Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100326.D
Acq On : 3 Jul 2019 13:35
Operator : JU/SJ
Sample : K3504-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-001-SW014-062019

Quant Time: Jul 04 01:03:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	557	0.40	ng		-0.01
7) Naphthalene-d8	10.43	136	1781	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	1465	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	4596	0.40	ng		0.00
27) Chrysene-d12	21.24	240	6864	0.40	ng		0.00
34) Perylene-d12	23.67	264	8536	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	399	0.28	ng		0.00
5) Phenol-d6	6.84	99	614	0.33	ng		0.00
8) Nitrobenzene-d5	8.82	82	548	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	1196	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	381	0.37	ng		0.03
15) 2-Fluorobiphenyl	12.94	172	1888	0.33	ng		0.00
25) Fluoranthene-d10	19.10	212	22922	0.34	ng		0.00
29) Terphenyl-d14	19.69	244	6047	0.43	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.48	128	2691	0.137	ng	#	91
12) 2-Methylnaphthalene	12.12	142	525	0.152	ng	#	94
23) Phenanthrene	17.11	178	1246	0.112	ng		98
26) Fluoranthene	19.13	202	1516	0.085	ng		100
28) Pyrene	19.49	202	1480	0.081	ng		94
30) Benzo(a)anthracene	21.23	228	891	0.039	ng	#	61
31) Chrysene	21.28	228	1060	0.047	ng	#	74
32) Bis(2-ethylhexyl)phthalate	21.15	149	5670	0.120	ng	#	98
33) Indeno(1,2,3-cd)pyrene	26.23	276	778	0.026	ng	#	90
35) Benzo(b)fluoranthene	22.93	252	1082	0.047	ng	#	1
37) Benzo(a)pyrene	23.56	252	888	0.038	ng	#	1
39) Benzo(g,h,i)perylene	27.02	276	977	0.039	ng	#	53

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

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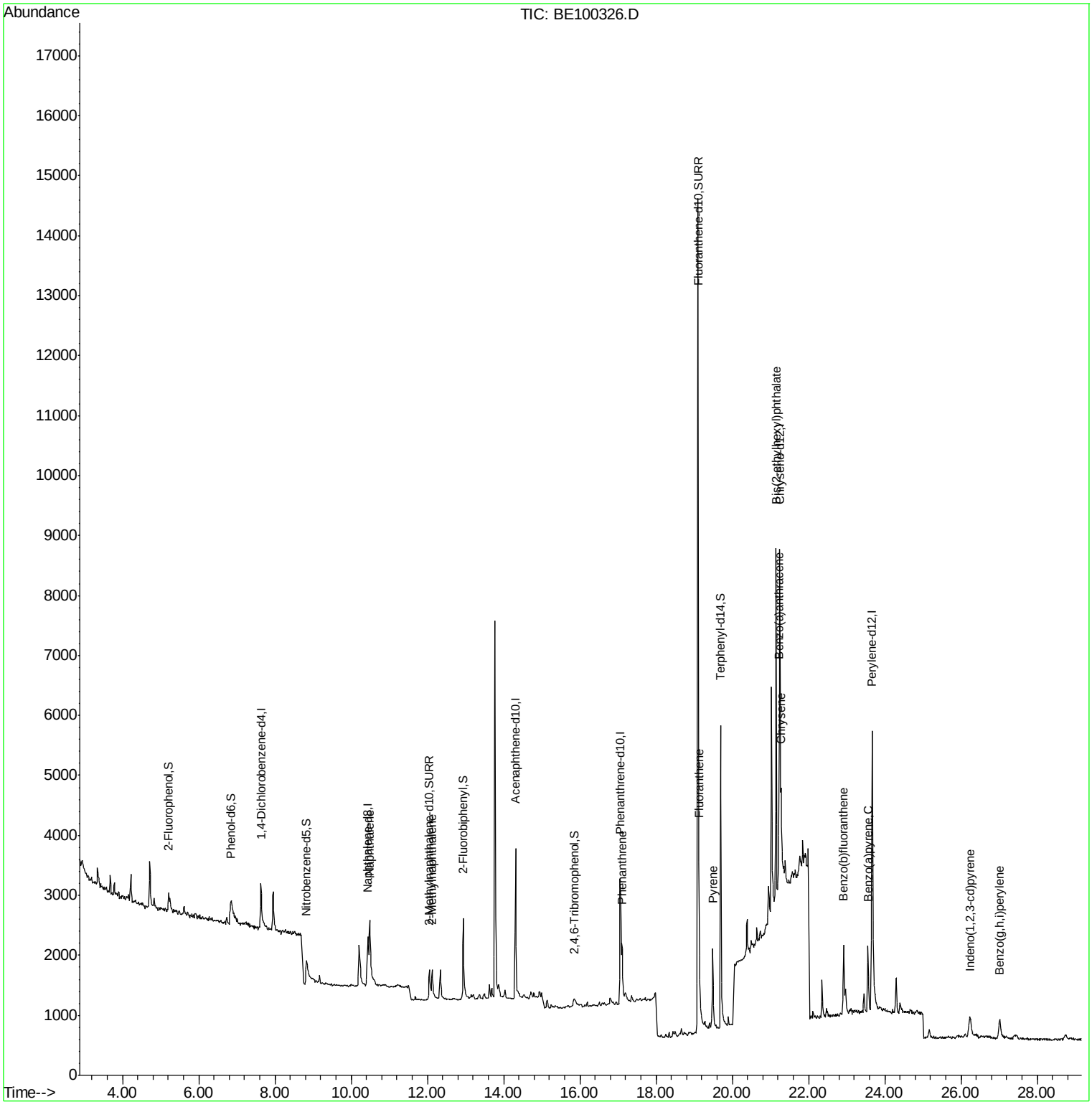
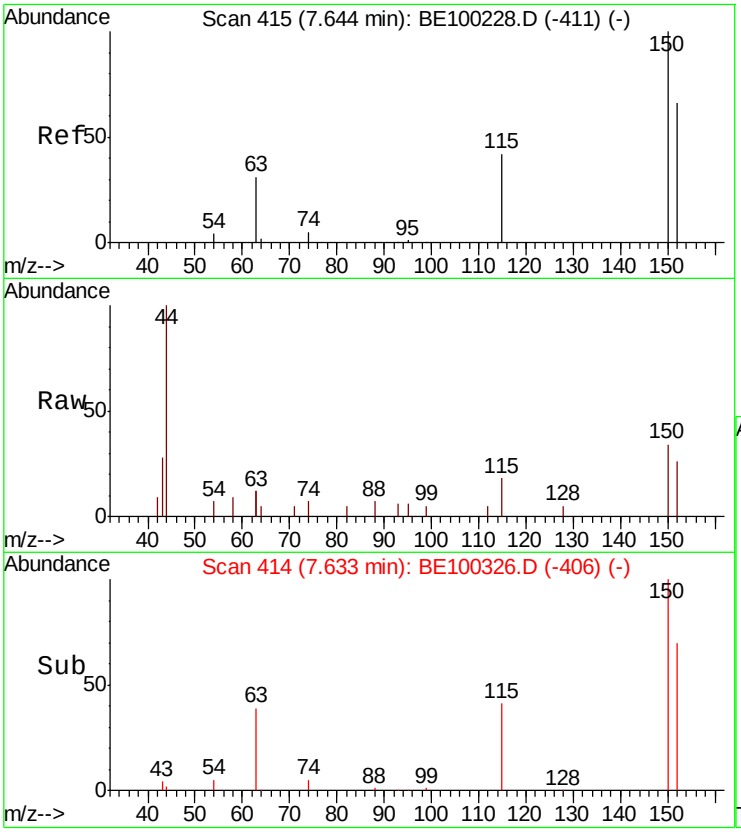


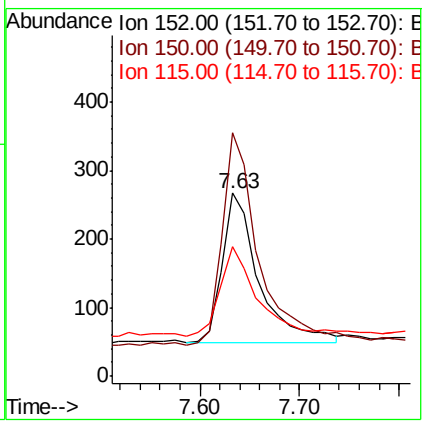


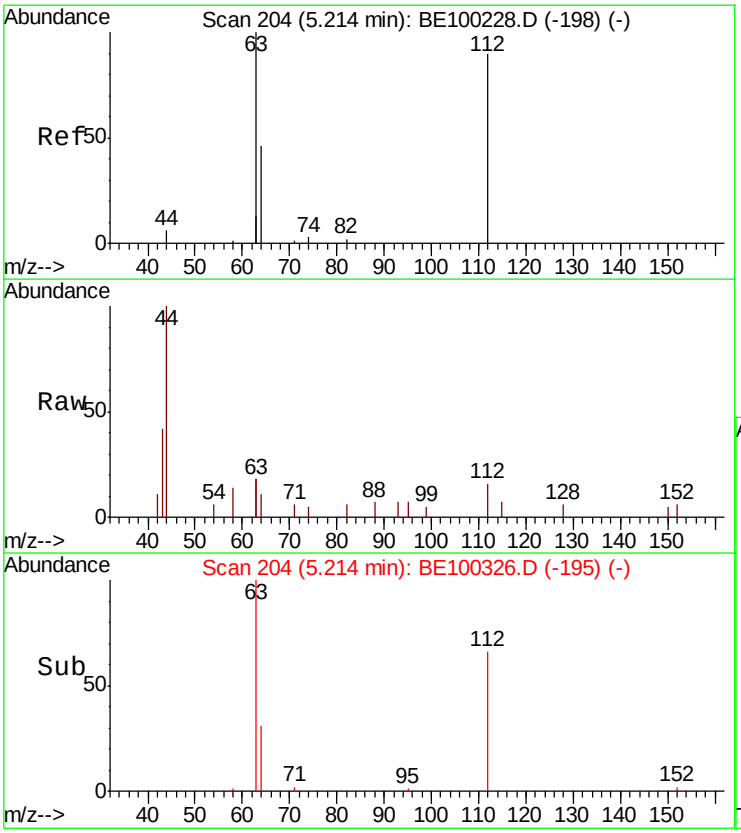
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:152 Resp: 557

