Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100766.D
Acq On : 22 Nov 2019 20:12
Operator : JU
Sample : K5969-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : HF-608U

Quant Time: Nov 23 04:45:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	6152	0.40	ng		0.00
7) Naphthalene-d8	10.55	136	27550	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	16304	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	39300	0.40	ng		0.00
27) Chrysene-d12	21.32	240	40002	0.40	ng		0.00
34) Perylene-d12	23.77	264	44833	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	2562	0.15	ng		0.00
5) Phenol-d6	6.93	99	2536	0.10	ng		0.00
8) Nitrobenzene-d5	8.90	82	5945	0.67	ng		0.00
11) 2-Methylnaphthalene-d10	12.14	152	14749	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1871	0.81	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	21081	0.33	ng		0.00
25) Fluoranthene-d10	19.17	212	176420	0.37	ng		0.00
29) Terphenyl-d14	19.77	244	36907	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	21051	1.824	ng		97
17) Acenaphthene	14.46	154	1042	0.022	ng		95
18) Fluorene	15.43	166	1317	0.022	ng	#	81
24) Anthracene	17.27	178	2424	0.024	ng		96
32) Bis(2-ethylhexyl)phthalate	21.26	149	19459	0.059	ng	#	98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:40:44 2019
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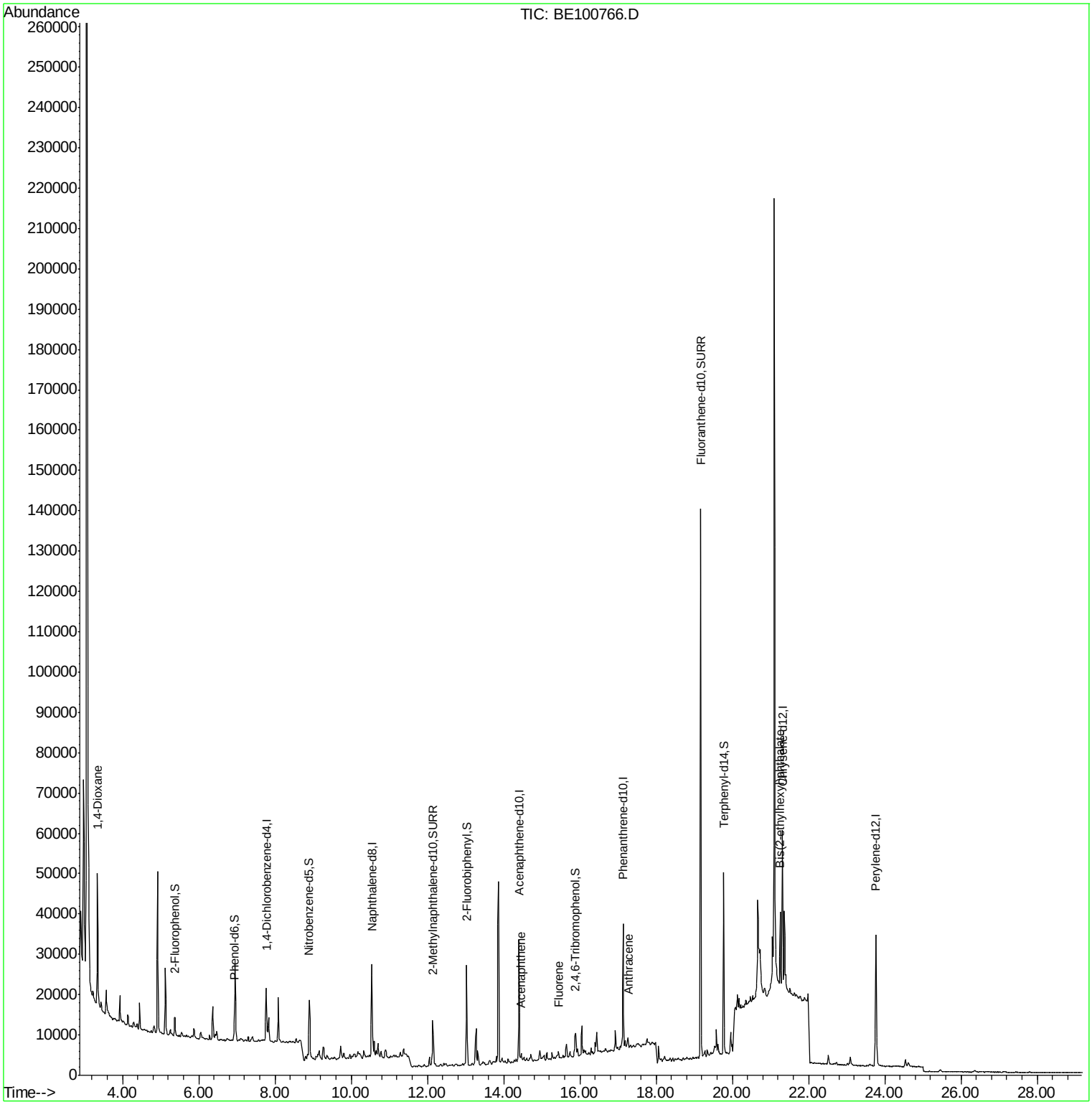
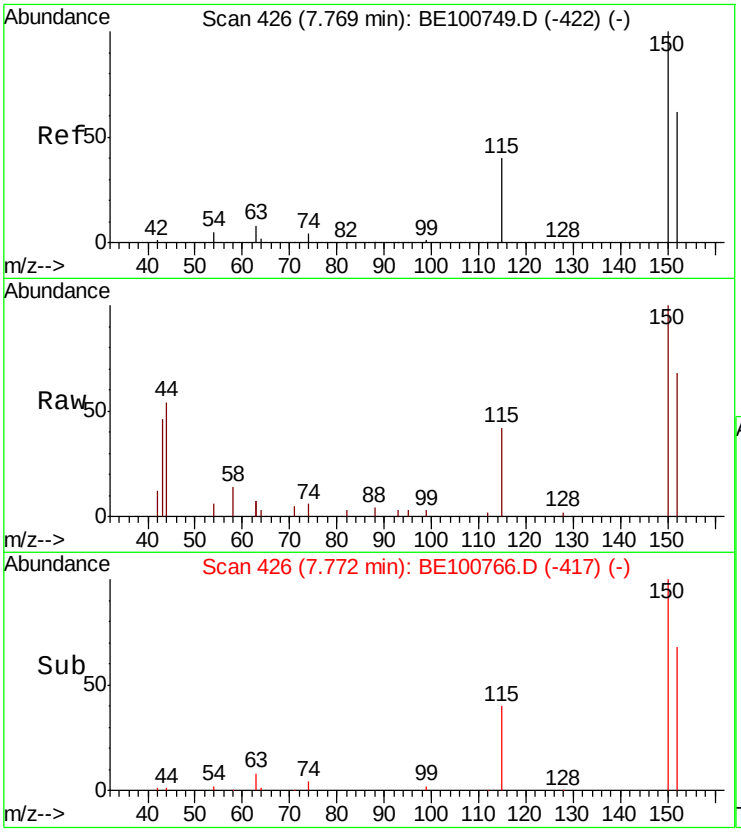


