Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE011320\
Data File : BE101044.D
Acq On : 13 Jan 2020 18:48
Operator : JU
Sample : L1103-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SB-1(4-6)

Quant Time: Jan 14 09:56:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3130	0.40	ng		0.00
7) Naphthalene-d8	10.51	136	13770	0.40	ng		0.01
13) Acenaphthene-d10	14.36	164	9310	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	21403	0.40	ng		0.00
27) Chrysene-d12	21.27	240	19695	0.40	ng		-0.01
34) Perylene-d12	23.69	264	21903	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	1458	0.21	ng		0.00
5) Phenol-d6	6.91	99	1799	0.20	ng		0.00
8) Nitrobenzene-d5	8.89	82	1479	0.15	ng		0.01
11) 2-Methylnaphthalene-d10	12.11	152	5080	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	315	0.12	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	8278	0.23	ng		0.00
25) Fluoranthene-d10	19.12	212	61283	0.21	ng		-0.01
29) Terphenyl-d14	19.73	244	11717	0.24	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.61	42	184	0.042	ng	#	1
22) Pentachlorophenol	16.73	266	15	0.254	ng	#	87
23) Phenanthrene	17.13	178	1873	0.032	ng		96
24) Anthracene	17.13	178	1873	0.034	ng		95
26) Fluoranthene	19.15	202	3644	0.050	ng		97
28) Pyrene	19.51	202	3989	0.054	ng		99
30) Benzo(a)anthracene	21.26	228	2324	0.041	ng	#	81
31) Chrysene	21.30	228	2884	0.035	ng	#	91
32) Bis(2-ethylhexyl)phthalate	21.20	149	10405	0.111	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.23	276	2499	0.038	ng	#	80
35) Benzo(b)fluoranthene	22.95	252	3094	0.050	ng	#	72
36) Benzo(k)fluoranthene	22.95	252	3094	0.035	ng	#	73
37) Benzo(a)pyrene	23.58	252	1675	0.028	ng	#	56
39) Benzo(g,h,i)perylene	27.01	276	2692	0.040	ng	#	83

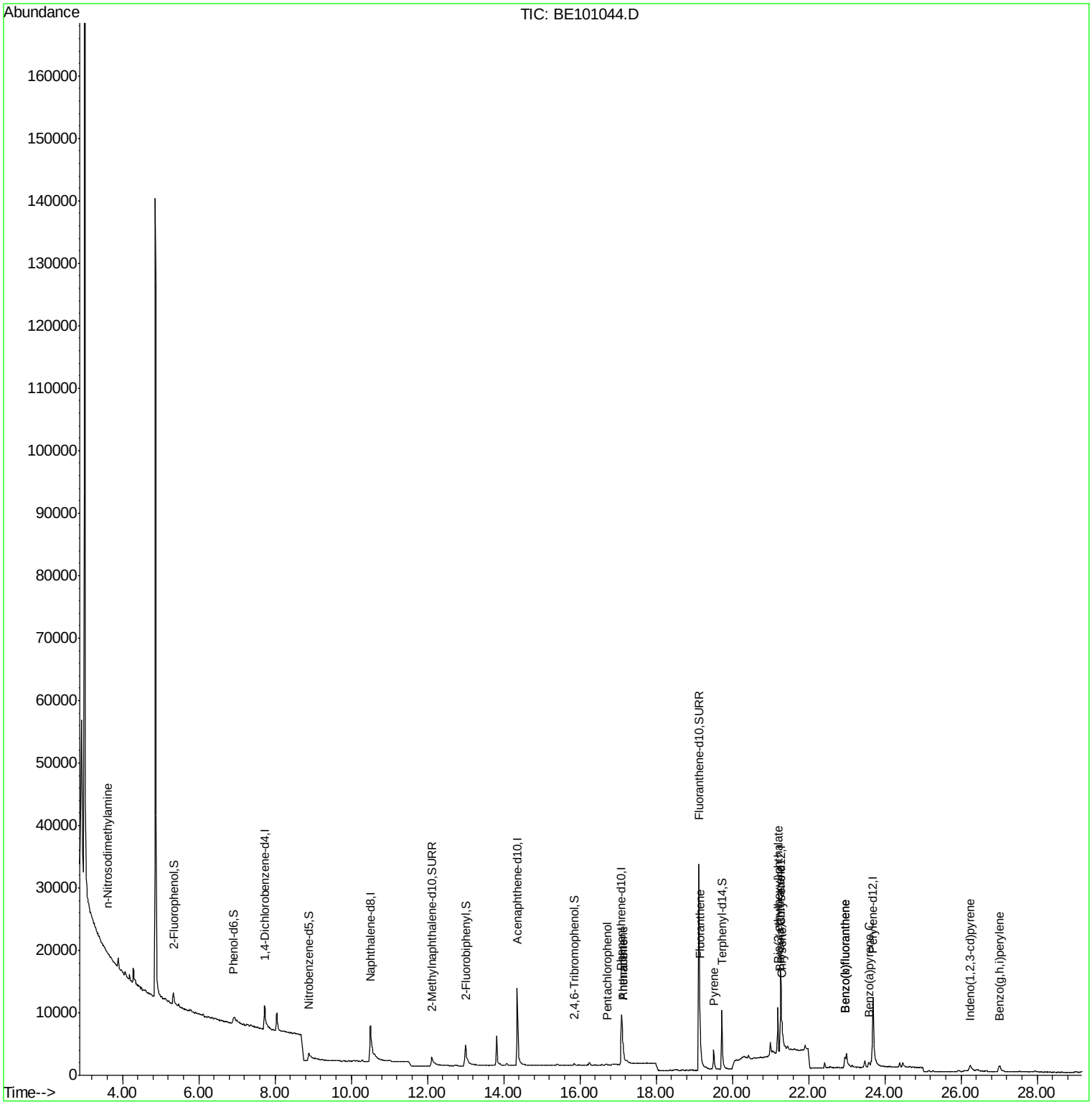
(#) = qualifier out of range (m) = manual integration (+) = signals summed

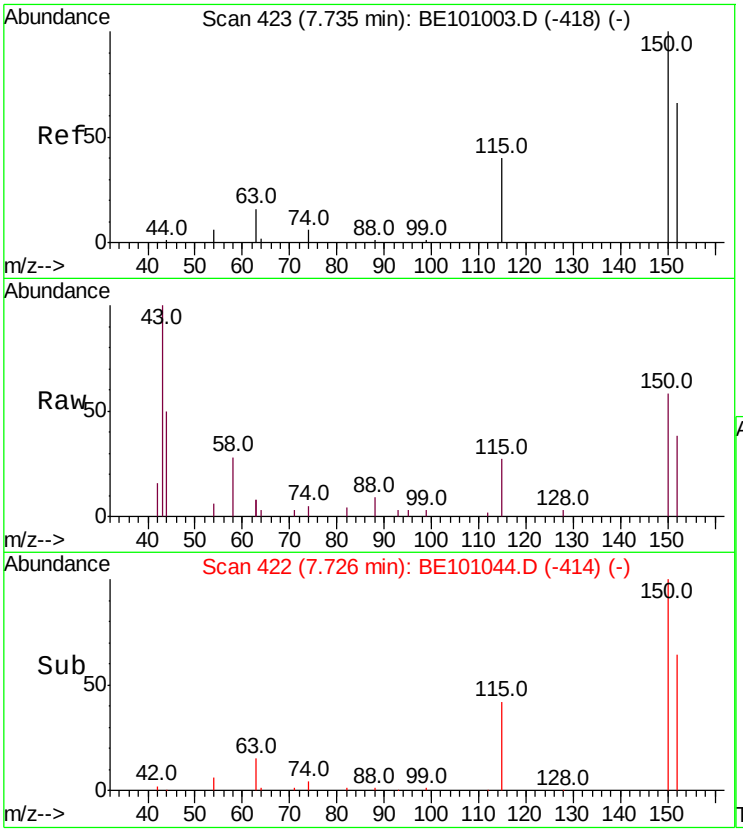
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA E\Data\BE011320\
Data File : BE101044.D
Acq On : 13 Jan 2020 18:48
Operator : JU
Sample : L1103-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Quant Time: Jan 14 09:56:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration



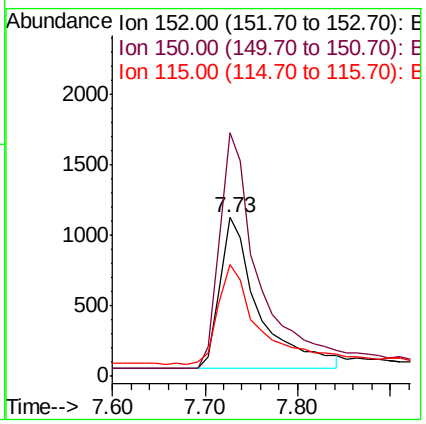


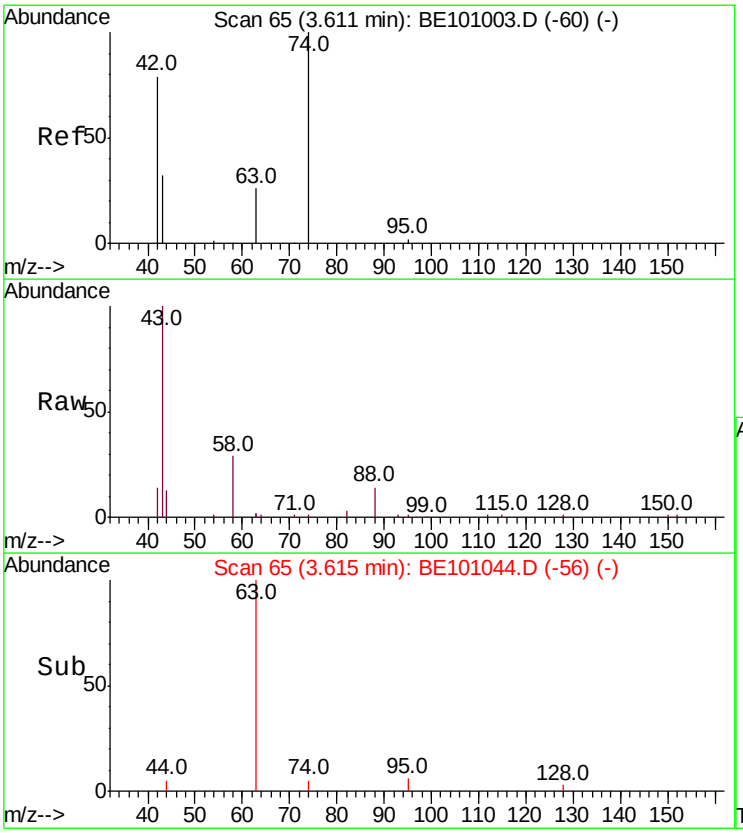
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:152 Resp: 3130

