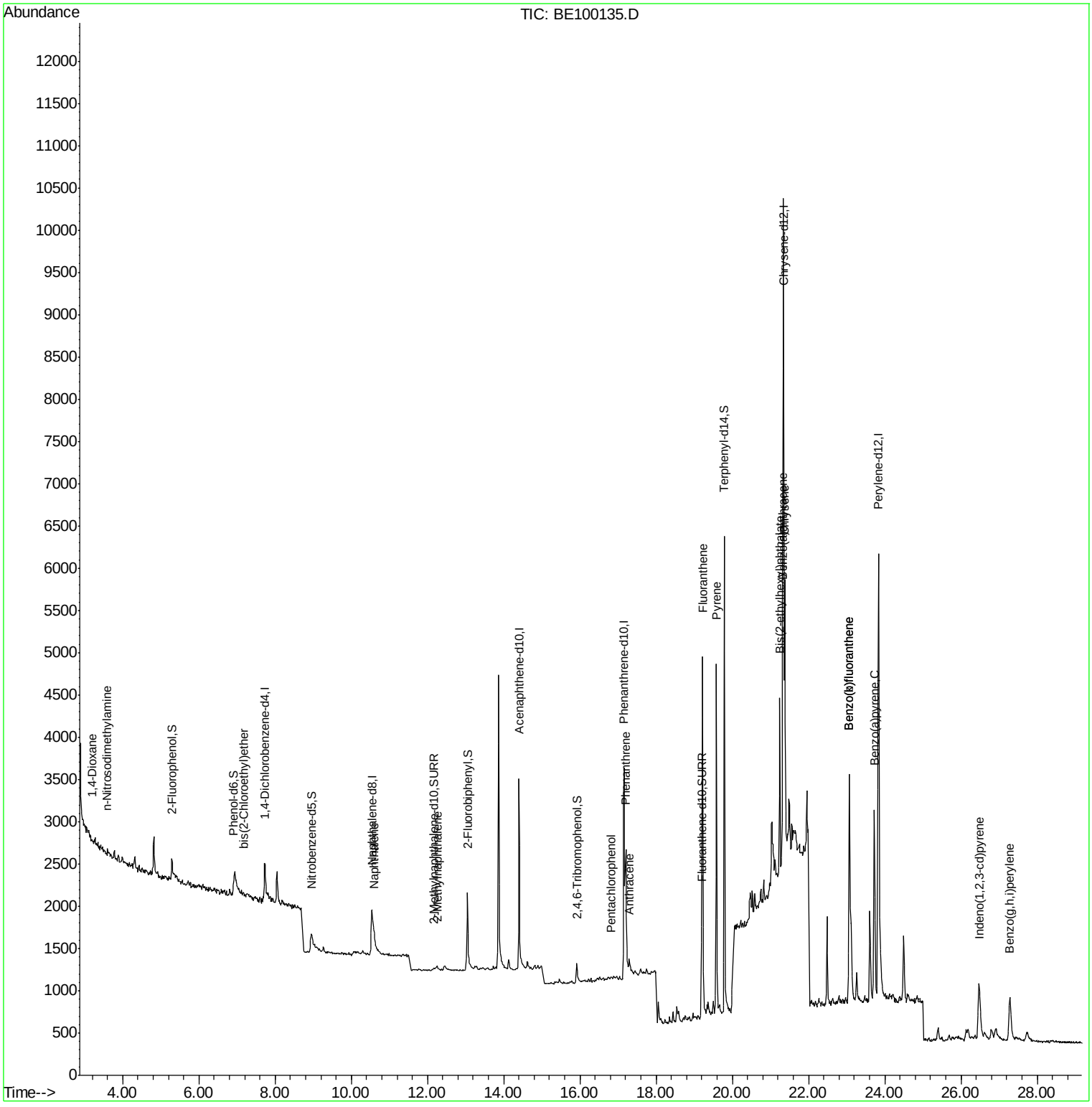
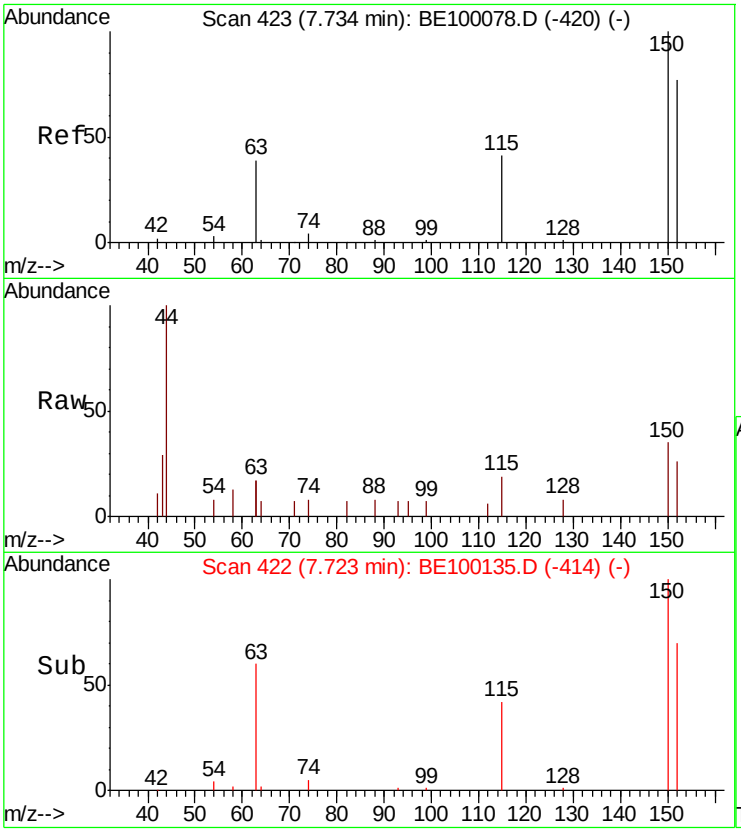
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 15:07:24 2019
Response via : Initial Calibration



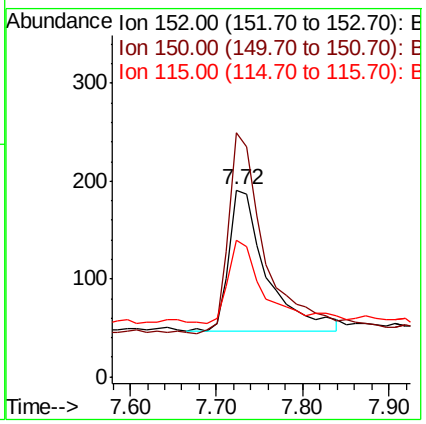


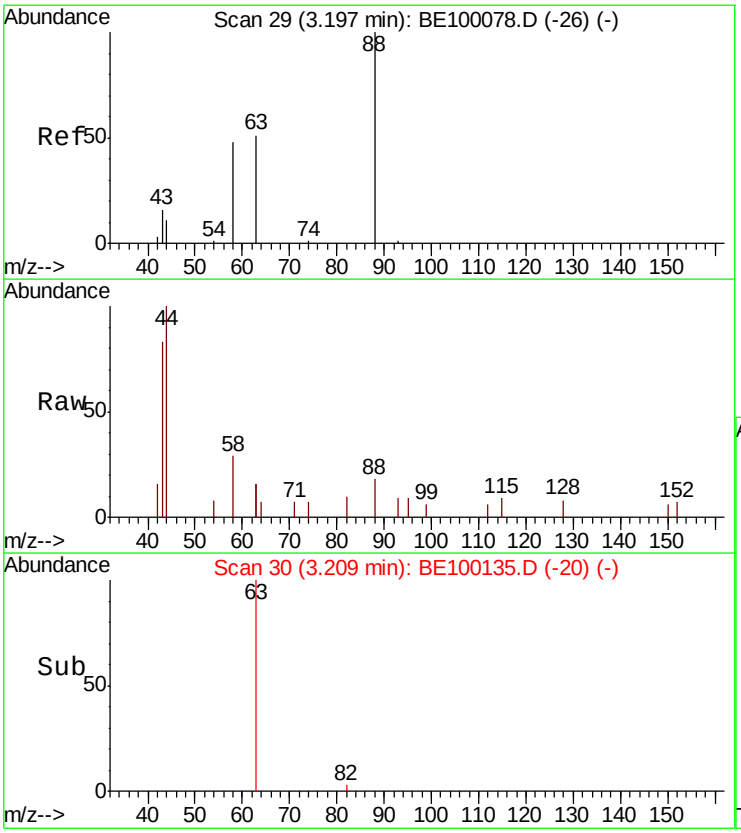
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:152 Resp: 435

Ion	Ratio	Lower	Upper
152	100		
150	130.4	99.8	149.8
115	73.3	51.3	76.9

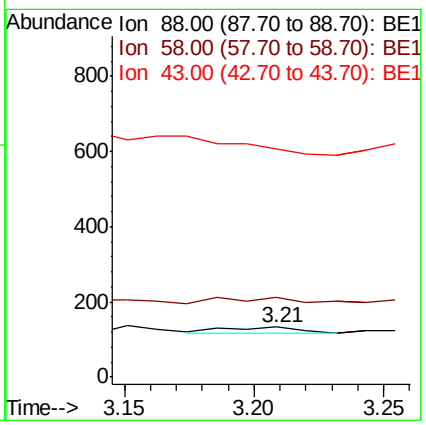


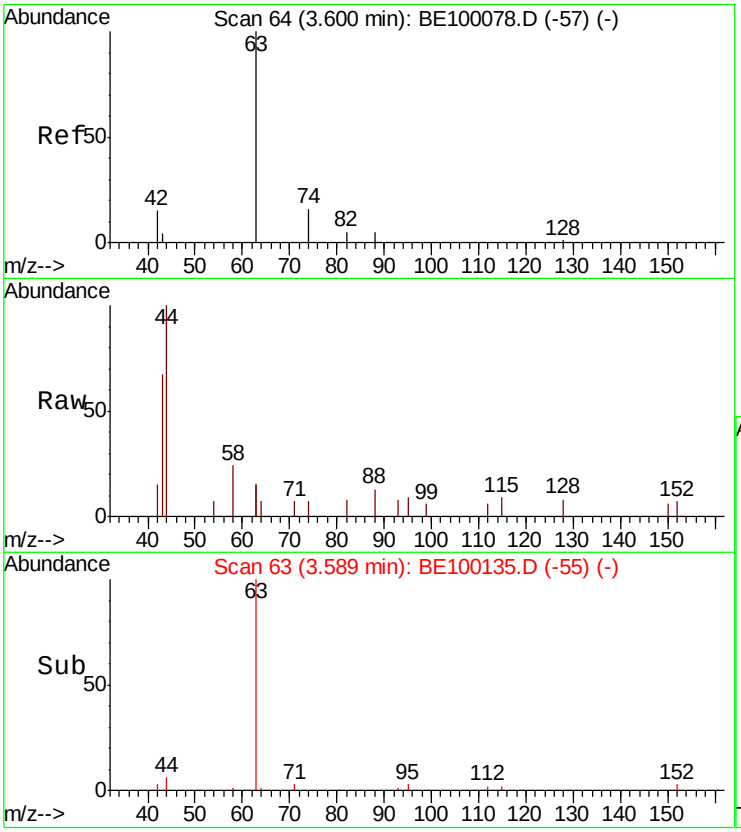


#2
1,4-Dioxane
Concen: 0.044 ng
RT: 3.21 min Scan# 30
Delta R.T. 0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.1	76.7#
43	0.0	21.7	32.5#