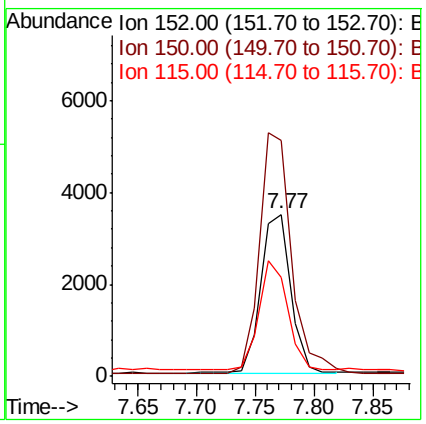


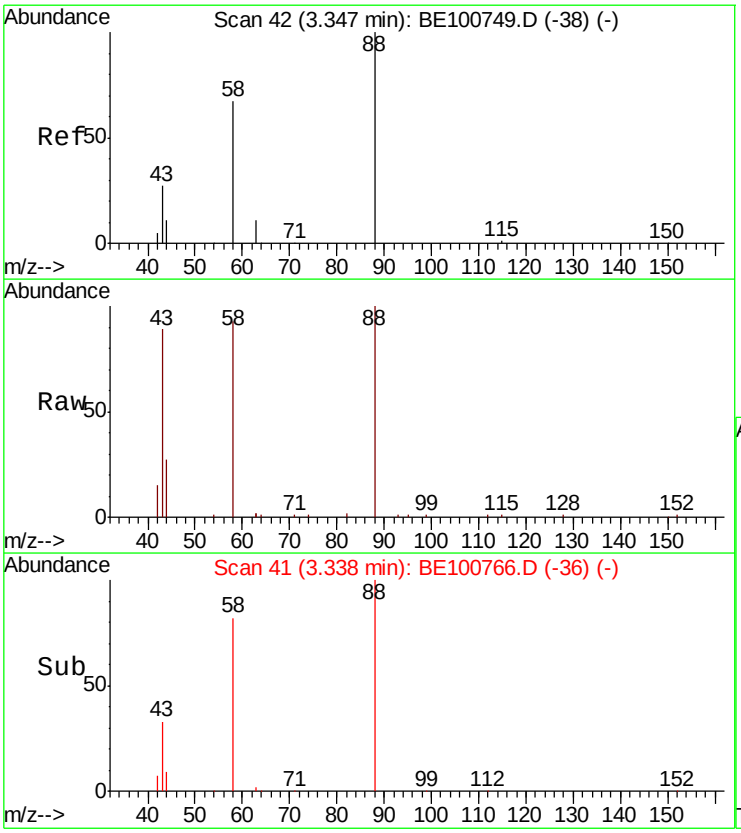
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:152 Resp: 6152

Ion	Ratio	Lower	Upper
152	100		
150	146.2	127.1	190.7
115	61.4	53.0	79.4

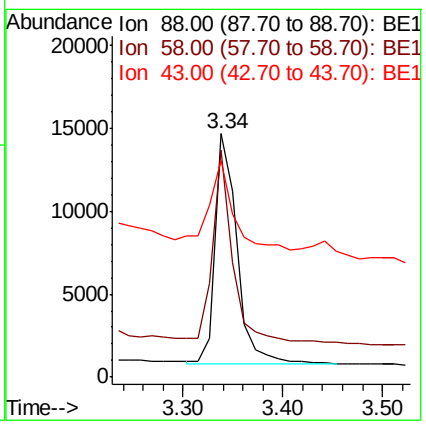


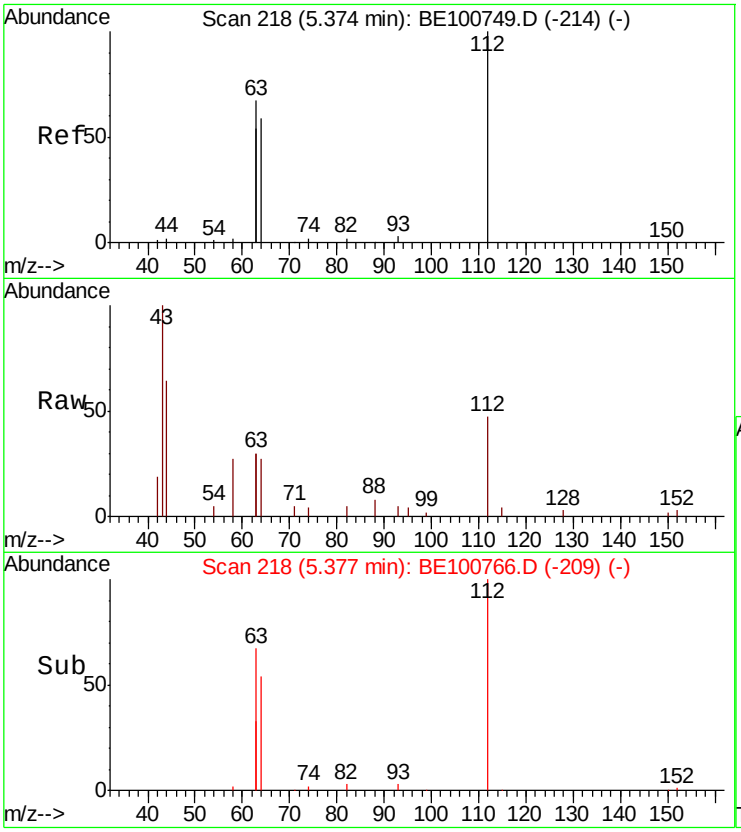


#2
1,4-Dioxane
Concen: 1.824 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion: 88 Resp: 21051

Ion	Ratio	Lower	Upper
88	100		
58	75.5	60.7	91.1
43	38.9	27.4	41.2



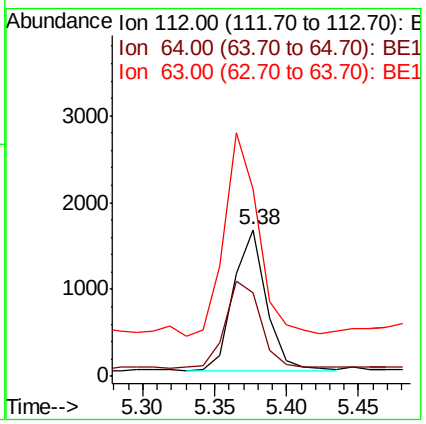


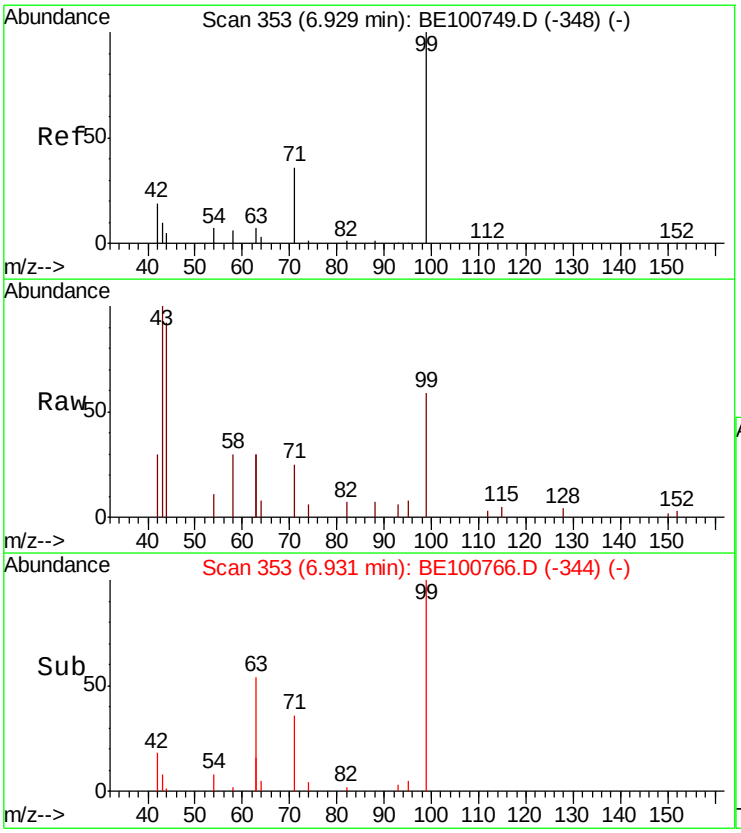
#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:112 Resp: 2562

