Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
Data File : BE100764.D
Acq On : 22 Nov 2019 18:57
Operator : JU
Sample : K5969-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 23 04:24:58 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	5932	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	27001	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	16327	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	40544	0.40	ng	0.00
27) Chrysene-d12	21.32	240	42390	0.40	ng	0.00
34) Perylene-d12	23.77	264	48090	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	396	0.02	ng	0.00
5) Phenol-d6	6.93	99	576	0.02	ng	0.00
8) Nitrobenzene-d5	8.90	82	2689	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	6560	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	328	0.14	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	10430	0.16	ng	0.00
25) Fluoranthene-d10	19.18	212	86405	0.17	ng	0.02
29) Terphenyl-d14	19.77	244	16942	0.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	889	0.080	ng	# 1
22) Pentachlorophenol	16.79	266	60	0.073	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.26	149	63121	0.310	ng	99
33) Indeno(1,2,3-cd)pyrene	26.34	276	558	0.040	ng	# 56
39) Benzo(g,h,i)perylene	27.13	276	269	0.024	ng	# 1

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

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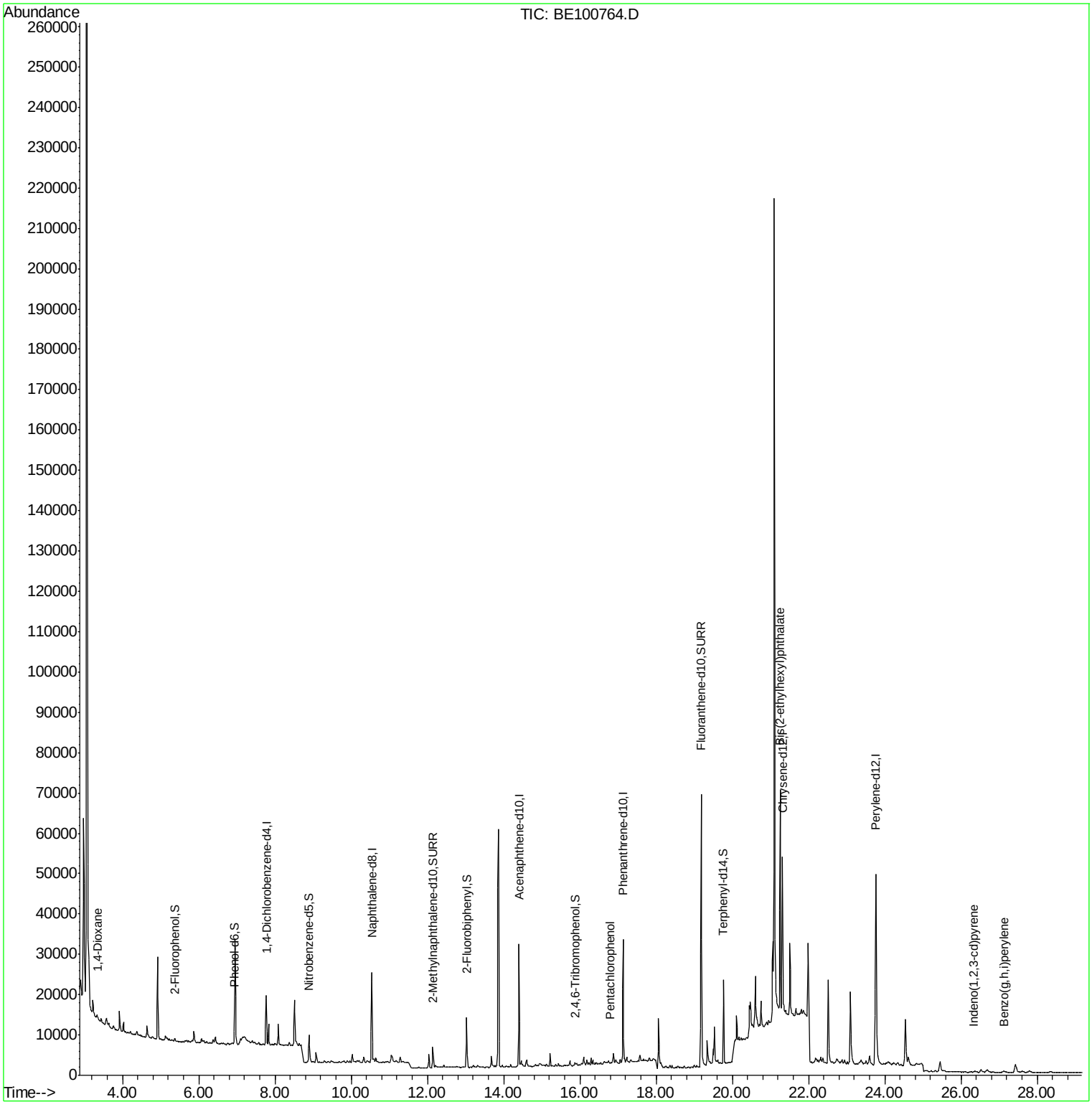
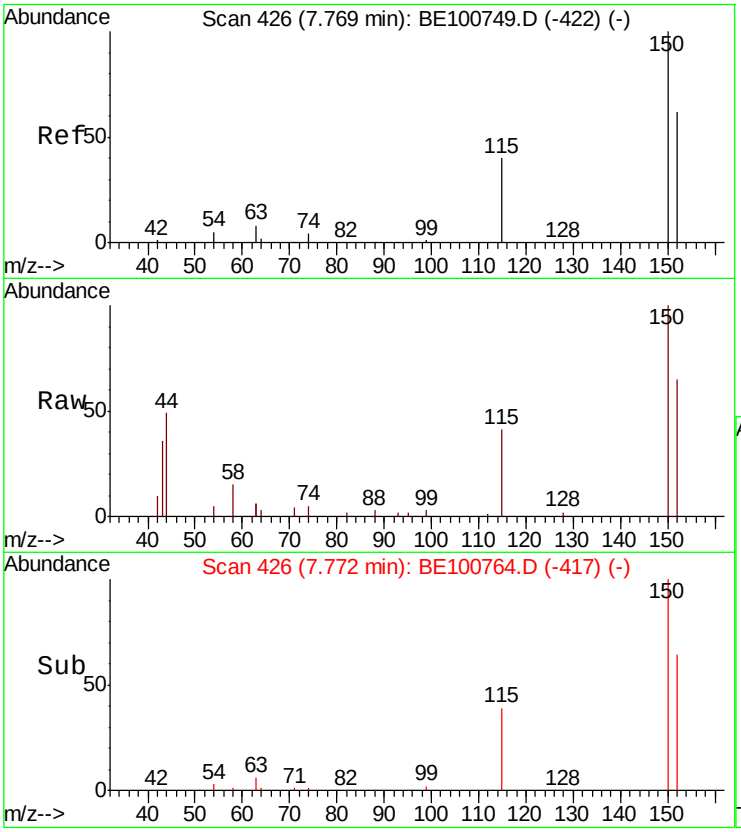