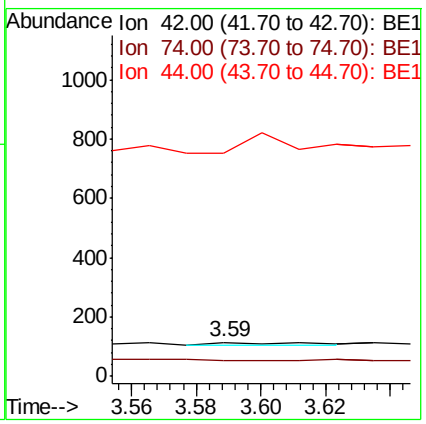


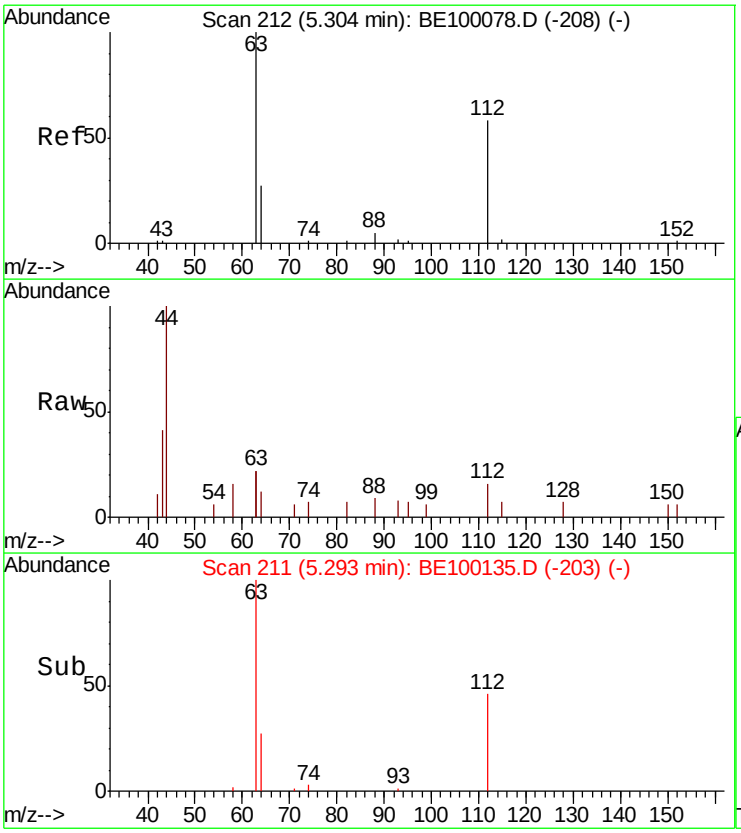
#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion: 42 Resp: 16

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	612.5	0.0	0.0#

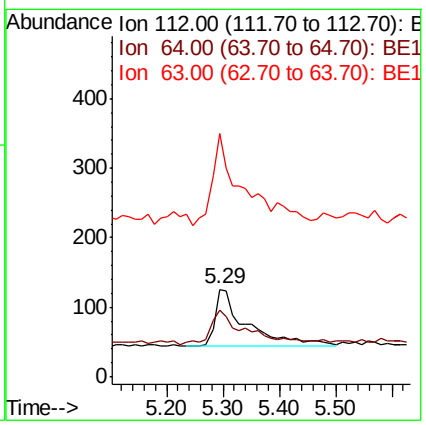


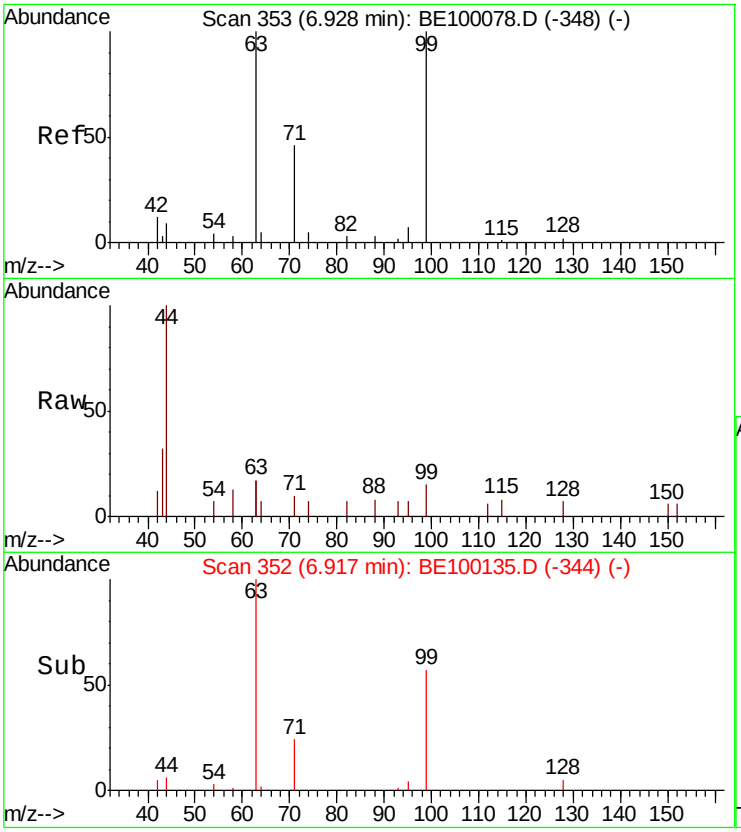


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.29 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:112 Resp: 323

Ion	Ratio	Lower	Upper
112	100		
64	63.8	22.0	33.0#
63	157.9	121.8	182.6



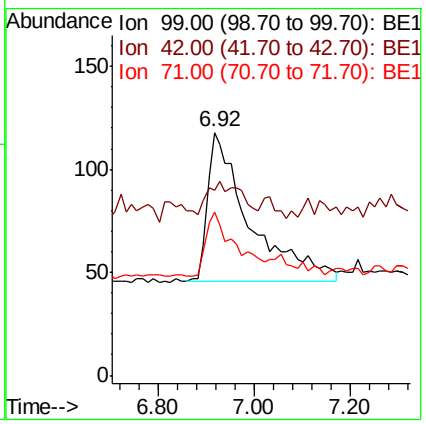


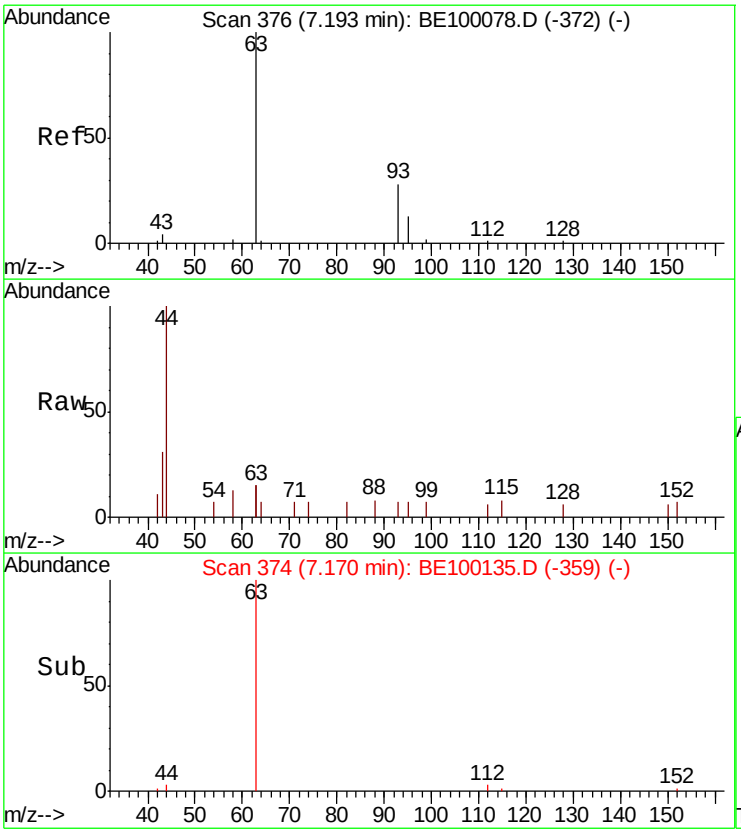
#5
Phenol-d6
Concen: 0.349 ng
RT: 6.92 min Scan# 352
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion: 99 Resp: 433