Ion	Ratio	Lower	Upper
112	100		
64	66.5	54.3	81.5
63	146.1	114.0	171.0

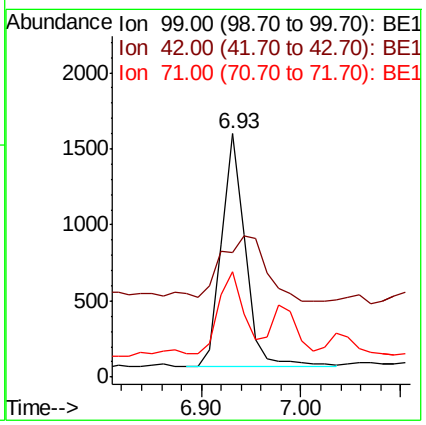


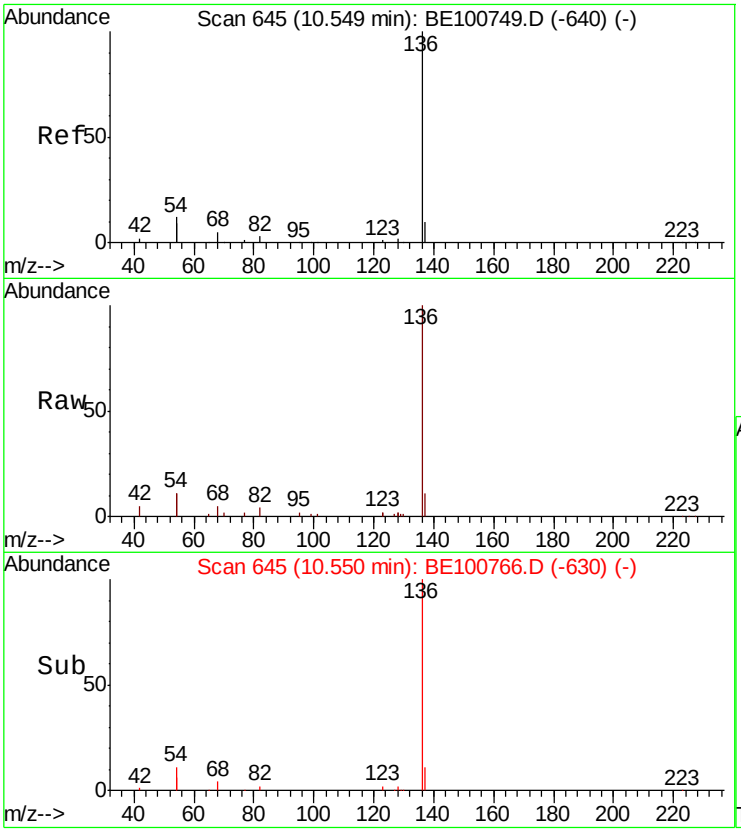


#5
Phenol-d6
Concen: 0.105 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion: 99 Resp: 2536

Ion	Ratio	Lower	Upper
99	100		
42	52.3	17.9	26.9#
71	36.7	29.3	43.9



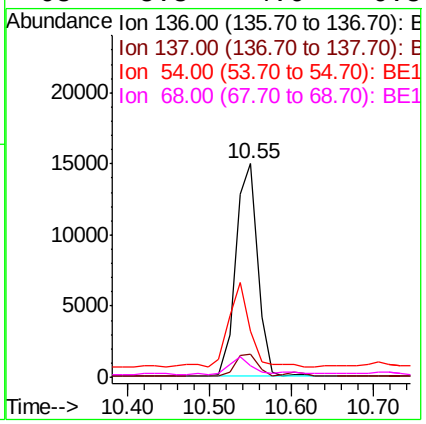


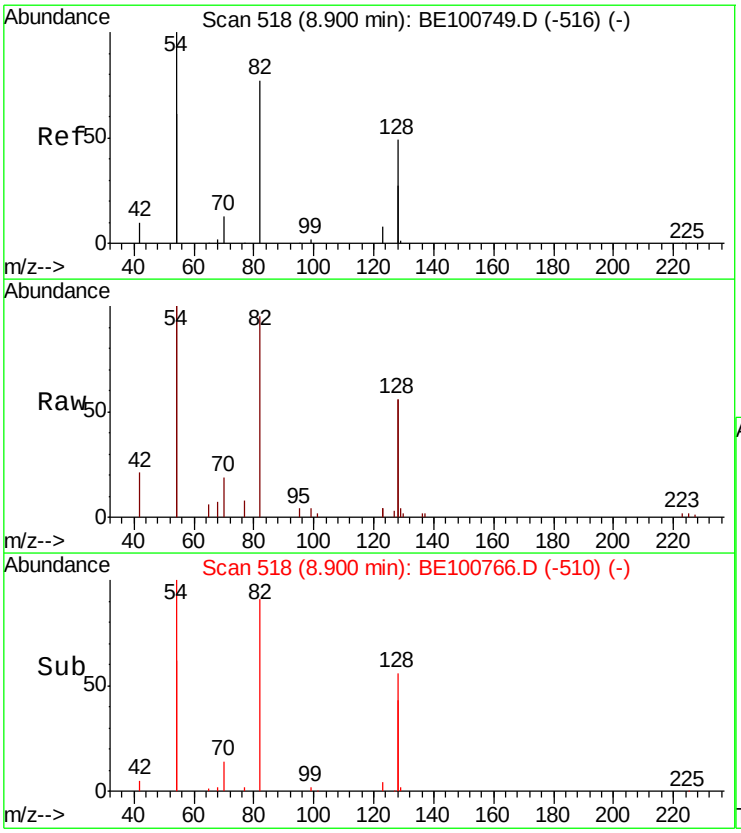
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:136 Resp: 27550

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	21.7	19.4	29.0
68	5.3	4.6	6.8