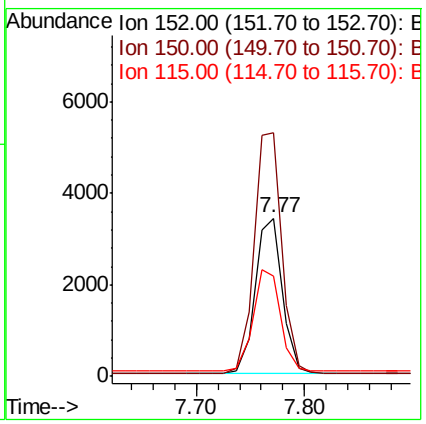


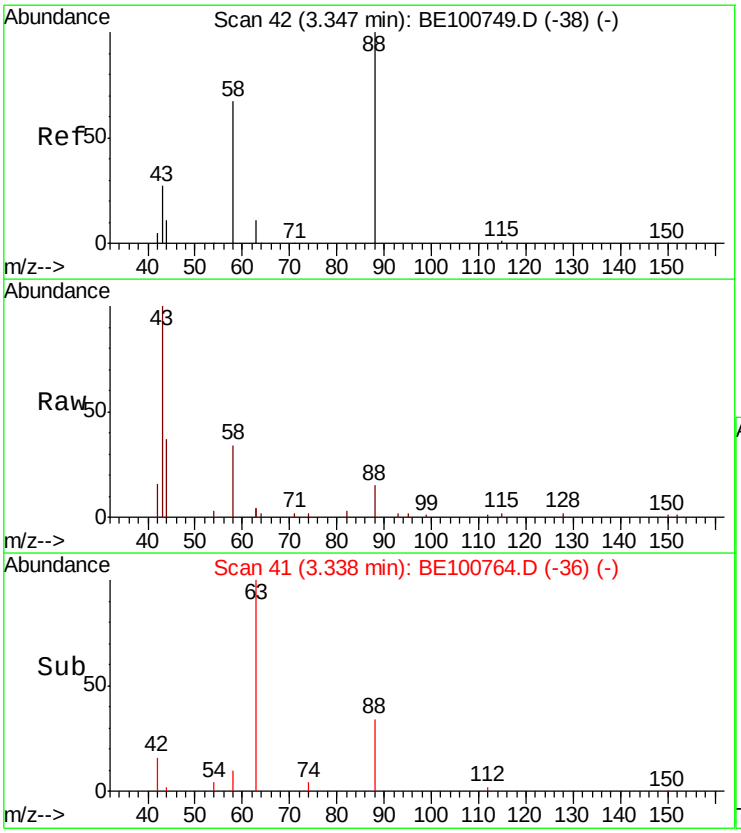
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5932

Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.1	190.7
115	63.2	53.0	79.4

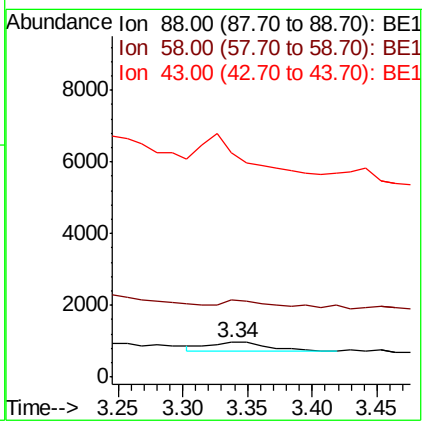


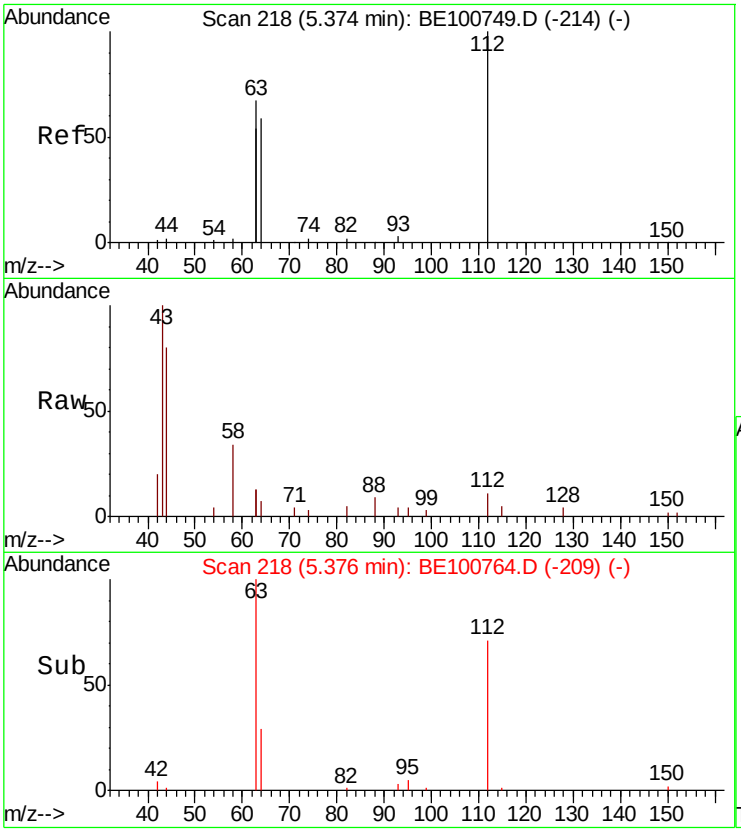


#2
1,4-Dioxane
Concen: 0.080 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion: 88 Resp: 889

Ion	Ratio	Lower	Upper
88	100		
58	60.5	60.7	91.1#
43	276.4	27.4	41.2#



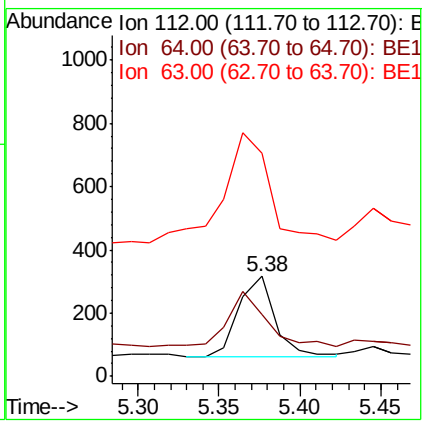


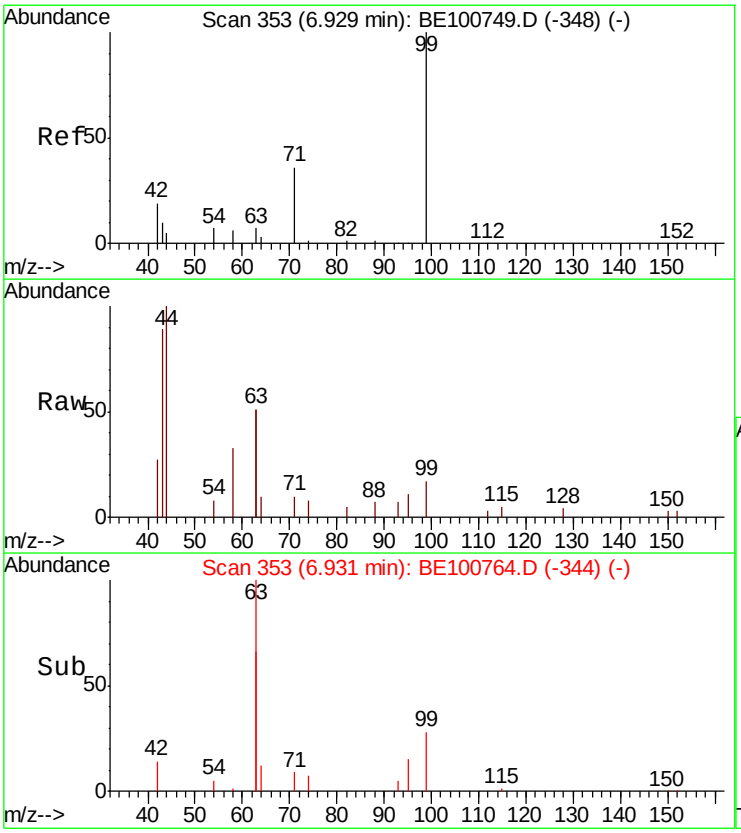
#4
2-Fluorophenol
Concen: 0.025 ng
RT: 5.38 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 396