Ion	Ratio	Lower	Upper
152	100		
150	133.0	114.5	171.7
115	70.4	57.1	85.7

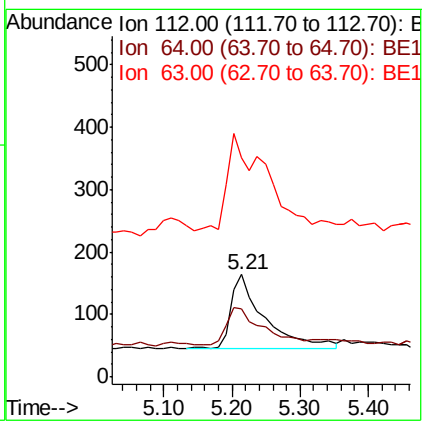


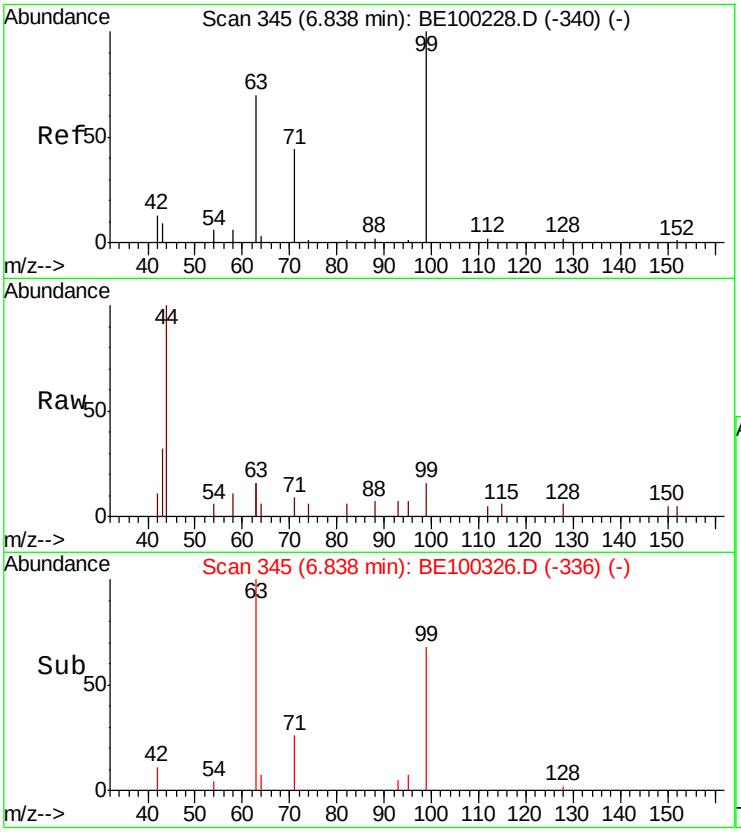


#4
2-Fluorophenol
Concen: 0.281 ng
RT: 5.21 min Scan# 204
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:112 Resp: 399

Ion	Ratio	Lower	Upper
112	100		
64	55.1	39.4	59.0
63	160.7	104.5	156.7#



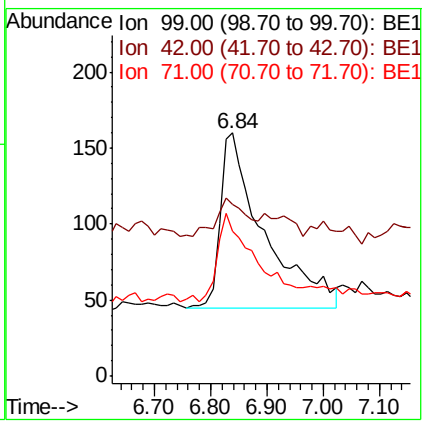


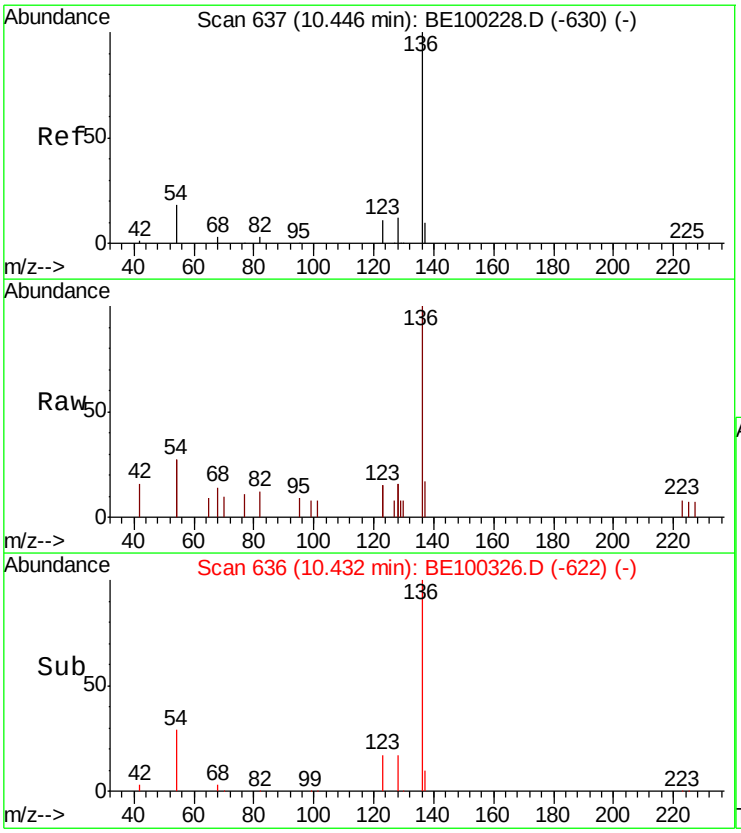
#5
Phenol-d6
Concen: 0.329 ng
RT: 6.84 min Scan# 345
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion: 99 Resp: 614

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.2	16.8
71	45.0	37.2	55.8

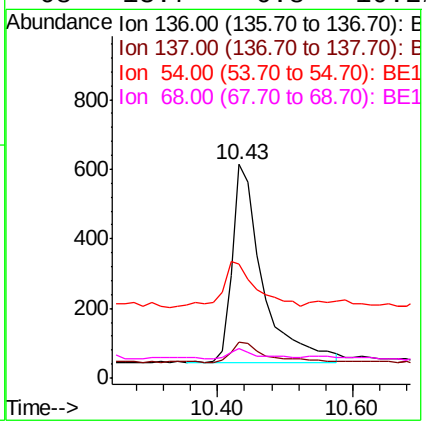


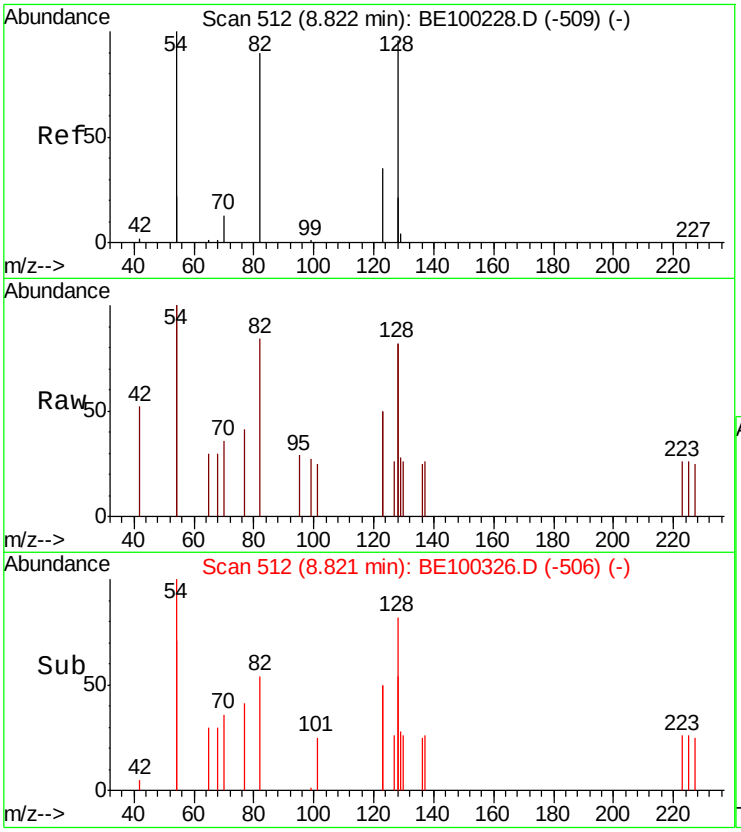


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:136 Resp: 1781

Ion	Ratio	Lower	Upper
136	100		
137	16.9	11.8	17.8
54	53.1	27.7	41.5#
68	13.7	6.8	10.2#