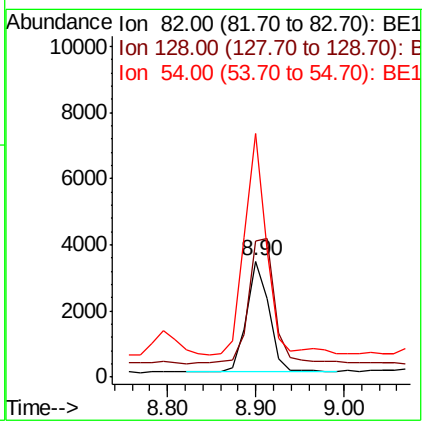


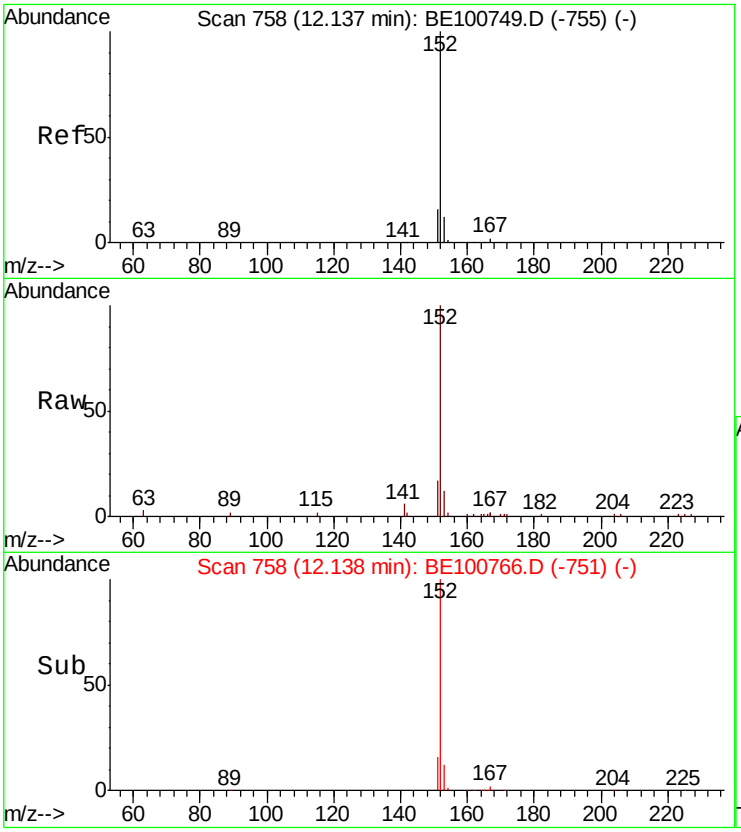


#8
Nitrobenzene-d5
Concen: 0.673 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion: 82 Resp: 5945

Ion	Ratio	Lower	Upper
82	100		
128	117.5	90.2	135.4
54	209.7	186.0	279.0



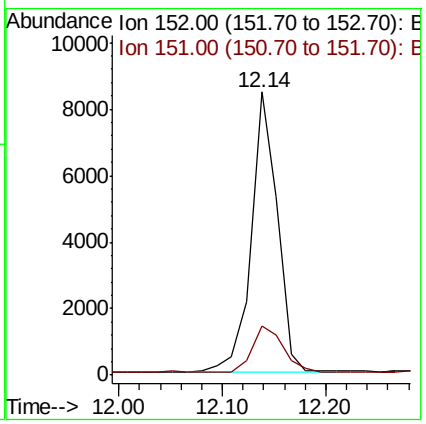


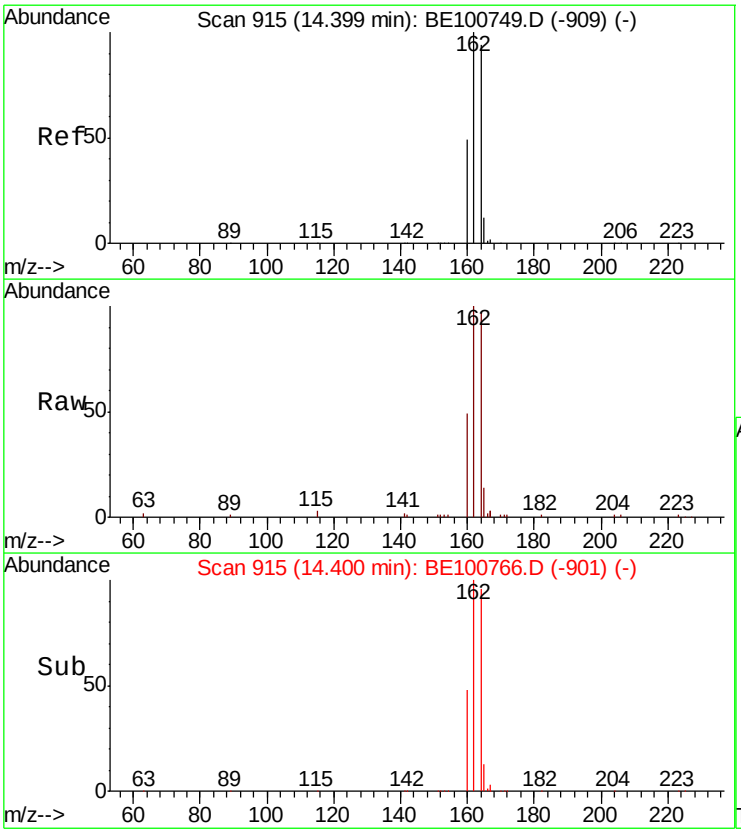
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:152 Resp: 14749