Ion	Ratio	Lower	Upper
112	100		
64	72.5	54.3	81.5
63	177.3	114.0	171.0#

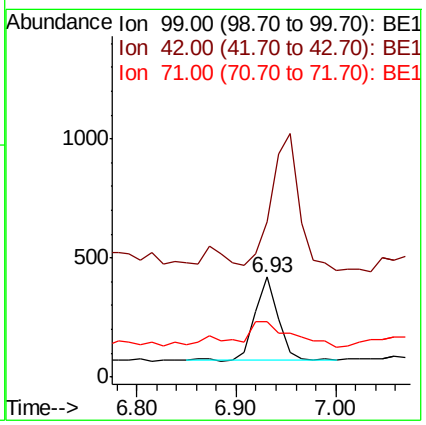


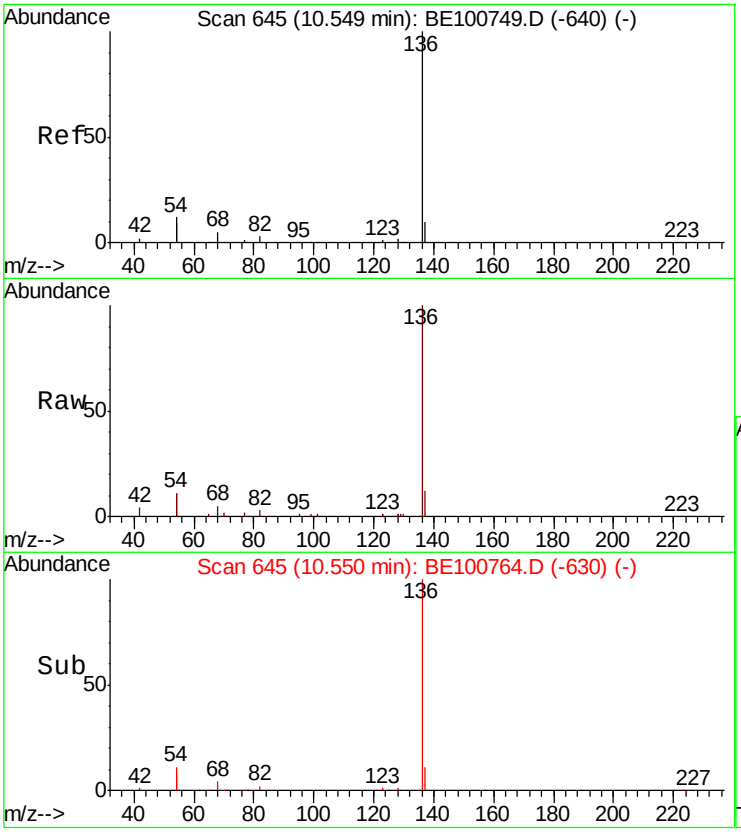


#5
Phenol-d6
Concen: 0.025 ng
RT: 6.93 min Scan# 353
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion: 99 Resp: 576

Ion	Ratio	Lower	Upper
99	100		
42	0.0	17.9	26.9#
71	56.8	29.3	43.9#



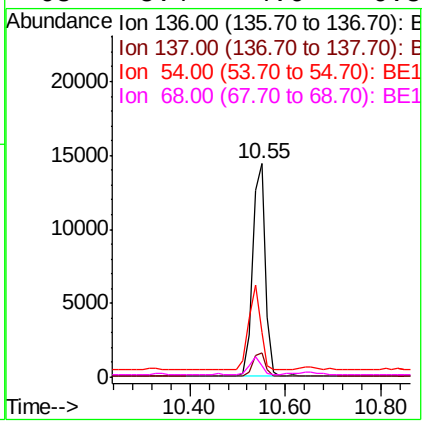


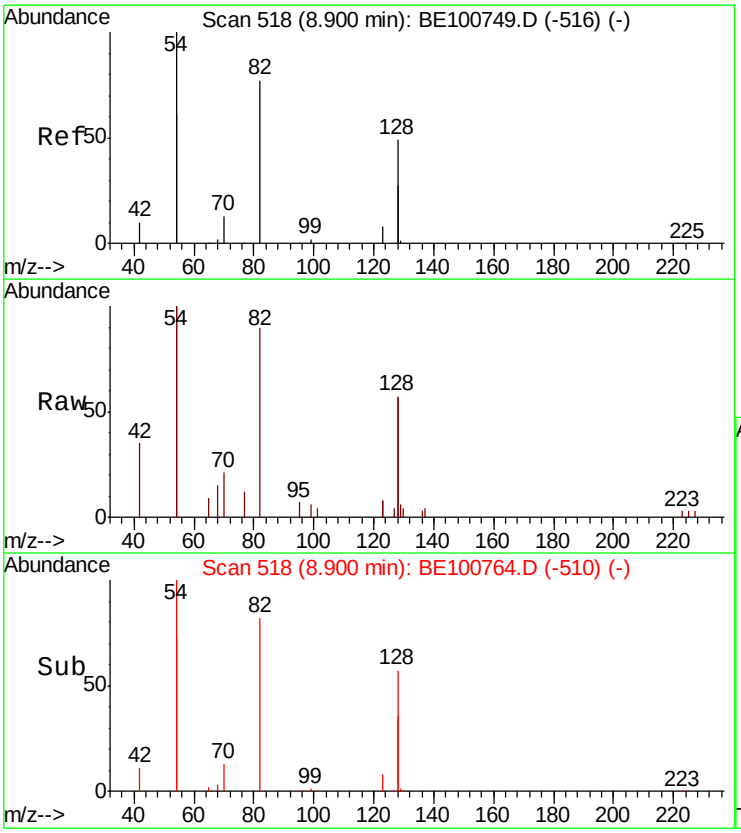
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 27001

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	21.0	19.4	29.0
68	5.4	4.6	6.8