Ion	Ratio	Lower	Upper
99	100		
42	17.1	0.0	0.0#
71	31.2	37.6	56.4#

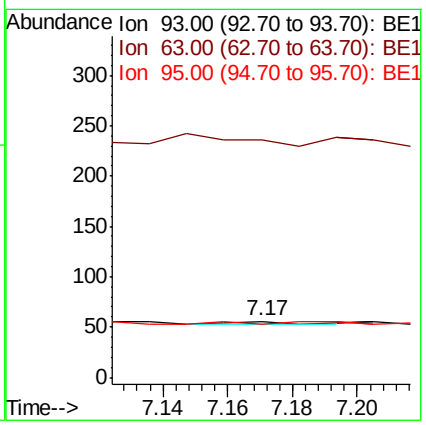


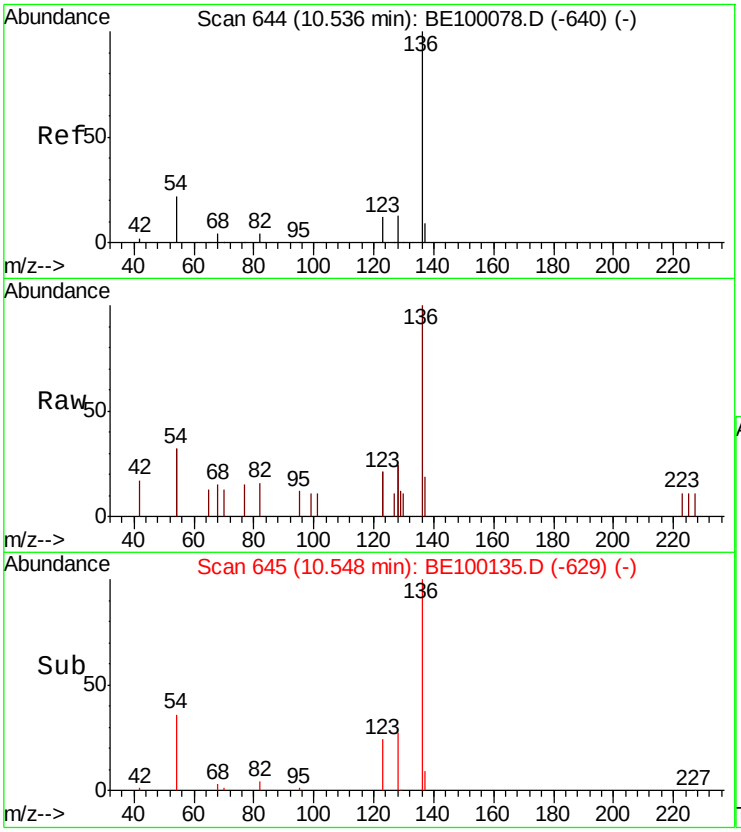


#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion: 93 Resp: 3

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



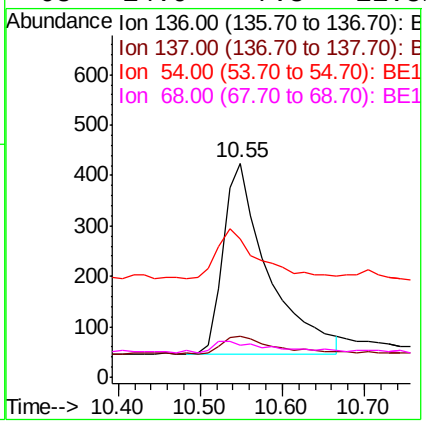


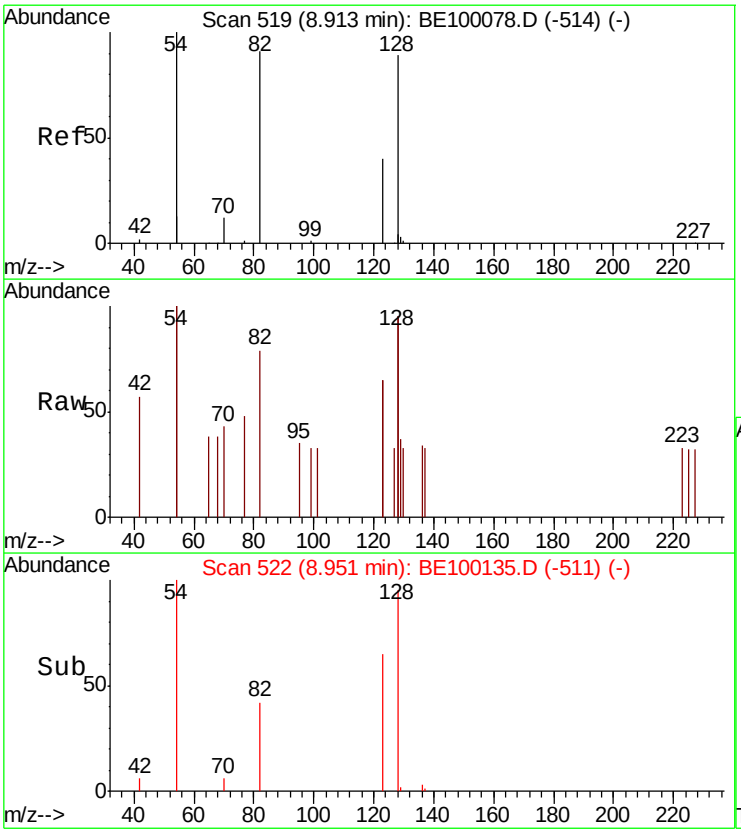
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:136 Resp: 1443

Ion	Ratio	Lower	Upper
136	100		
137	19.1	11.6	17.4#
54	64.6	33.9	50.9#
68	14.9	7.8	11.8#

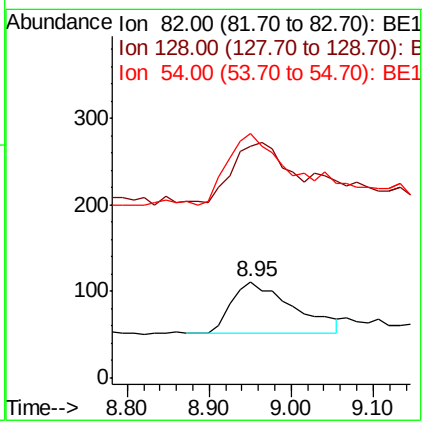


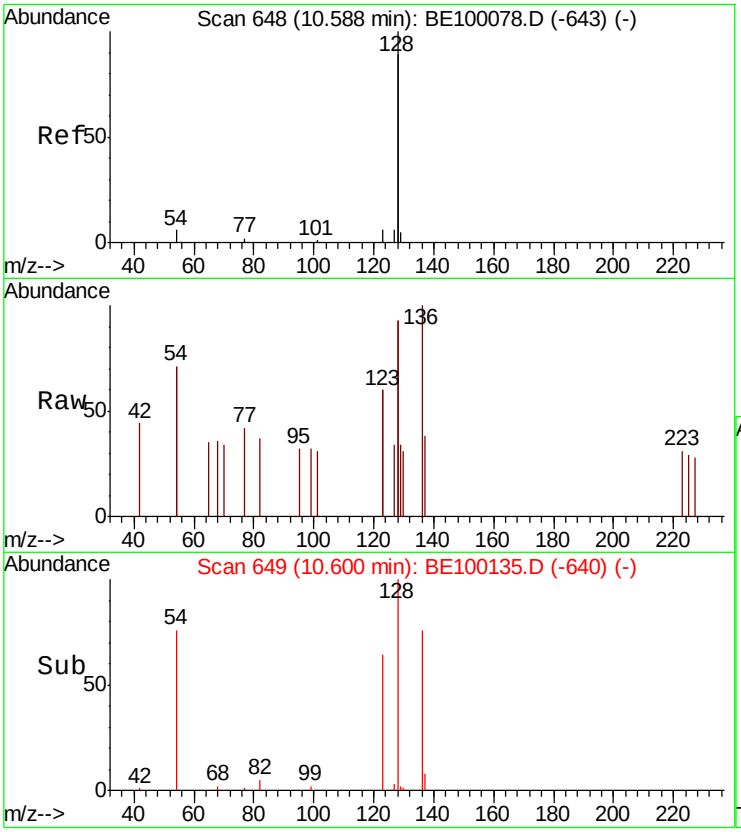


#8
Nitrobenzene-d5
Concen: 0.223 ng
RT: 8.95 min Scan# 522
Delta R.T. 0.04 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion: 82 Resp: 312

Ion	Ratio	Lower	Upper
82	100		
128	241.4	128.0	192.0#
54	254.1	143.4	215.0#



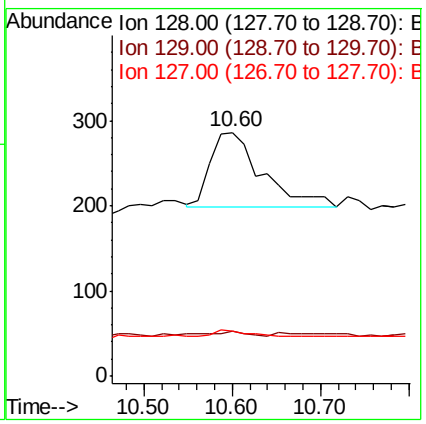


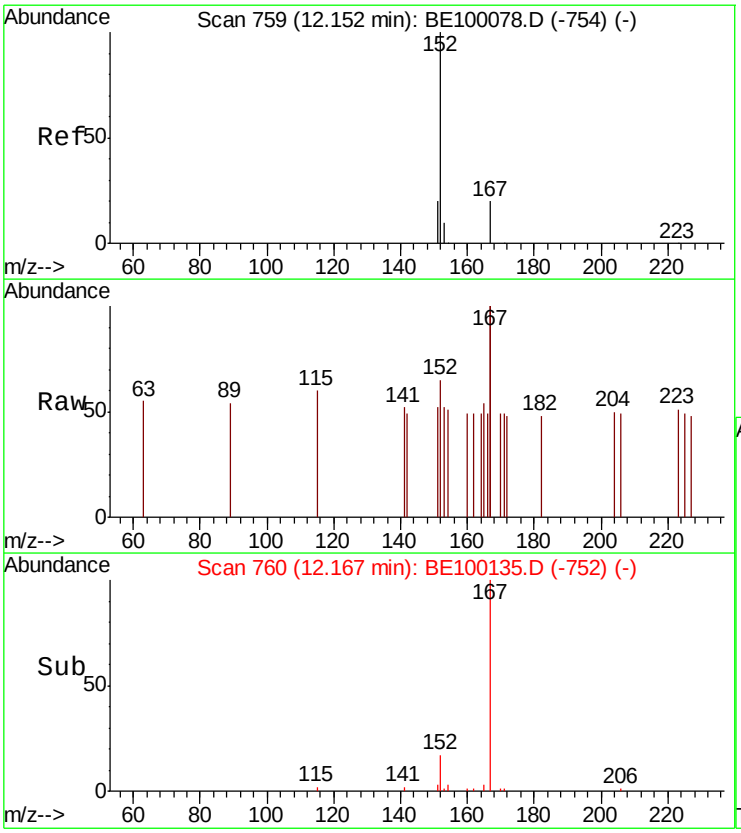
#9
Naphthalene
Concen: 0.023 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:128 Resp: 357

Ion	Ratio	Lower	Upper
128	100		
129	18.2	3.1	4.7#
127	18.2	3.4	5.2#

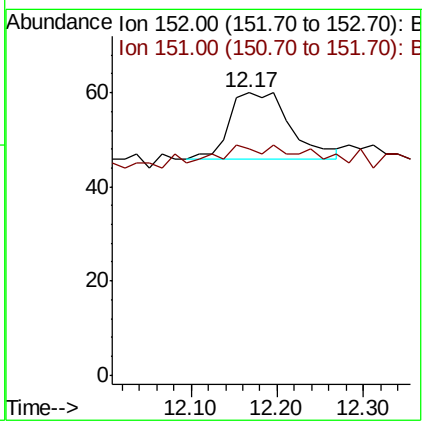


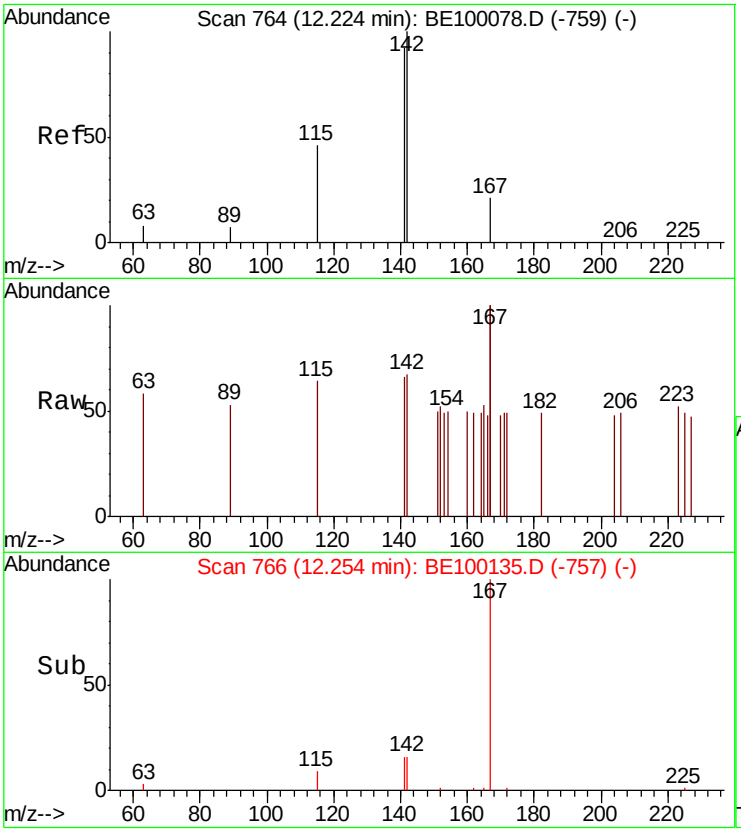


#11
2-Methylnaphthalene-d10
Concen: 0.025 ng
RT: 12.17 min Scan# 760
Delta R.T. 0.02 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:152 Resp: 68