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8

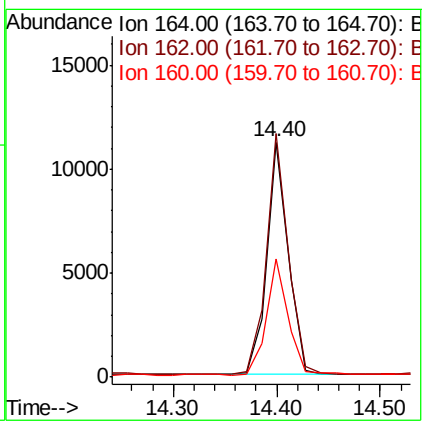


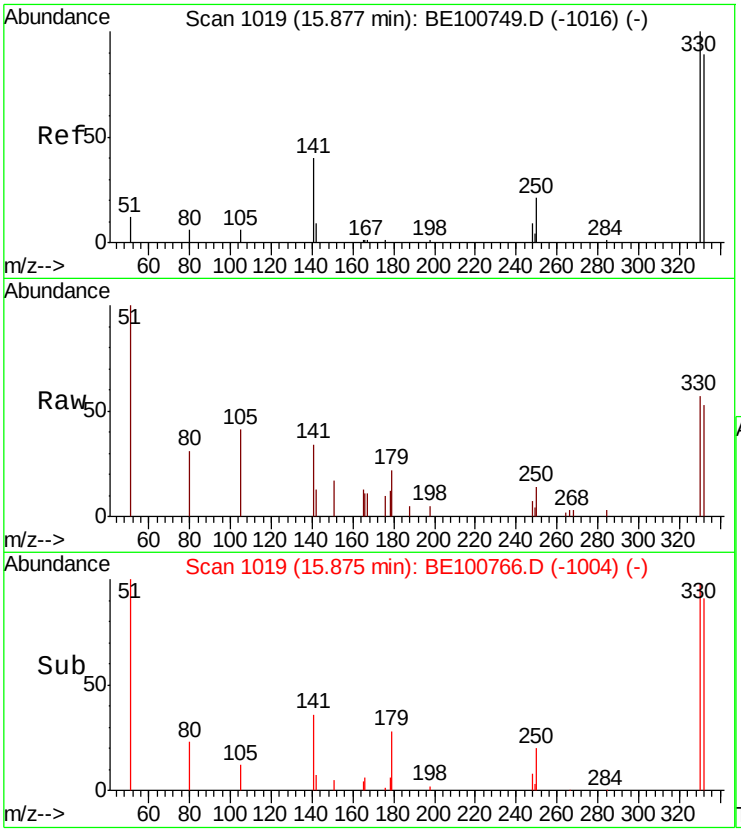


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion:164 Resp: 16304

Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.8	127.2
160	50.3	42.3	63.5



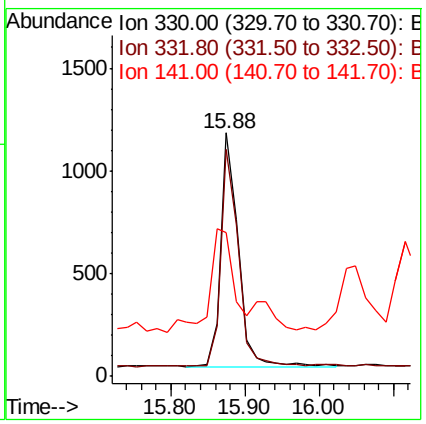


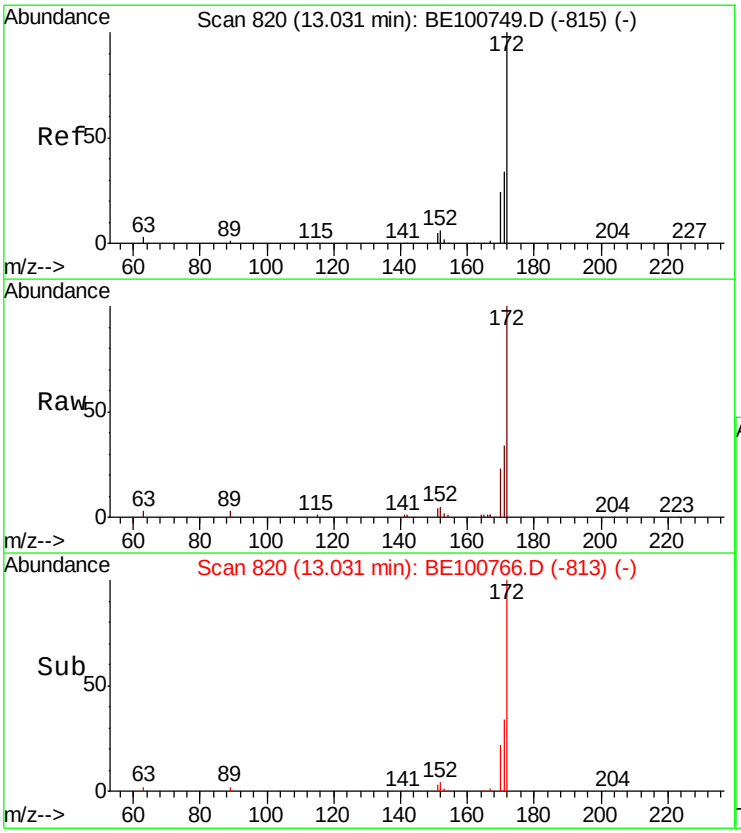
#14
2,4,6-Tribromophenol
Concen: 0.814 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:330 Resp: 1871