Ion	Ratio	Lower	Upper
152	100		
150	153.2	120.3	180.5
115	70.7	51.7	77.5

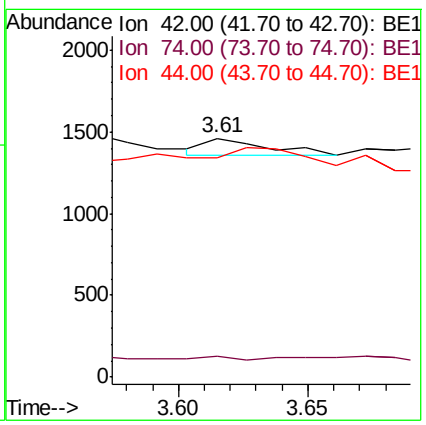


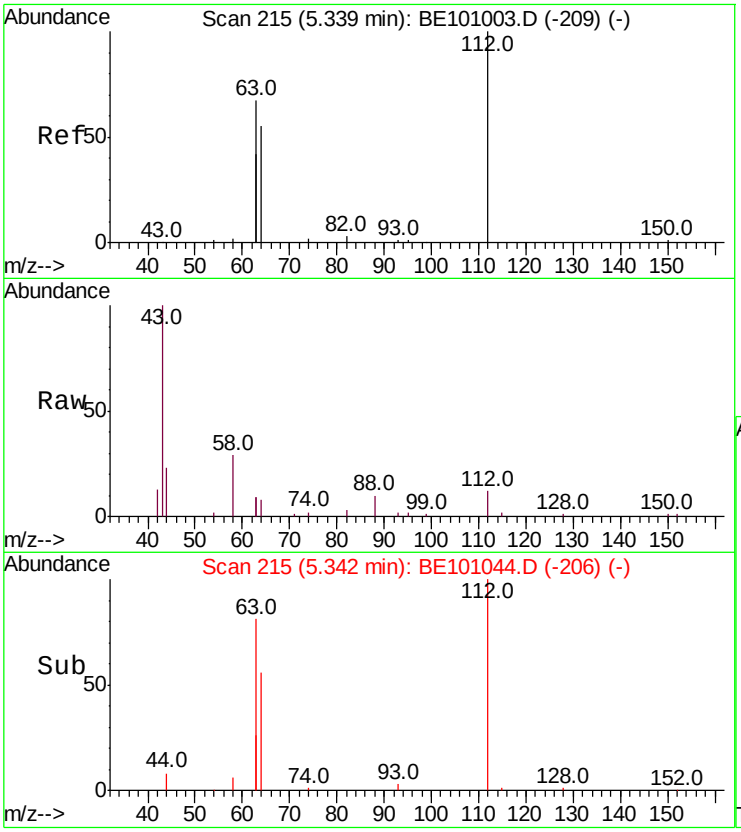


#3
n-Nitrosodimethylamine
Concen: 0.042 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion: 42 Resp: 184

Ion	Ratio	Lower	Upper
42	100		
74	11.4	105.7	158.5#
44	170.7	10.0	15.0#



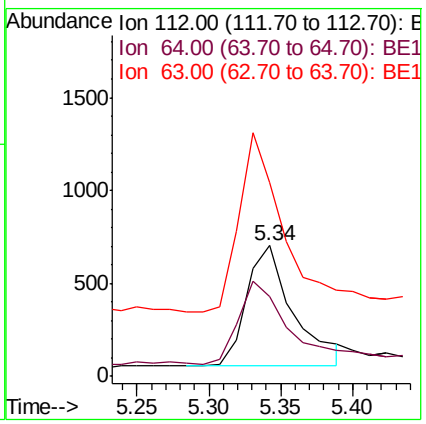


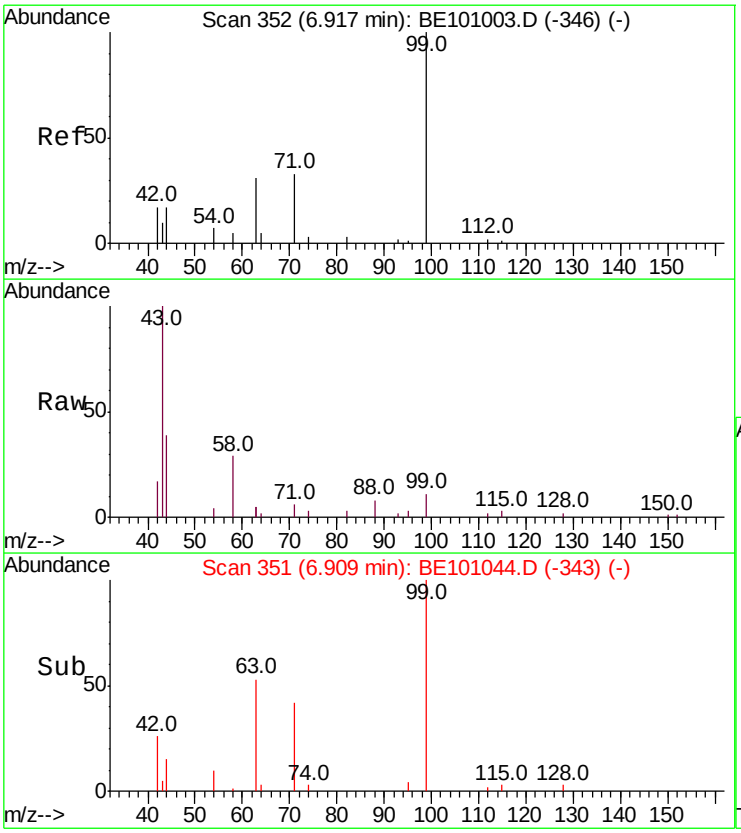
#4
2-Fluorophenol
Concen: 0.207 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:112 Resp: 1458

Ion	Ratio	Lower	Upper
112	100		
64	72.8	53.6	80.4
63	141.9	114.6	172.0

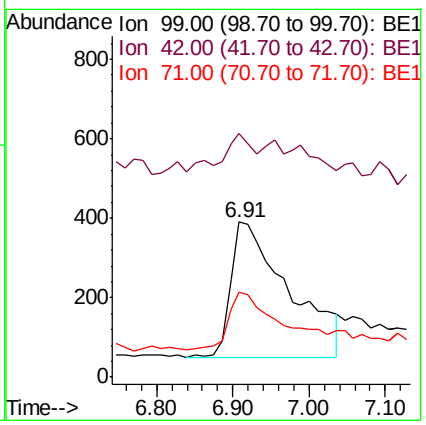


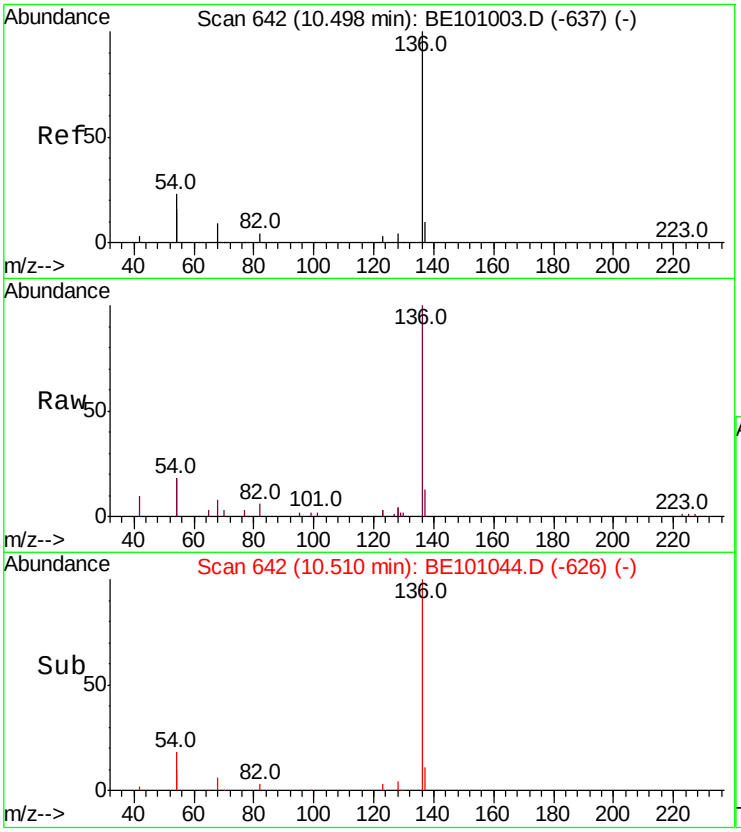


#5
Phenol-d6
Concen: 0.202 ng
RT: 6.91 min Scan# 351
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion: 99 Resp: 1799

Ion	Ratio	Lower	Upper
99	100		
42	14.1	18.3	27.5#
71	38.9	28.0	42.0



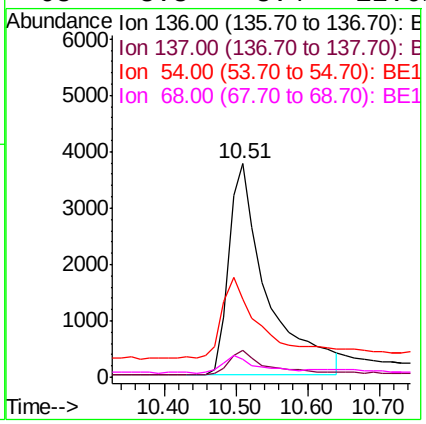


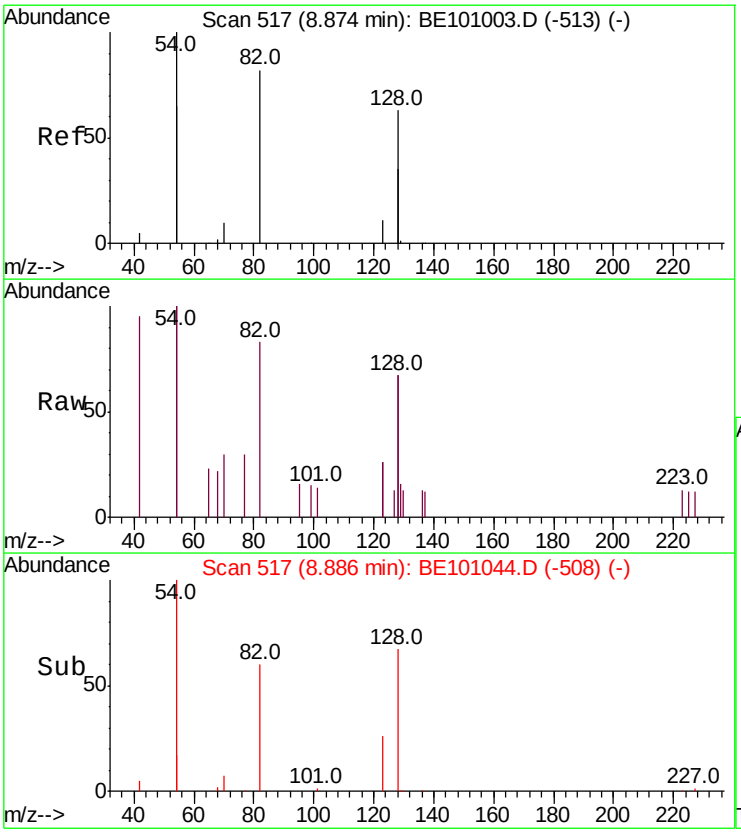
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.51 min Scan# 642
Delta R.T. 0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:136 Resp: 13770