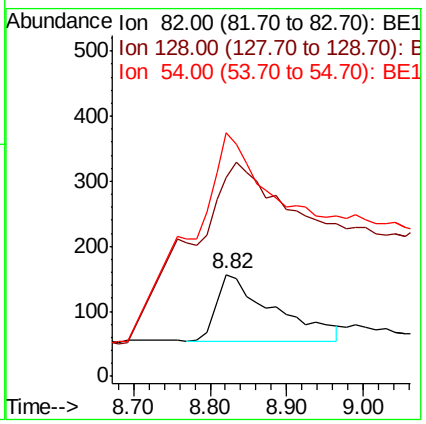


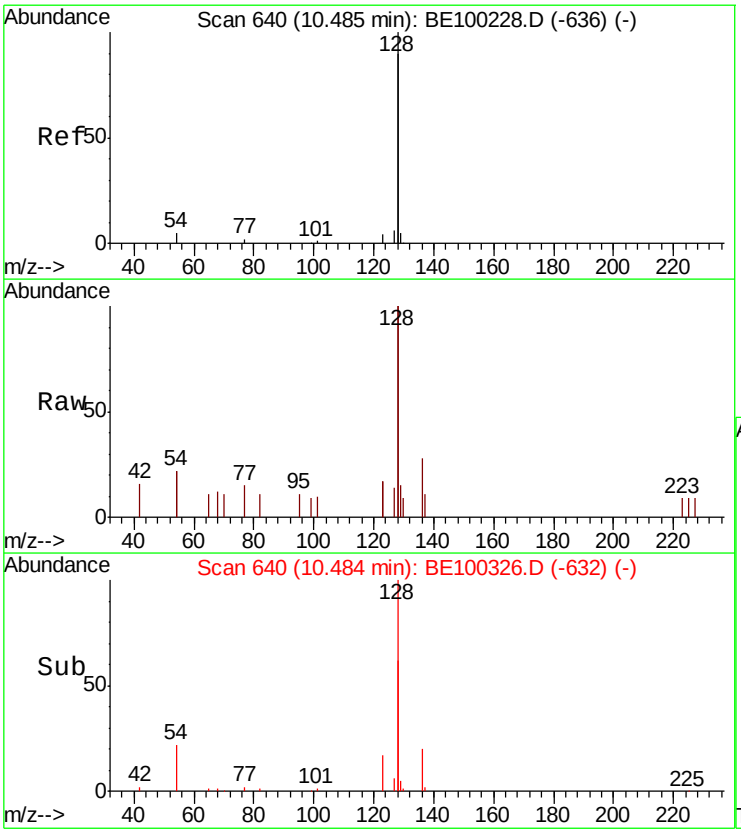
#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion: 82 Resp: 548

Ion	Ratio	Lower	Upper
82	100		
128	194.9	140.9	211.3
54	238.2	146.2	219.2#

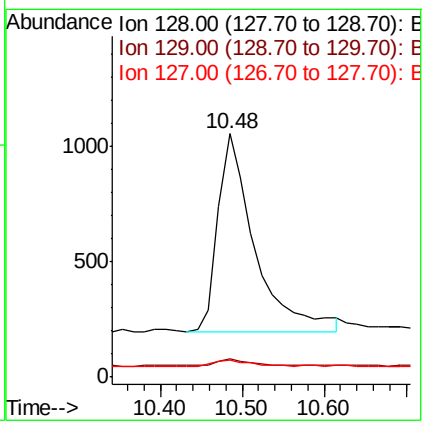


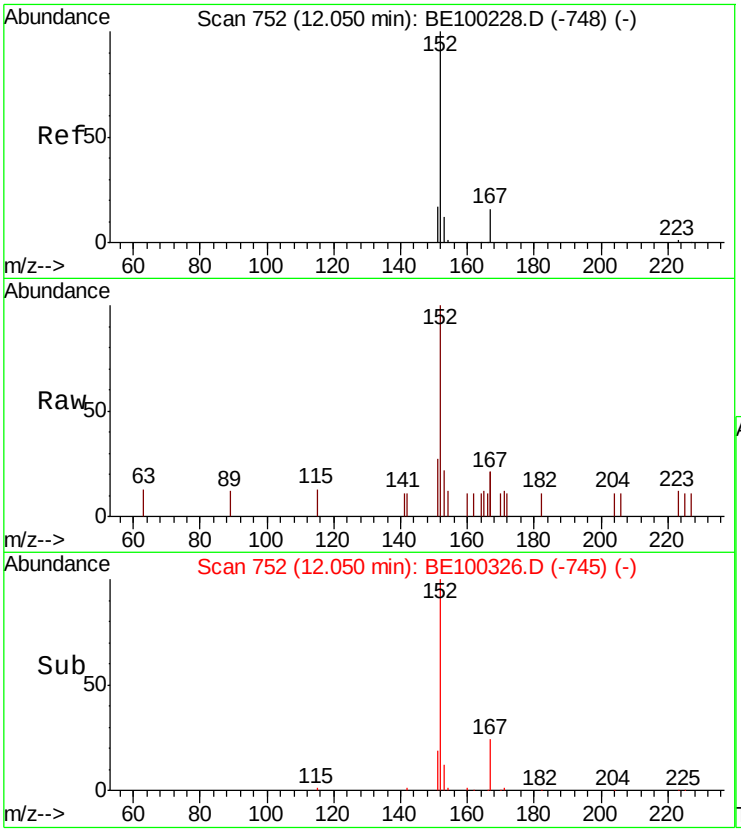


#9
Naphthalene
Concen: 0.137 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:128 Resp: 2691

Ion	Ratio	Lower	Upper
128	100		
129	7.4	3.0	4.6#
127	7.1	3.5	5.3#



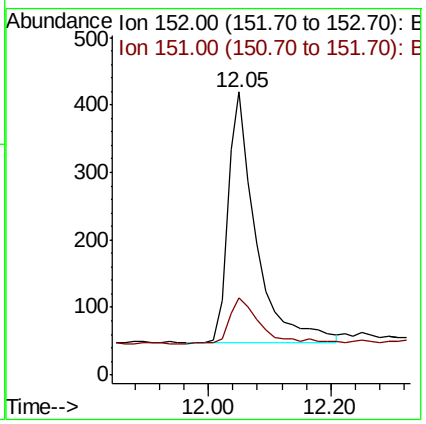


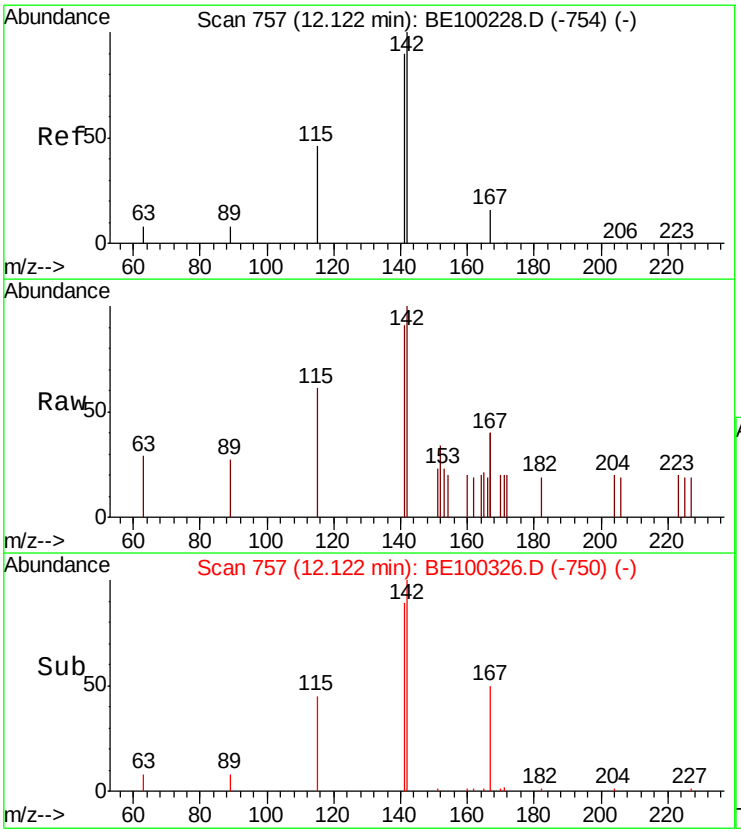
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:152 Resp: 1196

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

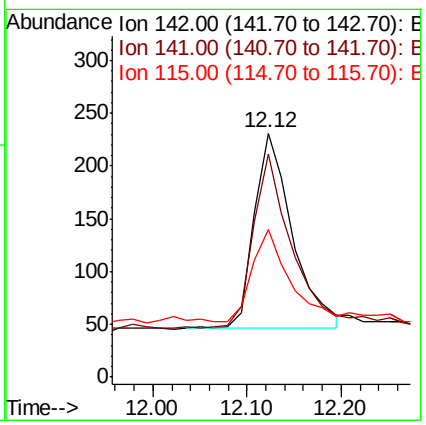


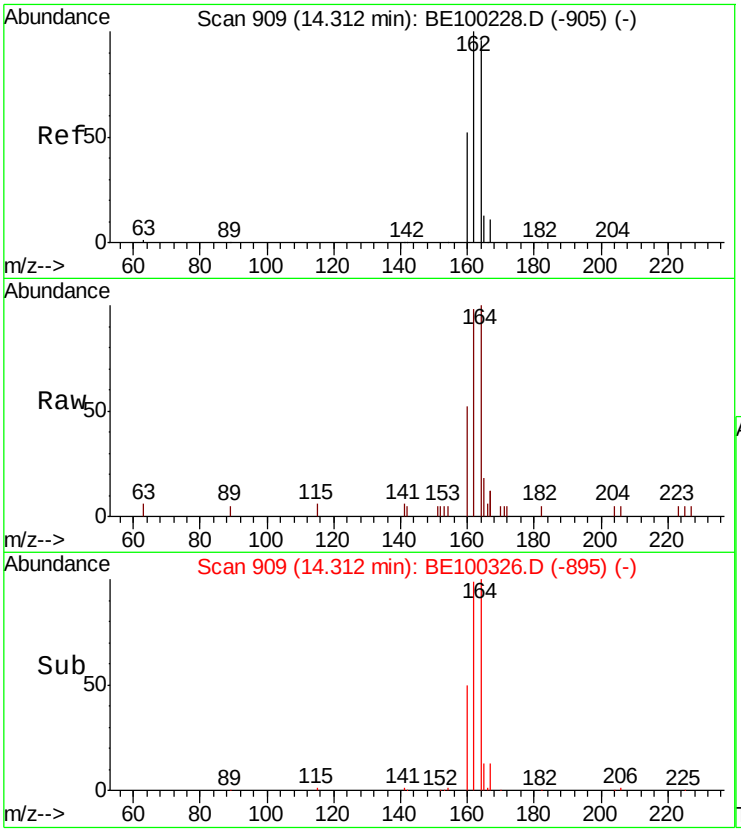


#12
2-Methylnaphthalene
Concen: 0.152 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:142 Resp: 525