Ion	Ratio	Lower	Upper
330	100		
332	92.4	79.3	118.9
141	61.4	43.8	65.6

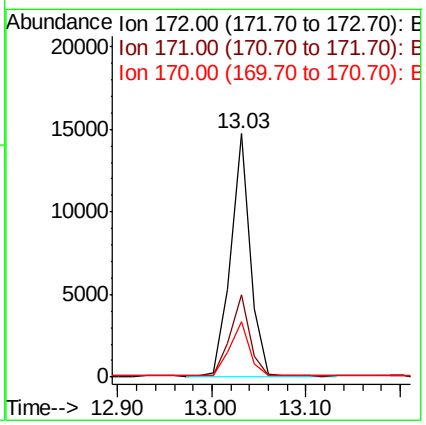


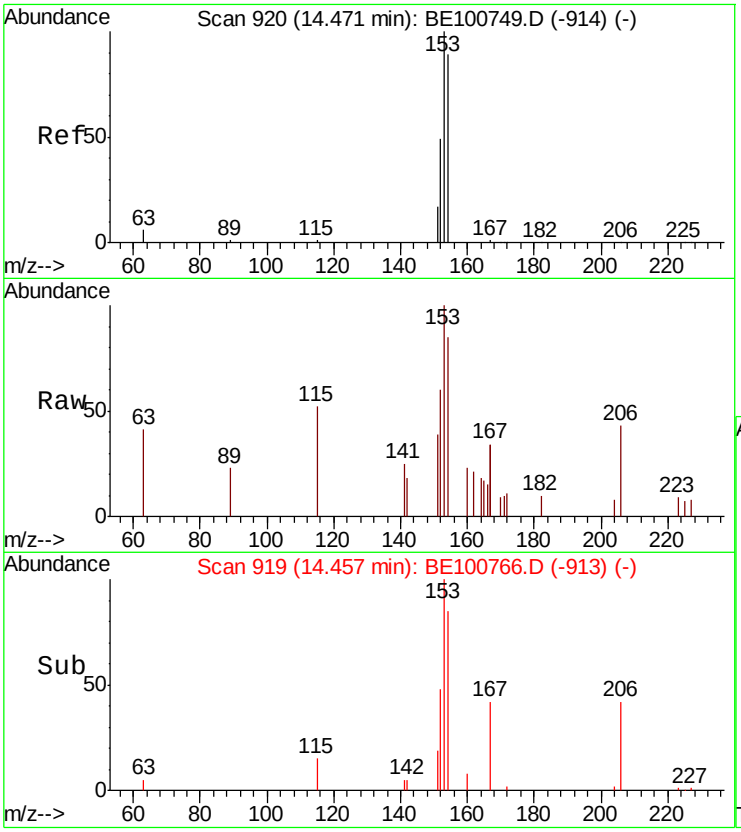


#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion:172 Resp: 21081

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.8	41.6
170	22.8	19.4	29.2



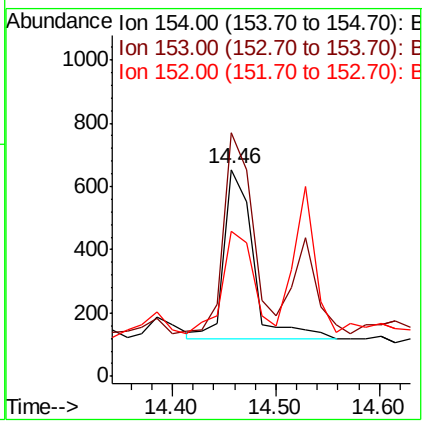


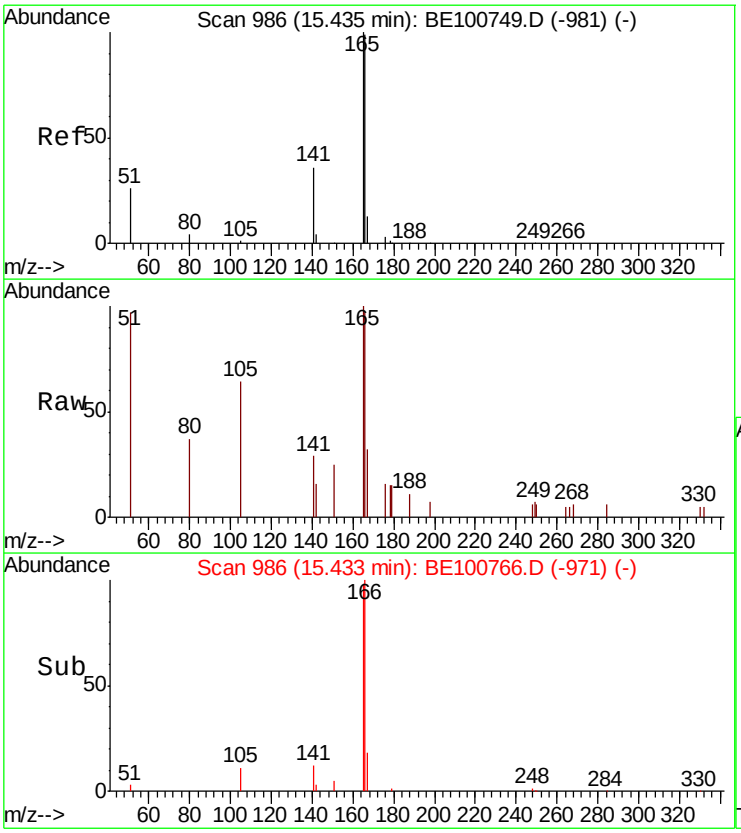
#17
Acenaphthene
Concen: 0.022 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.01 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:154 Resp: 1042

Ion	Ratio	Lower	Upper
154	100		
153	117.2	91.6	137.4
152	65.9	47.0	70.6

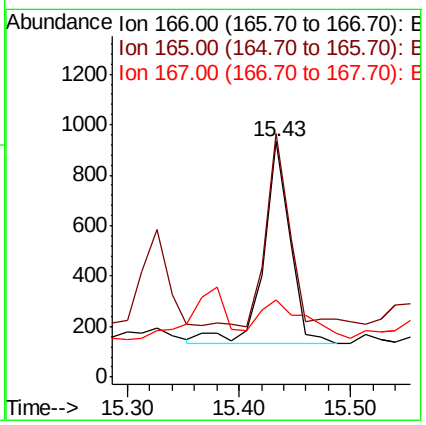


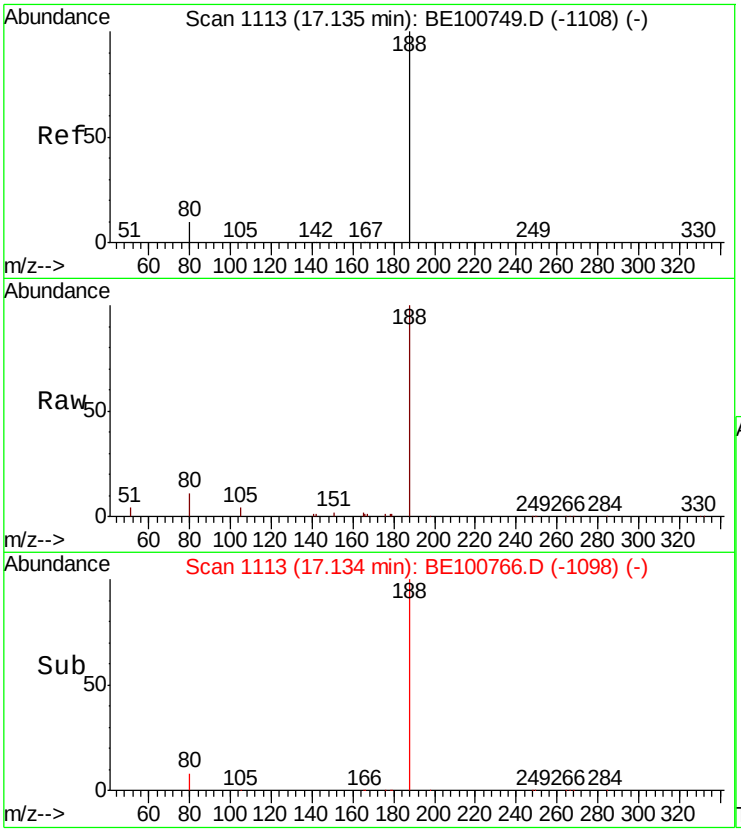


#18
Fluorene
Concen: 0.022 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion:166 Resp: 1317

Ion	Ratio	Lower	Upper
166	100		
165	84.7	80.2	120.4
167	32.3	11.0	16.4#



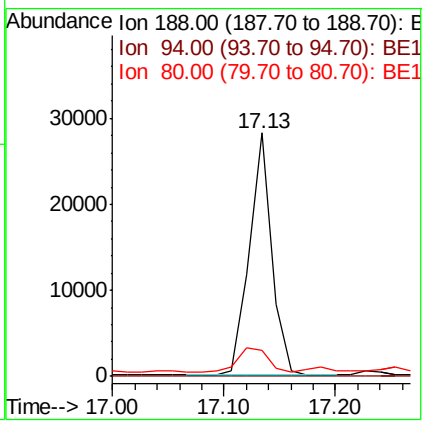


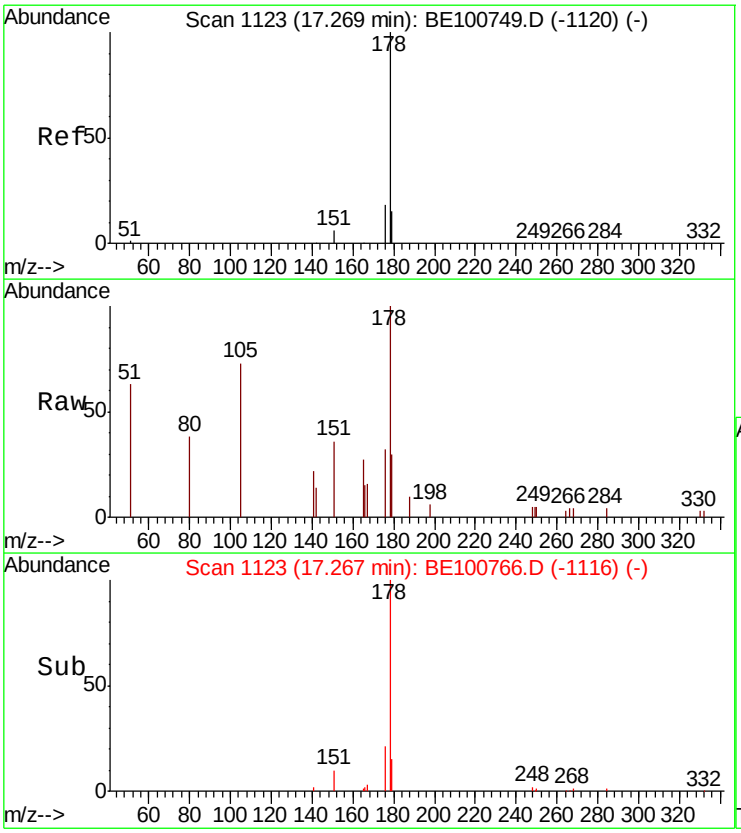
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:188 Resp: 39300