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.3	13.9
54	36.4	36.8	55.2#
68	8.3	8.4	12.6#

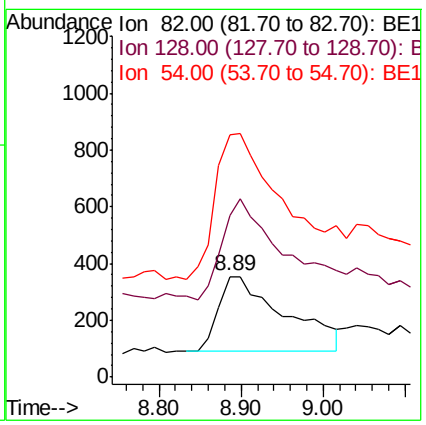


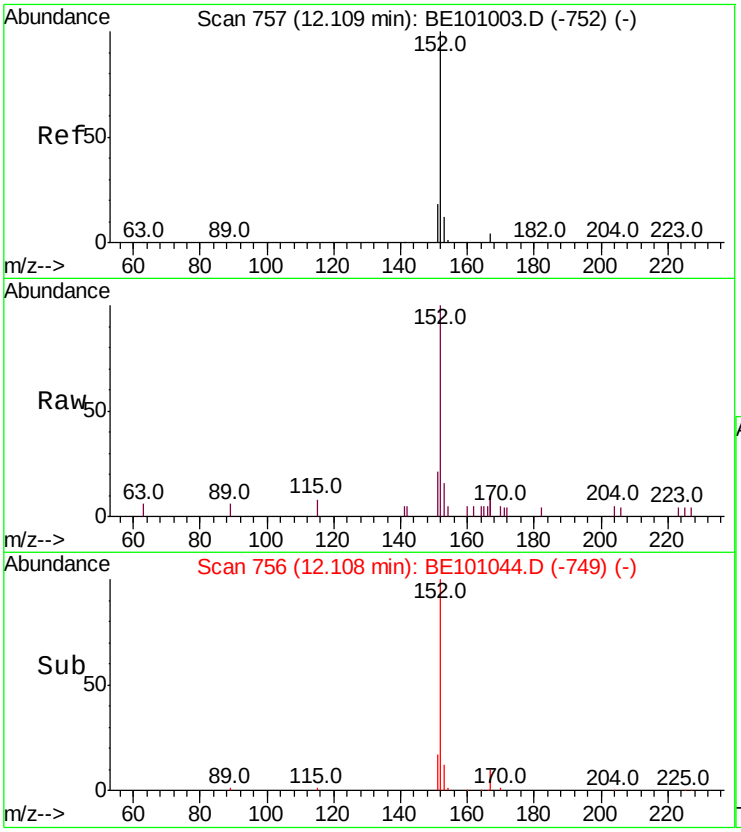


#8
Nitrobenzene-d5
Concen: 0.150 ng
RT: 8.89 min Scan# 517
Delta R.T. 0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion: 82 Resp: 1479

Ion	Ratio	Lower	Upper
82	100		
128	160.5	109.8	164.6
54	240.7	174.5	261.7



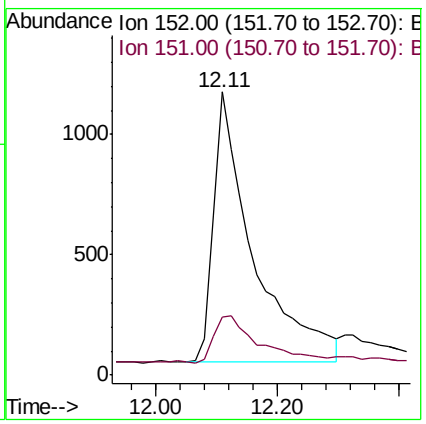


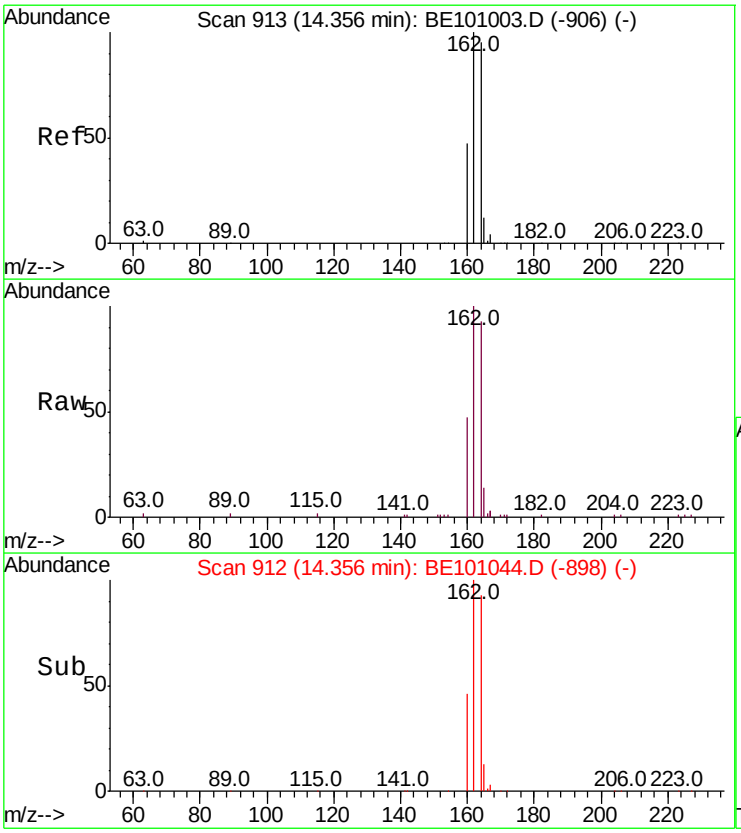
#11
2-Methylnaphthalene-d10
Concen: 0.193 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:152 Resp: 5080