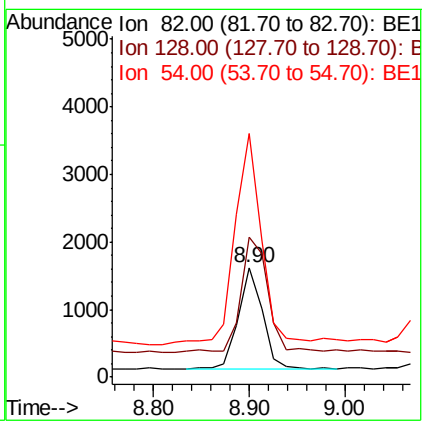


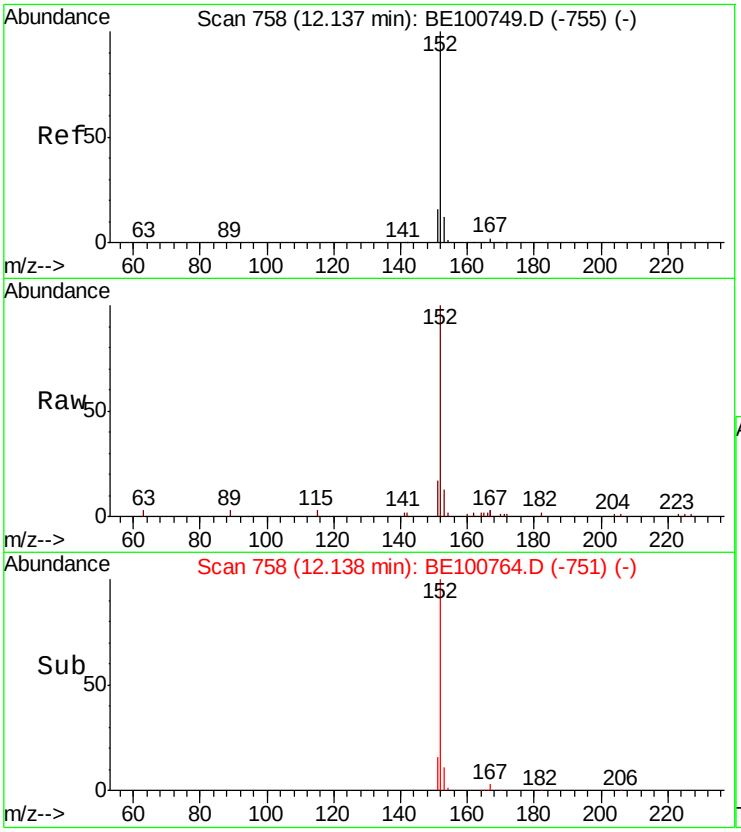


#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.90 min Scan# 518
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion: 82 Resp: 2689

Ion	Ratio	Lower	Upper
82	100		
128	127.6	90.2	135.4
54	222.7	186.0	279.0



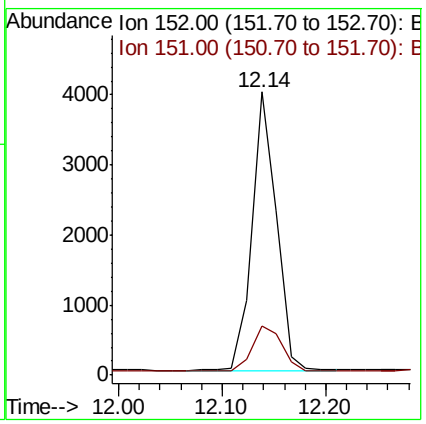


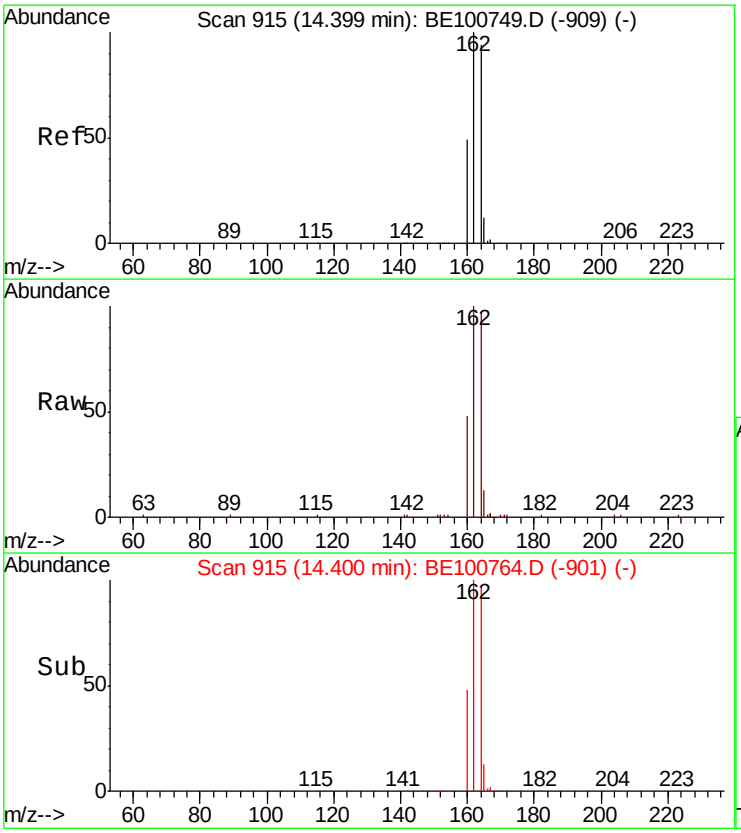
#11
2-Methylnaphthalene-d10
Concen: 0.166 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 6560