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	8.2	12.2

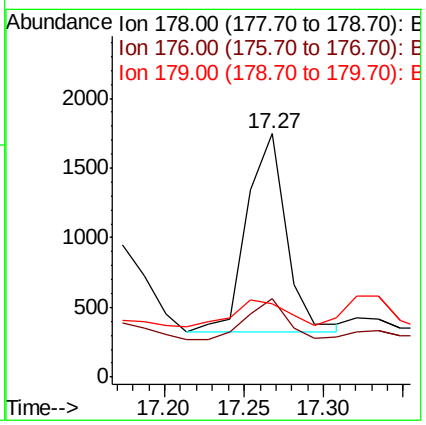


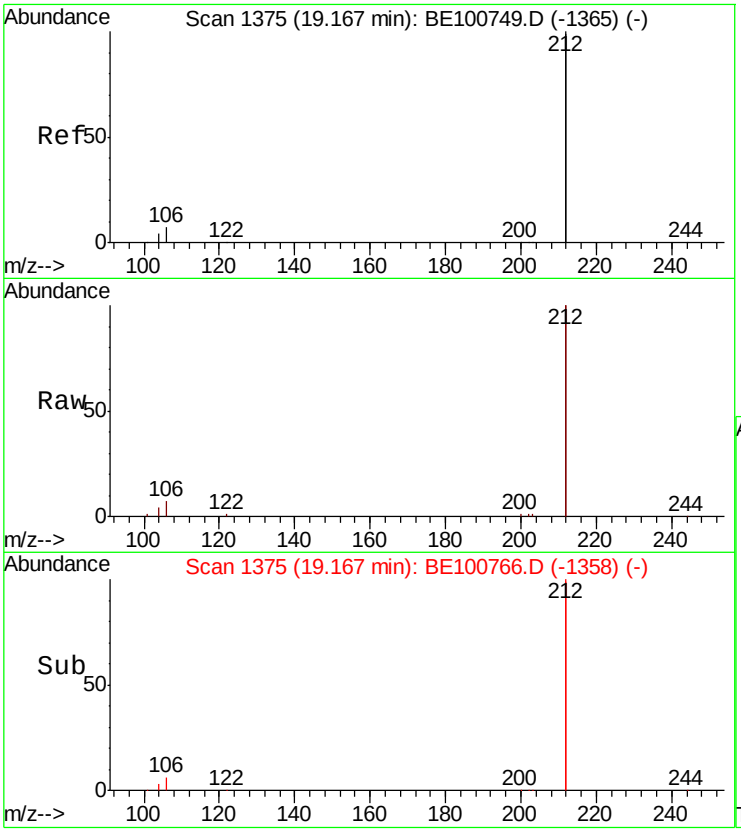


#24
Anthracene
Concen: 0.024 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion:178 Resp: 2424

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.9	22.3
179	17.4	12.2	18.4



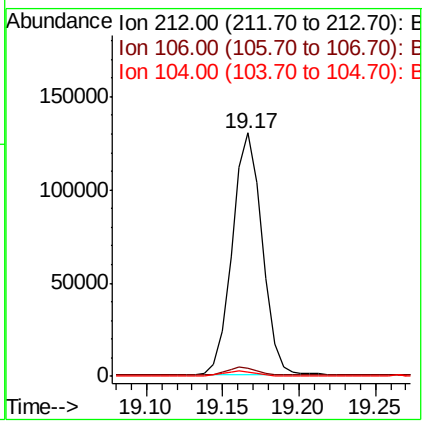


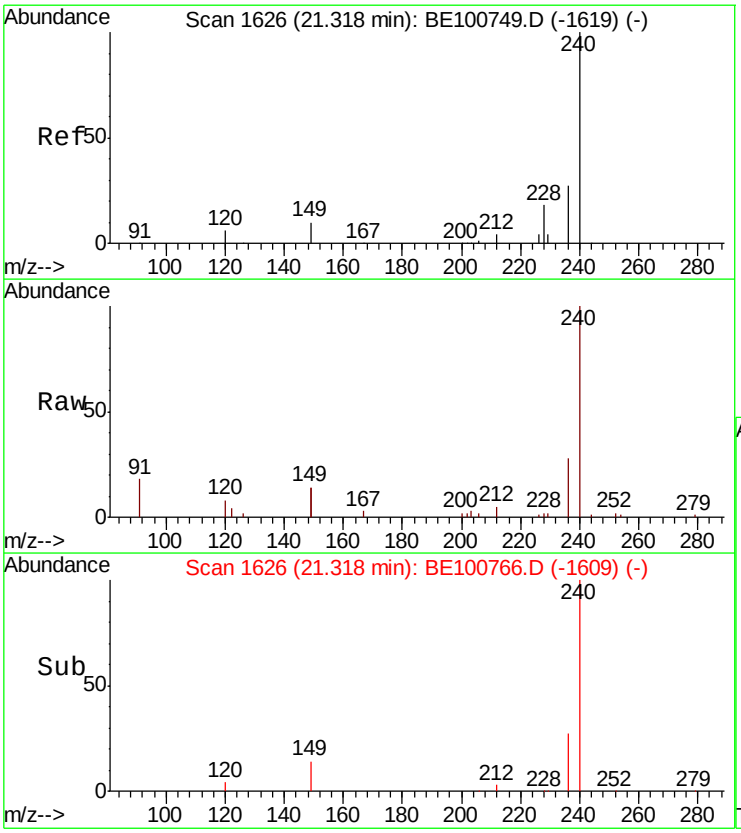
#25
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:212 Resp: 176420