Ion	Ratio	Lower	Upper
152	100		
151	16.2	16.3	24.5#



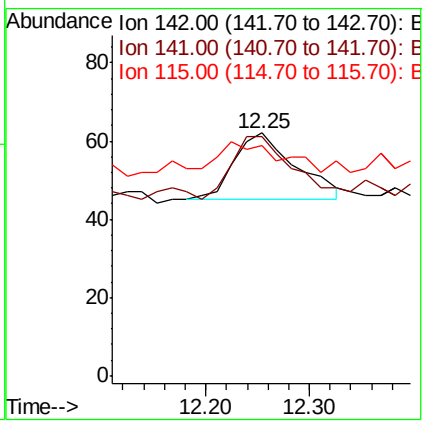


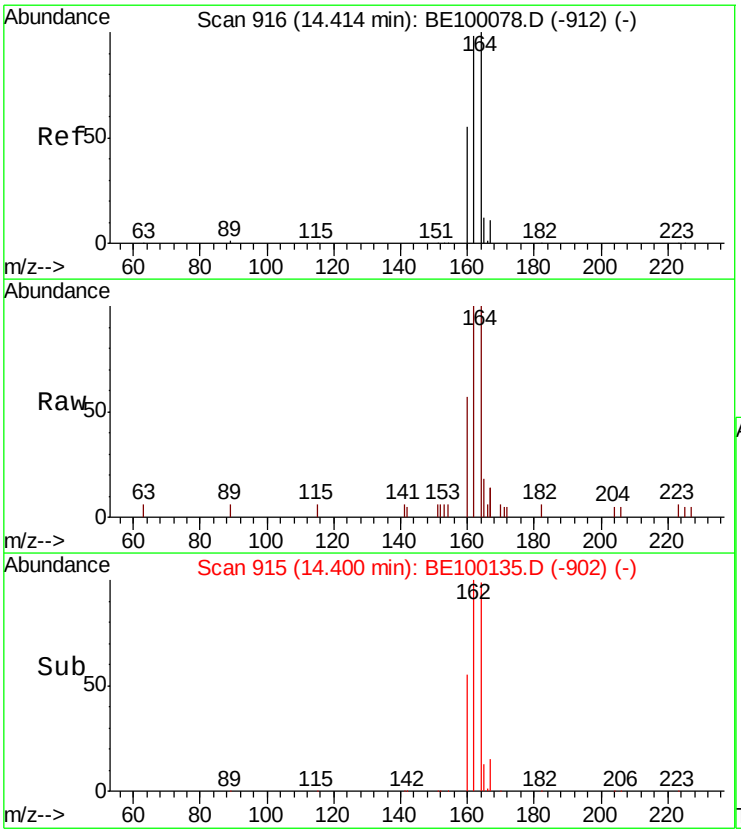
#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.03 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:142 Resp: 71

Ion	Ratio	Lower	Upper
142	100		
141	98.4	74.1	111.1
115	95.2	40.9	61.3#

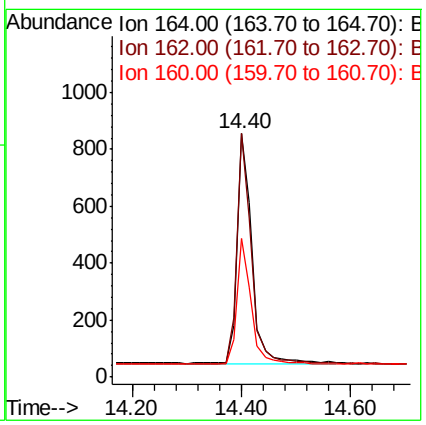


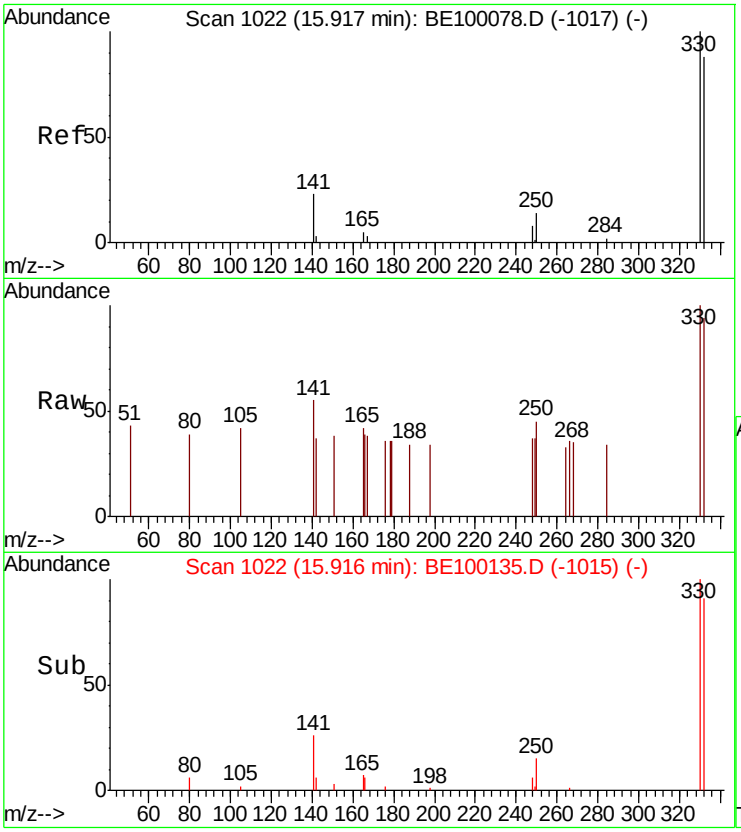


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:164 Resp: 1518

Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.2	117.2
160	56.9	45.6	68.4



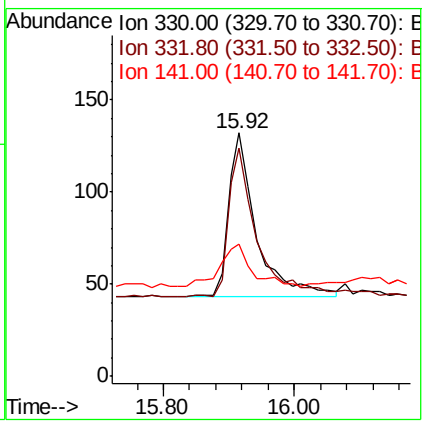


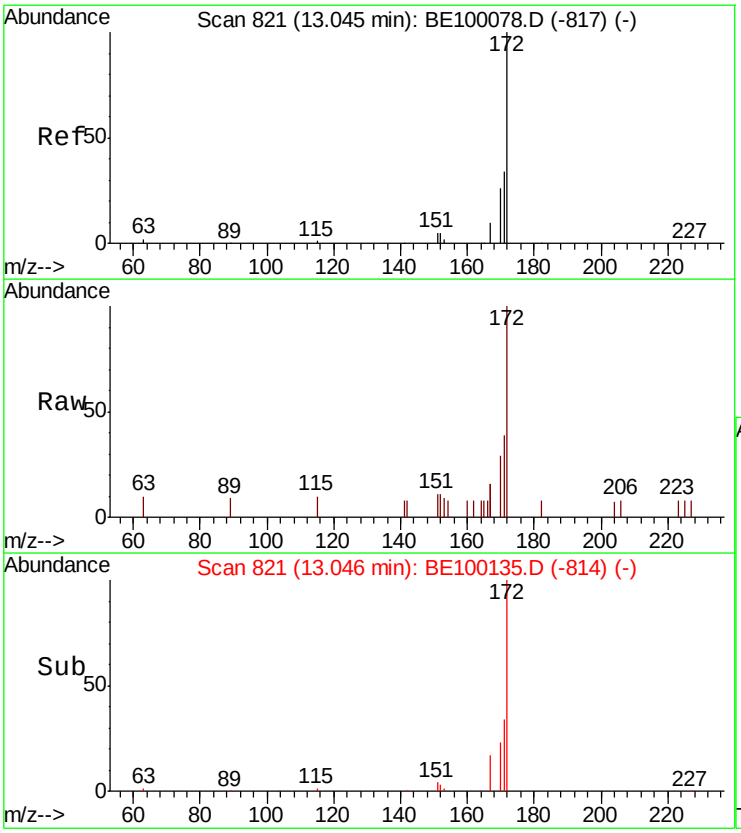
#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.92 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:330 Resp: 267

Ion	Ratio	Lower	Upper
330	100		
332	92.1	73.3	109.9
141	27.7	22.2	33.2

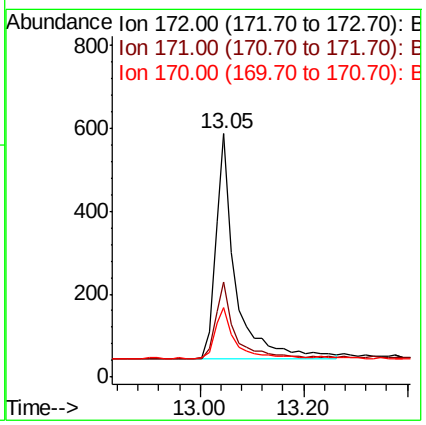


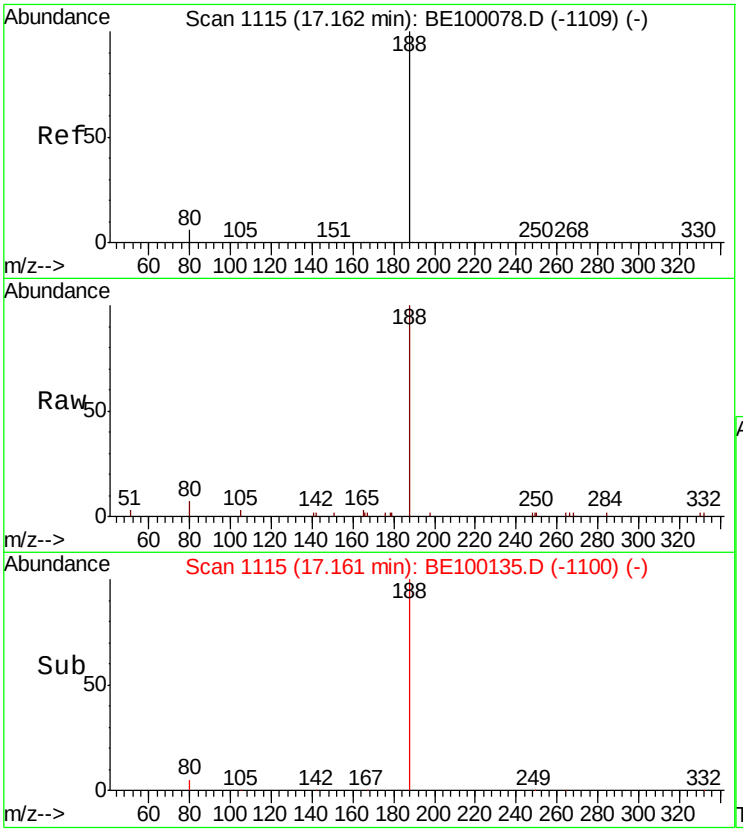


#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 13.05 min Scan# 821
Delta R.T. 0.00 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:172 Resp: 1442

Ion	Ratio	Lower	Upper
172	100		
171	39.1	29.8	44.8
170	28.7	23.2	34.8



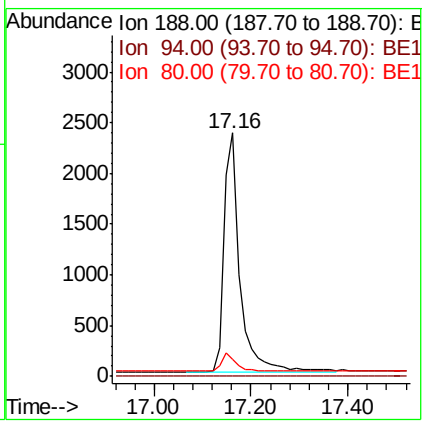


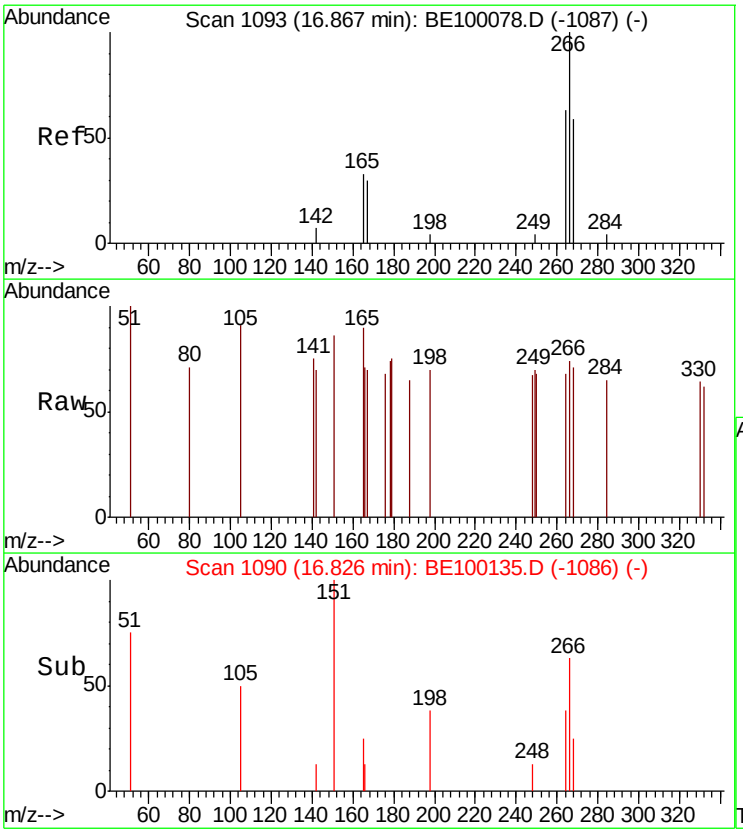
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:188 Resp: 5400