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8

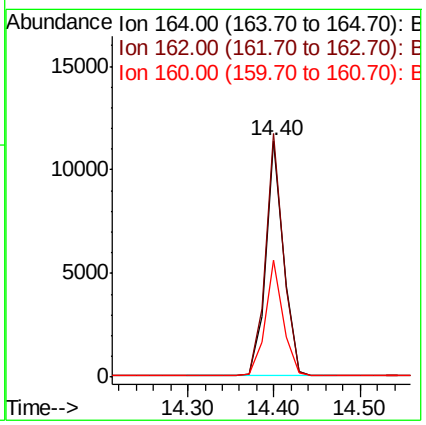


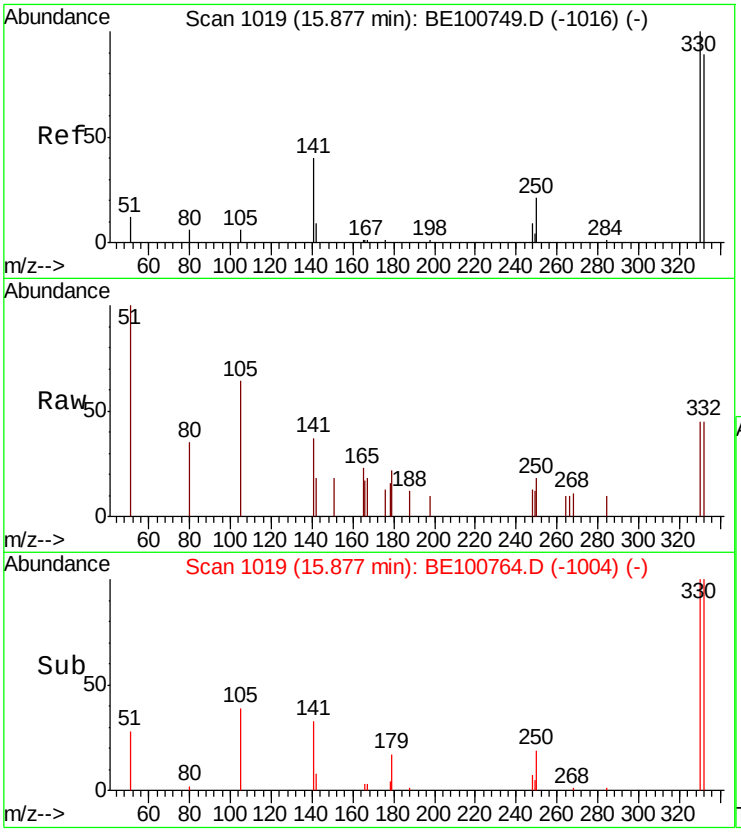


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion:164 Resp: 16327

Ion	Ratio	Lower	Upper
164	100		
162	103.2	84.8	127.2
160	49.3	42.3	63.5



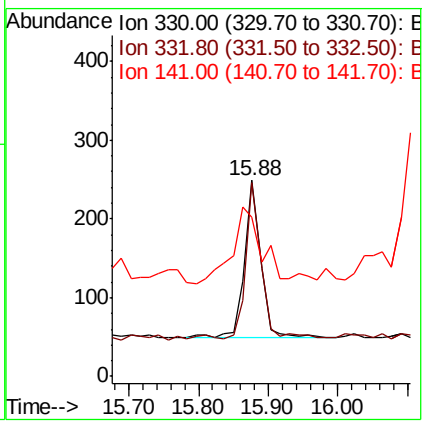


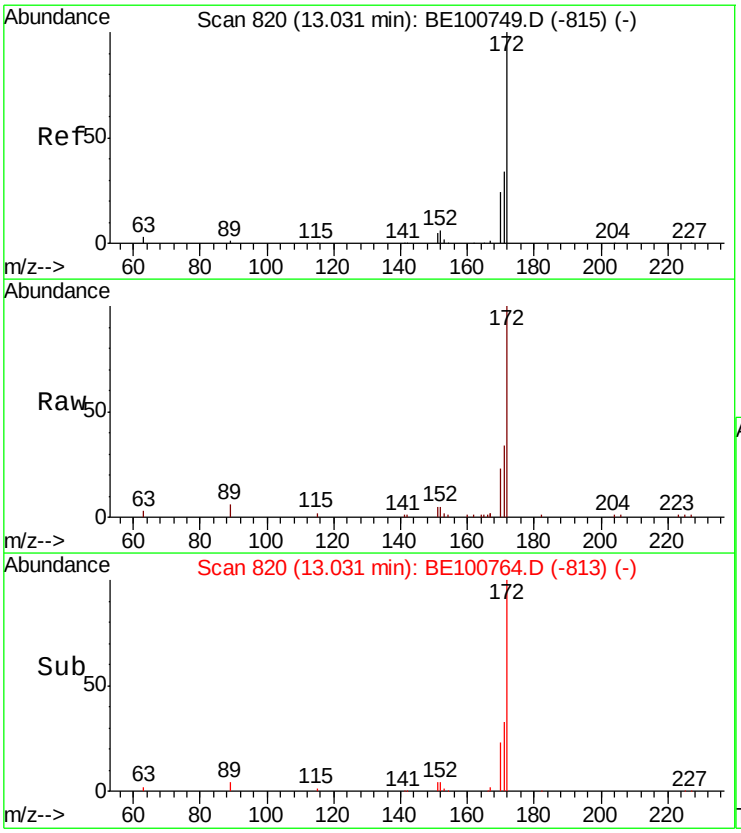
#14
2,4,6-Tribromophenol
Concen: 0.143 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 328