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.4	108.6
115	60.6	40.4	60.6#



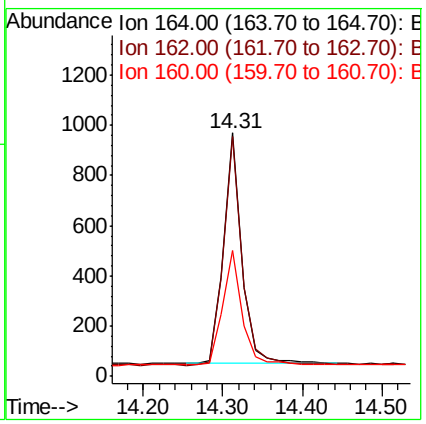


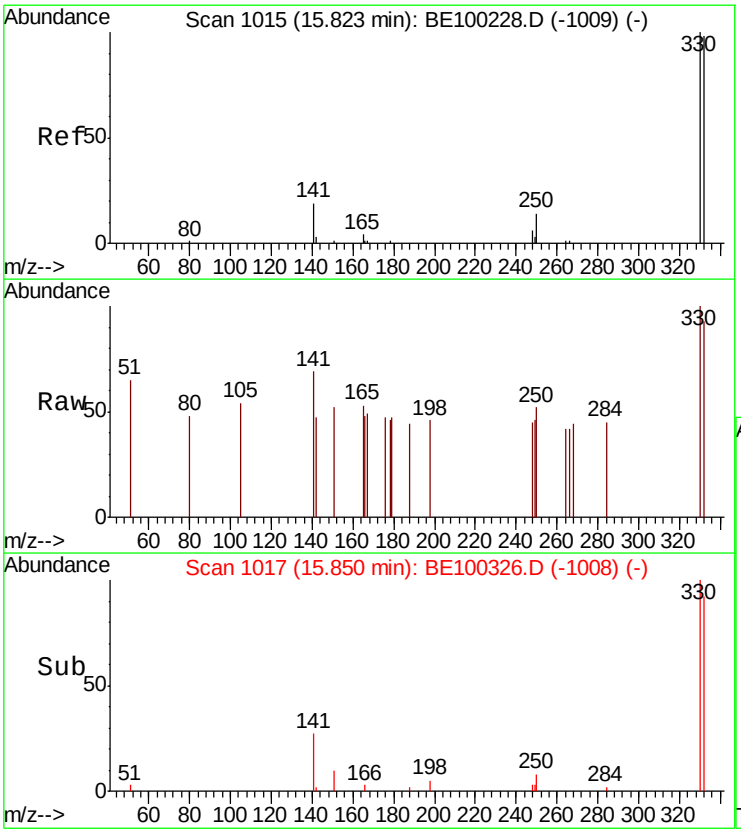
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:164 Resp: 1465

Ion	Ratio	Lower	Upper
164	100		
162	98.2	83.4	125.0
160	51.8	45.0	67.6

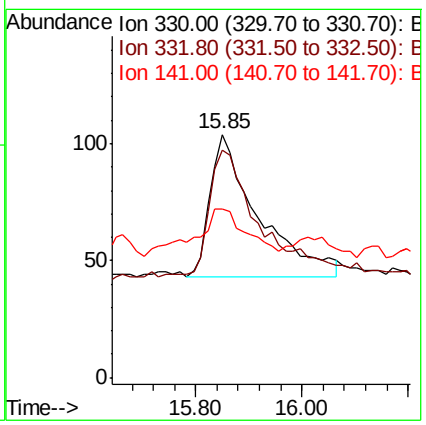


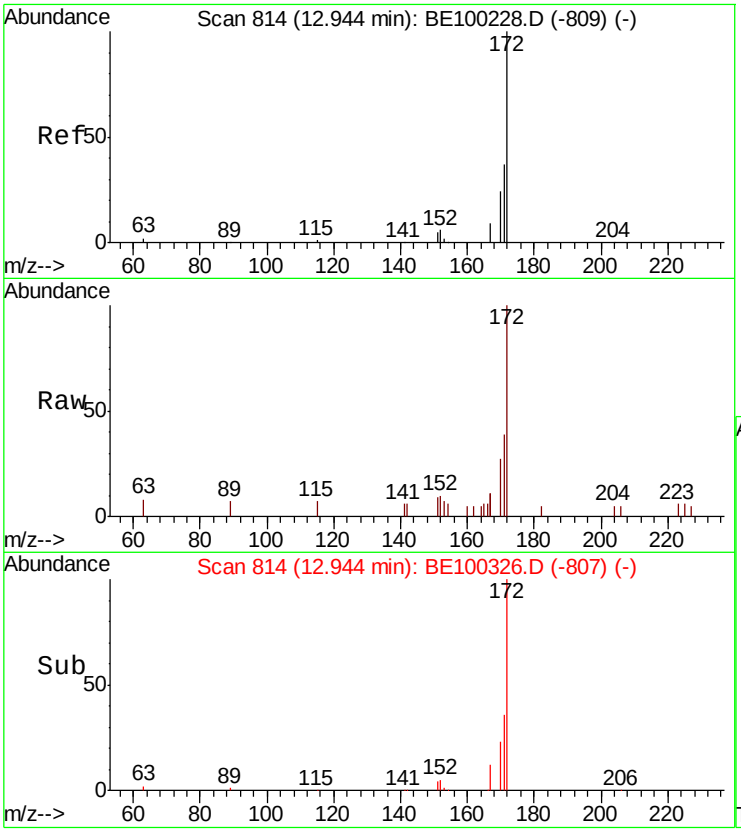


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.03 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:330 Resp: 381

Ion	Ratio	Lower	Upper
330	100		
332	87.4	77.0	115.4
141	23.4	22.0	33.0



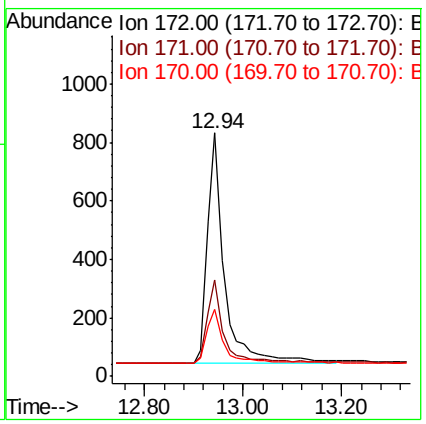


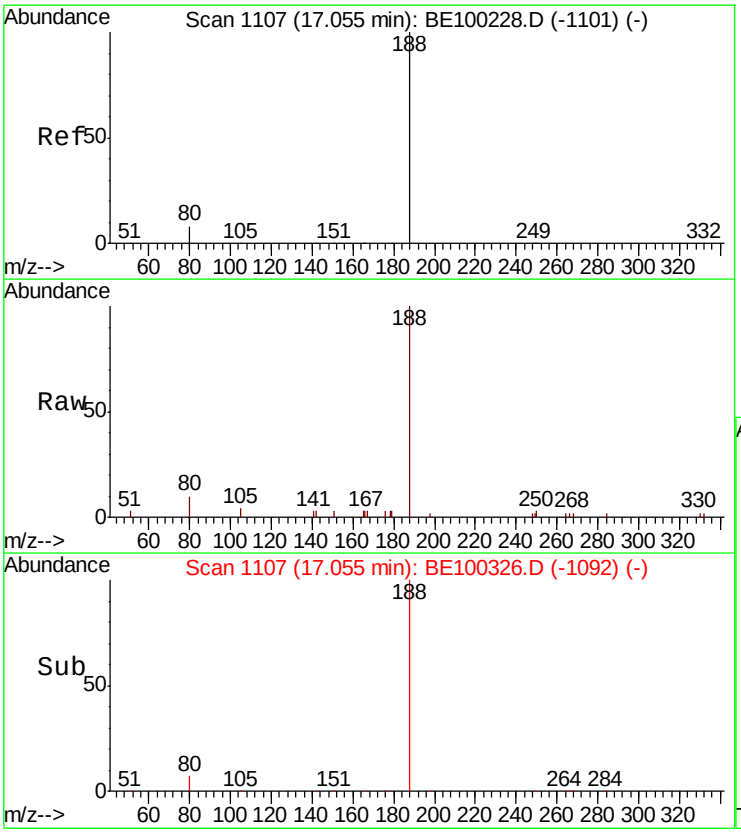
#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:172 Resp: 1888

Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.9	47.9
170	27.5	22.2	33.2

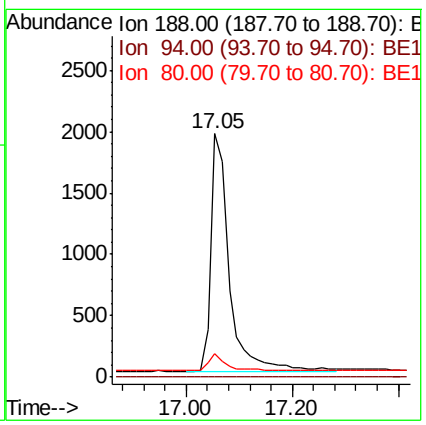


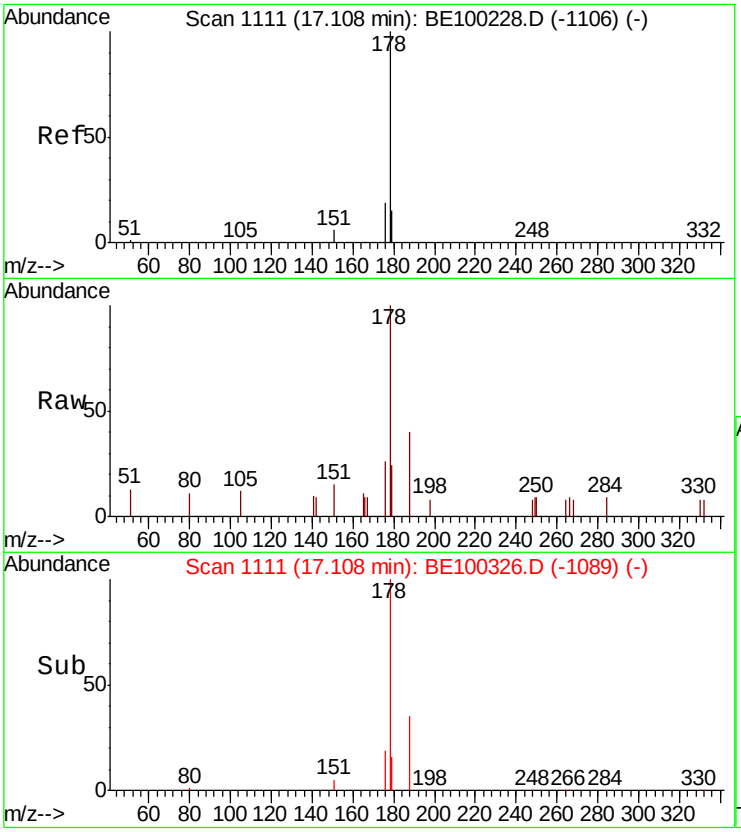


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:188 Resp: 4596

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.6	11.4



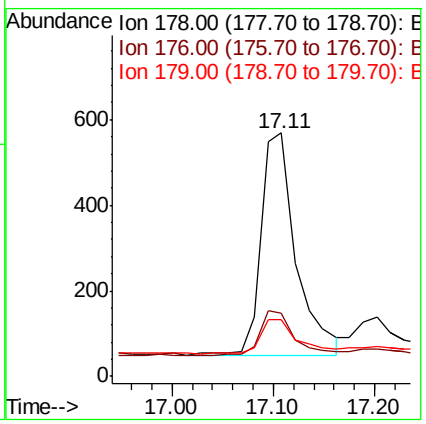


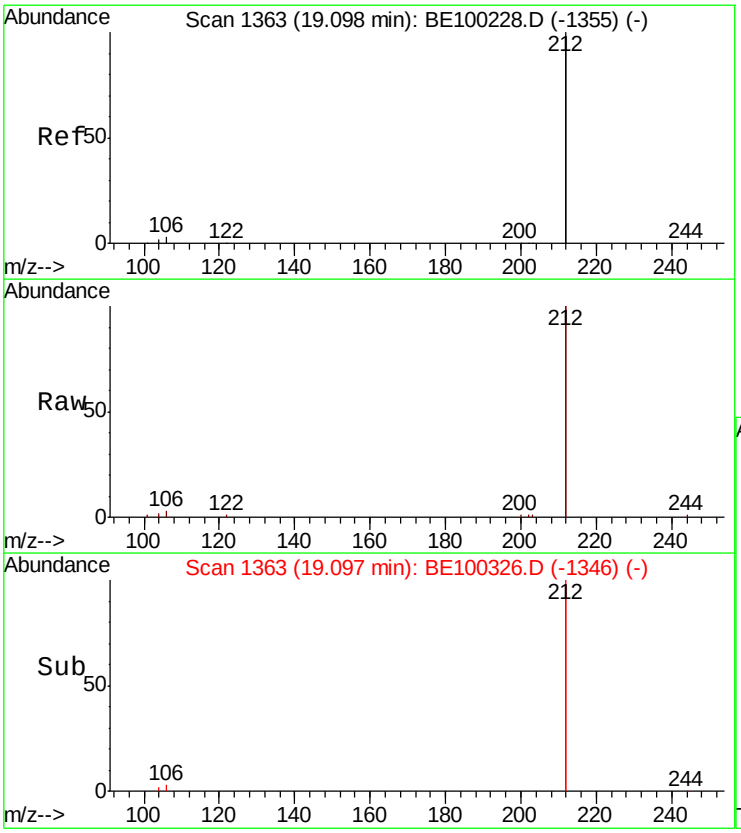
#23
Phenanthrene
Concen: 0.112 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:178 Resp: 1246

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	17.0	12.2	18.2

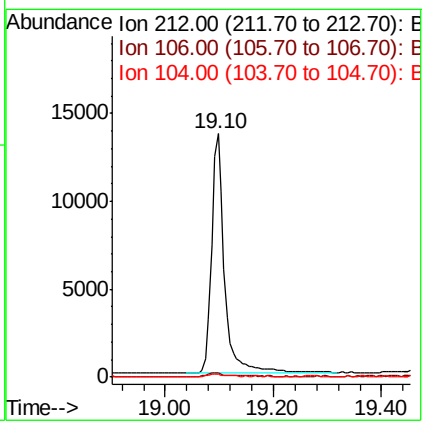


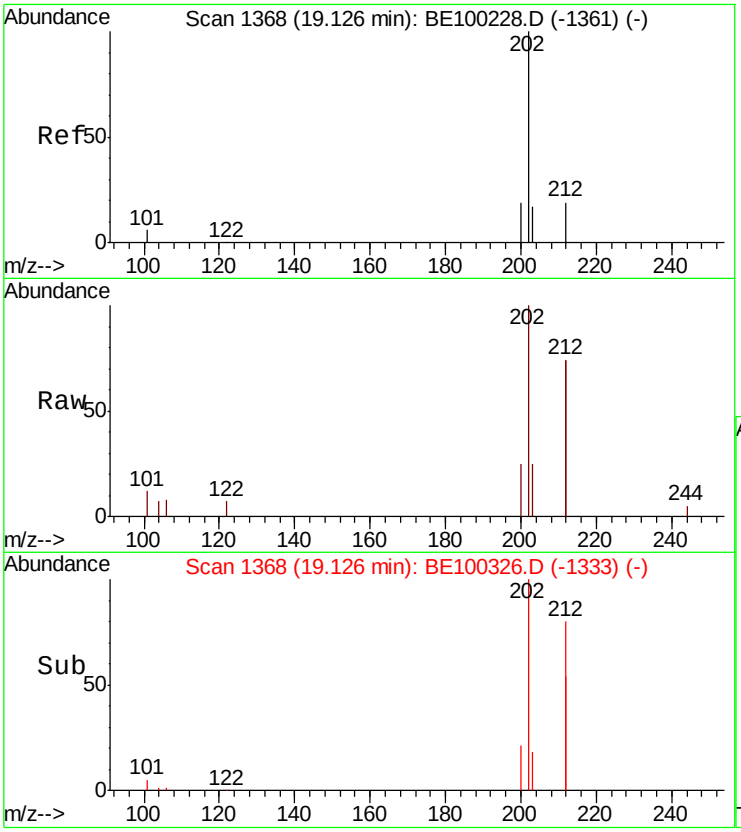


#25
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:212 Resp: 22922

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	0.9	0.8	1.2



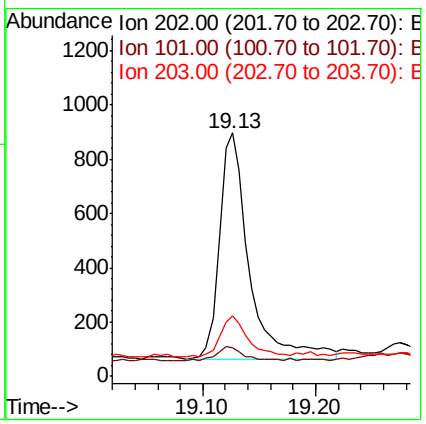


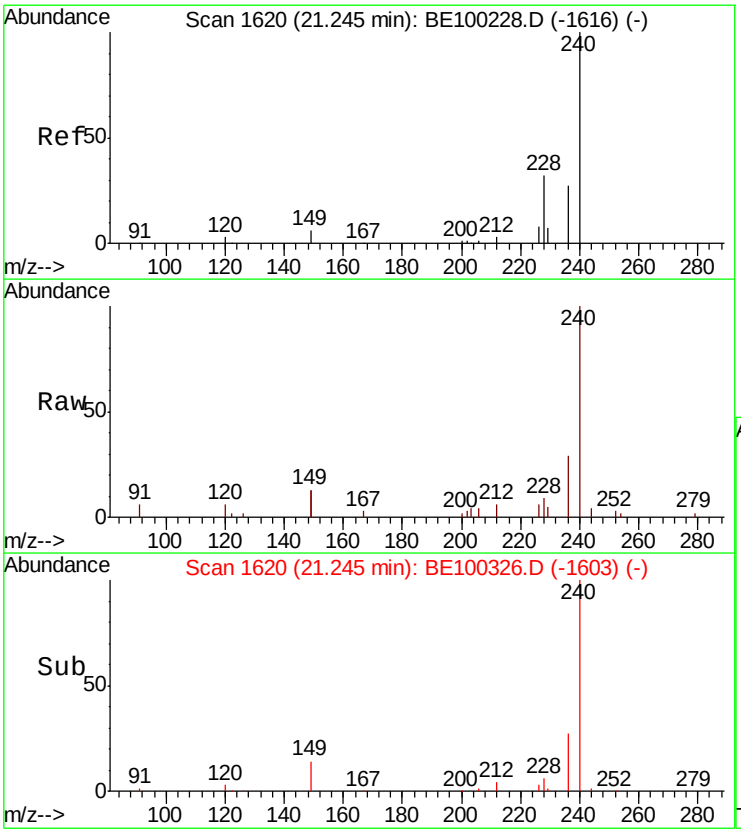
#26
Fluoranthene
Concen: 0.085 ng
RT: 19.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:202 Resp: 1516