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.3	9.5

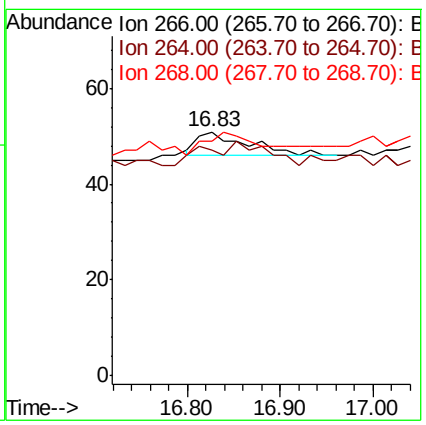


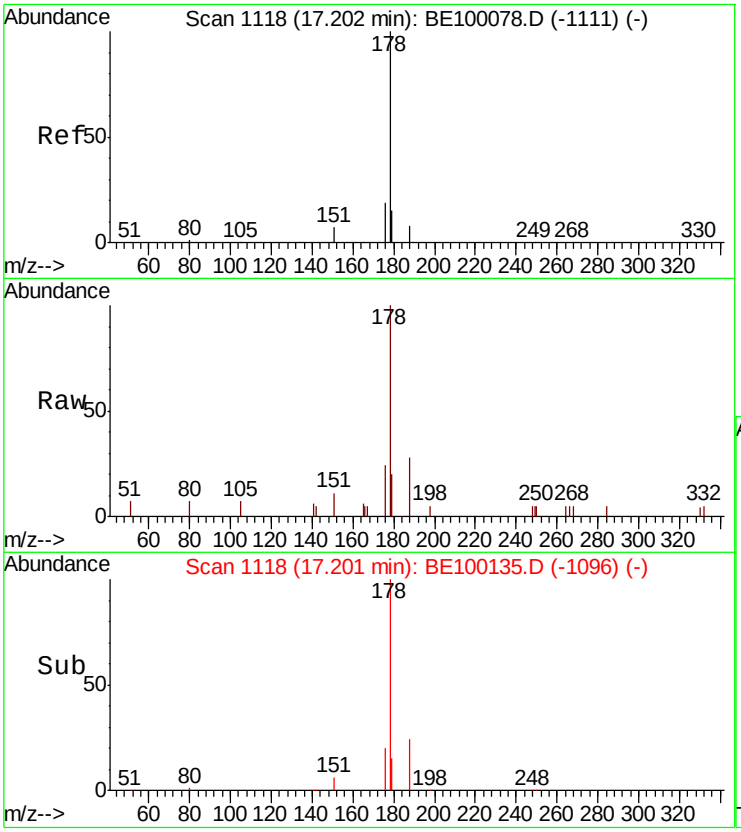


#22
Pentachlorophenol
Concen: 0.258 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:266 Resp: 18

Ion	Ratio	Lower	Upper
266	100		
264	92.2	67.8	101.6
268	96.1	70.0	105.0



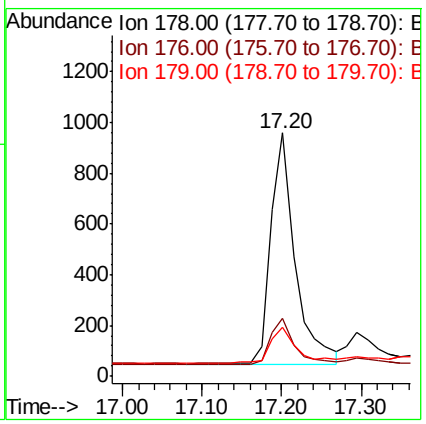


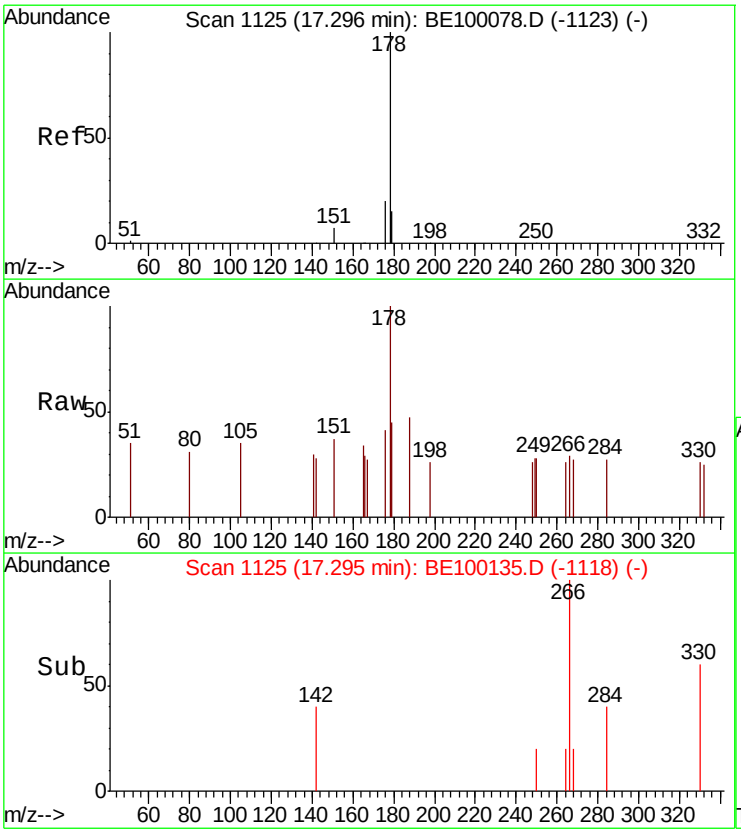
#23
Phenanthrene
Concen: 0.150 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:178 Resp: 1944

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	18.1	13.1	19.7

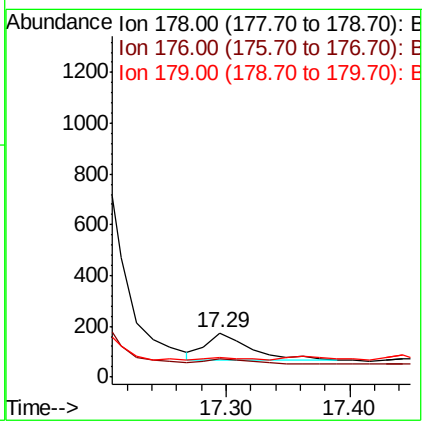


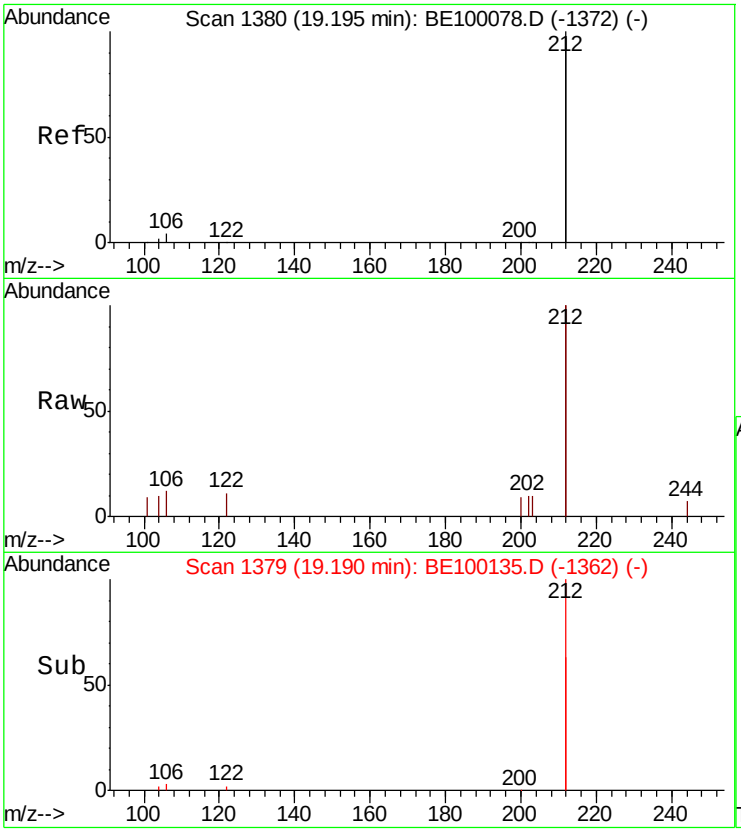


#24
Anthracene
Concen: 0.023 ng
RT: 17.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:178 Resp: 246

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.6
179	7.7	12.0	18.0#



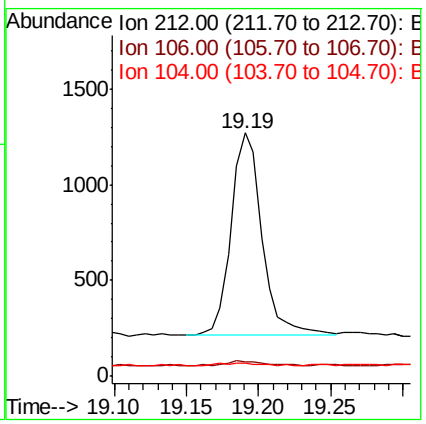


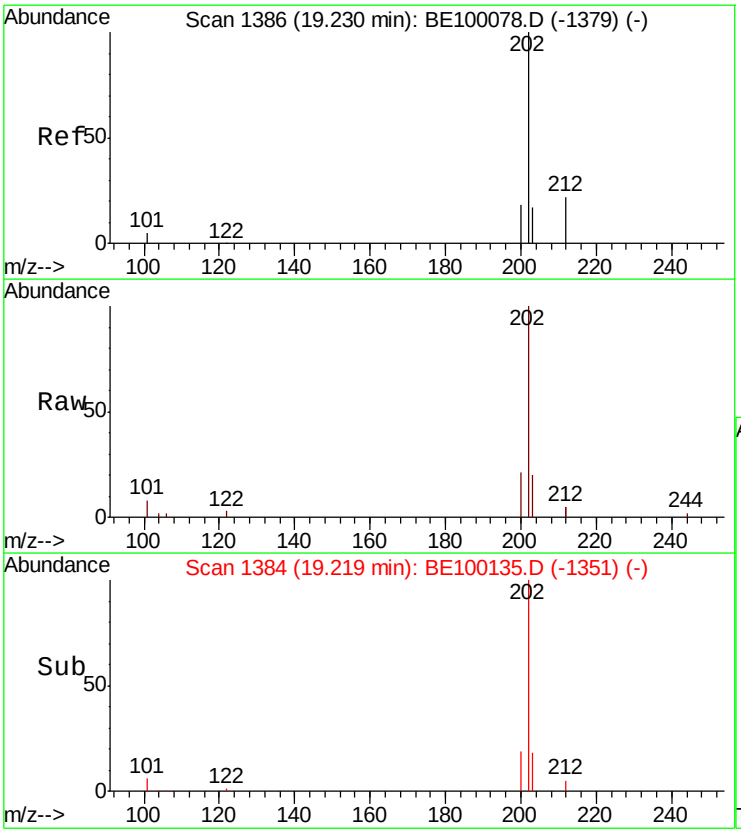
#25
Fluoranthene-d10
Concen: 0.020 ng
RT: 19.19 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:212 Resp: 1570