Ion	Ratio	Lower	Upper
330	100		
332	91.2	79.3	118.9
141	87.5	43.8	65.6#

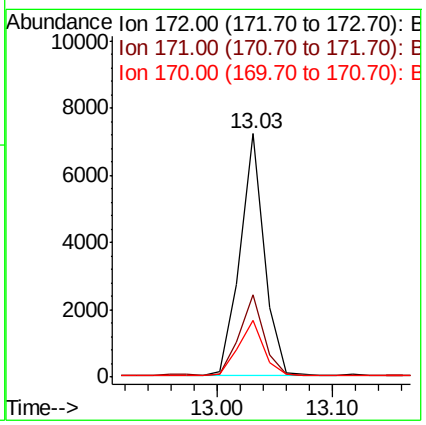


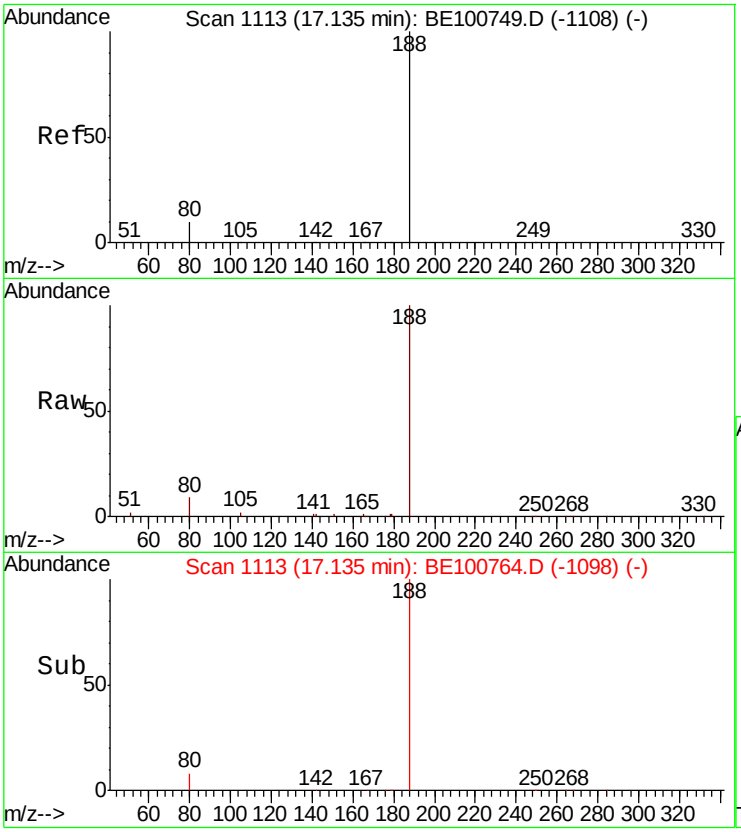


#15
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion:172 Resp: 10430

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.8	41.6
170	23.3	19.4	29.2



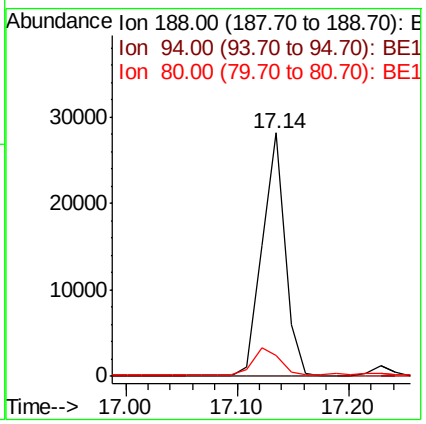


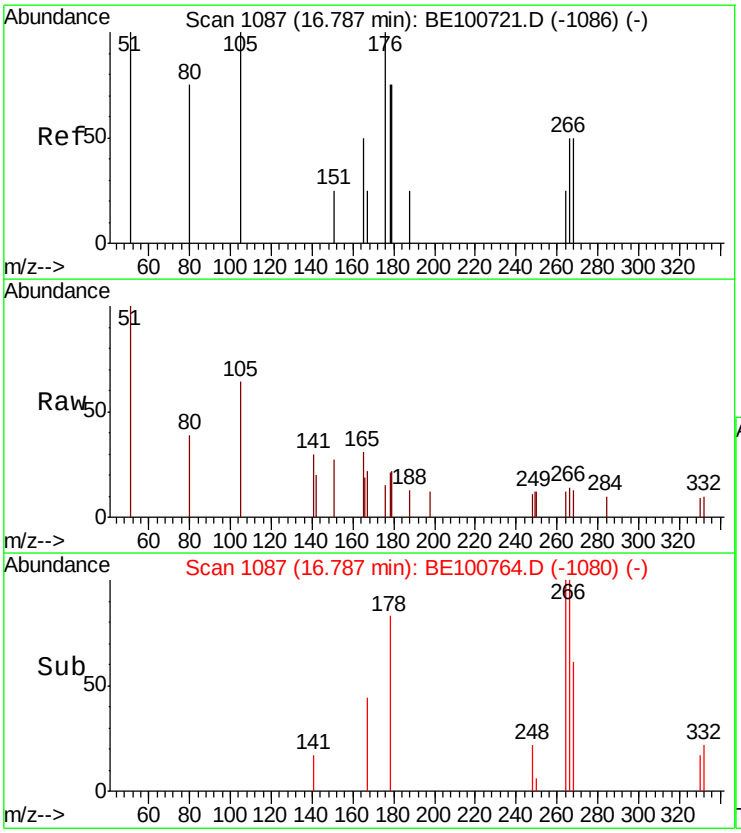
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 40544

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	8.2	12.2

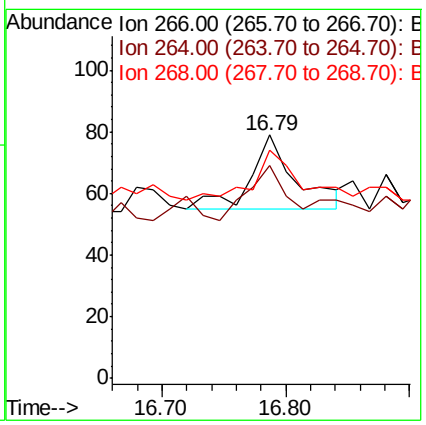


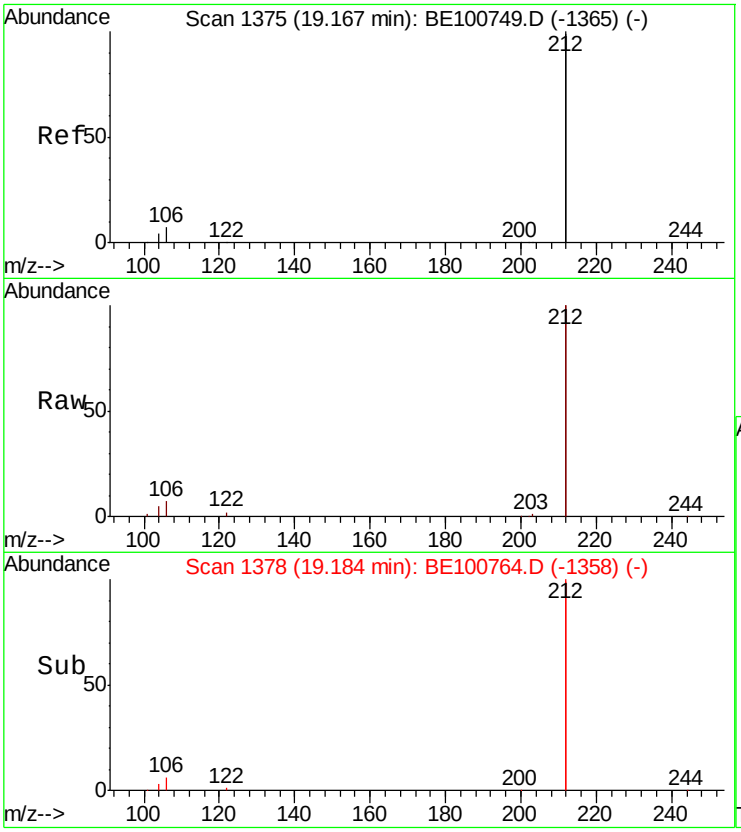


#22
Pentachlorophenol
Concen: 0.073 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion:266 Resp: 60

Ion	Ratio	Lower	Upper
266	100		
264	87.3	54.6	82.0#
268	93.7	52.6	78.8#



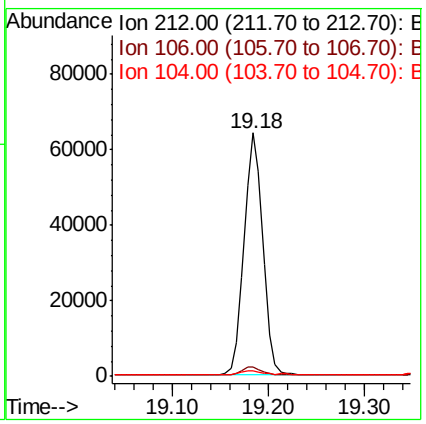


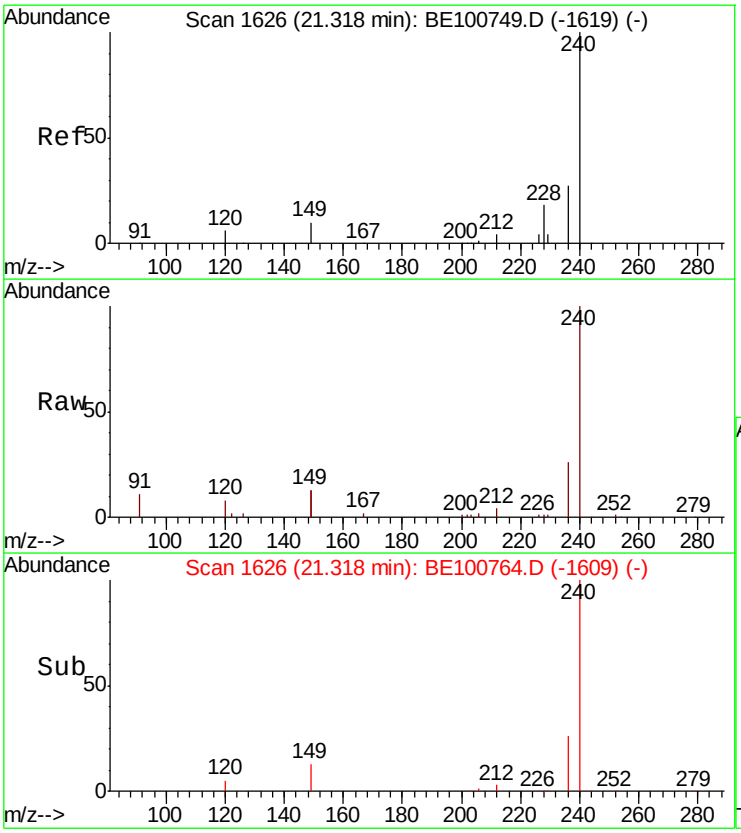
#25
Fluoranthene-d10
Concen: 0.174 ng
RT: 19.18 min Scan# 1378
Delta R.T. 0.02 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 86405