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.6	4.0
104	2.0	1.5	2.3

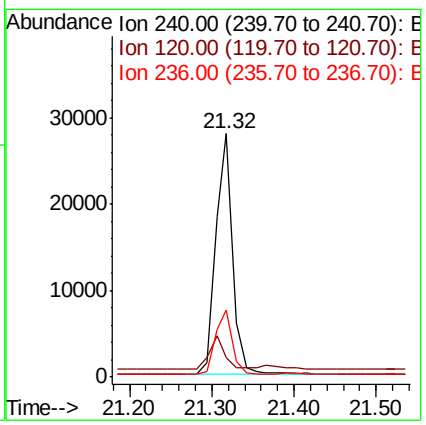


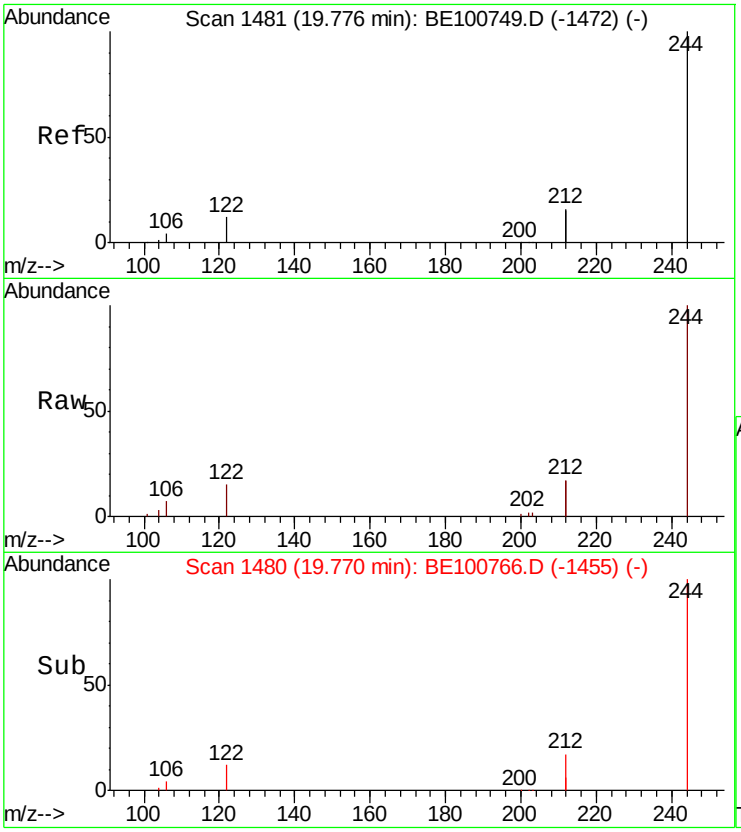


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion:240 Resp: 40002

Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.8	8.8
236	27.7	21.9	32.9



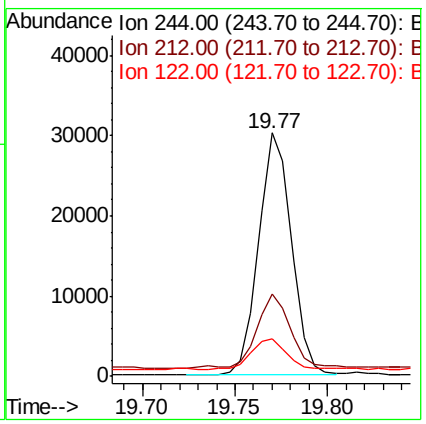


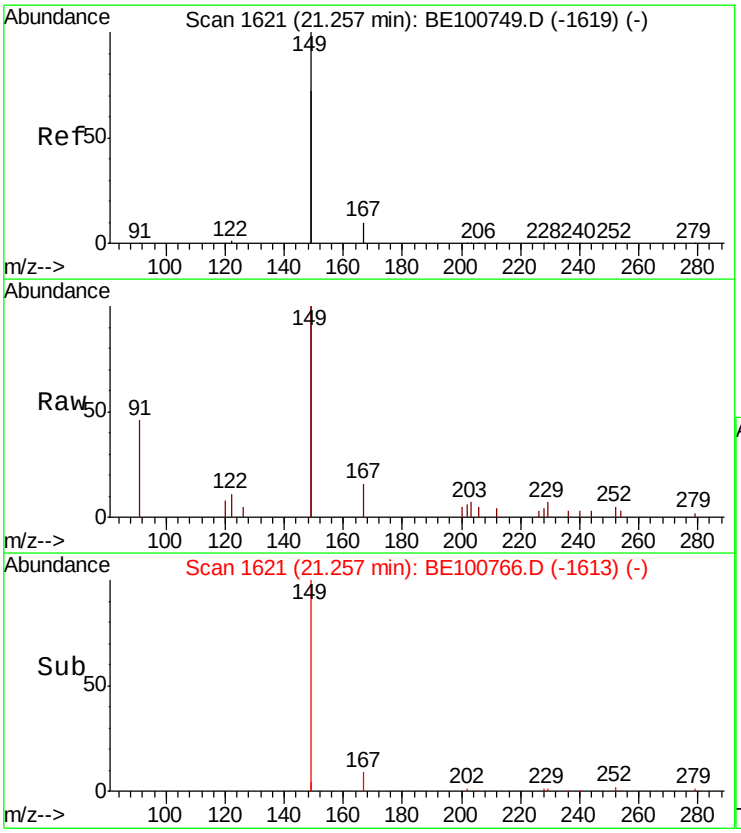
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.77 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:244 Resp: 36907

Ion	Ratio	Lower	Upper
244	100		
212	34.0	25.2	37.8
122	15.3	9.8	14.6#

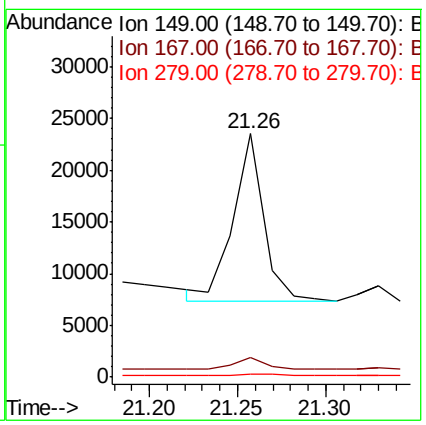


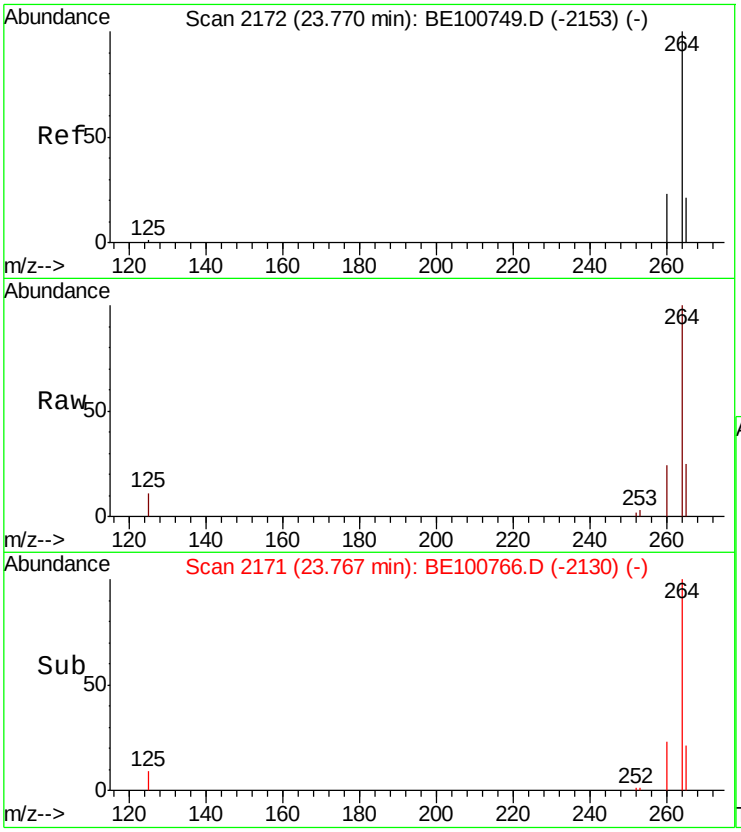


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.059 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Tgt Ion:149 Resp: 19459

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.5	8.3
279	1.1	0.7	1.1#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE100766.D
Acq: 22 Nov 2019 20:12

Instrument :
BNA_E
ClientSampleId :
HF-608U

Tgt Ion:264 Resp: 44833

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	24.9	22.4	33.6