Ion	Ratio	Lower	Upper
212	100		
106	3.0	1.4	2.0#
104	1.9	0.8	1.2#

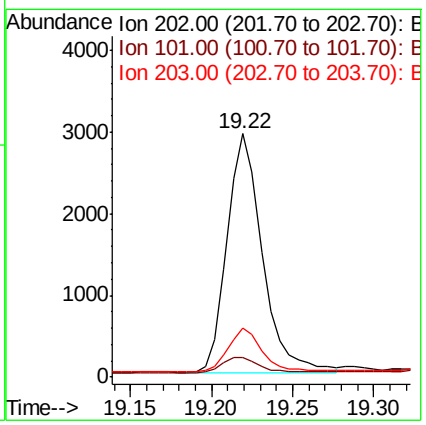


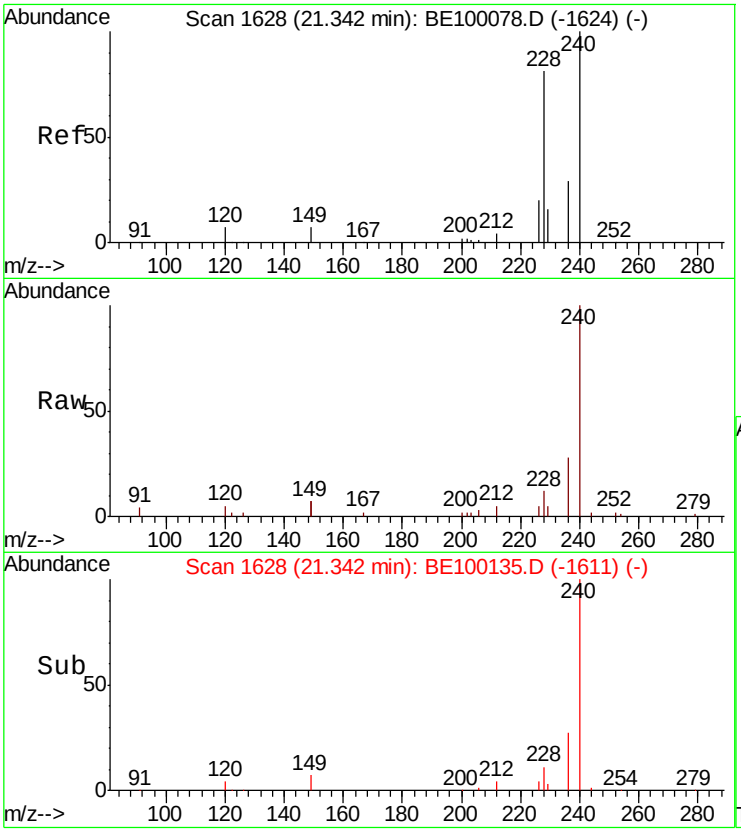


#26
Fluoranthene
Concen: 0.213 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:202 Resp: 4421

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.0	7.4
203	17.8	13.7	20.5



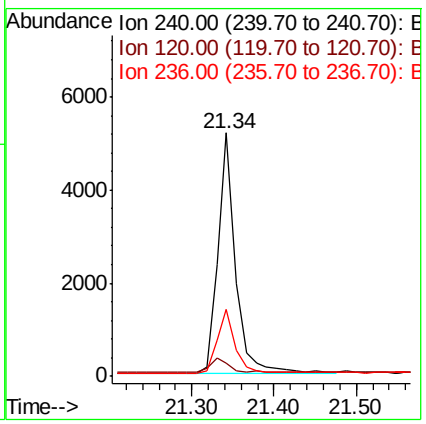


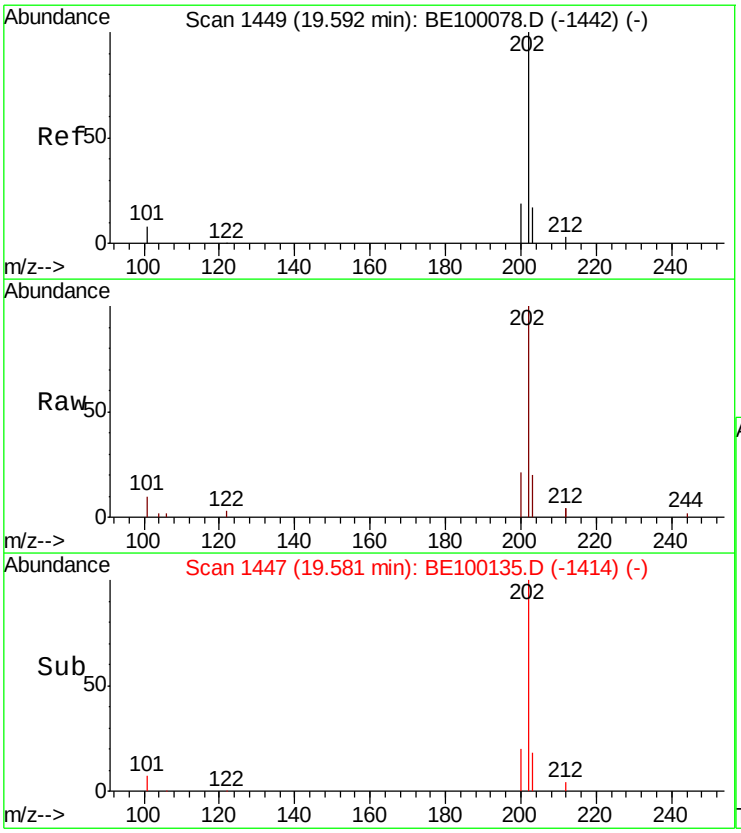
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:240 Resp: 7836

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.6	10.0#
236	27.6	23.8	35.6

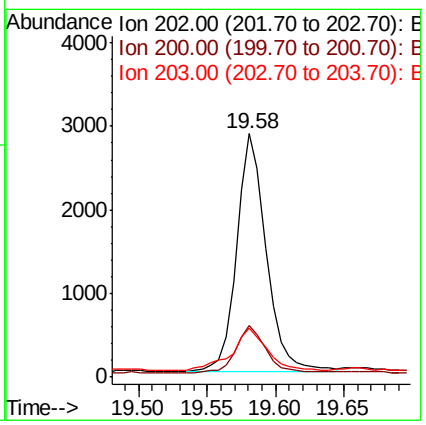


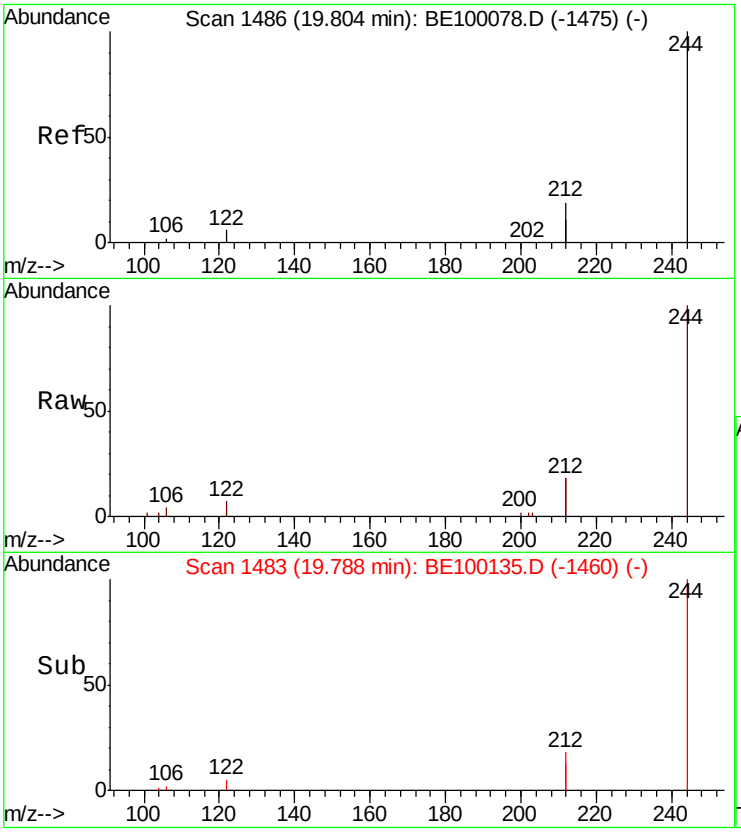


#28
Pyrene
Concen: 0.211 ng
RT: 19.58 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:202 Resp: 4251

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	20.3	13.9	20.9



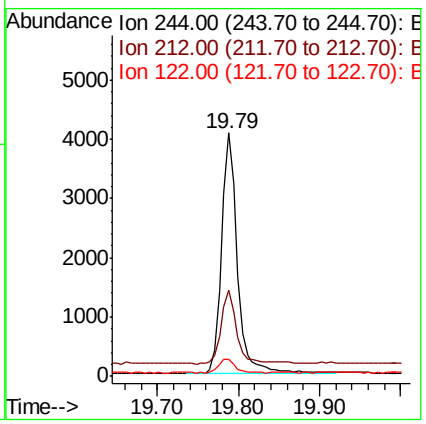


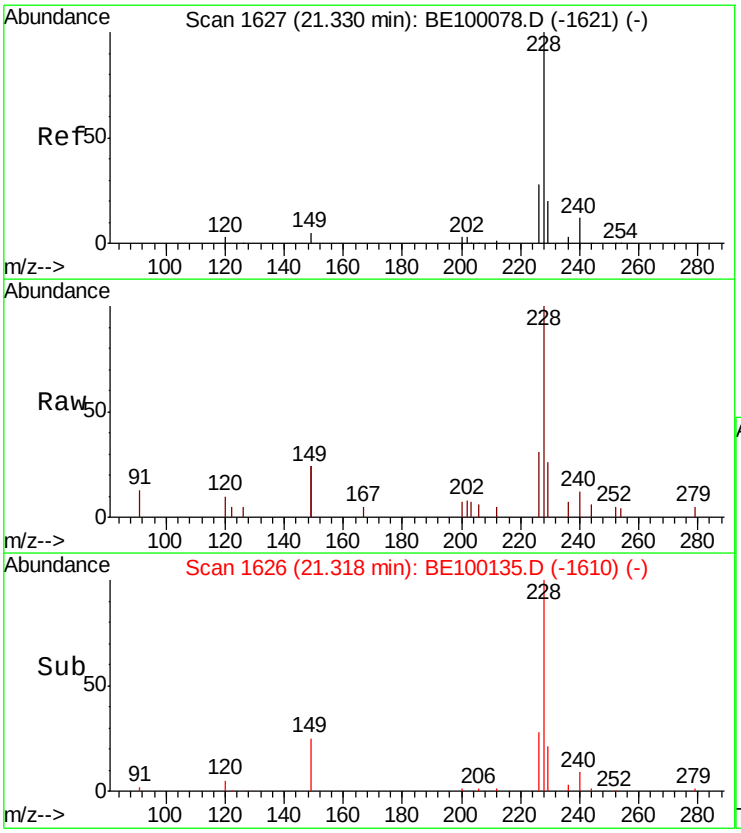
#29
Terphenyl-d14
Concen: 0.351 ng
RT: 19.79 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:244 Resp: 5505