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	4.0
104	2.2	1.5	2.3

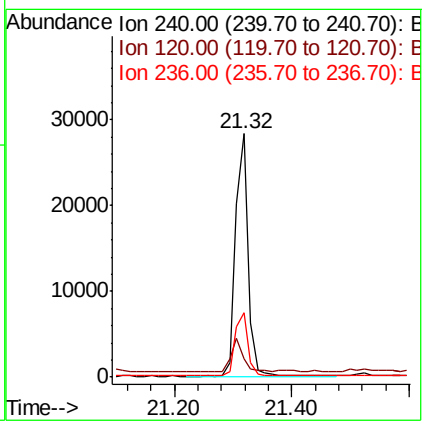


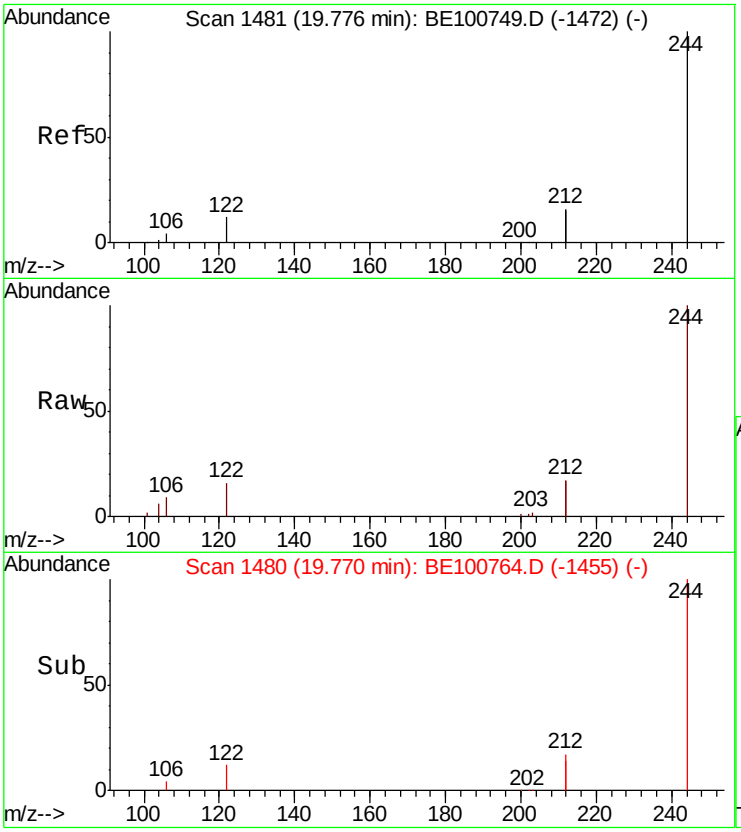


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion:240 Resp: 42390

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.8	8.8
236	26.4	21.9	32.9



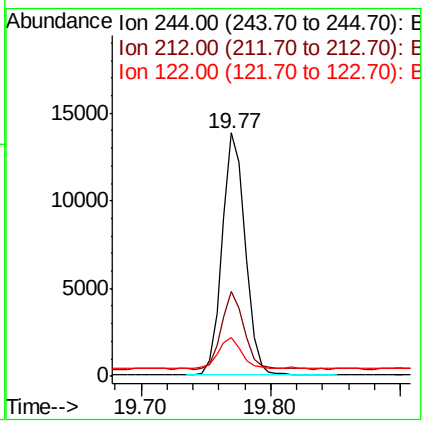


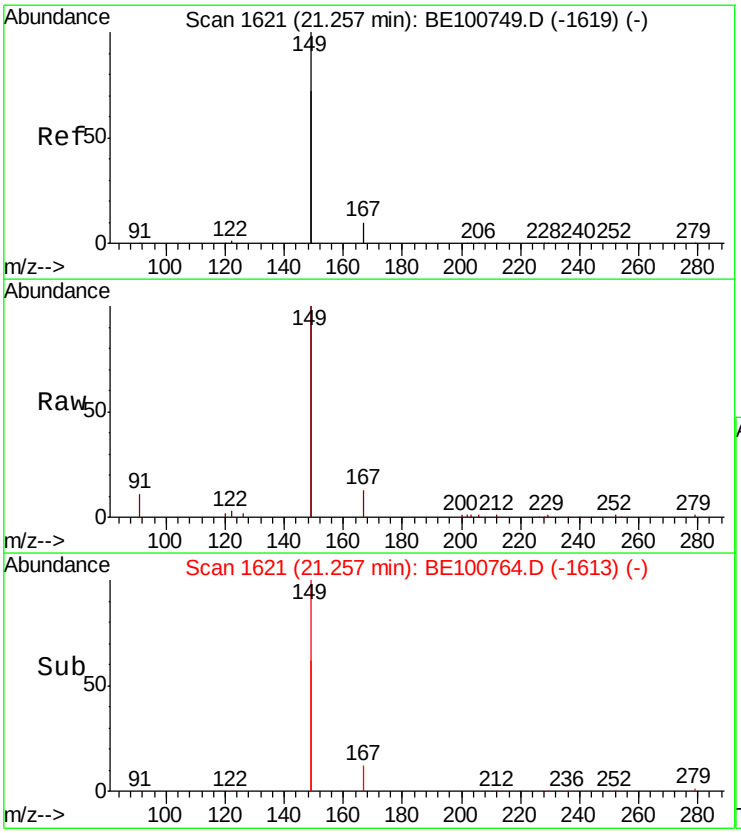
#29
Terphenyl-d14
Concen: 0.174 ng
RT: 19.77 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 16942