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.0	22.6

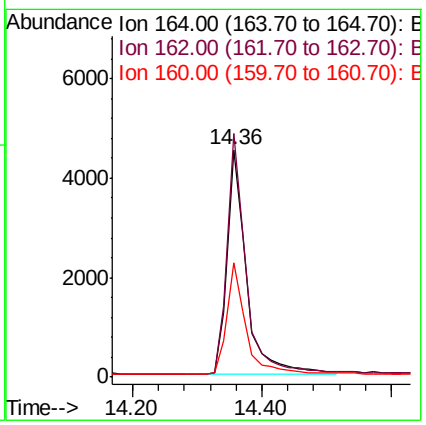


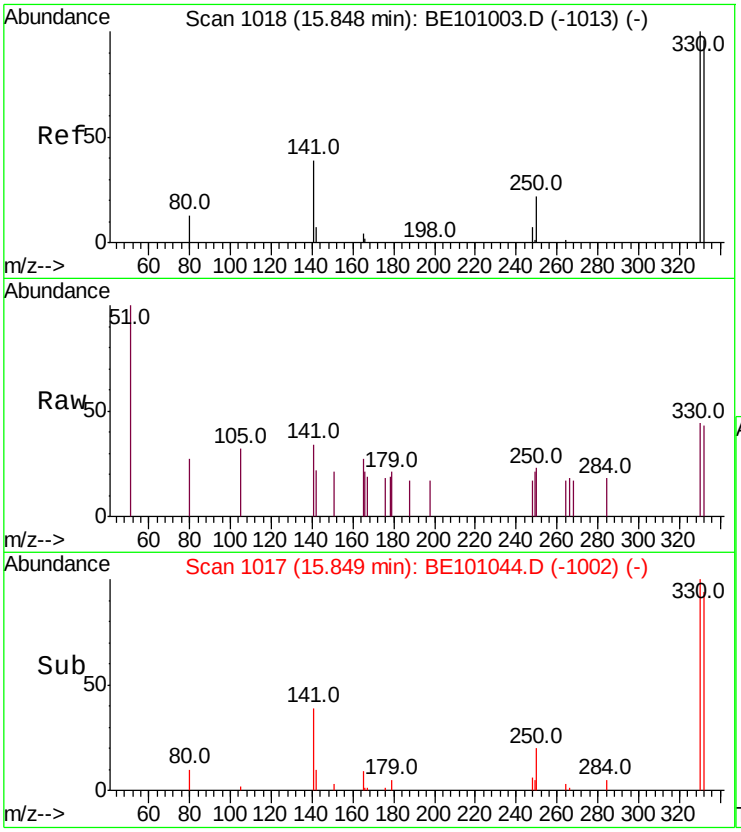


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:164 Resp: 9310

Ion	Ratio	Lower	Upper
164	100		
162	107.3	84.1	126.1
160	50.2	40.4	60.6



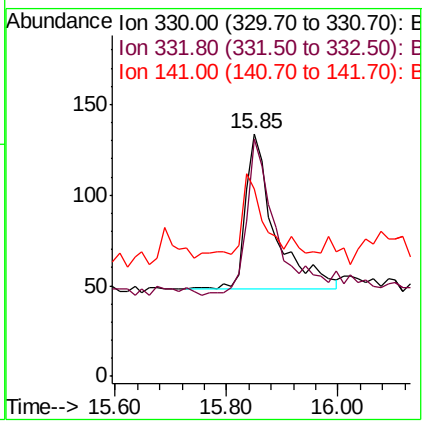


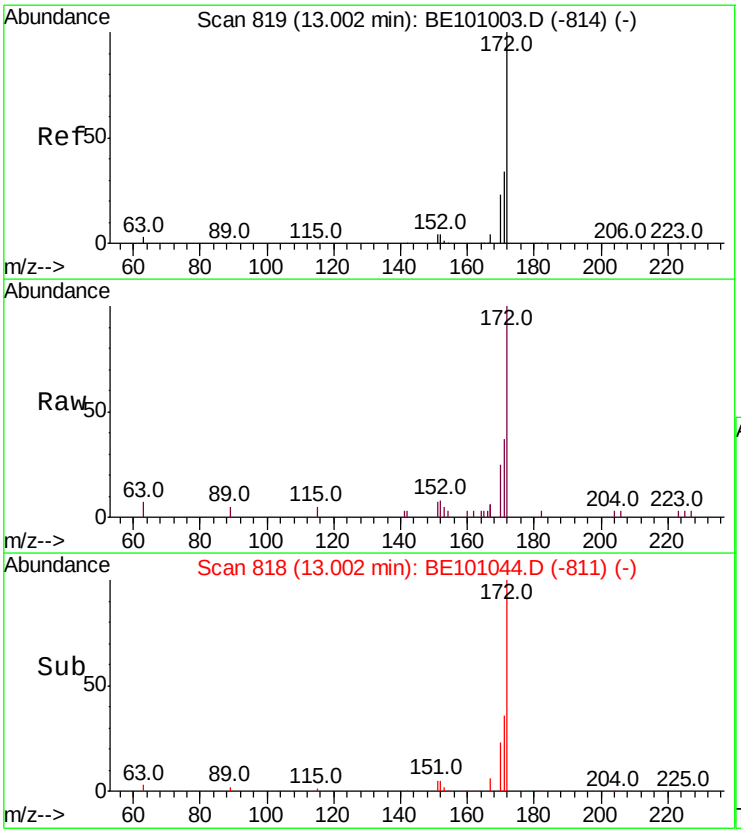
#14
2,4,6-Tribromophenol
Concen: 0.120 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:330 Resp: 315

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	38.1	37.0	55.4

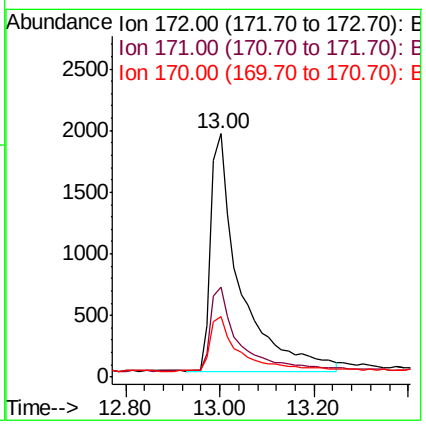


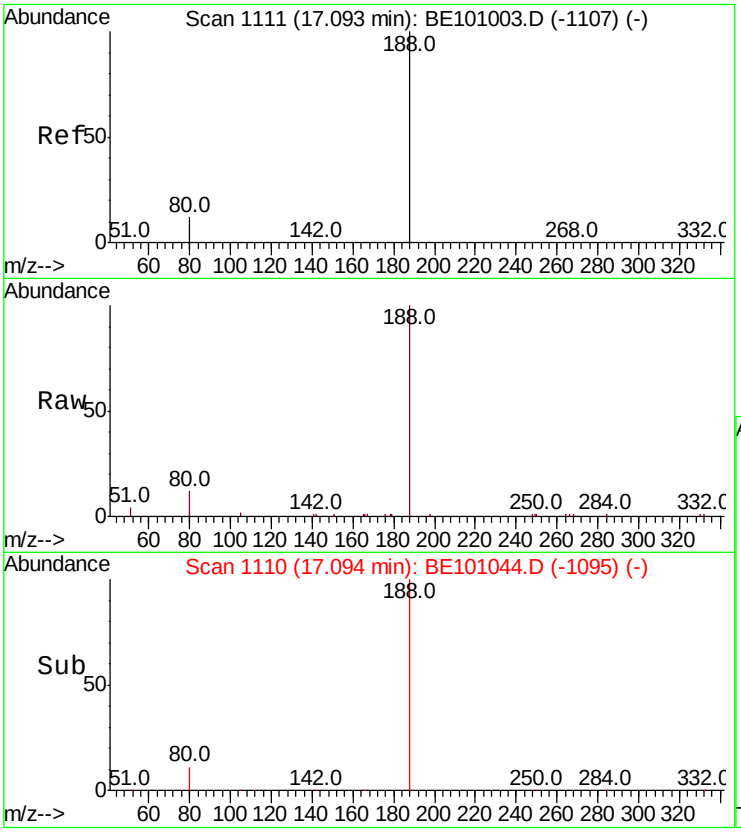


#15
2-Fluorobiphenyl
Concen: 0.234 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:172 Resp: 8278

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.2	42.2
170	24.9	18.9	28.3



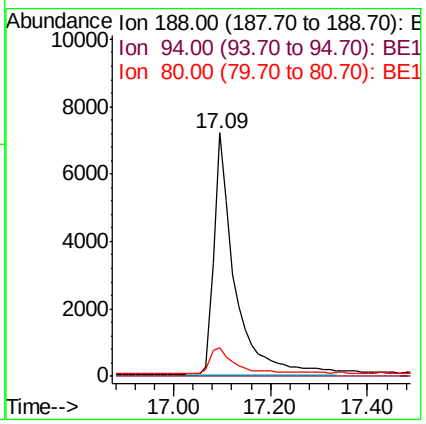


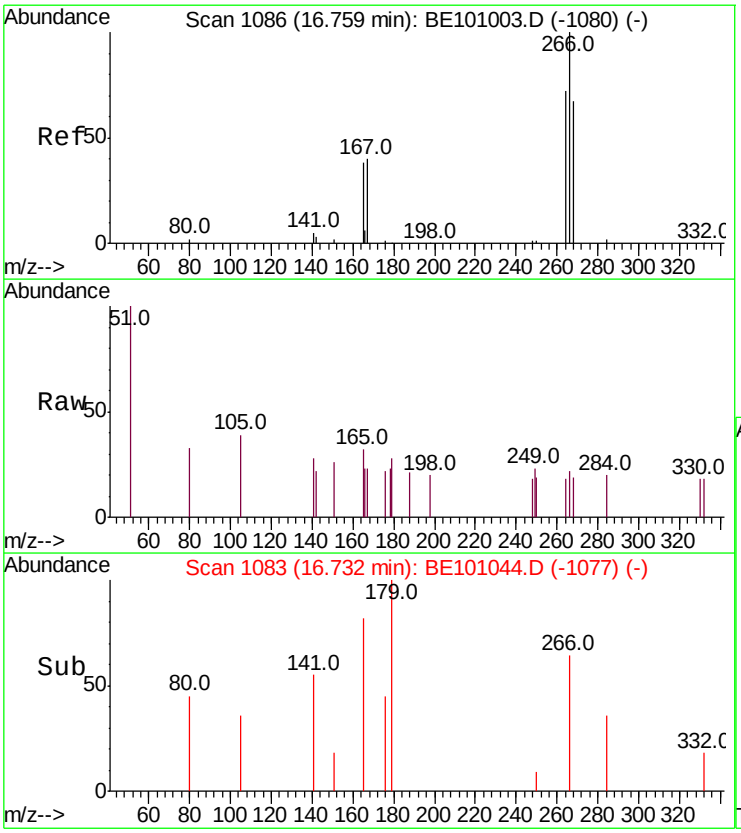
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:188 Resp: 21403

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	10.8	16.2

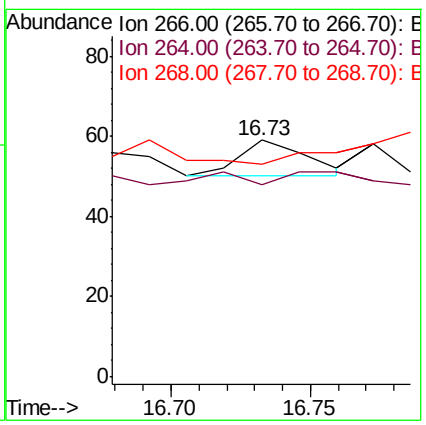


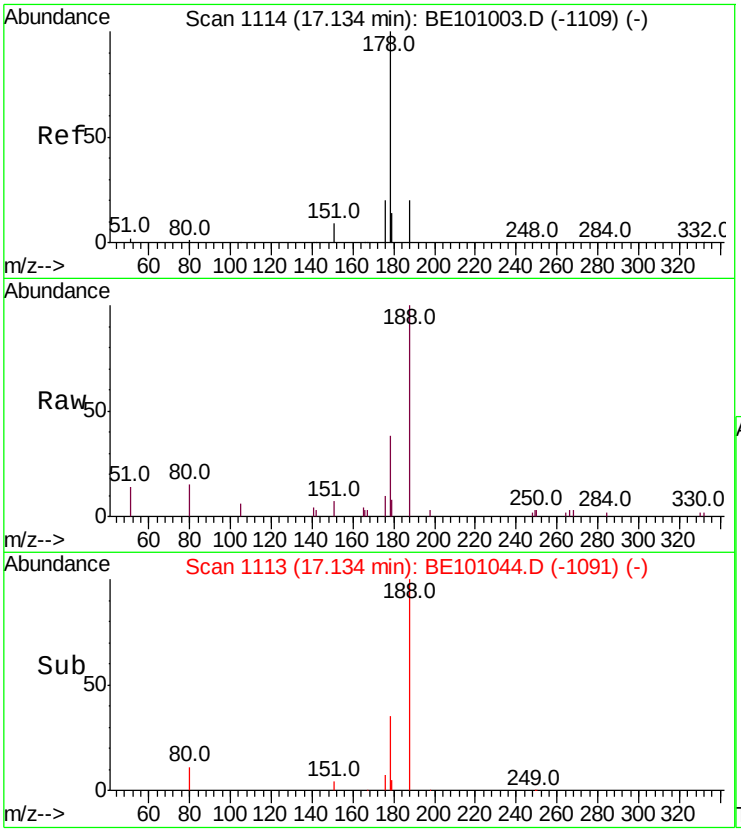


#22
Pentachlorophenol
Concen: 0.254 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
264	81.4	61.0	91.4
268	89.8	58.5	87.7#