Ion	Ratio	Lower	Upper
244	100		
212	35.3	29.8	44.8
122	7.0	6.1	9.1

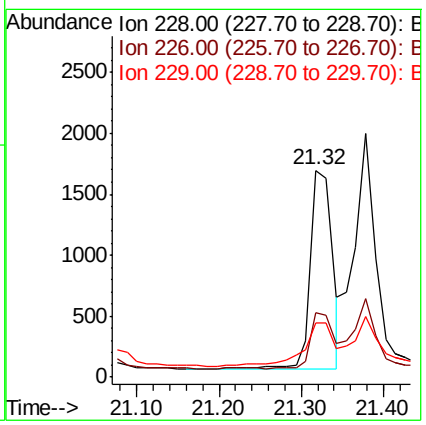


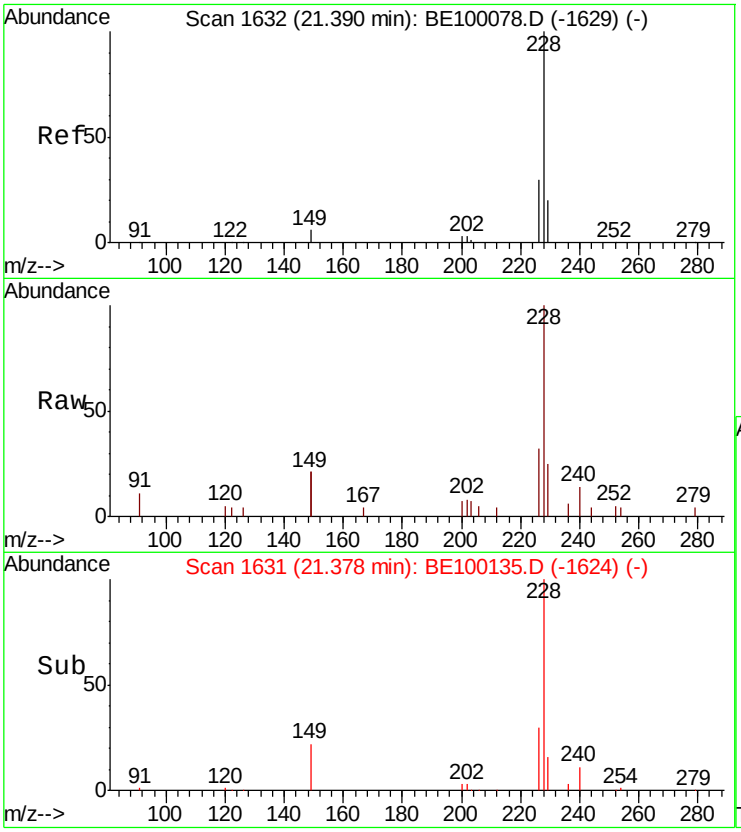


#30
Benzo(a)anthracene
Concen: 0.129 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:228 Resp: 3011

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.4
229	26.2	16.4	24.6#



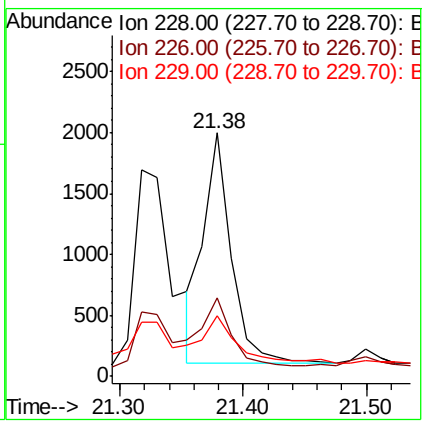


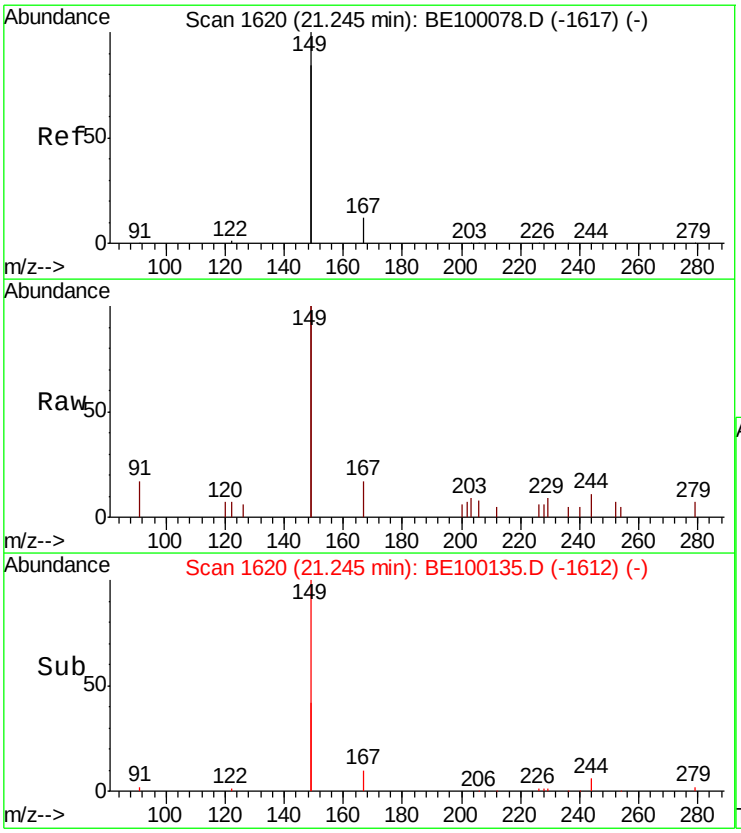
#31
Chrysene
Concen: 0.110 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:228 Resp: 2974

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.8	35.8
229	24.7	16.3	24.5#

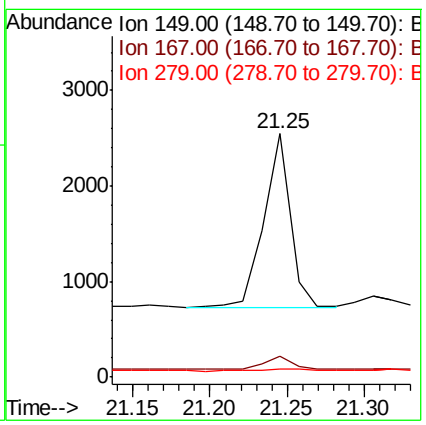


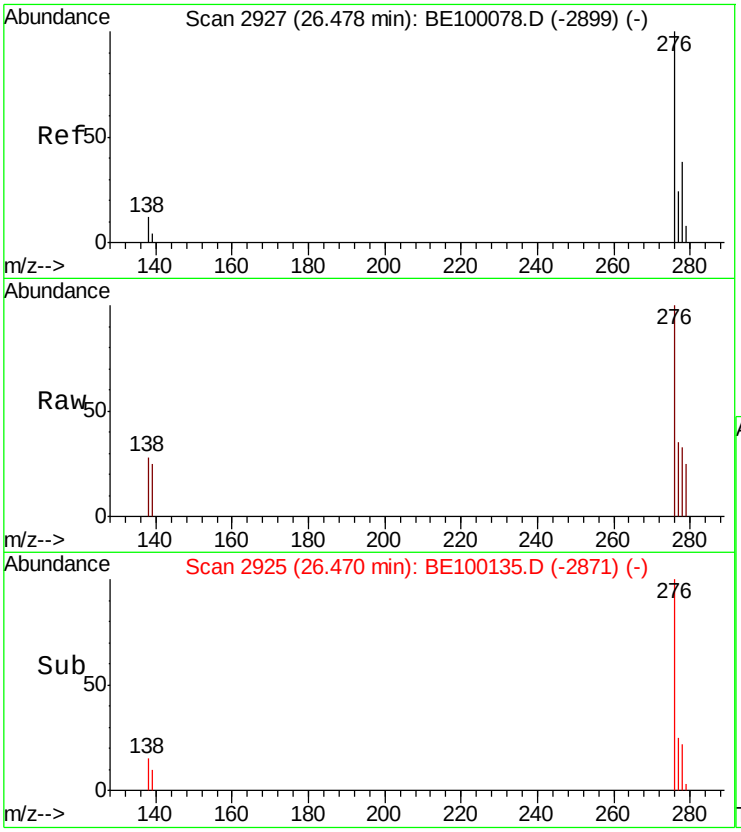


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:149 Resp: 2182

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.8	8.6
279	3.3	1.1	1.7#



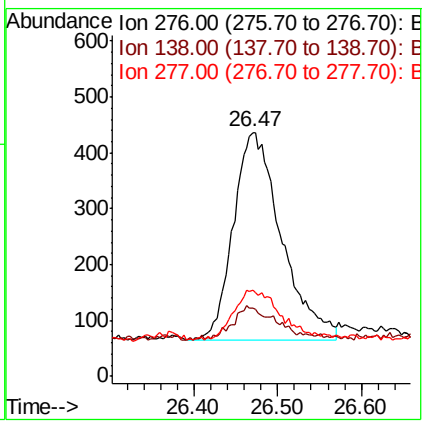


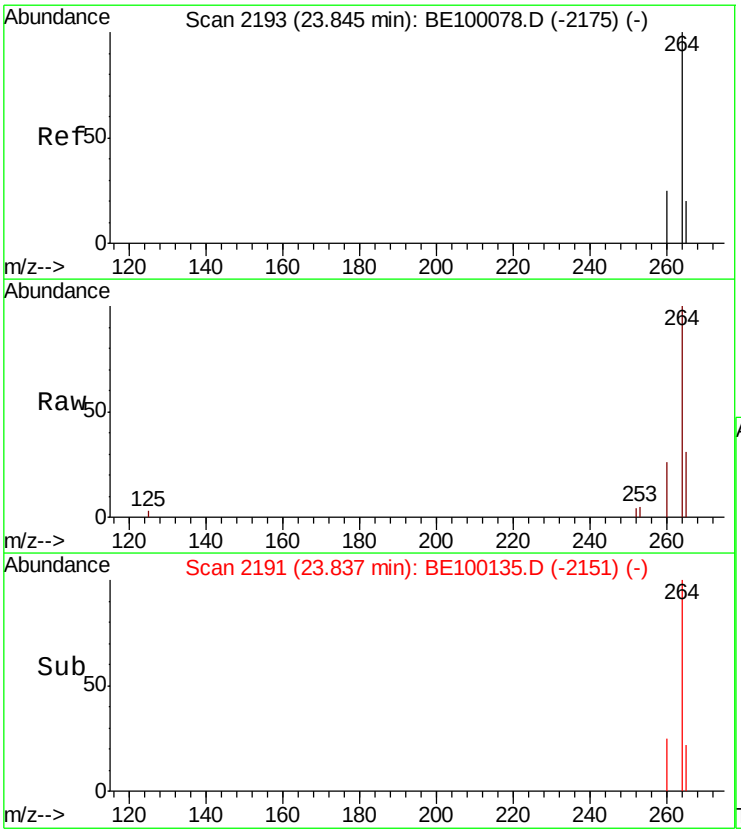
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng
RT: 26.47 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:276 Resp: 1485