Ion	Ratio	Lower	Upper
244	100		
212	34.8	25.2	37.8
122	15.8	9.8	14.6#

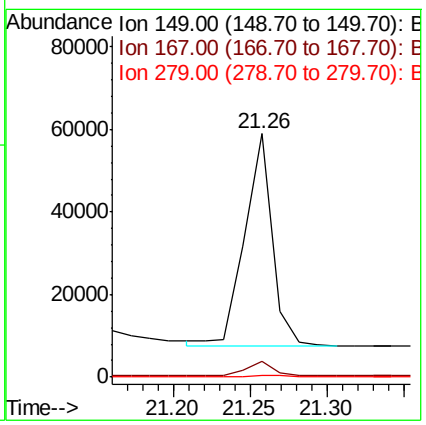


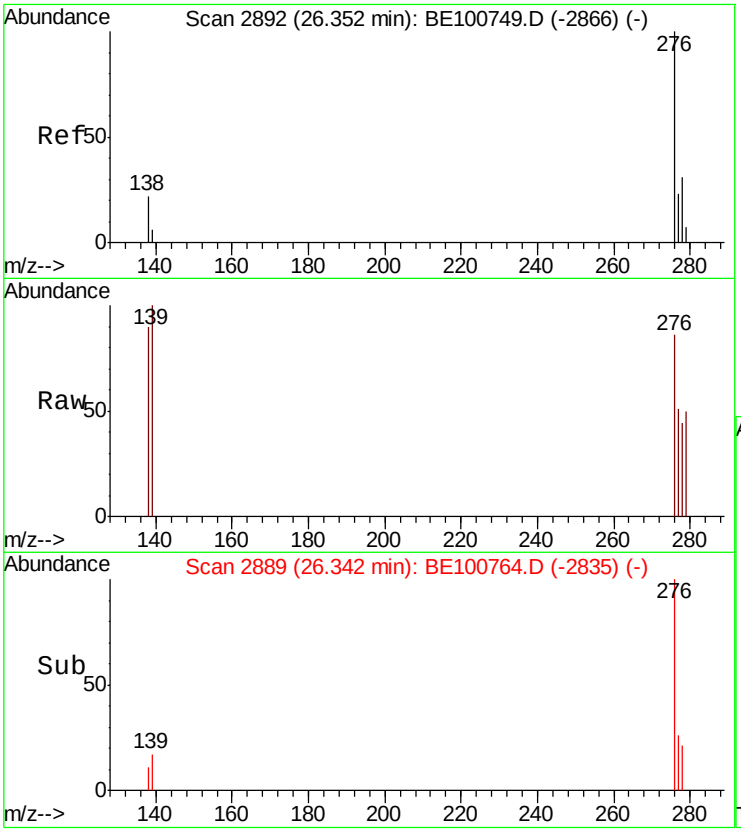


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.310 ng
RT: 21.26 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion:149 Resp: 63121

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.5	8.3
279	0.8	0.7	1.1



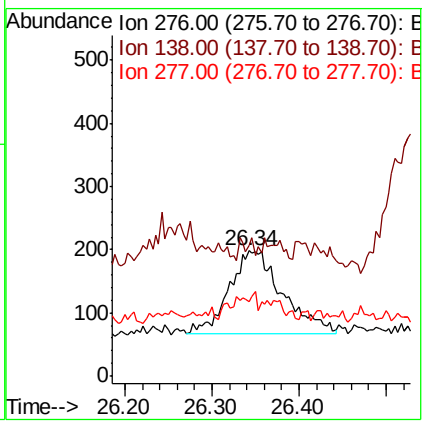


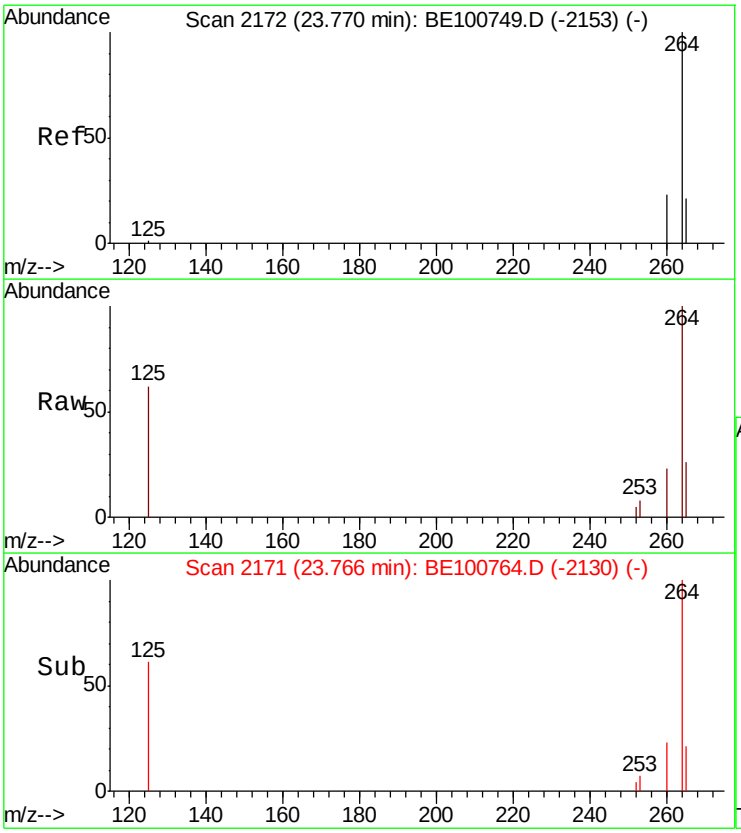
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng
RT: 26.34 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 558

Ion	Ratio	Lower	Upper
276	100		
138	2.9	19.8	29.6#
277	2.9	19.7	29.5#

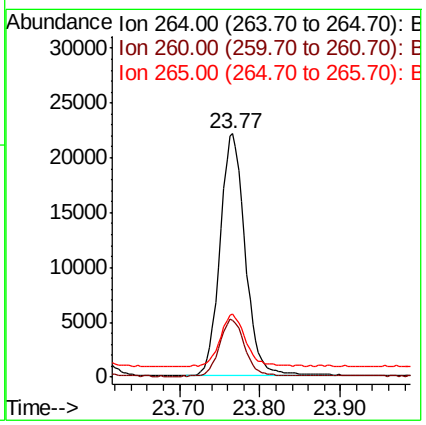


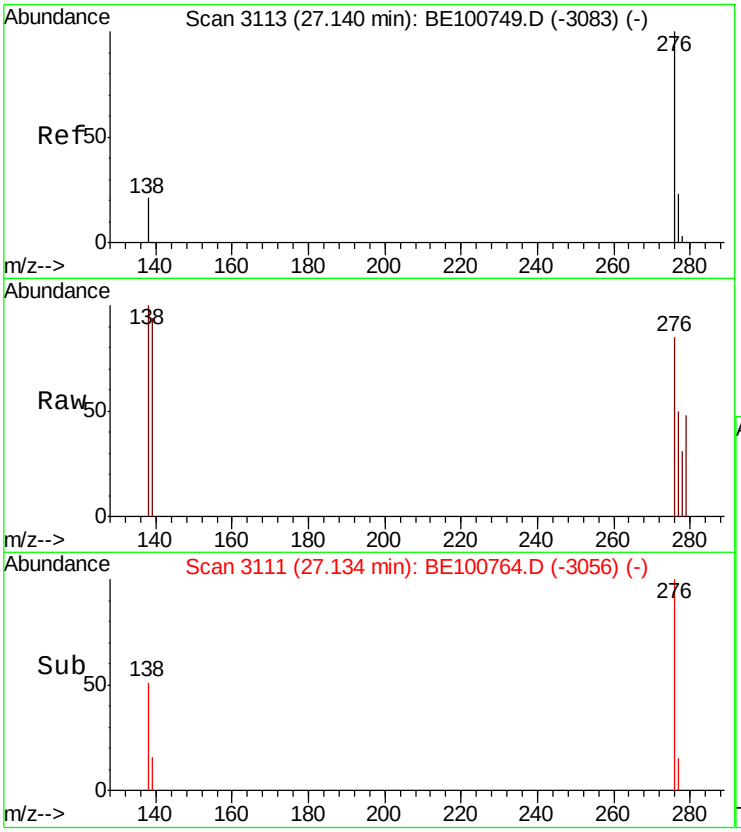


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Tgt Ion:264 Resp: 48090

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	25.8	22.4	33.6





#39
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 27.13 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BE100764.D
Acq: 22 Nov 2019 18:57

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 269

Ion	Ratio	Lower	Upper
276	100		
277	58.6	18.9	28.3#
138	117.7	17.8	26.8#