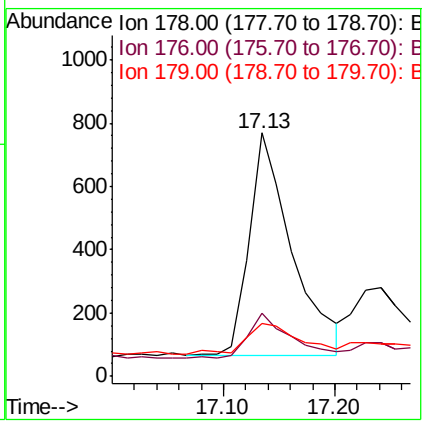


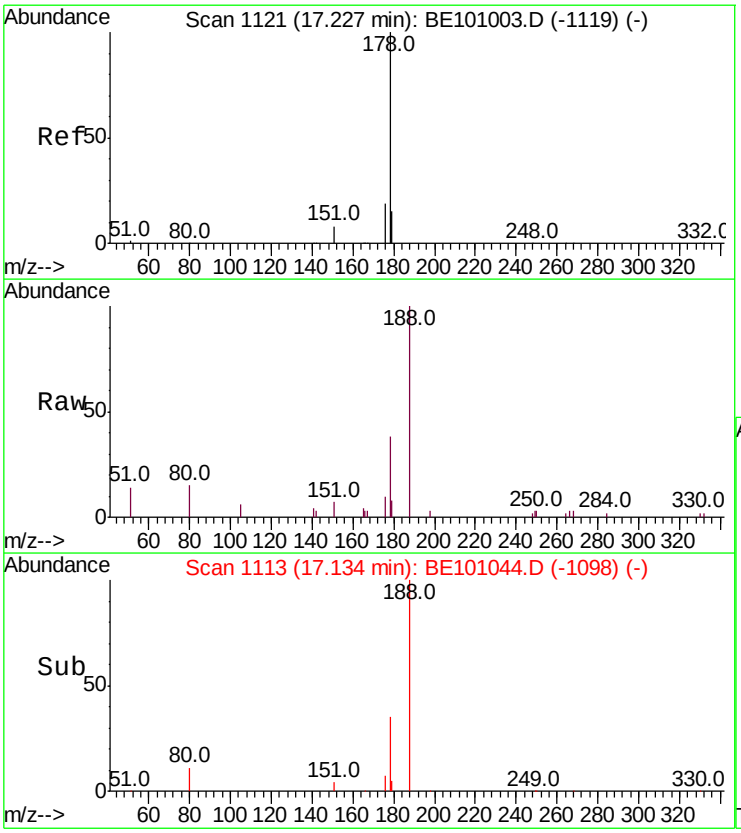
#23
Phenanthrene
Concen: 0.032 ng
RT: 17.13 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:178 Resp: 1873

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	17.5	12.0	18.0

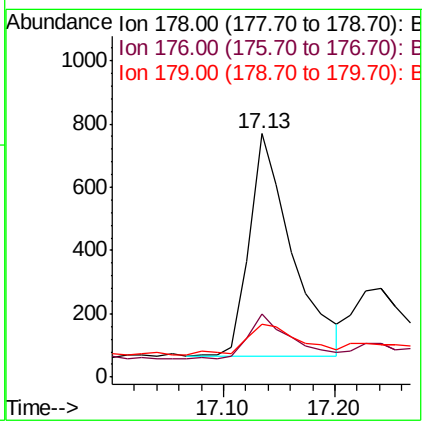


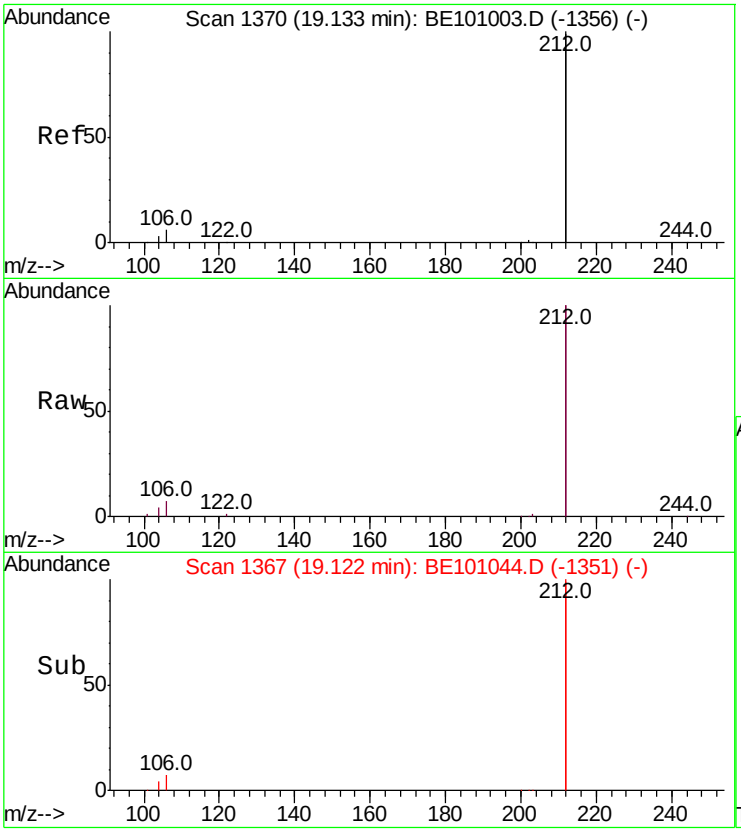


#24
Anthracene
Concen: 0.034 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.09 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:178 Resp: 1873

Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.8	22.2
179	17.5	12.4	18.6



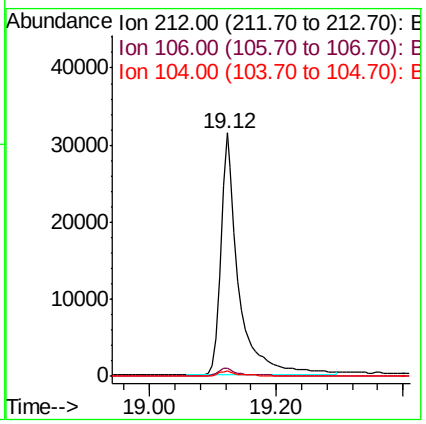


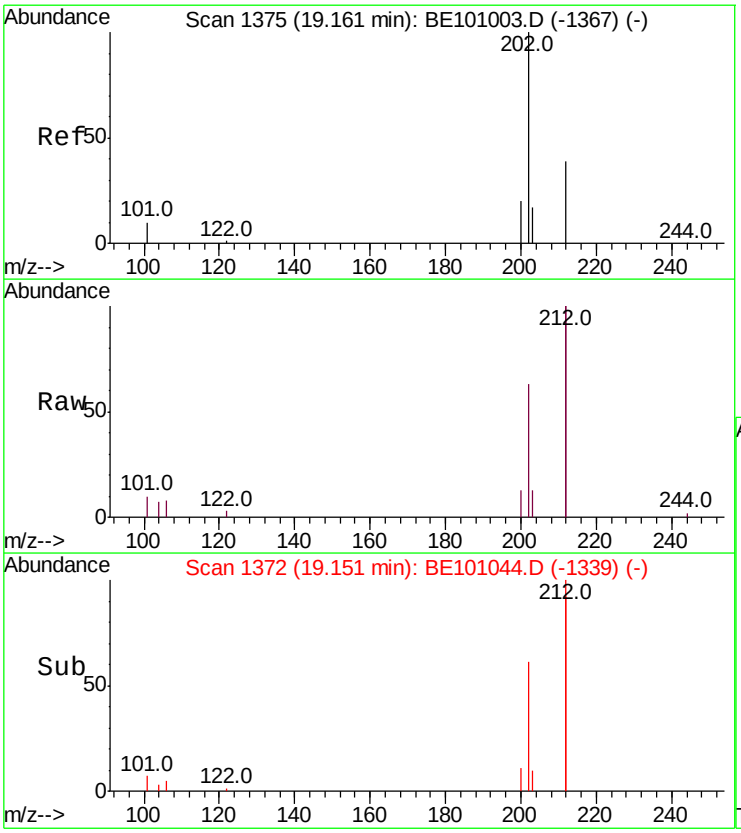
#25
Fluoranthene-d10
Concen: 0.206 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:212 Resp: 61283

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.0

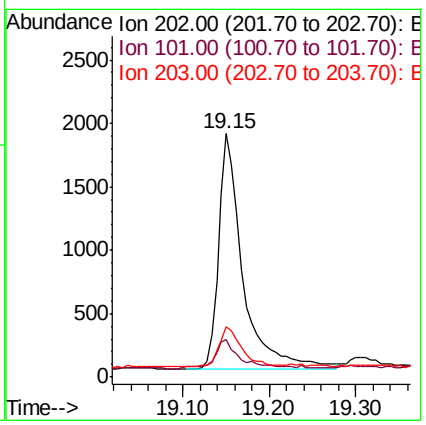


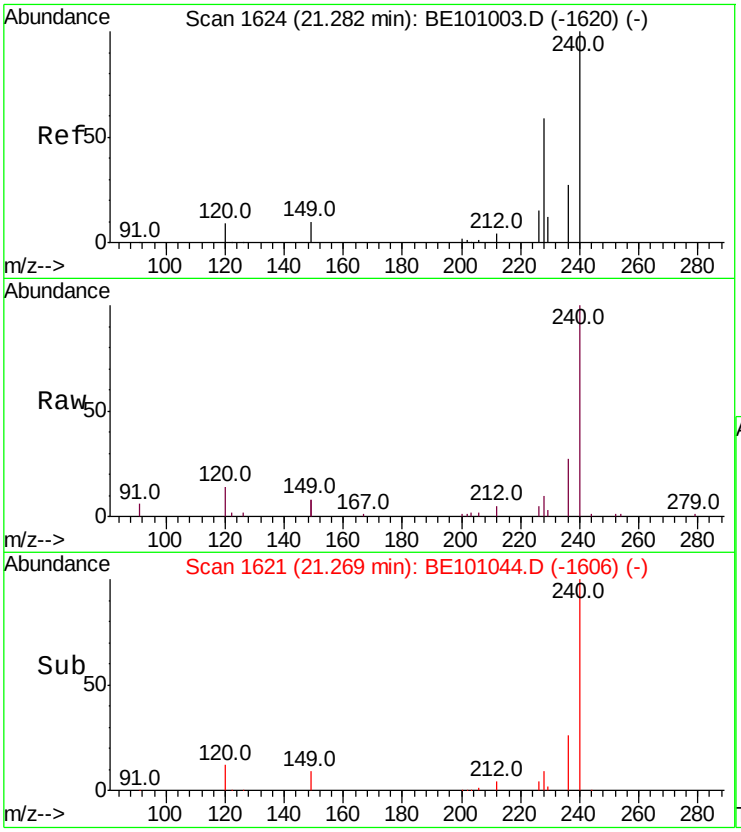


#26
Fluoranthene
Concen: 0.050 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:202 Resp: 3644