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	17.1	13.7	20.5

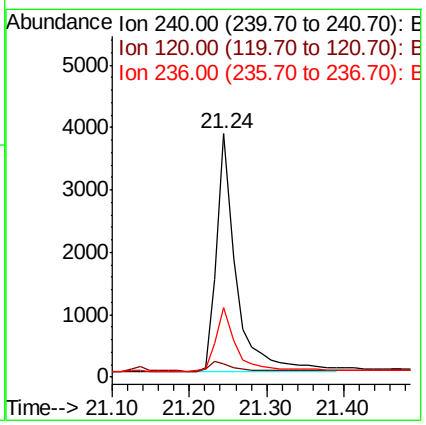


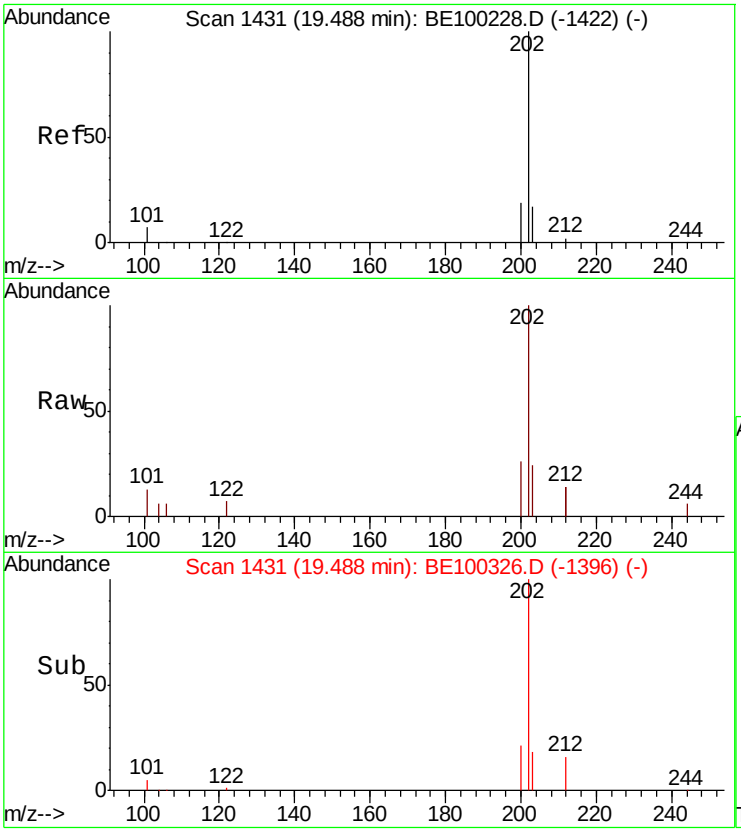


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:240 Resp: 6864

Ion	Ratio	Lower	Upper
240	100		
120	5.7	3.3	4.9#
236	28.6	22.6	34.0



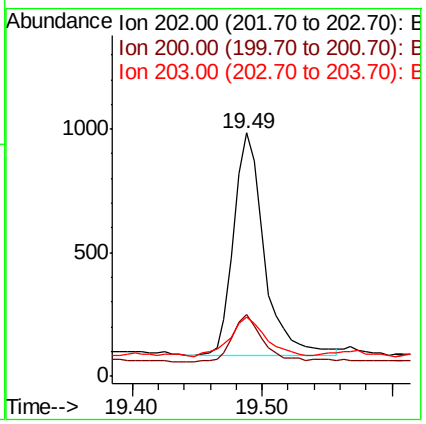


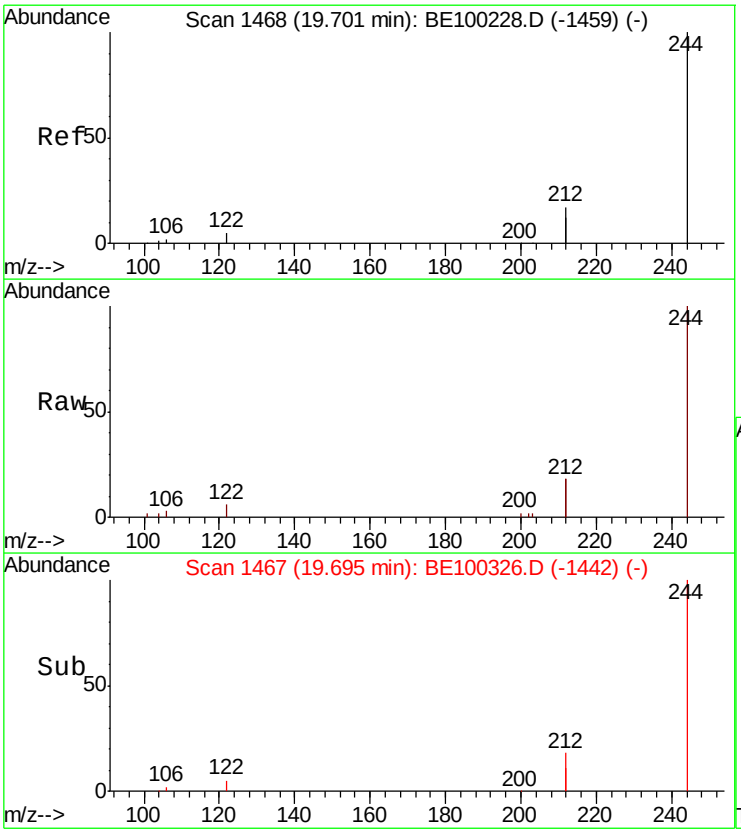
#28
Pyrene
Concen: 0.081 ng
RT: 19.49 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:202 Resp: 1480

Ion	Ratio	Lower	Upper
202	100		
200	21.4	15.6	23.4
203	20.9	14.0	21.0

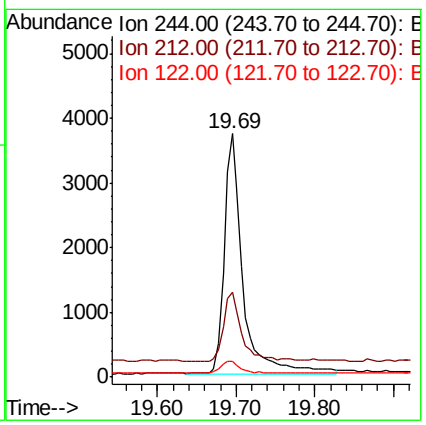


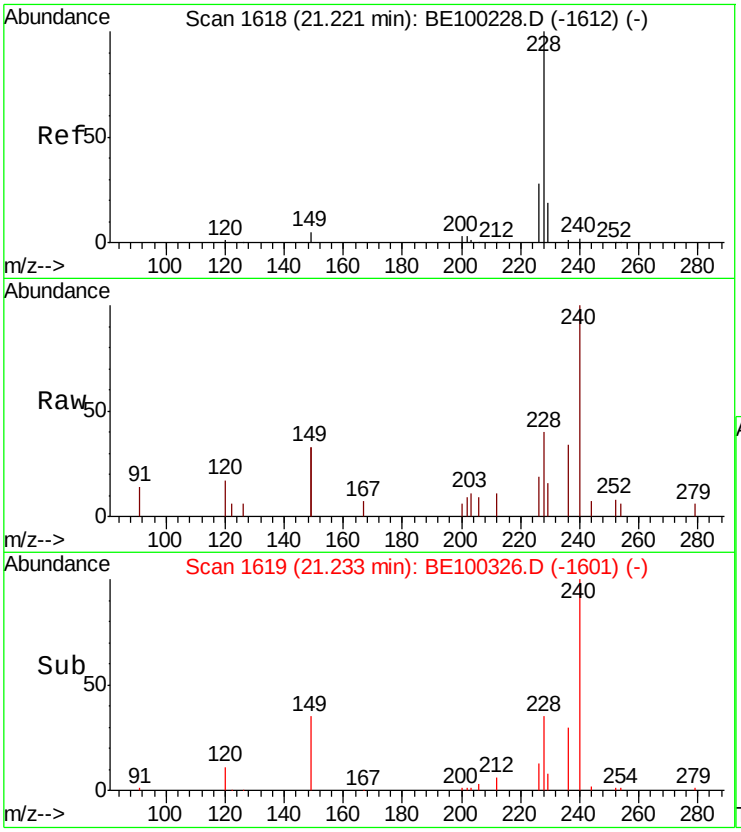


#29
Terphenyl-d14
Concen: 0.425 ng
RT: 19.69 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:244 Resp: 6047