Ion	Ratio	Lower	Upper
276	100		
138	9.0	4.3	6.5#
277	23.3	19.4	29.0

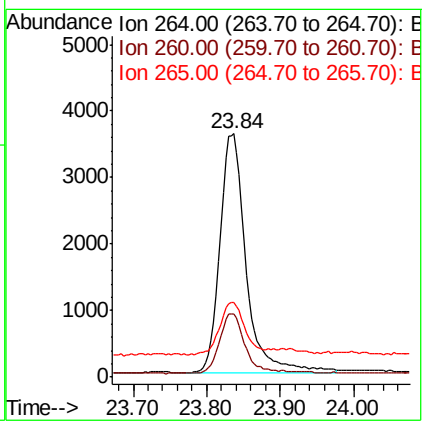


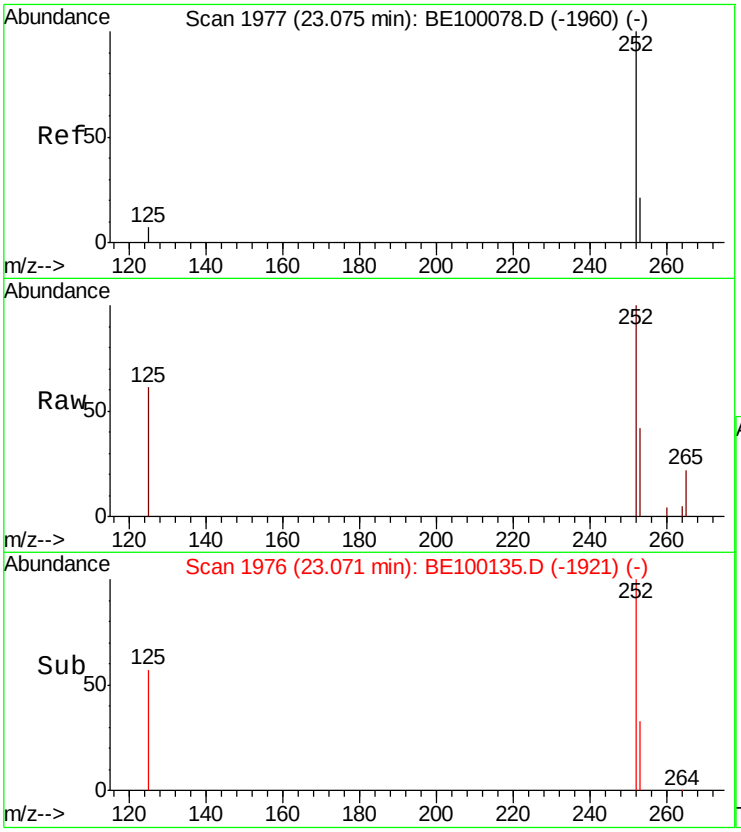


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:264 Resp: 9048

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.8	31.2
265	30.8	23.2	34.8



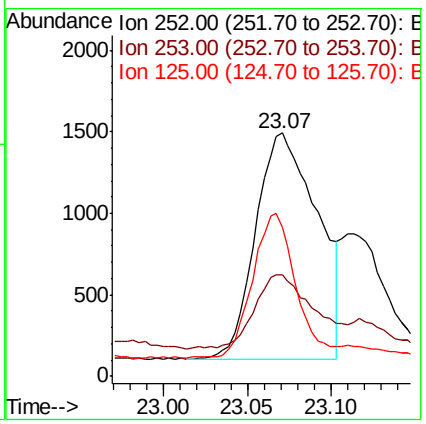


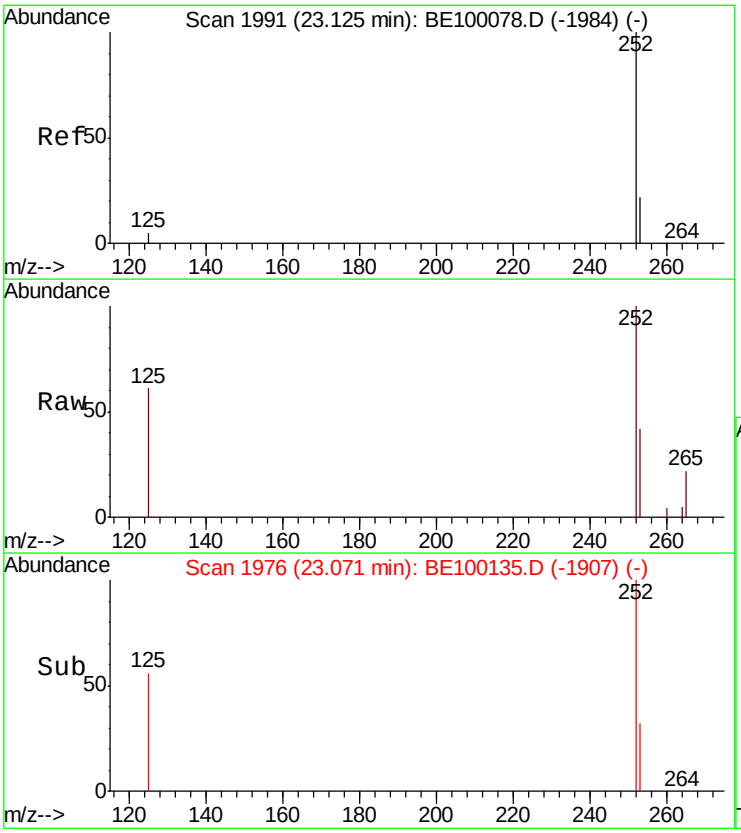
#35
Benzo(b)fluoranthene
Concen: 0.135 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:252 Resp: 3584

Ion	Ratio	Lower	Upper
252	100		
253	41.6	18.4	27.6#
125	61.0	6.4	9.6#

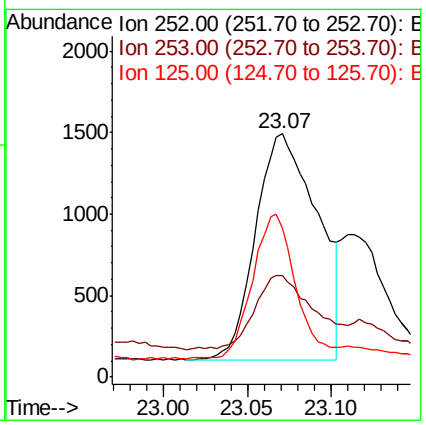


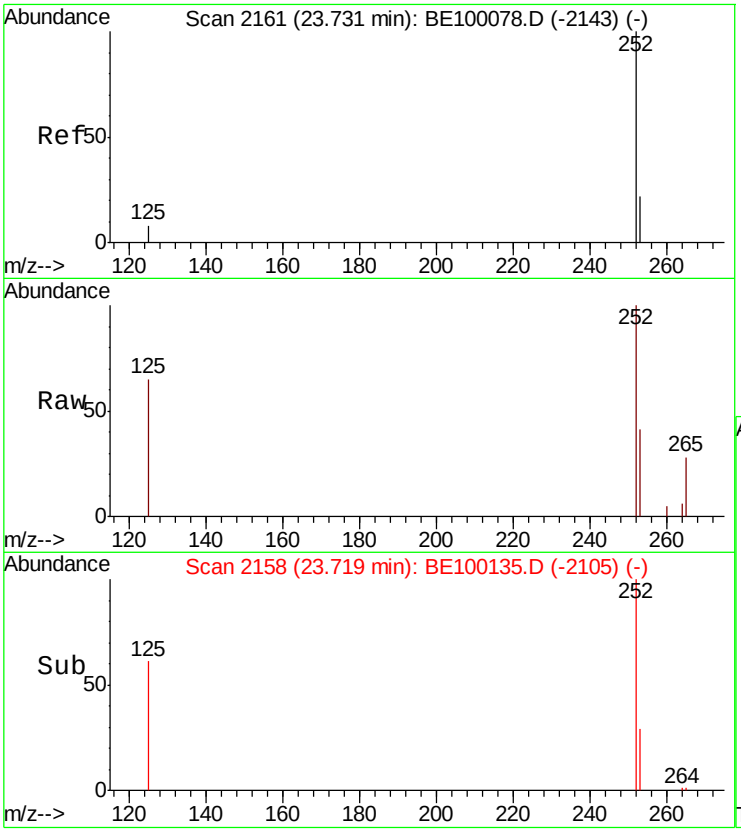


#36
Benzo(k)fluoranthene
Concen: 0.119 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.05 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:252 Resp: 3584

Ion	Ratio	Lower	Upper
252	100		
253	41.6	18.9	28.3#
125	61.0	5.3	7.9#



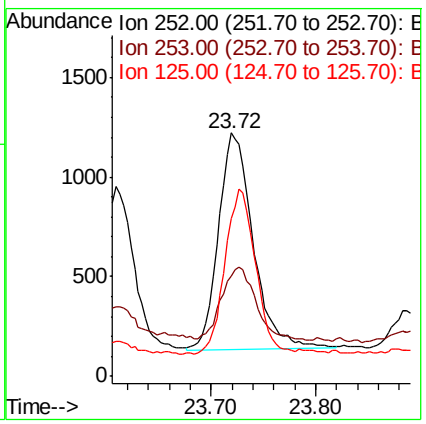


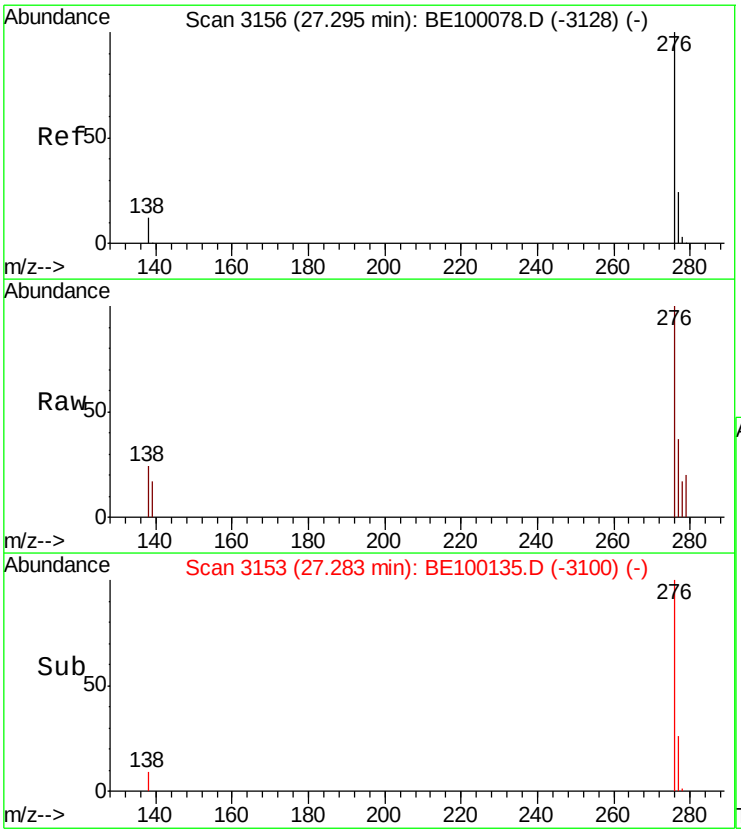
#37
Benzo(a)pyrene
Concen: 0.097 ng
RT: 23.72 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Instrument :
BNA_E
ClientSampleId :
PST-084-B044-061319

Tgt Ion:252 Resp: 2497

Ion	Ratio	Lower	Upper
252	100		
253	41.4	19.4	29.2#
125	65.1	8.0	12.0#





#39
Benzo(g,h,i)perylene
Concen: 0.054 ng
RT: 27.28 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BE100135.D
Acq: 21 Jun 2019 14:28

Tgt Ion:276 Resp: 1479

Ion	Ratio	Lower	Upper
276	100		
277	36.8	20.3	30.5#
138	24.2	11.3	16.9#