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.6	14.4
203	15.8	13.8	20.6



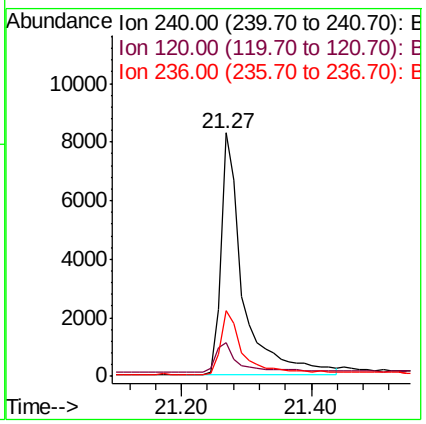


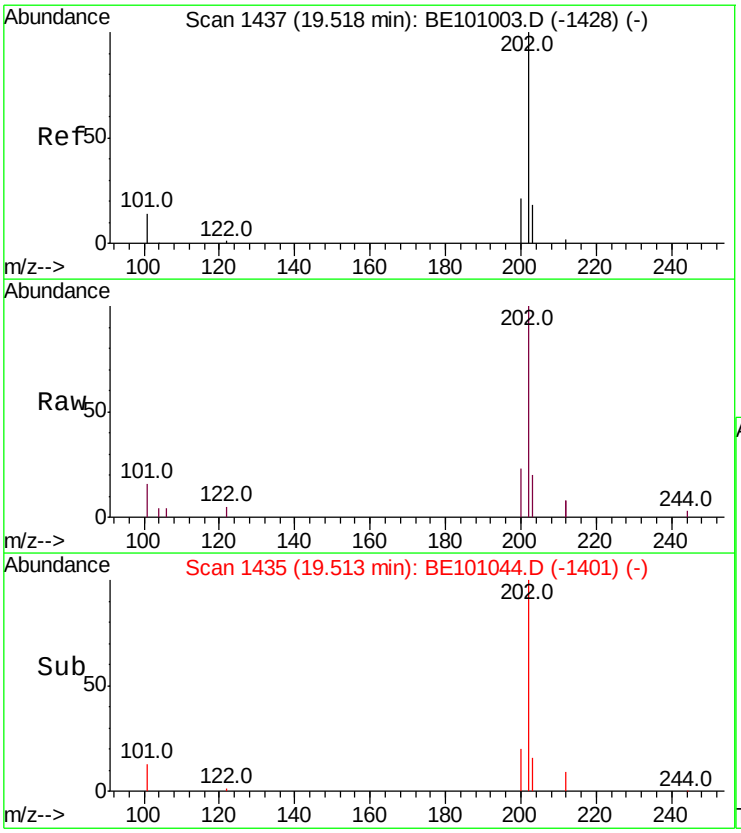
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:240 Resp: 19695

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.6	13.0#
236	27.0	22.2	33.4

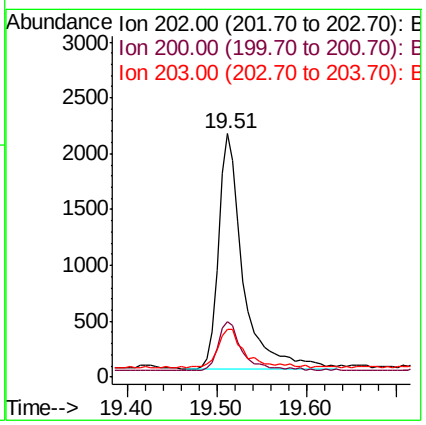


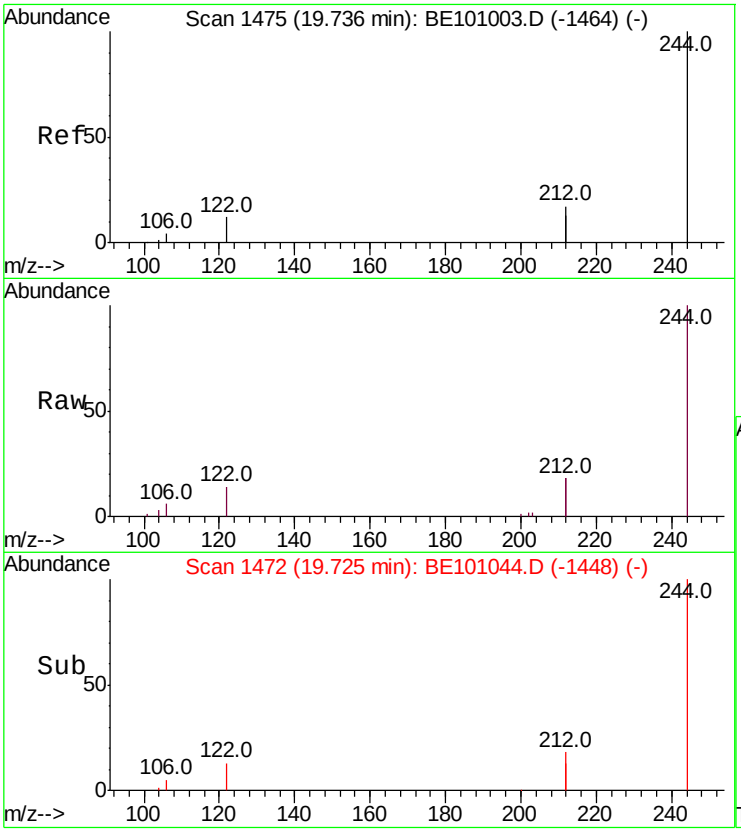


#28
Pyrene
Concen: 0.054 ng
RT: 19.51 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:202 Resp: 3989

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.4
203	17.5	13.8	20.6



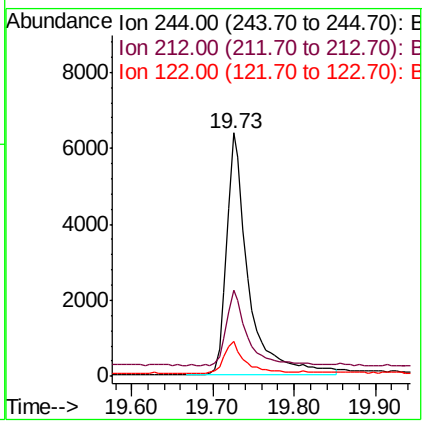


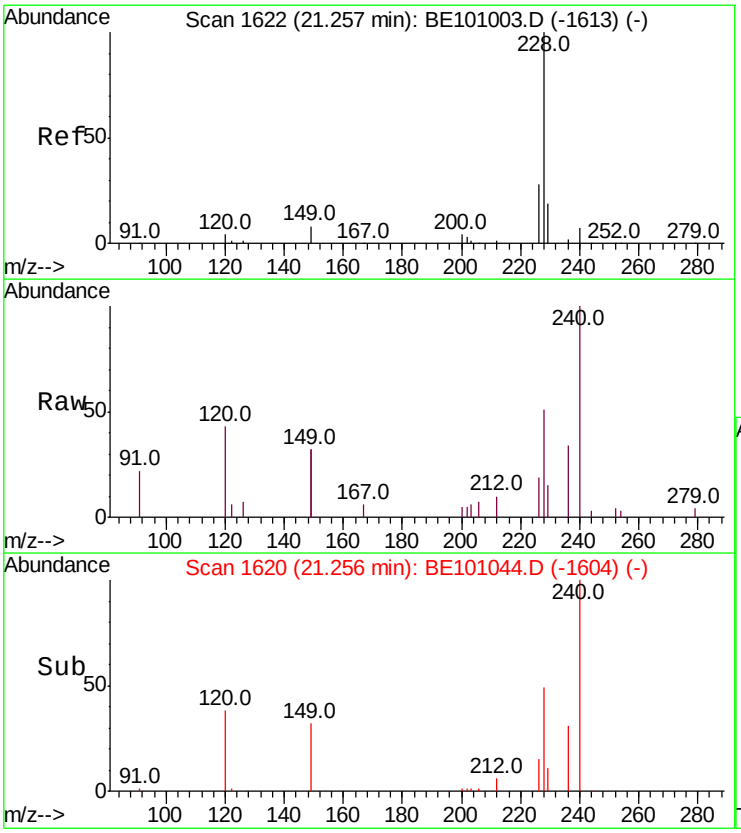
#29
Terphenyl-d14
Concen: 0.242 ng
RT: 19.73 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:244 Resp: 11717

Ion	Ratio	Lower	Upper
244	100		
212	35.3	27.2	40.8
122	14.3	9.8	14.8

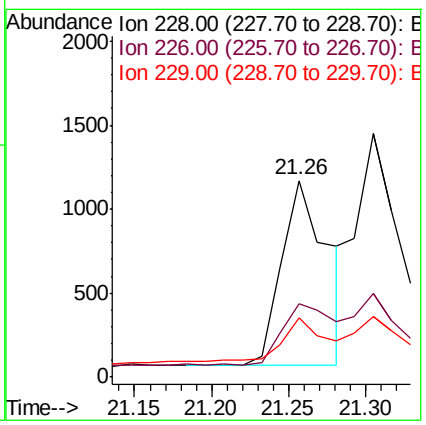


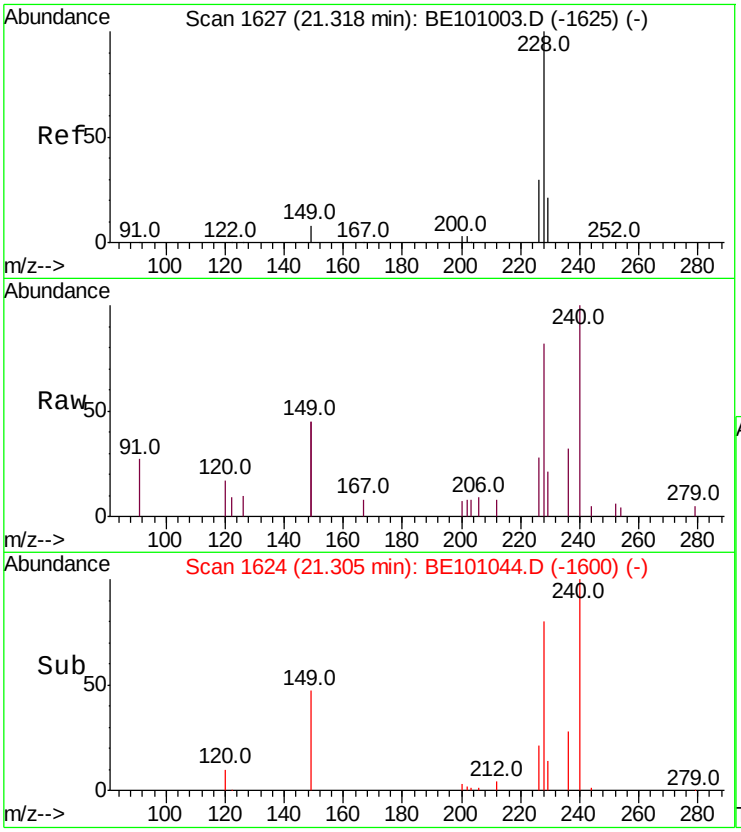


#30
Benzo(a)anthracene
Concen: 0.041 ng
RT: 21.26 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:228 Resp: 2324