Ion	Ratio	Lower	Upper
244	100		
212	35.0	27.3	40.9
122	6.5	4.7	7.1



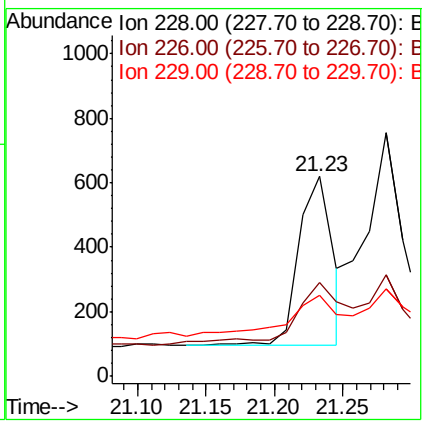


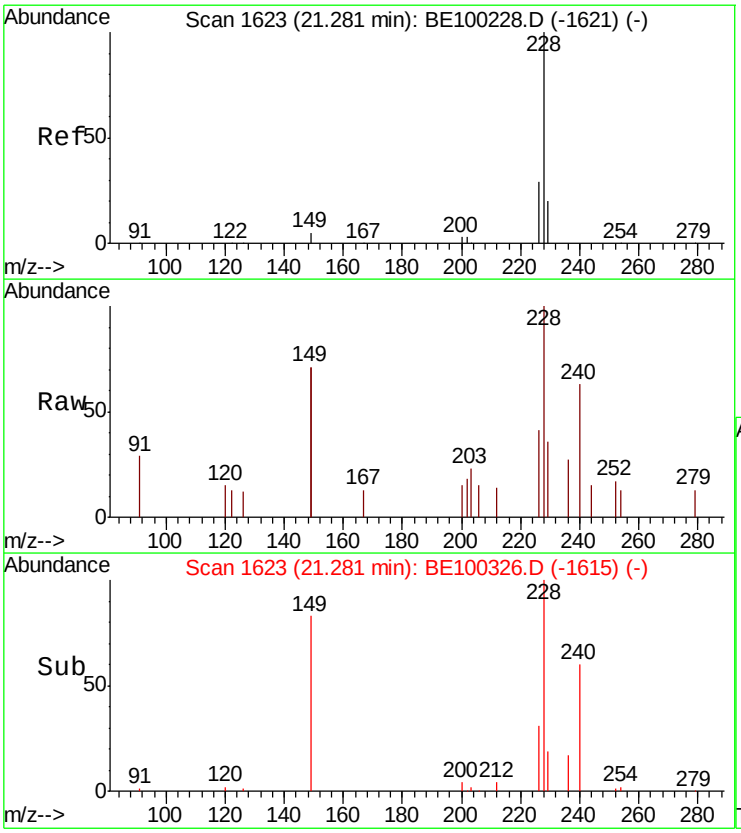
#30
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:228 Resp: 891

Ion	Ratio	Lower	Upper
228	100		
226	47.2	23.2	34.8#
229	40.4	15.7	23.5#

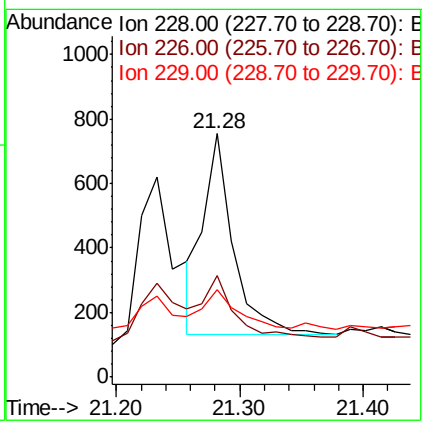


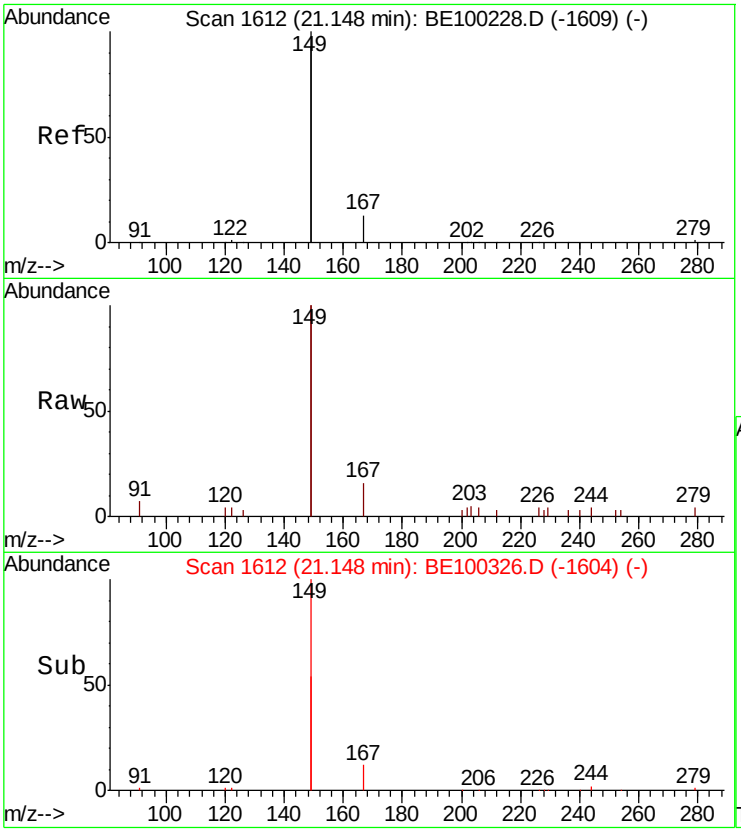


#31
Chrysene
Concen: 0.047 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:228 Resp: 1060

Ion	Ratio	Lower	Upper
228	100		
226	41.5	23.9	35.9#
229	35.9	16.5	24.7#



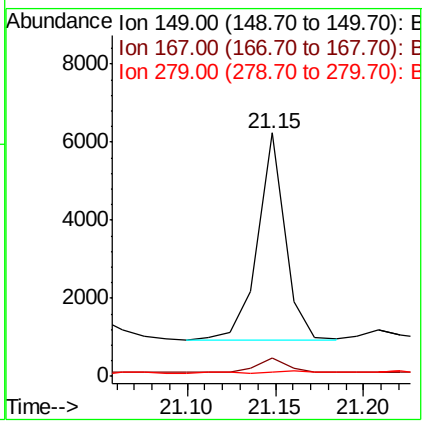


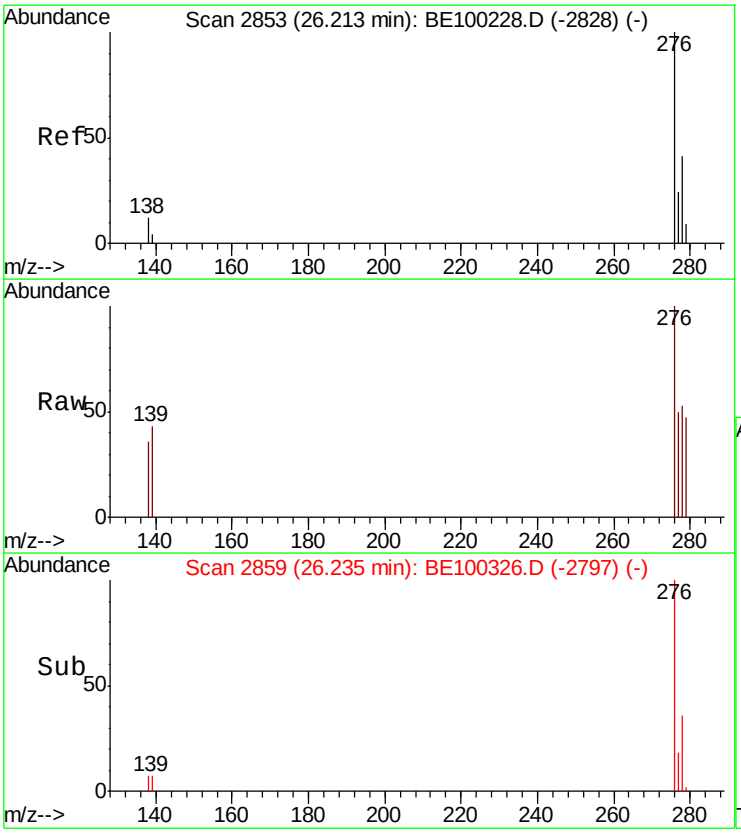
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:149 Resp: 5670

Ion	Ratio	Lower	Upper
149	100		
167	8.1	5.8	8.8
279	2.1	1.1	1.7#

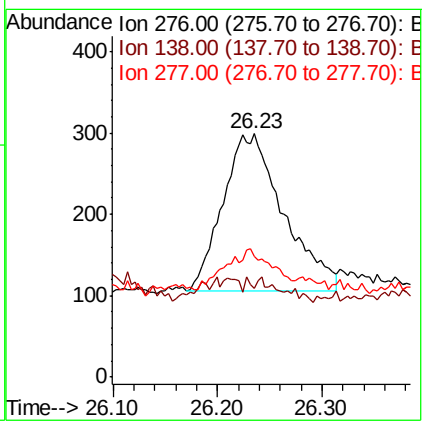


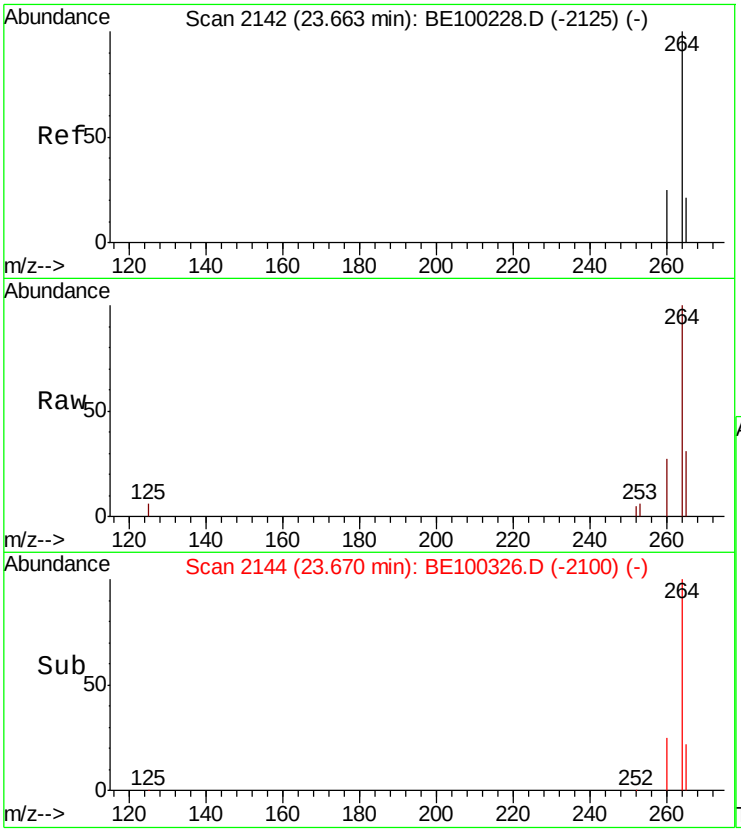


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 26.23 min Scan# 2859
Delta R.T. 0.02 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:276 Resp: 778