Ion	Ratio	Lower	Upper
228	100		
226	37.2	22.7	34.1#
229	29.9	15.5	23.3#



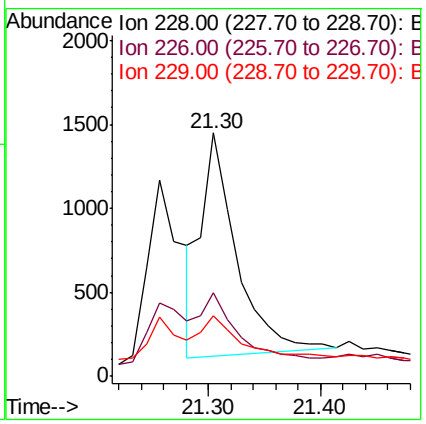


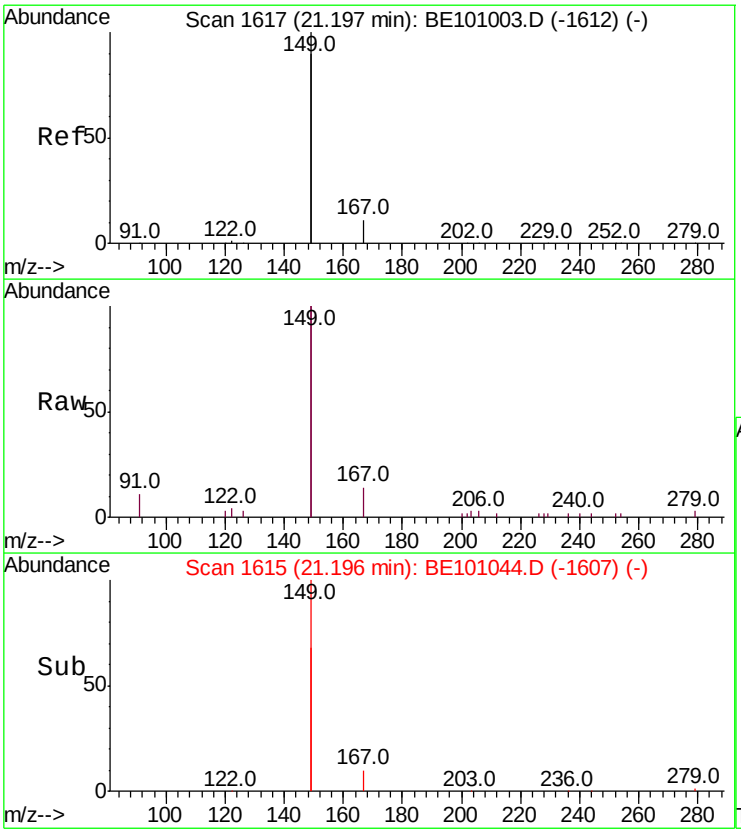
#31
Chrysene
Concen: 0.035 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:228 Resp: 2884

Ion	Ratio	Lower	Upper
228	100		
226	34.1	23.5	35.3
229	25.1	16.7	25.1#

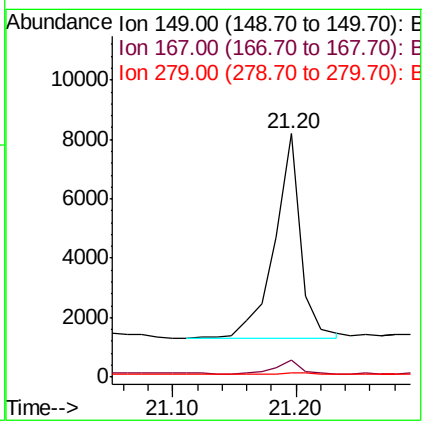


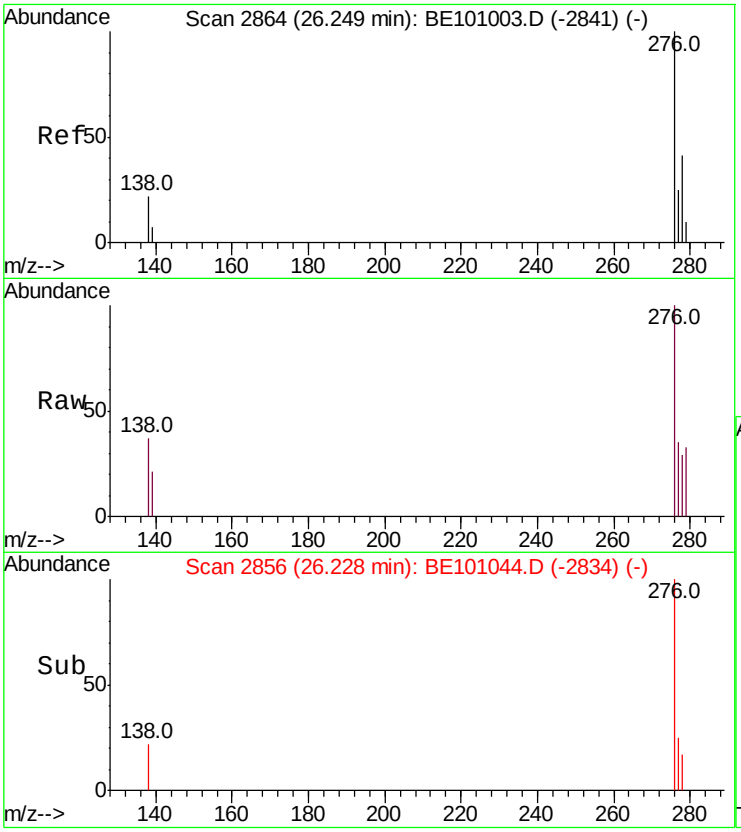


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.20 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:149 Resp: 10405

Ion	Ratio	Lower	Upper
149	100		
167	5.9	5.2	7.8
279	0.7	0.8	1.2#



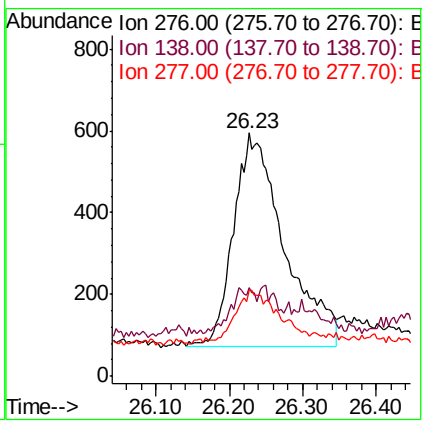


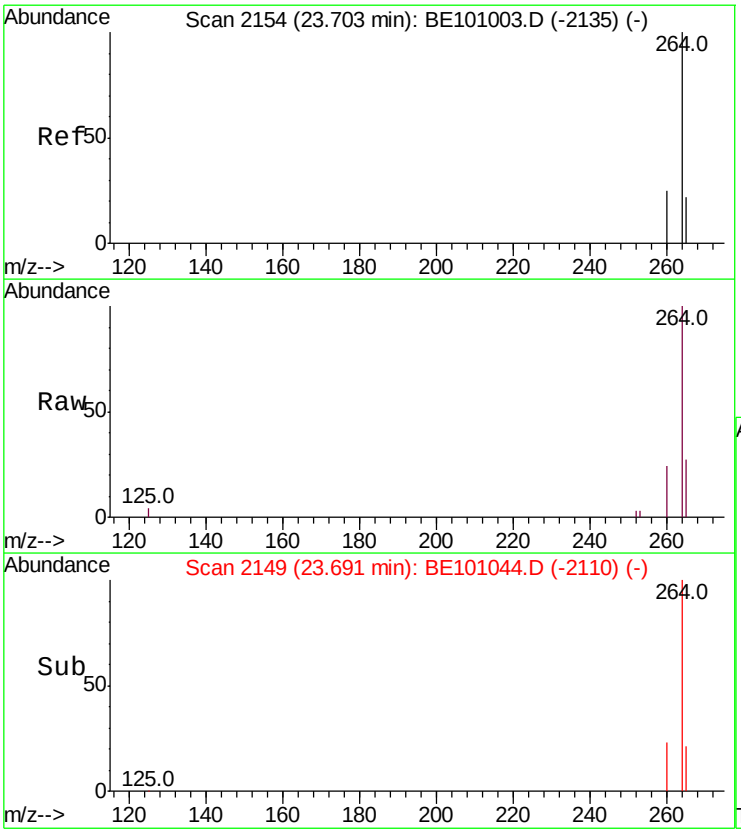
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng
RT: 26.23 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:276 Resp: 2499

Ion	Ratio	Lower	Upper
276	100		
138	7.3	16.1	24.1#
277	16.4	18.1	27.1#

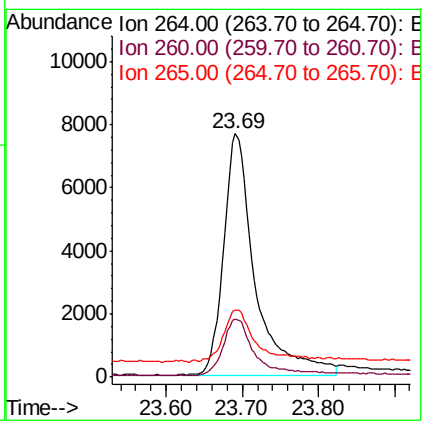


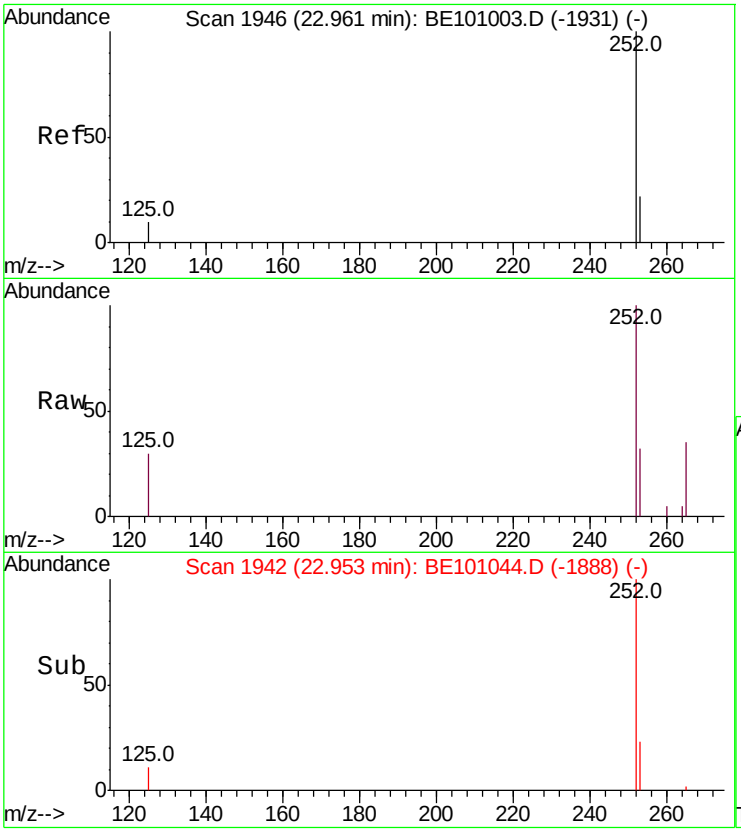


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.69 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:264 Resp: 21903

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	27.4	27.0	40.4



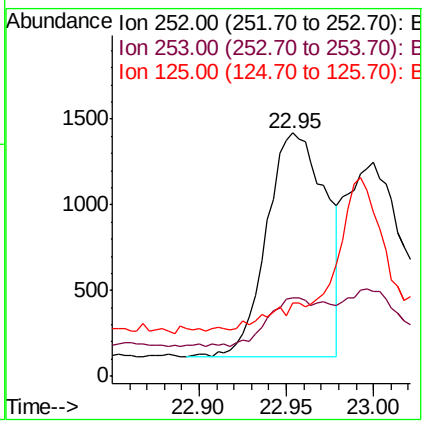


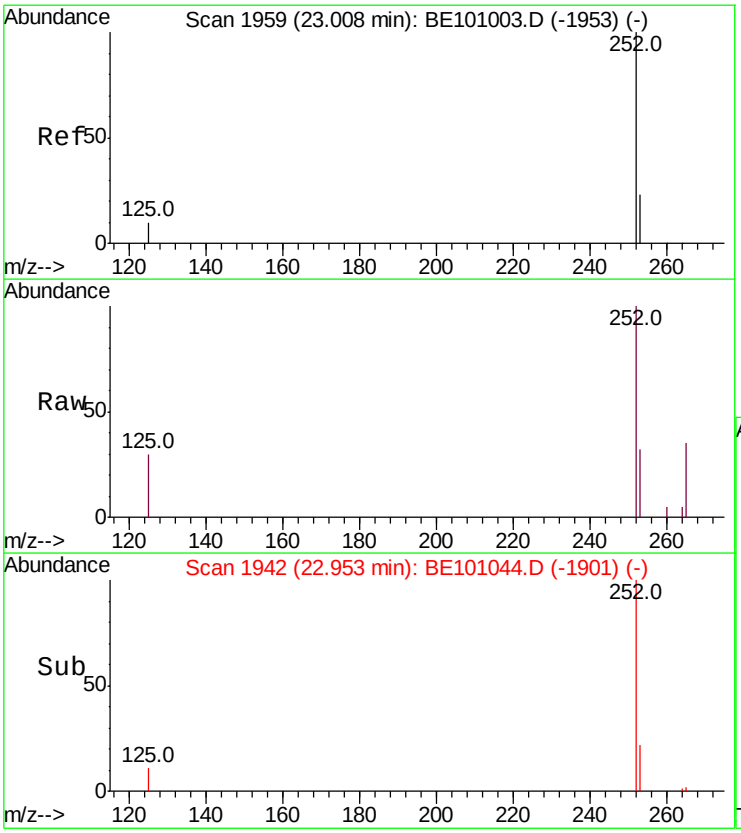
#35
Benzo(b)fluoranthene
Concen: 0.050 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:252 Resp: 3094

Ion	Ratio	Lower	Upper
252	100		
253	32.4	18.5	27.7#
125	29.9	9.5	14.3#

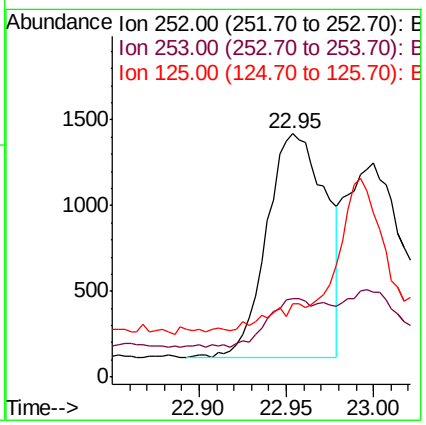


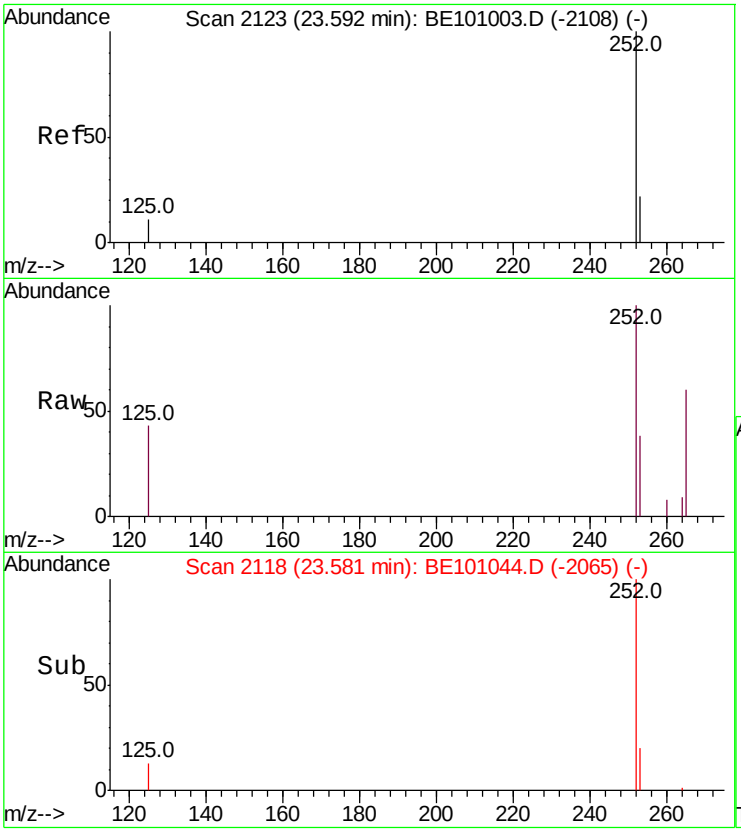


#36
Benzo(k)fluoranthene
Concen: 0.035 ng
RT: 22.95 min Scan# 1942
Delta R.T. -0.05 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:252 Resp: 3094

Ion	Ratio	Lower	Upper
252	100		
253	32.4	18.9	28.3#
125	29.9	10.1	15.1#



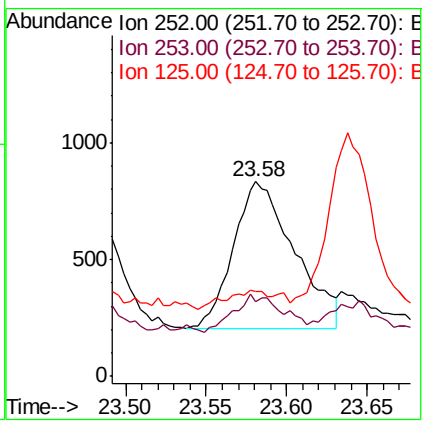


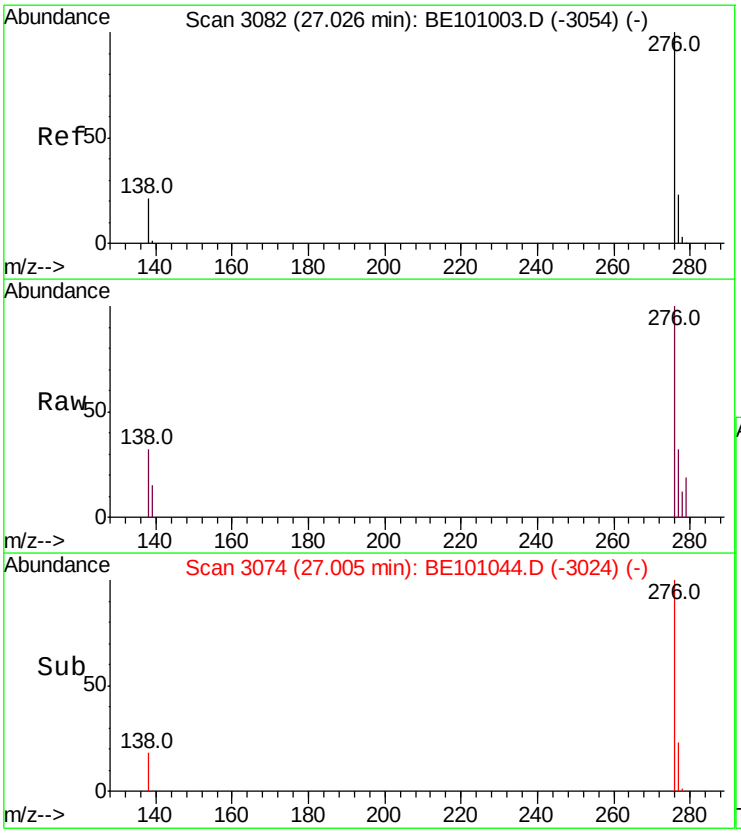
#37
Benzo(a)pyrene
Concen: 0.028 ng
RT: 23.58 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Instrument :
BNA_E
ClientSampleId :
SB-1(4-6)

Tgt Ion:252 Resp: 1675

Ion	Ratio	Lower	Upper
252	100		
253	38.2	19.4	29.2#
125	43.3	11.8	17.6#





#39
Benzo(g,h,i)perylene
Concen: 0.040 ng
RT: 27.01 min Scan# 3074
Delta R.T. -0.02 min
Lab File: BE101044.D
Acq: 13 Jan 2020 18:48

Tgt Ion:276 Resp: 2692

Ion	Ratio	Lower	Upper
276	100		
277	32.0	19.4	29.2#
138	31.7	17.9	26.9#