Ion	Ratio	Lower	Upper
276	100		
138	6.3	9.4	14.0#
277	19.9	19.2	28.8



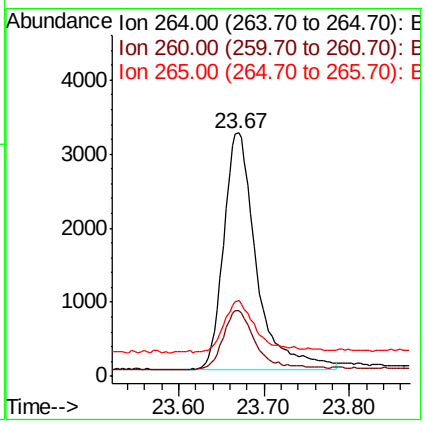


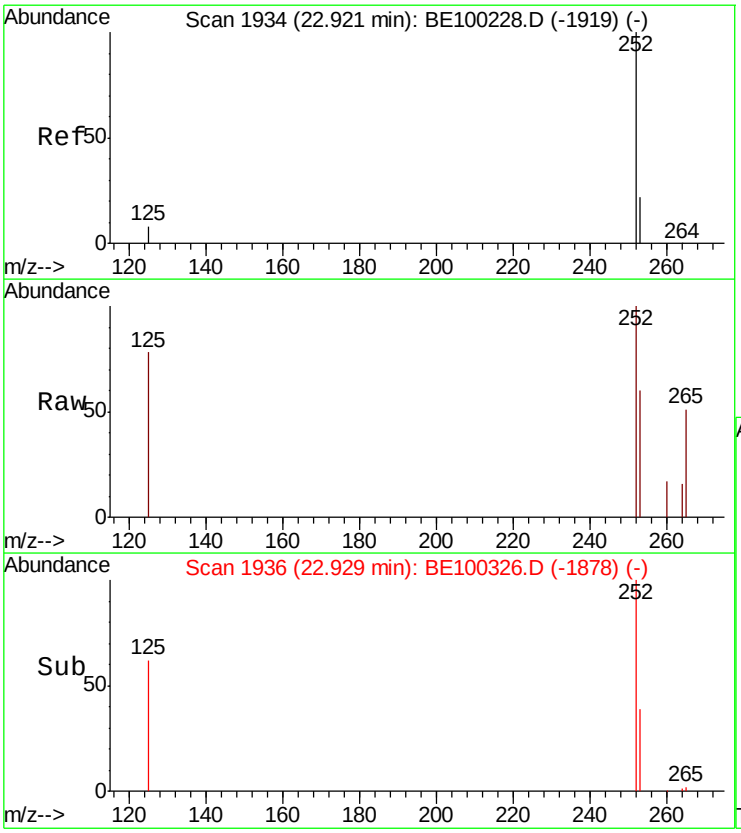
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2144
Delta R.T. 0.01 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:264 Resp: 8536

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.8	31.2
265	31.0	21.8	32.6

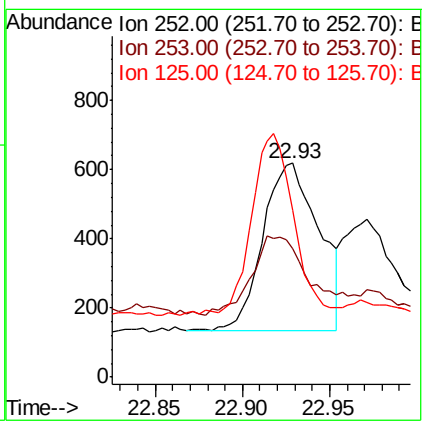


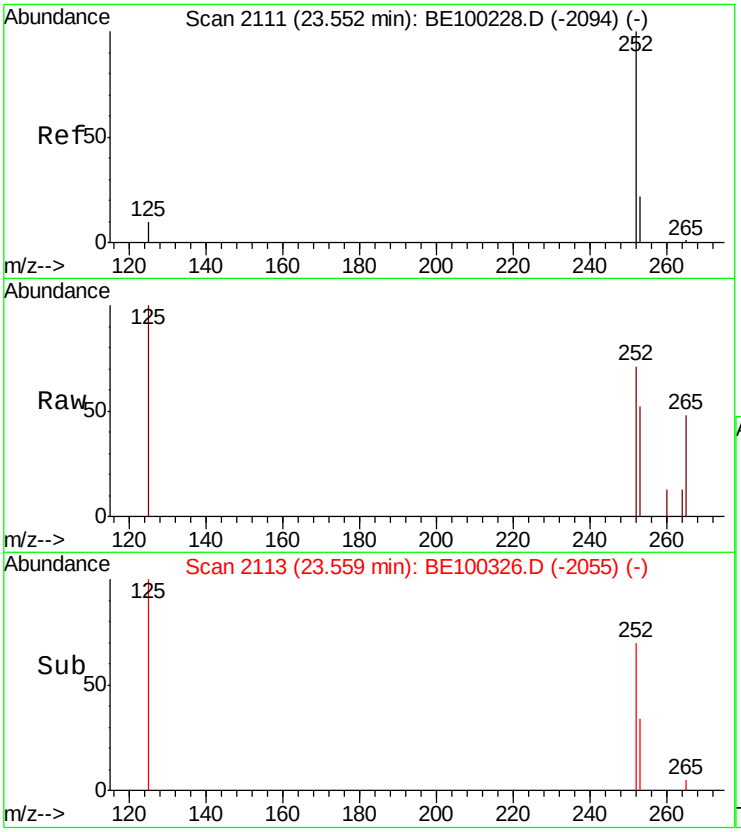


#35
Benzo(b)fluoranthene
Concen: 0.047 ng
RT: 22.93 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:252 Resp: 1082

Ion	Ratio	Lower	Upper
252	100		
253	60.2	19.2	28.8#
125	77.8	7.4	11.0#



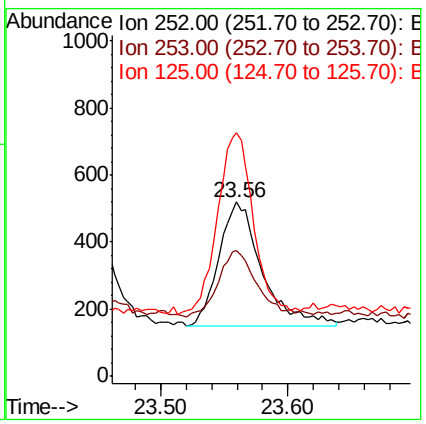


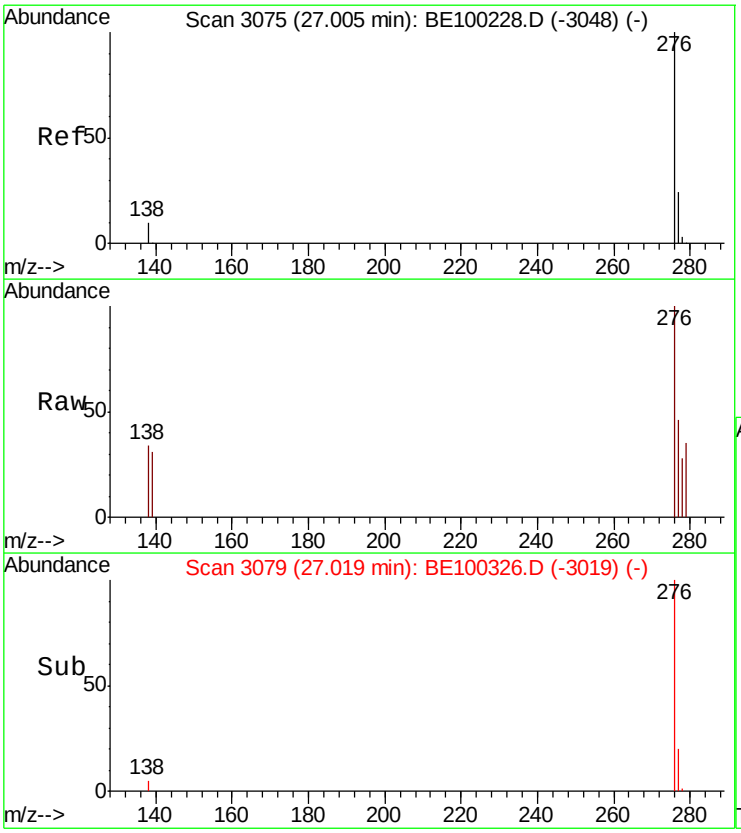
#37
Benzo(a)pyrene
Concen: 0.038 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Instrument :
BNA_E
ClientSampleId :
PST-001-SW014-062019

Tgt Ion:252 Resp: 888

Ion	Ratio	Lower	Upper
252	100		
253	72.1	19.6	29.4#
125	139.9	9.0	13.6#





#39
Benzo(g,h,i)perylene
Concen: 0.039 ng
RT: 27.02 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BE100326.D
Acq: 3 Jul 2019 13:35

Tgt Ion:276 Resp: 977

Ion	Ratio	Lower	Upper
276	100		
277	46.1	20.2	30.2#
138	34.1	9.0	13.6#